



Wednesday, October 31, 2007

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319
2300 Yonge Street
26th Floor
Toronto, Ontario
M4P 1E4

Re: Essex Powerlines 2008 IRM Application

Dear Ms Walli;

Please accept Essex Powerlines 2008 IRM model for rates to be effective May 1, 2007. Please find enclosed two (2) paper copies and one electronic copy of the application and Manager's Summary for your approval.

Essex Powerlines will submit a proposal for the reduction in Retail Transmissions Rates shortly.

Should you have any questions concerning these matters please do not hesitate to contact the undersigned.

Sincerely,
Essex Powerlines Corporation

Richard Dimmel
General Manager

360 Fairview Ave. West, Suite 218
Essex, ON N8M 3G4

Telephone (519) 776-8900
Fax (519) 776-5747

Essex Powerlines Corporation Manager's Summary

Overview of Application

Essex Powerlines Corporation is applying for the following changes in distribution rates effective May 1st, 2008:

- Price cap adjustment to “basic” distribution rates of 0.5%
- The adjusted smart meter rate adder for 2008 once it has been determined
- Essex Powerlines will submit to propose an adjustment to our retail transmission rates and disposition of the associated variance account balances separately using the same assigned docket number

Sheet 2 – 2007 Rate Classes

Essex Powerlines Corporation is not applying for any changes to its 2007 Approved Tariffs of Rates and Charges.

Sheet 3 – 2007 Tariff Sheets:

Essex Powerlines Corporation has used the Board approved 2007 Tariff Rates to complete this sheet.

Sheet 4 - 2007 Smart Meter Information:

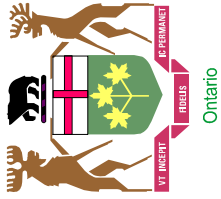
Essex Powerlines Corporation has used the 2007 Approved Smart Meter adder for completing this column and has left the 2008 IRM column blank as the smart meter adder has not yet been approved

Sheet 6 – K-Factor:

Essex Powerlines Corporation completed this sheet with information obtained from the Board Approved 2006 EDR model and the Board Approved 2006 PILs model as per directions given on the sheet.

Sheet 9 – Rate Adder Adjustments:

Essex Powerlines Corporation is not seeking Board approval for any other rate adder adjustments.



Ontario Energy Board

2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

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:

Essex Powerlines Corporation

Licence Number:

ED-2002-0499

IRM 2008 EB Number:

(if known)

EB-2007-XXXX

IRM 2007 EB Number:

EB-2007-0526

EDR 2006 RP Number:

RP-2005-0020

EDR 2006 EB Number:

EB-2005-0363

Date of Submission:

10/31/07

Last Saved Date:

10/30/07 3:14 PM

Model Version: 2.0

Contact Information

Name:

Michelle Soucie

Title:

Regulatory Analyst

Phone Number:

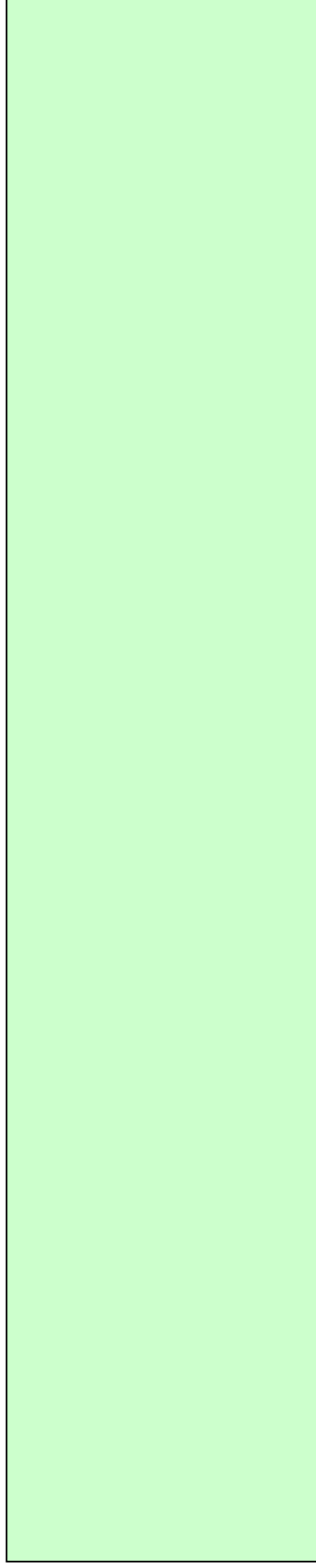
519-776-8900 extension 478

E-Mail Address:

msoucie@essexpower.ca

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

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

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

Wednesday, October 31, 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 2,999 kW	Yes
4	General Service 3,000 to 4,999 kW	Yes
5	Unmetered Scattered Load	Yes
6	Sentinel Lighting	Yes
7	Street Lighting	Yes
8	Rate Class 8	No
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

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

Wednesday, October 31, 2007

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



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

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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	\$	11.21	
Distribution Volumetric Rate		0.0151	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	0	0.0016	No
Retail Transmission Rate – Network Service Rate	0	0.0065	
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	0.0037	
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

Wednesday, October 31, 2007

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

General Service Less Than 50 kW

Service Charge	\$	12.86	
Distribution Volumetric Rate		0.0050	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	0	0.0007	No
Retail Transmission Rate – Network Service Rate	0	0.0060	
	0	0.0033	
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
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 2,999 kW

Service Charge	\$	343.10	
Distribution Volumetric Rate		2.7420	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	0	0.1095	No
Retail Transmission Rate – Network Service Rate	0	2.4284	
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	1.3130	
Retail Transmission Rate – Network Service Rate (if applicable)	0	2.7159	
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0	1.5485	
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
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 3,000 to 4,999 kW

Service Charge	\$	4,068.07	
Distribution Volumetric Rate		4.7997	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	0	(0.0241)	No
Retail Transmission Rate – Network Service Rate	0	2.7159	
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	1.5485	
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
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	\$	8.90	
Distribution Volumetric Rate		0.0309	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	0	0.0010	No
Retail Transmission Rate – Network Service Rate	0	0.0060	
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	0.0033	
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

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

Sentinel Lighting

Service Charge	\$	0.72	
Distribution Volumetric Rate		4.5350	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	0	0.4068	No
Retail Transmission Rate – Network Service Rate	0	1.8407	
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	1.0363	
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
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	\$	0.38	
Distribution Volumetric Rate		3.4005	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	0	(0.2758)	No
Retail Transmission Rate – Network Service Rate	0	1.8314	
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	1.0150	
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
Retail Transmission Rate – Network Service Rate (if applicable)	0		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

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



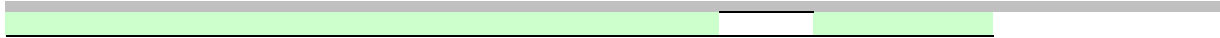
2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

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





2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

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Sheet 4 - Smart Meter Information

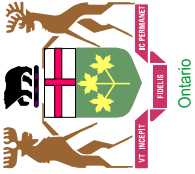
The smart meter plan rate adder is a monthly service charge for metered customers equivalent to an amount of \$0.30 per month per residential customer for utilities that do not have a plan. A different amount applied to utilities who had a smart meter plan that was modified in accordance with the Decision 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	\$ 0.28	
General Service Less Than 50 kW	\$ 0.28	
General Service 50 to 2,999 kW	\$ 0.28	
General Service 3,000 to 4,999 kW	\$ 0.28	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Essex Powerlines Corporation

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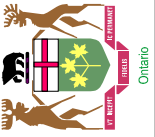
Wednesday, October 31, 2007

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	
	\$	\$	\$/kWh	\$/kWh	\$	\$	\$	\$/kWh	\$	\$/kWh
Residential	\$	11.21	\$	0.0151	\$	0.28	\$	10.93	\$	0.0151
General Service Less Than 50 kW	\$	12.86	\$	0.0050	\$	0.28	\$	12.58	\$	0.0050
General Service 50 to 2,999 kW	\$	343.10	\$	2.7420	\$	0.28	\$	342.82	\$	2.7420
General Service 3,000 to 4,999 kW	\$	4,068.07	\$	4.7997	\$	0.28	\$	4,067.79	\$	4.7997
Unmetered Scattered Load	\$	8.90	\$	0.0309	\$	-	\$	8.90	\$	0.0309
Sentinel Lighting	\$	0.72	\$	4.5350	\$	-	\$	0.72	\$	4.5350
Street Lighting	\$	0.38	\$	3.4005	\$	-	\$	0.38	\$	3.4005



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** 6.45% (Board Approved 2006 EDR Model, Sheet 3-2, Cell C25;
 Rate Base **C** \$ 29,701,333 (Board Approved 2006 EDR Model, Sheet 3-1, Cell F21);
 Size of Utility **D** Small

Deemed Capital Structure

	Debt	Equity
Current 2008	E1 50.0%	E2 50.0%
	F1 53.3%	F2 46.7%

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

Cost of Capital

Current 2008 **G** 7.725% = (E1 X B) + (E2 X A)
H 7.64% = (F1 X B) + (F2 X A) **Weighted Average Cost of capital**

Return on Rate Base

Current 2008 **I** \$ 2,294,427.97 = C X G / 100
J \$ 2,269,434.30 = C X H / 100

Distribution Expenses and Revenue Requirement (before PILs)

Distribution Expenses (other than PILs) **K** \$ 8,013,163 (Board Approved 2006 EDR Model, Sheet 4-1, Cell F15);
 Base Revenue Requirement **L** \$ 10,385,134 (Board Approved 2006 EDR Model, Sheet 5-5, Cell F27);
 Transformer Allowance Credit **M** \$ 105,214 (Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120).

Revenue Requirement (before PILs)

Current 2008 **N** \$ 10,307,590.97 = I + K
O \$ 10,282,597.30 = J + K

Target Net Income (EBIT)

Current 2008 **P1** = I - P2
Q1 = J - Q2

Interest Expense

Current 2008 **P2** = C X (B X E1 / 100)
Q2 = C X (B X F1 / 100)

PILs

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

Large Corporation Tax Allowance (if applicable) -
 grossed up **S** \$ - (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D31)

OCT (Rate Base less \$10,000,000 X 0.30%) **T** \$ 74,612 (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)

PILs Allowance

Current 2008 **U** \$ 943,488 (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)

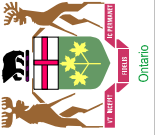
Taxable Income **V** \$ 1,536,650 (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D11)
W \$ 1,504,787 = AC + (Q1 - P1) * (R / 100)

Federal Tax (grossed up) **X** \$ 868,876 = AC * (R / 100) / (1 - R / 100)
Y \$ 850,860 = AD * (R / 100) / (1 - R / 100)

943,488

Base Revenue Requirement Adjustment (including PILs)

Revenue Requirement (less LCT) **X** \$ 11,251,078.96 (LCT is removed as it was removed in from rates in 2007 EDR,
 Current 2008 **Y** \$ 11,208,069.10 = N + V + T
 = 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	\$ 10,490,348.00	Z	= L + M
2008	\$ 10,447,338.14	AA1	= Z + (Y - X)
Difference	\$ -	AA2	= AA1 - Z
K-factor		AB	= AA2 / Z

-0.4%



2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

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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%	-0.4%	0.5%
	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>	\$ 10.93	\$ 10.98	\$ 0.0151	\$ 0.0152
<i>General Service Less Than 50 kW</i>	\$ 12.58	\$ 12.64	\$ 0.0050	\$ 0.0050
<i>General Service 50 to 2,999 kW</i>	\$ 342.82	\$ 344.53	\$ 2.7420	\$ 2.7557
<i>General Service 3,000 to 4,999 kW</i>	\$ 4,067.79	\$ 4,088.13	\$ 4.7997	\$ 4.8237
<i>Unmetered Scattered Load</i>	\$ 8.90	\$ 8.94	\$ 0.0309	\$ 0.0311
<i>Sentinel Lighting</i>	\$ 0.72	\$ 0.72	\$ 4.5350	\$ 4.5577
<i>Street Lighting</i>	\$ 0.38	\$ 0.38	\$ 3.4005	\$ 3.4175



**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL
Essex Powerlines Corporation**

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

Wednesday, October 31, 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>	\$ 10.98	\$ 0.28	\$ 11.26	0.0152
<i>General Service Less Than 50 kW</i>	\$ 12.64	\$ 0.28	\$ 12.92	0.0050
<i>General Service 50 to 2,999 kW</i>	\$ 344.53	\$ 0.28	\$ 344.81	2.7557
<i>General Service 3,000 to 4,999 kW</i>	\$ 4,088.13	\$ 0.28	\$ 4,088.41	4.8237
<i>Unmetered Scattered Load</i>	\$ 8.94	\$ -	\$ 8.94	0.0311
<i>Sentinel Lighting</i>	\$ 0.72	\$ -	\$ 0.72	4.5577
<i>Street Lighting</i>	\$ 0.38	\$ -	\$ 0.38	3.4175



2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

Wednesday, October 31, 2007

Sheet 9. - Z-Factor Rate Rider Adjustment

Is the Applicant seeking Board approval for other rate adjustments? YES NO

Z-Factor rate riders being applied for as part of the 2008 IRM rate adjustments should comply with Section 3.5 and Appendix C of the *Report of the Board on Cost of Capital and 2nd Generation Regulation Mechanism for Ontario's Electricity Distributors*, issued December 20, 2006 (link http://www.oeb.gov.on.ca/documents/cases/EB-2006-0088/report_of_the_board_201206.pdf). Rate riders applied for should comply with the eligibility requirements. A distributor should also file adequate support for its proposal.

In columns C and D below, insert the Z-Factor rate riders associated with the rate adjustment. Provide a brief explanation about the nature of the rate adjustment.

Class	<i>Monthly Service Charge Rate Rider</i>	<i>Volumetric Charge Rate Rider</i>
	\$	kW / kWh
<i>Residential</i>		
<i>General Service Less Than 50 kW</i>		
<i>General Service 50 to 2,999 kW</i>		
<i>General Service 3,000 to 4,999 kW</i>		
<i>Unmetered Scattered Load</i>		
<i>Sentinel Lighting</i>		
<i>Street Lighting</i>		

Essex Powerlines 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-2007-0526

FOR OEB STAFF USE ONLY

MONTHLY RATES AND CHARGES

Residential

Service Charge	\$	11.26
Distribution Volumetric Rate	0	0.0152
Retail Transmission Rate – Network Service Rate	0	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	0.0037
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service Less Than 50 kW

Service Charge	\$	12.92
Distribution Volumetric Rate	0	0.0050
Retail Transmission Rate – Network Service Rate	0	0.0060
	0 0	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

General Service 50 to 2,999 kW

Service Charge	\$	344.81
Distribution Volumetric Rate	0	2.7557
Retail Transmission Rate – Network Service Rate	0	2.4284
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	1.3130
Retail Transmission Rate – Network Service Rate (if applicable)	0	2.7159
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	0	1.5485
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 3,000 to 4,999 kW

Service Charge	\$	4,088.41
Distribution Volumetric Rate	0	4.8237
Retail Transmission Rate – Network Service Rate	0	2.7159
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	1.5485
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	\$	8.94
Distribution Volumetric Rate	0	0.0311
Retail Transmission Rate – Network Service Rate	0	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	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

Sentinel Lighting

Service Charge	\$	0.72
Distribution Volumetric Rate	0	4.5577
Retail Transmission Rate – Network Service Rate	0	1.8407
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	1.0363
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	\$	0.38
Distribution Volumetric Rate	0	3.4175
Retail Transmission Rate – Network Service Rate	0	1.8314
Retail Transmission Rate – Line and Transformation Connection Service Rate	0	1.0150
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Specific Service Charges

Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

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



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

Wednesday, October 31, 2007

Sheet 11 - Distribution Rate Change Summary

Note: No inputs are required for this worksheet.

Residential

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 11.21	\$ 0.0151
Less: Smart meters	-\$ 0.28	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.10	\$ 0.0001
Add: K-Factor	\$ (0.04)	-\$ 0.0001
Add: Smart Meters	\$ 0.28	\$ -
Final 2008 Rates	\$ 11.26	\$ 0.0152

General Service Less Than 50 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 12.86	\$ 0.0050
Less: Smart meters	-\$ 0.28	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.11	\$ 0.0000
Add: K-Factor	\$ (0.05)	-\$ 0.0000
Add: Smart Meters	\$ 0.28	\$ -
Final 2008 Rates	\$ 12.92	\$ 0.0050

General Service 50 to 2,999 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 343.10	\$ 2.7420
Less: Smart meters	-\$ 0.28	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 3.09	\$ 0.0247
Add: K-Factor	\$ (1.37)	-\$ 0.0110
Add: Smart Meters	\$ 0.28	\$ -
Final 2008 Rates	\$ 344.81	\$ 2.7557

General Service 3,000 to 4,999 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 4,068.07	\$ 4.7997
Less: Smart meters	-\$ 0.28	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 36.61	\$ 0.0432
Add: K-Factor	\$ (16.27)	-\$ 0.0192
Add: Smart Meters	\$ 0.28	\$ -
Final 2008 Rates	\$ 4,088.41	\$ 4.8237



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

Wednesday, October 31, 2007

Sheet 11 - Distribution Rate Change Summary

Unmetered Scattered Load

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 8.90	\$ 0.0309
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IP1 - X	\$ 0.08	\$ 0.0003
Add: K-Factor	\$ (0.04)	\$ 0.0001
Add: Smart Meters	\$ -	\$ -
Final 2008 Rates	\$ 8.94	\$ 0.0311

Sentinel Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 0.72	\$ 4.5350
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IP1 - X	\$ 0.01	\$ 0.0408
Add: K-Factor	\$ (0.00)	\$ 0.0181
Add: Smart Meters	\$ -	\$ -
Final 2008 Rates	\$ 0.72	\$ 4.5577

Street Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 0.38	\$ 3.4005
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IP1 - X	\$ 0.00	\$ 0.0306
Add: K-Factor	\$ (0.00)	\$ 0.0136
Add: Smart Meters	\$ -	\$ -
Final 2008 Rates	\$ 0.38	\$ 3.4175



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

Wednesday, October 31, 2007

Sheet 11 - Distribution Rate Change Summary



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

Wednesday, October 31, 2007

Sheet 11 - Distribution Rate Change Summary

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 \$	0.063	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 \$	0.063	750 \$	0.053
greater than	> 750 \$	0.062	> 750 \$	0.062

Residential

Consumption	1,500 kWh	0 kW	Loss Factor 1.0544
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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%	18.36%
Energy Second Tier (kWh)	982	\$ 0.0620	\$ 60.86	982	\$ 0.0620	\$ 60.86	\$0.00	0.0%	35.14%
Sub-Total: Energy		\$ 11.21	\$ 92.66		\$ 11.26	\$ 92.66	\$0.00	0.0%	53.49%
Monthly Service Charge	1	\$ 0.0151	\$ 0.0151	1	\$ 0.0152	\$ 0.0152	\$0.05	0.4%	6.50%
Distribution (kWh)	1,500	\$ -	\$ -	1,500	\$ -	\$ -	\$0.15	0.7%	13.16%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	1,500	\$ 0.0016	\$ 2.40	1,500	\$ -	\$ -	(\$2.40)	(100.0)%	0.00%
Rate Riders	1,500	\$ -	\$ -	1,500	\$ -	\$ -	\$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	1,500	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate - Network Service Rate	1,582	\$ 0.0065	\$ 10.28	1,582	\$ 0.0065	\$ 10.28	\$0.00	0.0%	5.94%
Retail Transmission Rate - Line and Transformation Connection Service Rate	1,582	\$ 0.0037	\$ 5.85	1,582	\$ 0.0037	\$ 5.85	\$0.00	0.0%	3.38%
Sub-Total: Delivery		\$ 0.0062	\$ 8.22		\$ 0.0062	\$ 8.22	(\$0.20)	(4.2)%	28.98%
Wholesale Market Service Rate	1582	\$ 0.0010	\$ 1.58	1582	\$ 0.0010	\$ 1.58	\$0.00	0.0%	4.75%
Rural Rate Protection Charge	1582	\$ 0.0010	\$ 1.58	1582	\$ 0.0010	\$ 1.58	\$0.00	0.0%	0.91%
Regulated Price Plan - Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.14%
Sub-Total: Regulatory		\$ 0.0070	\$ 10.06		\$ 0.0070	\$ 10.06	\$0.00	0.0%	5.81%
Debt Retirement Charge (DRC)	1,500	\$ 0.0070	\$ 10.50	1,500	\$ 0.0070	\$ 10.50	\$0.00	0.0%	6.06%
Total Bill before Taxes	\$ 165.61	6.00%	\$ 9.94	\$ 163.41	6.00%	\$ 9.80	(\$0.13)	(1.3)%	94.34%
GST	\$ 165.61	6.00%	\$ 9.94	\$ 163.41	6.00%	\$ 9.80	(\$0.13)	(1.3)%	5.66%
Total Bill after Taxes			\$ 175.54			\$ 173.21	(\$2.33)	(1.3)%	100.00%

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	
Consumption	15,000 kWh 0 kW Loss Factor 1.0544

	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%	2.66%
Energy Second Tier (kWh)	15,066	\$ 0.0620	\$ 934.09	15,066	\$ 0.0620	\$ 934.09	\$0.00	0.0%	62.40%
Sub-Total: Energy		\$ 12.86	\$ 973.84		\$ 12.86	\$ 973.84	\$0.00	0.0%	65.06%
Monthly Service Charge	15,000	\$ 0.0060	\$ 75.00	15,000	\$ 0.0060	\$ 75.00	\$0.00	0.0%	0.86%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	5.01%
Regulatory Assets (kWh)	15,000	\$ 0.0007	\$ 10.50	15,000	\$ 0.0007	\$ 10.50	(\$10.50)	(100.0)%	0.00%
Rate Riders	15,000	\$ -	\$ -	15,000	\$ -	\$ -	\$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	15,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate - Network Service Rate	15,816	\$ 0.0060	\$ 94.90	15,816	\$ 0.0060	\$ 94.90	\$0.00	0.0%	6.34%
Retail Transmission Rate - Line and Transformation Connection Service Rate	15,816	\$ 0.0033	\$ 52.19	15,816	\$ 0.0033	\$ 52.19	\$0.00	0.0%	3.49%
Sub-Total: Delivery		\$ 245.45	\$ 235.01		\$ 245.45	\$ 235.01	(\$10.44)	(4.3)%	15.70%
Wholesale Market Service Rate	15816	\$ 0.0062	\$ 82.24	15816	\$ 0.0062	\$ 82.24	\$0.00	0.0%	5.49%
Rural Rate Protection Charge	15816	\$ 0.0010	\$ 15.82	15816	\$ 0.0010	\$ 15.82	\$0.00	0.0%	1.06%
Regulated Price Plan - Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.02%
Sub-Total: Regulatory		\$ 98.31	\$ 98.31		\$ 98.31	\$ 98.31	\$0.00	0.0%	6.57%
Debt Retirement Charge (DRC)	15,000	\$ 0.0070	\$ 105.00	15,000	\$ 0.0070	\$ 105.00	\$0.00	0.0%	7.01%
Total Bill before Taxes		\$ 1,422.60	\$ 1,412.16		\$ 1,422.60	\$ 1,412.16	(\$10.44)	(0.7)%	94.34%
GST	\$ 1,422.60	6.00%	\$ 85.36	\$ 1,412.16	6.00%	\$ 84.73	(\$0.63)	(0.7)%	5.66%
Total Bill after Taxes		\$ 1,507.95	\$ 1,496.89		\$ 1,507.95	\$ 1,496.89	(\$11.07)	(0.7)%	100.00%

General Service 50 to 2,999 kW	
Consumption	2,000,000 kWh 5,000 kW Loss Factor 1.0544

	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%	0.02%



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL
Essex Powerlines Corporation
EB-2007-XXXX, EB-2007-0526, EB-2005-0363
Wednesday, October 31, 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.

Energy Second Tier (kWh)	2,108,050	\$	0.0620	\$	130,699.10	\$	0.0620	\$	130,699.10	\$	0.00	0.0%	57.66%
Sub-Total: Energy					\$ 130,738.85				\$ 130,738.85		\$ 0.00	0.0%	57.60%
Monthly Service Charge	1	\$	343.10	\$	343.10	1	\$	344.81	\$	344.81	\$	0.5%	0.15%
Distribution (kWh)	2,000,000	\$	2,742.00	\$	5,484.00	2,000,000	\$	2,755.70	\$	5,511.40	\$	0.00%	0.00%
Distribution (kW)	5,000	\$	0.10895	\$	544.75	5,000	\$	547.50	\$	547.50	\$	0.5%	6.07%
Regulatory Assets (kWh)	5,000	\$	0.10895	\$	544.75	5,000	\$	547.50	\$	547.50	\$	(100.0)%	0.00%
Rate Riders	5,000	\$	-	\$	-	5,000	\$	-	\$	-	\$	0.00%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	N/A	N/A	1	\$	-	\$	-	\$	0.00%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	N/A	N/A	5,000	\$	-	\$	-	\$	0.00%	0.00%
Retail Transmission Rate – Network Service Rate	5,272	\$	5.1443	\$	27,120.75	5,272	\$	5.1443	\$	27,120.75	\$	0.0%	11.95%
Retail Transmission Rate – Line and Transformation Connection Service Rate	5,272	\$	2.8615	\$	15,085.83	5,272	\$	2.8615	\$	15,085.83	\$	0.0%	6.65%
Sub-Total: Delivery					\$ 56,807.18					\$ 56,329.89		(0.8)%	24.82%
Wholesale Market Service Rate	2108800	\$	0.0052	\$	10,965.76	2108800	\$	0.0052	\$	10,965.76	\$	0.0%	4.83%
Rural Rate Protection Charge	2108800	\$	0.0010	\$	2,108.80	2108800	\$	0.0010	\$	2,108.80	\$	0.0%	0.93%
Regulated Price Plan – Administration Charge	1	\$	0.2500	\$	0.25	1	\$	0.2500	\$	0.25	\$	0.0%	0.00%
Sub-Total: Regulatory					\$ 13,074.81					\$ 13,074.81		0.0%	5.76%
Debt Retirement Charge (DRC)					\$ 14,000.00					\$ 14,000.00		0.0%	6.17%
Total Bill before Taxes					\$ 214,620.84					\$ 214,143.55		(0.2)%	94.34%
GST		\$	6.00%	\$	12,877.25		\$	6.00%	\$	12,848.61		(0.2)%	5.66%
Total Bill after Taxes					\$ 227,498.09					\$ 226,992.16		(0.2)%	100.00%

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 3,000 to 4,999 kW

Consumption	2,000,000 kWh	5,000 kW	Loss Factor 1.0544
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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%	0.02%
Energy Second Tier (kWh)	2,108,050	\$ 0.0620	\$ 130,699.10	2,108,050	\$ 0.0620	\$ 130,699.10	\$0.00	0.0%	59.14%
Sub-Total: Energy			\$ 130,738.85			\$ 130,738.85	\$0.00	0.0%	59.15%
Monthly Service Charge	1	\$ 4,068.07	\$ 4,068.07	1	\$ 4,068.41	\$ 4,068.41	\$20.34	0.5%	1.85%
Distribution (kWh)	2,000,000	\$ -	\$ -	2,000,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	5,000	\$ 4,799.7	\$ 23,998.50	5,000	\$ 4,823.7	\$ 24,118.50	\$120.00	0.5%	10.91%
Regulatory Assets (kWh)	5,000	\$ 0.0241	\$ 120.50	5,000	\$ -	\$ -	\$120.50	(100.0)%	0.00%
Regulatory Assets (kW)	5,000	\$ -	\$ -	5,000	\$ -	\$ -	\$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	5,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate - Network Service Rate	5,272	\$ 2,715.9	\$ 14,318.22	5,272	\$ 2,715.9	\$ 14,318.22	\$0.00	0.0%	6.48%
Retail Transmission Rate - Line and Transformation Connection Service Rate	5,272	\$ 1,548.5	\$ 8,163.69	5,272	\$ 1,548.5	\$ 8,163.69	\$0.00	0.0%	3.69%
Sub-Total: Delivery			\$ 50,427.99			\$ 50,688.83	\$260.84	0.5%	22.83%
Wholesale Market Service Rate	2,108,800	\$ 0.0062	\$ 10,965.76	2,108,800	\$ 0.0062	\$ 10,965.76	\$0.00	0.0%	4.96%
Rural Rate Protection Charge	2,108,800	\$ 0.0010	\$ 2,108.80	2,108,800	\$ 0.0010	\$ 2,108.80	\$0.00	0.0%	0.95%
Regulated Price Plan - Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.00%
Sub-Total: Regulatory			\$ 13,074.81			\$ 13,074.81	\$0.00	0.0%	5.92%
Debt Retirement Charge (DRC)	2,000,000	\$ 0.0070	\$ 14,000.00	2,000,000	\$ 0.0070	\$ 14,000.00	\$0.00	0.0%	6.33%
Total Bill before Taxes			\$ 208,241.65			\$ 208,502.49	\$260.84	0.1%	94.34%
GST	\$ 208,241.65	6.00%	\$ 12,494.50	\$ 208,502.49	6.00%	\$ 12,510.15	\$15.65	0.1%	5.66%
Total Bill after Taxes			\$ 220,736.15			\$ 221,012.64	\$276.49	0.1%	100.00%

Unmetered Scattered Load

Consumption	2,000,000 kWh	5,000 kW	Loss Factor 1.0544
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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%	0.02%

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.

Energy Second Tier (kWh)	2,108,050	\$	0.0620	\$	130,699.10	\$	0.0620	\$	130,699.10	\$	0.00	0.0%	78.03%
Sub-Total: Energy					\$ 130,738.85				\$ 130,738.85		\$ 0.00	0.0%	78.05%
Monthly Service Charge	1	\$	8.94	\$	8.94	\$	8.94	\$	8.94	\$	\$ 0.04	0.4%	0.01%
Distribution (kWh)	2,000,000	\$	0.0309	\$	154.50	\$	0.0311	\$	155.50	\$	\$ 1.00	0.6%	0.09%
Distribution (kW)	5,000	\$	0.0010	\$	5.00	\$	-	\$	-	\$	(\$5.00)	(100.0)%	0.00%
Regulatory Assets (kWh)	5,000	\$	-	\$	-	\$	-	\$	-	\$	\$ 0.00	0.0%	0.00%
Regulatory Assets (kW)	5,000	\$	-	\$	-	\$	-	\$	-	\$	\$ 0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ 0.00	0.0%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ 0.00	0.0%	0.00%
Retail Transmission Rate - Network Service Rate	5,272	\$	0.0060	\$	31.63	\$	0.0060	\$	31.63	\$	\$ 0.00	0.0%	0.02%
Retail Transmission Rate - Line and Transformation Connection Service Rate	5,272	\$	0.0033	\$	17.40	\$	0.0033	\$	17.40	\$	\$ 0.00	0.0%	0.01%
Sub-Total: Delivery					\$ 217.43				\$ 213.47		\$ (3.96)	(1.8)%	0.13%
Wholesale Market Service Rate	2,108,800	\$	0.0052	\$	10,965.76	\$	0.0052	\$	10,965.76	\$	\$ 0.00	0.0%	6.55%
Rural Rate Protection Charge	2,108,800	\$	0.0010	\$	2,108.80	\$	0.0010	\$	2,108.80	\$	\$ 0.00	0.0%	1.26%
Regulated Price Plan - Administration Charge	1	\$	0.2500	\$	0.25	\$	0.2500	\$	0.25	\$	\$ 0.00	0.0%	0.00%
Sub-Total: Regulatory					\$ 13,074.81				\$ 13,074.81		\$ 0.00	0.0%	7.81%
Debt Retirement Charge (DRC)					\$ 14,000.00				\$ 14,000.00		\$ 0.00	0.0%	8.36%
Total Bill before Taxes					\$ 158,031.09				\$ 158,027.13		\$ (3.96)	(0.0)%	94.34%
GST	\$ 158,031.09		6.00%		\$ 9,481.87		6.00%		\$ 9,481.83		\$ (0.24)	(0.0)%	5.66%
Total Bill after Taxes					\$ 167,512.95				\$ 167,508.76		\$ (4.20)	(0.0)%	100.00%

Sentinel Lighting

Consumption	2,000,000 kWh	5,000 kW	Loss Factor 1.0544
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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%	0.02%	
Energy Second Tier (kWh)	2,108,050	\$ 0.0620	\$ 130,699.10	2,108,050	\$ 0.0620	\$ 130,699.10	\$ 0.00	0.0%	62.98%	
Sub-Total: Energy			\$ 130,738.85			\$ 130,738.85	\$ 0.00	0.0%	63.00%	
Monthly Service Charge	1	\$ 0.72	\$ 0.72	1	\$ 0.72	\$ 0.72	\$ 0.00	0.0%	0.00%	
Distribution (kWh)	2,000,000	\$ -	\$ -	2,000,000	\$ -	\$ -	\$ 0.00	0.0%	0.00%	
Distribution (kW)	5,000	\$ 4.5360	\$ 22,675.00	5,000	\$ 4.5377	\$ 22,788.50	\$ 113.50	0.5%	10.98%	
Regulatory Assets (kWh)	5,000	\$ 0.4068	\$ 2,034.00	5,000	\$ -	\$ -	\$ (2,034.00)	(100.0)%	0.00%	
Regulatory Assets (kW)	5,000	\$ -	\$ -	5,000	\$ -	\$ -	\$ 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%	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Essex Powerlines Corporation

EB-2007-XXXX, EB-2007-0526, EB-2005-0363

Wednesday, October 31, 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.

	1	\$	0.2500	\$	0.25	1	\$	0.2500	\$	0.25	\$0.00	0.0%	0.00%
Regulated Price Plan – Administration Charge													
Sub-Total: Regulatory			\$ 13,074.81		\$ 13,074.81						\$0.00	0.0%	6.50%
Debt Retirement Charge (DRC)	2,000,000	\$	0.0070	\$	14,000.00	2,000,000	\$	0.0070	\$	14,000.00	\$0.00	0.0%	6.95%
Total Bill before Taxes			\$ 188,443.76		\$ 189,907.76						\$1,464.00	0.8%	94.34%
GST		\$	188,443.76	6.00%	\$ 11,306.63	\$ 189,907.76	6.00%	\$	11,394.47	\$87.84	\$87.84	0.8%	5.66%
Total Bill after Taxes			\$ 199,750.39		\$ 201,302.23				\$ 1,551.84	\$1,551.84	\$1,551.84	0.8%	100.00%