



October 26, 2007

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

Dear Ms. Walli,

**RE: Whitby Hydro Electric Corporation  
2008 Incentive Regulation Mechanism Distribution Rate Adjustments**

Please find attached an Application by Whitby Hydro Electric Corporation for 2008 Distribution Rates. The full Application consists of the following:

- An electronic filing through the Board's web portal consisting of one electronic copy of the application in searchable/unrestricted PDF format
- One (1) electronic copy in Microsoft Excel format of the completed 2008 IRM model emailed to the Board Secretary
- Two (2) paper copies of the Manager's Summary and the 2008 IRM Model as well as a CD containing the completed copy of the Microsoft Excel 2008 IRM Model in the prescribed naming format

This application is respectfully submitted in accordance with the prescribed filing guidelines as outlined by the Board.

Please contact me if you have any questions.

Yours truly,

A handwritten signature in blue ink, appearing to read "R. Abi-Rashed", is written over a light blue horizontal line.

Ramona Abi-Rashed  
Treasurer

Attach.



**WHITBY HYDRO ELECTRIC CORPORATION**

**2008**

**DISTRIBUTION**

**RATE ADJUSTMENT**

**October 26, 2007**



## TABLE OF CONTENTS

1. Manager's Summary
2. 2008 IRM Model
3. 2008 IRM Model – Bill Impact
4. 2008 IRM Model – Bill Impacts By Consumption

# WHITBY HYDRO ELECTRIC CORPORATION

## MANAGER'S SUMMARY

(2008 IRM )

**October 26, 2007**

---

### *Overview of Application:*

Whitby Hydro Electric Corporation ("WHITBY HYDRO") is applying for revised distribution rates on the basis of the Cost of Capital and 2<sup>nd</sup> Generation IRM policies set out in the Report of the Board on December 20, 2006. There were no departures from the guidelines and the following summarizes the treatment of items within the 2008 IRM model:

- There are no changes to the descriptions of any of the Service Classifications.
- 2007 Rate Classifications and Board approved Tariffs of Rates and Charges have been entered.
- The current Regulatory Asset rate rider has been removed (will not continue into the 2008-2009 rate year).
- Smart Meter rate adder reflects the monthly service charge for meter customers, equivalent to an amount of \$0.30 per month per residential customer as per the 2007 IRM.
- No incremental CDM spending was approved by the Board.
- K-Factor Derivation and 2<sup>nd</sup> Generation IRM price cap index has been applied as per the model.
- There is no request for a Z-Factor rate rider adjustment.

### *Bill Impacts:*

Tabs 3 and 4 show a comparison of customer bill scenarios using October 26, 2007 applied for customer rates and current approved customer rates.

The Bill Impact sheets have been updated to reflect consumption and demand figures that are more meaningful for Whitby Hydro comparisons. On Sheet 12 – Annualized Bill Impact comparison, it should be noted that:

- 2007 to 2008 comparisons reflect one month bill comparisons.
- The net impact of the distribution rate changes incorporated in the model and the removal of the current Regulatory Asset rate rider results in a decrease in the total customer's bill for all Rate Classes.

Bill Impacts by Consumption (Sheet 13) shows that for a range of realistic consumption levels, the overall decline in the customer's total monthly bill can be summarized using the following % ranges:

	<u>Max</u>	<u>Min</u>
Residential	-0.6%	-1.9%
General Service < 50 kW	-1.5%	-1.8%
General Service 50 to 4,999 kW	-1.1%	-2.3%
Unmetered Scattered Load	-0.9%	-1.9%
Sentinel Lighting	-5.4%	-14.4%
Street Lighting	-3.7%	-7.2%

### *Implementation of New Rates:*

Whitby Hydro is able to pro-rate the bill so that consumption before May 1<sup>st</sup> is at the old rates and post May 1<sup>st</sup> consumption is billed at the new rates.

### *Exceptions to the Guidelines:*

There are no exceptions to the Board issued guidelines.



# Ontario Energy Board

## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

### Sheet 1 Utility Information Sheet

<b>Legend:</b>	Input Cell	Pull-Down Menu Option	Output Cell
----------------	------------	-----------------------	-------------

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

Name of LDC:	Whitby Hydro Electric Corporation		
Licence Number:	ED-2002-0571		
IRM 2008 EB Number: ( if known )	EB-2007-XXXX		
IRM 2007 EB Number:	EB-2007-0592		
EDR 2006 RP Number:	RP-2005-0020	EDR 2006 EB Number:	EB-2005-0435
Date of Submission:	OCT-26-2007	Last Saved Date:	10/26/07 1:50 PM
Model Version:	2.0		
<b>Contact Information</b>			
Name:	RAMONA ABI-RASHED		
Title:	TREASURER		
Phone Number:	905 668-5878 X256		
E-Mail Address:	rabirashed@whitbyhydro.on.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

The 2008 IRM model for Whitby Hydro Electric Corporation has been completed in accordance with the 2nd Generation IRM policies set out by the Report of the Board on December 20, 2006. There are no departures from the standard IRM model and guidelines.

#### 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

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

## 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	Unmetered Scattered Load	Yes
5	Sentinel Lighting	Yes
6	Street Lighting	Yes
7	Rate Class 7	No
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

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

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

---



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

### 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	\$	16.99	
Distribution Volumetric Rate	\$/kWh	0.0137	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0024	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0064	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0056	
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	



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

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

#### General Service Less Than 50 kW

Service Charge	\$	18.79	
Distribution Volumetric Rate	\$/kWh	0.0181	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0021	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0058	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050	
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	\$	191.63	
Distribution Volumetric Rate	\$/kW	3.3730	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	0.8670	No
Retail Transmission Rate – Network Service Rate	\$/kW	2.3769	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9873	
Retail Transmission Rate – Network Service Rate - Interval Metered	\$/kW	2.5244	
Retail Transmission Rate – Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1789	
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

Service Charge	\$	9.97	
Distribution Volumetric Rate	\$/kWh	0.0325	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0026	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0058	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050	
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	\$	2.87	
Distribution Volumetric Rate	\$/kW	7.7632	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	3.6665	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.8017	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5685	
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	



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

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

#### Street Lighting

Service Charge	\$	1.04	
Distribution Volumetric Rate	\$/kW	4.1310	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	2.1624	<b>No</b>
Retail Transmission Rate – Network Service Rate	\$/kW	1.7926	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5363	
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	



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

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

---



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

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
Pulling post dated cheques	\$	15.00
Easement 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
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
Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
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	1.0601
Total Loss Factor - Secondary Metered Customer > 5,000 kW	
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0495
Total Loss Factor - Primary Metered Customer > 5,000 kW	



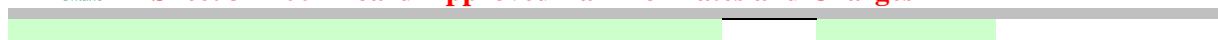
## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

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





## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

### 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

	<u>2007 IRM</u>	<u>2008 IRM</u>
Residential	\$ 0.28	
General Service Less Than 50 kW	\$ 0.28	
General Service 50 to 4,999 kW	\$ 0.28	





## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

### 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	
	\$	kW / kWh	\$	\$	\$	kW / kWh	
<i>Residential</i>	\$ 16.99	\$ 0.0137	\$ 0.28	\$ 0.28	\$ 16.71	\$ 0.0137	\$/kWh
<i>General Service Less Than 50 kW</i>	\$ 18.79	\$ 0.0181	\$ 0.28	\$ 0.28	\$ 18.51	\$ 0.0181	\$/kWh
<i>General Service 50 to 4,999 kW</i>	\$ 191.63	\$ 3.3730	\$ 0.28	\$ 0.28	\$ 191.35	\$ 3.3730	\$/kW
<i>Unmetered Scattered Load</i>	\$ 9.97	\$ 0.0325	\$ -	\$ -	\$ 9.97	\$ 0.0325	\$/kWh
<i>Sentinel Lighting</i>	\$ 2.87	\$ 7.7632	\$ -	\$ -	\$ 2.87	\$ 7.7632	\$/kW
<i>Street Lighting</i>	\$ 1.04	\$ 4.1310	\$ -	\$ -	\$ 1.04	\$ 4.1310	\$/kW



# 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

## 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	\$ 60,605,418	(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	\$ 4,924,190.21	= C X G / 100
2008	J	\$ 4,889,190.58	= C X H / 100

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

Distribution Expenses (other than PILs)	K	\$ 10,698,587	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base Revenue Requirement	L	\$ 16,602,704	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Transformer Allowance Credit	M	\$ 259,138	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)

### Revenue Requirement (before PILs)

Current	N	\$ 15,622,777.21	= I + K
2008	O	\$ 15,587,777.58	= J + K

### Target Net Income (EBIT)

Current	\$ 2,727,243.81	P1 = I - P2
2008	\$ 2,547,245.72	Q1 = J - Q2

### Interest Expense

Current	\$ 2,196,946.40	P2 = C X (B X E1 / 100)
2008	\$ 2,341,944.87	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%)	\$ 151,793	T	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
PILs Allowance	\$ 1,874,649	U	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
Taxable Income	Current \$ 3,046,954	AC	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D11)
	2008 \$ 2,981,939	AD	= AC + (Q1 - P1) * (R / 100)
Federal Tax (grossed up)	Current \$ 1,722,855	V	= AC * (R / 100) / (1 - R / 100) 1,874,648
	2008 \$ 1,686,093	W	= AD * (R / 100) / (1 - R / 100)

### Base Revenue Requirement Adjustment (including PILs)

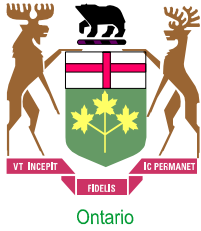
#### Revenue Requirement (less LCT) (LCT is removed as it was removed in from rates in 2007 EDR,

Current	\$ 17,497,425.23	X	= N + V + T
2008	\$ 17,425,663.66	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	\$ 16,861,841.60	Z	= L + M
2008	\$ 16,790,080.03	AA1	= Z + (Y - X)
Difference	\$ -71,761.57	AA2	= AA1 - Z
K-factor	-0.4%	AB	= AA2 / Z



# 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

## 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%	-0.4%	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>	\$ 16.71	\$ 16.79	\$ 0.0137	\$ 0.0138
<i>General Service Less Than 50 kW</i>	\$ 18.51	\$ 18.60	\$ 0.0181	\$ 0.0182
<i>General Service 50 to 4,999 kW</i>	\$ 191.35	\$ 192.31	\$ 3.3730	\$ 3.3899
<i>Unmetered Scattered Load</i>	\$ 9.97	\$ 10.02	\$ 0.0325	\$ 0.0327
<i>Sentinel Lighting</i>	\$ 2.87	\$ 2.88	\$ 7.7632	\$ 7.8020
<i>Street Lighting</i>	\$ 1.04	\$ 1.05	\$ 4.1310	\$ 4.1517



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

### 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>	\$ 16.79	\$ 0.28	\$ 17.07	0.0138
<i>General Service Less Than 50 kW</i>	\$ 18.60	\$ 0.28	\$ 18.88	0.0182
<i>General Service 50 to 4,999 kW</i>	\$ 192.31	\$ 0.28	\$ 192.59	3.3899
<i>Unmetered Scattered Load</i>	\$ 10.02	\$ -	\$ 10.02	0.0327
<i>Sentinel Lighting</i>	\$ 2.88	\$ -	\$ 2.88	7.8020
<i>Street Lighting</i>	\$ 1.05	\$ -	\$ 1.05	4.1517



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

### 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](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 4,999 kW</i>		
<i>Unmetered Scattered Load</i>		
<i>Sentinel Lighting</i>		
<i>Street Lighting</i>		

# Whitby Hydro Electric 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-2007-0592

FOR OEB STAFF USE ONLY

### MONTHLY RATES AND CHARGES

#### Residential

Service Charge	\$	17.07
Service Charge - Non-Routine Rate Rider	\$	0.00
Distribution Volumetric Rate	\$/kWh	0.0138
Distribution Volumetric, Non-routine Rate Rider	\$/kWh	0.0000
Rate Rider 1 (if applicable)	0	0.0000
Rate Rider 2 (if applicable)	0	0.0000
Regulatory Asset Recovery	\$/kWh	0.0000
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0056
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh	0.0000
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### General Service Less Than 50 kW

Service Charge	\$	18.88
Service Charge - Non-Routine Rate Rider	\$	0.00
Distribution Volumetric Rate	\$/kWh	0.0182
Distribution Volumetric, Non-routine Rate Rider	\$/kWh	0.0000
Rate Rider 1 (if applicable)	0	0.0000
Rate Rider 2 (if applicable)	0	0.0000
Regulatory Asset Recovery	\$/kWh	0.0000
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh	0.0000
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## General Service 50 to 4,999 kW

Service Charge	\$	192.59
Service Charge - Non-Routine Rate Rider	\$	0.00
Distribution Volumetric Rate	\$/kW	3.3899
Distribution Volumetric, Non-routine Rate Rider	\$/kW	0.0000
Rate Rider 1 (if applicable)	0	0.0000
Rate Rider 2 (if applicable)	0	0.0000
Regulatory Asset Recovery	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate	\$/kW	2.3769
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9873
Retail Transmission Rate – Network Service Rate - Interval Metered	\$/kW	2.5244
Retail Transmission Rate – Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1789
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## Unmetered Scattered Load

Service Charge	\$	10.02
Service Charge - Non-Routine Rate Rider	\$	0.00
Distribution Volumetric Rate	\$/kWh	0.0327
Distribution Volumetric, Non-routine Rate Rider	\$/kWh	0.0000
Rate Rider 1 (if applicable)	0	0.0000
Rate Rider 2 (if applicable)	0	0.0000
Regulatory Asset Recovery	\$/kWh	0.0000
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh	0.0000
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## Sentinel Lighting

Service Charge	\$	2.88
Service Charge - Non-Routine Rate Rider	\$	0.00
Distribution Volumetric Rate	\$/kW	7.8020
Distribution Volumetric, Non-routine Rate Rider	\$/kW	0.0000
Rate Rider 1 (if applicable)	0	0.0000
Rate Rider 2 (if applicable)	0	0.0000
Regulatory Asset Recovery	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate	\$/kW	1.8017
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5685
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## Street Lighting

Service Charge	\$	1.05
Service Charge - Non-Routine Rate Rider	\$	0.00
Distribution Volumetric Rate	\$/kW	4.1517
Distribution Volumetric, Non-routine Rate Rider	\$/kW	0.0000
Rate Rider 1 (if applicable)	0	0.0000
Rate Rider 2 (if applicable)	0	0.0000
Regulatory Asset Recovery	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate	\$/kW	1.7926
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5363
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25







## Specific Service Charges

### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Easement 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
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00

### 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
	0	0.00
	0	0.00

Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
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
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00

### 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	0.00
	\$/kW	0.00

### LOSS FACTORS

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0601
Total Loss Factor - Secondary Metered Customer > 5,000 kW	0.0000
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0495
Total Loss Factor - Primary Metered Customer > 5,000 kW	0.0000



# 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation  
 EB-2007-XXXX, EB-2007-0592, EB-2005-0435  
 OCT-26-2007

## Sheet 11 - Distribution Rate Change Summary

Note: No inputs are required for this worksheet.

### Residential

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 16.99	\$ 0.0137
Less: Smart meters	-\$ 0.28	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPI - X	\$ 0.15	\$ 0.0001
Add: K-Factor	\$ (0.07)	-\$ 0.0001
Add: Smart Meters	\$ 0.28	\$ -
<b>Final 2008 Rates</b>	<b>\$ 17.07</b>	<b>\$ 0.0138</b>

### General Service Less Than 50 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 18.79	\$ 0.0181
Less: Smart meters	-\$ 0.28	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPI - X	\$ 0.17	\$ 0.0002
Add: K-Factor	\$ (0.07)	-\$ 0.0001
Add: Smart Meters	\$ 0.28	\$ -
<b>Final 2008 Rates</b>	<b>\$ 18.88</b>	<b>\$ 0.0182</b>

### General Service 50 to 4,999 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 191.63	\$ 3.3730
Less: Smart meters	-\$ 0.28	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPI - X	\$ 1.72	\$ 0.0304
Add: K-Factor	\$ (0.77)	-\$ 0.0135
Add: Smart Meters	\$ 0.28	\$ -
<b>Final 2008 Rates</b>	<b>\$ 192.59</b>	<b>\$ 3.3899</b>

### Unmetered Scattered Load

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 9.97	\$ 0.0325
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPI - X	\$ 0.09	\$ 0.0003
Add: K-Factor	\$ (0.04)	-\$ 0.0001
Add: Smart Meters	\$ -	\$ -
<b>Final 2008 Rates</b>	<b>\$ 10.02</b>	<b>\$ 0.0327</b>



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation  
 EB-2007-XXXX, EB-2007-0592, EB-2005-0435  
 OCT-26-2007

### Sheet 11 - Distribution Rate Change Summary

#### Sentinel Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 2.87	\$ 7.7632
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.03	\$ 0.0699
Add: K-Factor	\$ (0.01)	\$ 0.0311
Add: Smart Meters	\$ -	\$ -
<b>Final 2008 Rates</b>	<b>\$ 2.88</b>	<b>\$ 7.8020</b>

#### Street Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 1.04	\$ 4.1310
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.01	\$ 0.0372
Add: K-Factor	\$ (0.00)	\$ 0.0165
Add: Smart Meters	\$ -	\$ -
<b>Final 2008 Rates</b>	<b>\$ 1.05</b>	<b>\$ 4.1517</b>



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

### Sheet 11 - Distribution Rate Change Summary





## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

### Sheet 11 - Distribution Rate Change Summary





**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL**

Whitby Hydro Electric Corporation  
 EB-2007-XXXX, EB-2007-0592, EB-2005-0435  
 OCT-26-2007

**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**

**Consumption**    **1,000 kWh**    **0 kW**    **Loss Factor 1.0601**

	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%	25.48%
Energy Second Tier (kWh)	460	\$ 0.0620	\$ 28.53	460	\$ 0.0620	\$ 28.53	\$0.00	0.0%	22.86%
<b>Sub-Total: Energy</b>			<b>\$ 60.33</b>			<b>\$ 60.33</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>48.34%</b>
Monthly Service Charge	1	\$ 16.99	\$ 16.99	1	\$ 17.07	\$ 17.07	\$0.08	0.5%	13.68%
Distribution (kWh)	1,000	\$ 0.0137	\$ 13.70	1,000	\$ 0.0138	\$ 13.80	\$0.10	0.7%	11.06%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	1,000	\$ 0.0024	\$ 2.40	1,000	\$ -	\$ -	(\$2.40)	(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	1,060	\$ 0.0064	\$ 6.78	1,060	\$ 0.0064	\$ 6.78	\$0.00	0.0%	5.44%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,060	\$ 0.0056	\$ 5.94	1,060	\$ 0.0056	\$ 5.94	\$0.00	0.0%	4.76%
<b>Sub-Total: Delivery</b>			<b>\$ 45.81</b>			<b>\$ 43.59</b>	<b>(\$2.22)</b>	<b>(4.8)%</b>	<b>34.93%</b>
Wholesale Market Service Rate	1060	\$ 0.0052	\$ 5.51	1060	\$ 0.0052	\$ 5.51	\$0.00	0.0%	4.42%
Rural Rate Protection Charge	1060	\$ 0.0010	\$ 1.06	1060	\$ 0.0010	\$ 1.06	\$0.00	0.0%	0.85%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.20%
<b>Sub-Total: Regulatory</b>			<b>\$ 6.82</b>			<b>\$ 6.82</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>5.47%</b>
Debt Retirement Charge (DRC)	1,000	\$ 0.0070	\$ 7.00	1,000	\$ 0.0070	\$ 7.00	\$0.00	0.0%	5.61%
<b>Total Bill before Taxes</b>			<b>\$ 119.96</b>			<b>\$ 117.74</b>	<b>(\$2.22)</b>	<b>(1.9)%</b>	<b>94.34%</b>
GST	\$ 119.96	6.00%	\$ 7.20	\$ 117.74	6.00%	\$ 7.06	(\$0.13)	(1.9)%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 127.16</b>			<b>\$ 124.80</b>	<b>(\$2.35)</b>	<b>(1.9)%</b>	<b>100.00%</b>

**General Service Less Than 50 kW**

**Consumption**    **2,000 kWh**    **0 kW**    **Loss Factor 1.0601**

	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%	16.28%
Energy Second Tier (kWh)	1,370	\$ 0.0620	\$ 84.95	1,370	\$ 0.0620	\$ 84.95	\$0.00	0.0%	34.80%
<b>Sub-Total: Energy</b>			<b>\$ 124.70</b>			<b>\$ 124.70</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>51.09%</b>
Monthly Service Charge	1	\$ 18.79	\$ 18.79	1	\$ 18.88	\$ 18.88	\$0.09	0.5%	7.73%
Distribution (kWh)	2,000	\$ 0.0181	\$ 36.20	2,000	\$ 0.0182	\$ 36.40	\$0.20	0.6%	14.91%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	2,000	\$ 0.0021	\$ 4.20	2,000	\$ -	\$ -	(\$4.20)	(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	2,120	\$ 0.0058	\$ 12.30	2,120	\$ 0.0058	\$ 12.30	\$0.00	0.0%	5.04%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,120	\$ 0.0050	\$ 10.60	2,120	\$ 0.0050	\$ 10.60	\$0.00	0.0%	4.34%
<b>Sub-Total: Delivery</b>			<b>\$ 82.09</b>			<b>\$ 78.18</b>	<b>(\$3.91)</b>	<b>(4.8)%</b>	<b>32.03%</b>
Wholesale Market Service Rate	2120	\$ 0.0052	\$ 11.03	2120	\$ 0.0052	\$ 11.03	\$0.00	0.0%	4.52%
Rural Rate Protection Charge	2120	\$ 0.0010	\$ 2.12	2120	\$ 0.0010	\$ 2.12	\$0.00	0.0%	0.87%





**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL**

Whitby Hydro Electric Corporation  
 EB-2007-XXXX, EB-2007-0592, EB-2005-0435  
 OCT-26-2007

**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 – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.10%
<b>Sub-Total: Regulatory</b>			\$ 13.40			\$ 13.40	\$0.00	0.0%	5.49%
<b>Debt Retirement Charge (DRC)</b>	2,000	\$ 0.0070	\$ 14.00	2,000	\$ 0.0070	\$ 14.00	\$0.00	0.0%	5.74%
<b>Total Bill before Taxes</b>			\$ 234.19			\$ 230.28	(\$3.91)	(1.7)%	94.34%
<b>GST</b>	\$ 234.19	6.00%	\$ 14.05	\$ 230.28	6.00%	\$ 13.82	(\$0.23)	(1.7)%	5.66%
<b>Total Bill after Taxes</b>			\$ 248.24			\$ 244.09	(\$4.14)	(1.7)%	100.00%

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

<b>Consumption</b>	<b>40,000 kWh</b>	<b>100 kW</b>	<b>Loss Factor 1.0601</b>
--------------------	-------------------	---------------	---------------------------

	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%	0.81%
Energy Second Tier (kWh)	41,654	\$ 0.0620	\$ 2,582.55	41,654	\$ 0.0620	\$ 2,582.55	\$0.00	0.0%	52.30%
<b>Sub-Total: Energy</b>			\$ 2,622.30			\$ 2,622.30	\$0.00	0.0%	53.11%
Monthly Service Charge	1	\$ 191.63	\$ 191.63	1	\$ 192.59	\$ 192.59	\$0.96	0.5%	3.90%
Distribution (kWh)	40,000	\$ -	\$ -	40,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	100	\$ 3.3730	\$ 337.30	100	\$ 3.3899	\$ 338.99	\$1.69	0.5%	6.87%
Regulatory Assets (kWh)	100	\$ 0.8670	\$ 86.70	100	\$ -	\$ -	(\$86.70)	(100.0)%	0.00%
Rate Riders	100	\$ -	\$ -	100	\$ -	\$ -	\$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	100	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	106	\$ 4.9013	\$ 519.59	106	\$ 4.9013	\$ 519.59	\$0.00	0.0%	10.52%
Retail Transmission Rate – Line and Transformation Connection Service Rate	106	\$ 4.1662	\$ 441.66	106	\$ 4.1662	\$ 441.66	\$0.00	0.0%	8.94%
<b>Sub-Total: Delivery</b>			\$ 1,576.88			\$ 1,492.83	(\$84.05)	(5.3)%	30.23%
Wholesale Market Service Rate	42404	\$ 0.0052	\$ 220.50	42404	\$ 0.0052	\$ 220.50	\$0.00	0.0%	4.47%
Rural Rate Protection Charge	42404	\$ 0.0010	\$ 42.40	42404	\$ 0.0010	\$ 42.40	\$0.00	0.0%	0.86%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.01%
<b>Sub-Total: Regulatory</b>			\$ 263.15			\$ 263.15	\$0.00	0.0%	5.33%
<b>Debt Retirement Charge (DRC)</b>	40,000	\$ 0.0070	\$ 280.00	40,000	\$ 0.0070	\$ 280.00	\$0.00	0.0%	5.67%
<b>Total Bill before Taxes</b>			\$ 4,742.33			\$ 4,658.28	(\$84.05)	(1.8)%	94.34%
<b>GST</b>	\$ 4,742.33	6.00%	\$ 284.54	\$ 4,658.28	6.00%	\$ 279.50	(\$5.04)	(1.8)%	5.66%
<b>Total Bill after Taxes</b>			\$ 5,026.87			\$ 4,937.78	(\$89.09)	(1.8)%	100.00%



**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL**

Whitby Hydro Electric Corporation  
 EB-2007-XXXX, EB-2007-0592, EB-2005-0435  
 OCT-26-2007

**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>1,000</b>	<b>kWh</b>	<b>0</b>	<b>kW</b>	<b>Loss Factor 1.0601</b>
--------------------	--------------	------------	----------	-----------	---------------------------

	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%	29.54%
Energy Second Tier (kWh)	310	\$ 0.0620	\$ 19.23	310	\$ 0.0620	\$ 19.23	\$0.00	0.0%	14.29%
<b>Sub-Total: Energy</b>			<b>\$ 58.98</b>			<b>\$ 58.98</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>43.82%</b>
Monthly Service Charge	1	\$ 9.97	\$ 9.97	1	\$ 10.02	\$ 10.02	\$0.05	0.5%	7.45%
Distribution (kWh)	1,000	\$ 0.0325	\$ 32.50	1,000	\$ 0.0327	\$ 32.70	\$0.20	0.6%	24.30%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	1,000	\$ 0.0026	\$ 2.60	1,000	\$ -	\$ -	(\$2.60)	(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	1,060	\$ 0.0058	\$ 6.15	1,060	\$ 0.0058	\$ 6.15	\$0.00	0.0%	4.57%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,060	\$ 0.0050	\$ 5.30	1,060	\$ 0.0050	\$ 5.30	\$0.00	0.0%	3.94%
<b>Sub-Total: Delivery</b>			<b>\$ 56.52</b>			<b>\$ 54.17</b>	<b>(\$2.35)</b>	<b>(4.2)%</b>	<b>40.25%</b>
Wholesale Market Service Rate	1060	\$ 0.0052	\$ 5.51	1060	\$ 0.0052	\$ 5.51	\$0.00	0.0%	4.10%
Rural Rate Protection Charge	1060	\$ 0.0010	\$ 1.06	1060	\$ 0.0010	\$ 1.06	\$0.00	0.0%	0.79%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.19%
<b>Sub-Total: Regulatory</b>			<b>\$ 6.82</b>			<b>\$ 6.82</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>5.07%</b>
Debt Retirement Charge (DRC)	1,000	\$ 0.0070	\$ 7.00	1,000	\$ 0.0070	\$ 7.00	\$0.00	0.0%	5.20%
<b>Total Bill before Taxes</b>			<b>\$ 129.32</b>			<b>\$ 126.97</b>	<b>(\$2.35)</b>	<b>(1.8)%</b>	<b>94.34%</b>
GST	\$ 129.32	6.00%	\$ 7.76	\$ 126.97	6.00%	\$ 7.62	(\$0.14)	(1.8)%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 137.08</b>			<b>\$ 134.59</b>	<b>(\$2.49)</b>	<b>(1.8)%</b>	<b>100.00%</b>

**Sentinel Lighting**

<b>Consumption</b>	<b>150</b>	<b>kWh</b>	<b>1</b>	<b>kW</b>	<b>Loss Factor 1.0601</b>
--------------------	------------	------------	----------	-----------	---------------------------

	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	159	\$ 0.0530	\$ 8.43	159	\$ 0.0530	\$ 8.43	\$0.00	0.0%	31.84%
Energy Second Tier (kWh)	0	\$ 0.0620	\$ -	0	\$ 0.0620	\$ -	\$0.00	0.0%	0.00%
<b>Sub-Total: Energy</b>			<b>\$ 8.43</b>			<b>\$ 8.43</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>31.84%</b>
Monthly Service Charge	1	\$ 2.87	\$ 2.87	1	\$ 2.88	\$ 2.88	\$0.01	0.3%	10.88%
Distribution (kWh)	150	\$ -	\$ -	150	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	1	\$ 7.7632	\$ 7.76	1	\$ 7.8020	\$ 7.80	\$0.04	0.5%	29.48%
Regulatory Assets (kWh)	1	\$ 3.6665	\$ 3.67	1	\$ -	\$ -	(\$3.67)	(100.0)%	0.00%
Rate Riders	1	\$ -	\$ -	1	\$ -	\$ -	\$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	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	1	\$ 1.8017	\$ 1.91	1	\$ 1.8017	\$ 1.91	\$0.00	0.0%	7.22%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	\$ 1.5685	\$ 1.66	1	\$ 1.5685	\$ 1.66	\$0.00	0.0%	6.28%
<b>Sub-Total: Delivery</b>			<b>\$ 17.87</b>			<b>\$ 14.25</b>	<b>(\$3.62)</b>	<b>(20.2)%</b>	<b>53.86%</b>
Wholesale Market Service Rate	159	\$ 0.0052	\$ 0.83	159	\$ 0.0052	\$ 0.83	\$0.00	0.0%	3.12%
Rural Rate Protection Charge	159	\$ 0.0010	\$ 0.16	159	\$ 0.0010	\$ 0.16	\$0.00	0.0%	0.60%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.94%
<b>Sub-Total: Regulatory</b>			<b>\$ 1.24</b>			<b>\$ 1.24</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>4.67%</b>
Debt Retirement Charge (DRC)	150	\$ 0.0070	\$ 1.05	150	\$ 0.0070	\$ 1.05	\$0.00	0.0%	3.97%
<b>Total Bill before Taxes</b>			<b>\$ 28.59</b>			<b>\$ 24.97</b>	<b>(\$3.62)</b>	<b>(12.7)%</b>	<b>94.34%</b>
GST	\$ 28.59	6.00%	\$ 1.72	\$ 24.97	6.00%	\$ 1.50	(\$0.22)	(12.7)%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 30.30</b>			<b>\$ 26.47</b>	<b>(\$3.83)</b>	<b>(12.7)%</b>	<b>100.00%</b>

**Street Lighting**



**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL**

Whitby Hydro Electric Corporation  
 EB-2007-XXXX, EB-2007-0592, EB-2005-0435  
 OCT-26-2007

**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.

<b>Consumption</b>	<b>800,000 kWh</b>	<b>2,000 kW</b>	<b>Loss Factor 1.0601</b>
--------------------	--------------------	-----------------	---------------------------

	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%	0.05%
Energy Second Tier (kWh)	847,330	\$ 0.0620	\$ 52,534.46	847,330	\$ 0.0620	\$ 52,534.46	\$0.00	0.0%	62.90%
<b>Sub-Total: Energy</b>			<b>\$ 52,574.21</b>			<b>\$ 52,574.21</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>62.95%</b>
Monthly Service Charge	1	\$ 1.04	\$ 1.04	1	\$ 1.05	\$ 1.05	\$0.01	1.0%	0.00%
Distribution (kWh)	800,000	\$ -	\$ -	800,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	2,000	\$ 4.1310	\$ 8,262.00	2,000	\$ 4.1517	\$ 8,303.40	\$41.40	0.5%	9.94%
Regulatory Assets (kWh)	2,000	\$ 2.1624	\$ 4,324.80	2,000	\$ -	\$ -	(\$4,324.80)	(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	2,120	\$ 1.7926	\$ 3,800.67	2,120	\$ 1.7926	\$ 3,800.67	\$0.00	0.0%	4.55%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,120	\$ 1.5363	\$ 3,257.26	2,120	\$ 1.5363	\$ 3,257.26	\$0.00	0.0%	3.90%
<b>Sub-Total: Delivery</b>			<b>\$ 19,645.77</b>			<b>\$ 15,362.38</b>	<b>(\$4,283.39)</b>	<b>(21.8)%</b>	<b>18.39%</b>
Wholesale Market Service Rate	848080	\$ 0.0052	\$ 4,410.02	848080	\$ 0.0052	\$ 4,410.02	\$0.00	0.0%	5.28%
Rural Rate Protection Charge	848080	\$ 0.0010	\$ 848.08	848080	\$ 0.0010	\$ 848.08	\$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>\$ 5,258.35</b>			<b>\$ 5,258.35</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>6.30%</b>
<b>Debt Retirement Charge (DRC)</b>	800,000	\$ 0.0070	\$ 5,600.00	800,000	\$ 0.0070	\$ 5,600.00	\$0.00	0.0%	6.70%
<b>Total Bill before Taxes</b>			<b>\$ 83,078.33</b>			<b>\$ 78,794.94</b>	<b>(\$4,283.39)</b>	<b>(5.2)%</b>	<b>94.34%</b>
<b>GST</b>	\$ 83,078.33	6.00%	\$ 4,984.70	\$ 78,794.94	6.00%	\$ 4,727.70	(\$257.00)	(5.2)%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 88,063.03</b>			<b>\$ 83,522.64</b>	<b>(\$4,540.39)</b>	<b>(5.2)%</b>	<b>100.00%</b>



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation  
 EB-2007-XXXX, EB-2007-0592, EB-2005-0435  
 OCT-26-2007

### 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		\$ 28.72	\$ 28.56	\$ (0.16)	-0.6%	-0.6%	-1.9%
	250		\$ 44.40	\$ 43.87	\$ (0.52)	-1.2%		
	500		\$ 70.52	\$ 69.39	\$ (1.13)	-1.6%		
	750		\$ 98.51	\$ 96.76	\$ (1.74)	-1.8%		
	1,000		\$ 127.16	\$ 124.80	\$ (2.35)	-1.9%		
	1,200		\$ 150.08	\$ 147.24	\$ (2.84)	-1.9%		
	1,500		\$ 184.46	\$ 180.89	\$ (3.57)	-1.9%		
General Service Less Than 50 kW	1,000		\$ 130.63	\$ 128.61	\$ (2.02)	-1.5%	-1.5%	-1.8%
	2,000		\$ 248.24	\$ 244.09	\$ (4.14)	-1.7%		
	3,000		\$ 365.84	\$ 359.58	\$ (6.26)	-1.7%		
	5,000		\$ 601.05	\$ 590.55	\$ (10.50)	-1.7%		
	7,500		\$ 895.06	\$ 879.26	\$ (15.80)	-1.8%		
	10,000		\$ 1,189.08	\$ 1,167.97	\$ (21.10)	-1.8%		
	15,000		\$ 1,777.10	\$ 1,745.39	\$ (31.70)	-1.8%		
General Service 50 to 4,999 kW	15,000	60	\$ 2,338.11	\$ 2,285.06	\$ (53.05)	-2.3%	-1.1%	-2.3%
	40,000	100	\$ 5,026.87	\$ 4,937.78	\$ (89.09)	-1.8%		
	100,000	200	\$ 11,538.63	\$ 11,359.43	\$ (179.20)	-1.6%		
	400,000	500	\$ 41,160.74	\$ 40,711.20	\$ (449.54)	-1.1%		
	750,000	1,500	\$ 85,264.21	\$ 83,913.56	\$ (1,350.64)	-1.6%		
	1,000,000	2,000	\$ 113,620.20	\$ 111,819.00	\$ (1,801.19)	-1.6%		
	2,500,000	3,500	\$ 261,730.73	\$ 258,577.87	\$ (3,152.85)	-1.2%		
	Unmetered Scattered Load	100		\$ 23.16	\$ 22.96	\$ (0.20)	-0.9%	-0.9%
500			\$ 72.48	\$ 71.26	\$ (1.22)	-1.7%		
1,000			\$ 137.08	\$ 134.59	\$ (2.49)	-1.8%		
2,000			\$ 270.48	\$ 265.44	\$ (5.04)	-1.9%		
3,000			\$ 403.87	\$ 396.30	\$ (7.58)	-1.9%		
4,000			\$ 537.27	\$ 527.15	\$ (10.12)	-1.9%		
5,000			\$ 670.67	\$ 658.01	\$ (12.67)	-1.9%		
Sentinel Lighting		100	1	\$ 26.60	\$ 22.77	\$ (3.83)	-14.4%	-5.4%
	200	1	\$ 34.00	\$ 30.16	\$ (3.83)	-11.3%		
	300	1	\$ 41.39	\$ 37.56	\$ (3.83)	-9.3%		
	400	1	\$ 48.79	\$ 44.95	\$ (3.83)	-7.9%		
	500	1	\$ 56.18	\$ 52.35	\$ (3.83)	-6.8%		
	600	1	\$ 63.58	\$ 59.74	\$ (3.83)	-6.0%		
	700	1	\$ 70.97	\$ 67.14	\$ (3.83)	-5.4%		



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Whitby Hydro Electric Corporation

EB-2007-XXXX, EB-2007-0592, EB-2005-0435

OCT-26-2007

### 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
Street Lighting	500,000	2,000	\$ 62,846.00	\$ 58,305.61	\$ (4,540.39)	-7.2%	-3.7%	-7.2%
	600,000	2,000	\$ 71,251.68	\$ 66,711.29	\$ (4,540.39)	-6.4%		
	700,000	2,000	\$ 79,657.35	\$ 75,116.96	\$ (4,540.39)	-5.7%		
	800,000	2,000	\$ 88,063.03	\$ 83,522.64	\$ (4,540.39)	-5.2%		
	900,000	2,000	\$ 96,468.70	\$ 91,928.31	\$ (4,540.39)	-4.7%		
	1,000,000	2,000	\$ 104,874.38	\$ 100,333.99	\$ (4,540.39)	-4.3%		
	1,200,000	2,000	\$ 121,685.73	\$ 117,145.34	\$ (4,540.39)	-3.7%		