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October 29, 2007

Ontario Energy Board  
26th Floor  
2300 Yonge Street  
Toronto, Ontario  
M4P 1E4

ATT: Ms. Kirsten Walli, Board Secretary

Dear Ms. Walli,

**EB - 2007 - 0545**

**ED - 2002 - 0520**

**2008 Incentive Rate Mechanism Adjustment Application  
For Innisfil Hydro Distribution Systems Limited**

In accordance with instructions released September 28, 2007 Innisfil Hydro Distributions Systems Limited requests a final order for Electricity Distribution Rates commencing May 1, 2008.

This application contains the following parts:

- Manager's Summary,
- Completed 2008 IRM excel model

Two (2) hard copies of this application are enclosed, together with a CD containing an electronic copy of the entire filing and the 2008 IRM Model in excel.

This application is respectfully submitted for the Board's consideration.

Thank you,

Laurie Ann Cooledge, CMA, CPA  
CFO/Treasurer  
(705) 431-6870, ext. 236

Encls.

**Manager's Summary**

Innisfil Hydro Distribution Systems Limited (IHDSL) served 14,021 electric customers and 2,490 Street Light connections in the Town of Innisfil at December 31, 2006. Included in the 14,021 customers are 12,949 Residential customers, 816 General Service customers less than 50kW, 67 General Service customers who exceed the 50kW threshold, 184 Sentinel Light customers and 5 Street Light customers.

IHDSL is submitting the Incentive Rate Mechanism Adjustment model as requested in the September 28, 2007 letter re: Cost of Capital (EB-2006-0088 and 2nd Generation Incentive Regulation Mechanism (EB-2006-0089) Issuance of the Report of the Board and Instructions for Filing 2008 Rate Applications, and is requesting approval for those rate adjustments consistent with those contained in the model.

As requested, we have electronically filed through the Board's web portal 1 electronic copy of the application in a searchable/unrestricted PDF format. We have also emailed 1 copy of the completed 2008 IRM model in Excel to the Board. We have enclosed 2 hard copies of the Covering Letter, Manager's Summary and the 2008 IRM Model and a CD containing both an electronic copy of the PDF document emailed earlier and a completed copy of the 2008 IRM Model in excel.

The revised distribution rates when approved will be implemented by IHDSL on May 1, 2008.

These rates will be reflected on a pro-rated basis with pre-May 1 consumption at the old distribution rates and post-May 1 consumption at the new distribution rates.

The distribution rate adjustments have the following impact on customers of IHDSL:

<b>Customer Class</b>	<b>Distribution Charges</b>
<b>Residential 1,000 kWh</b>	-\$3.88 or -3.0%
<b>General Service &lt;50kW 2,000 kWh</b>	-\$5.66 or -2.3%
<b>General Service &gt;50kW 15,000 kWh 60 kW</b>	-\$38.01 or -1.6%

If you have any questions please contact Laurie Ann Cooledge, CFO/Treasurer at Innisfil Hydro Distribution Systems Limited at 705-431-6870 ext 236, email: lauriec@innisfilhydro.com.



# Ontario Energy Board

## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

### Sheet 1 Utility Information Sheet

<b>Legend:</b>	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.

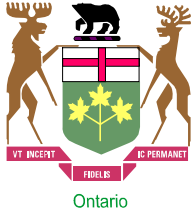
<b>Name of LDC:</b>	Innisfil Hydro Distribution Systems Limited		
<b>Licence Number:</b>	ED-2002-0520		
<b>IRM 2008 EB Number:</b> (if known)	EB-2007-XXXX		
<b>IRM 2007 EB Number:</b>	EB-2007-0545		
<b>EDR 2006 RP Number:</b>	RP-2005-0020	<b>EDR 2006 EB Number:</b>	EB-2005-0382
<b>Date of Submission:</b>	10/29/07	<b>Last Saved Date:</b>	10/17/07 12:14 PM
<b>Model Version:</b>	2.0		
<b>Contact Information</b>			
<b>Name:</b>	Laurie Ann Cooledge		
<b>Title:</b>	CFO/Treasurer		
<b>Phone Number:</b>	705-431-6870 ext 236		
<b>E-Mail Address:</b>	lauriec@innisfilhydro.com		

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

#### Comments

#### Copyright

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



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

### Innisfil Hydro Distribution Systems Limited

EB-2007-XXXX, EB-2007-0545, EB-2005-0382

October 29, 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**

**Innisfil Hydro Distribution Systems Limited**

**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**

**October 29, 2007**

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

**MONTHLY RATES AND CHARGES**

Using the pull-down menu in below, indicate whether (Yes) or rate riders will be continuing into rate year

**Residential**

Service Charge	\$	19.58	
Distribution Volumetric Rate	\$/kWh	0.0155	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0039	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0063	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0037	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

**General Service Less Than 50 kW**

Service Charge	\$	36.88	
Distribution Volumetric Rate	\$/kWh	0.0121	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0029	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0034	
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	\$	361.16	
Distribution Volumetric Rate	\$/kW	3.3672	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	0.6634	No
Retail Transmission Rate – Network Service Rate	\$/kW	2.3267	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3369	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW	2.2535	
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW	1.9603	
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	\$	18.30	
Distribution Volumetric Rate	\$/kWh	0.0121	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0053	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0034	
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	





column H  
not (No) the  
the 2008-09









**2008 INCENTIVE RATE MECHANISM ADJUSTMENT  
Innisfil Hydro Distribution Systems Limited**

**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**

**October 29, 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

**Innisfil Hydro Distribution Systems Limited**

EB-2007-XXXX, EB-2007-0545, EB-2005-0382

October 29, 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>	\$ 19.58	\$ 0.0155	\$ 0.28	\$ 0.28	\$ 19.30	\$ 0.0155	\$/kWh
<i>General Service Less Than 50 kW</i>	\$ 36.88	\$ 0.0121	\$ 0.28	\$ 0.28	\$ 36.60	\$ 0.0121	\$/kWh
<i>General Service 50 to 4,999 kW</i>	\$ 361.16	\$ 3.3672	\$ 0.28	\$ 0.28	\$ 360.88	\$ 3.3672	\$/kW
<i>Unmetered Scattered Load</i>	\$ 18.30	\$ 0.0121	\$ -	\$ -	\$ 18.30	\$ 0.0121	\$/kWh
<i>Sentinel Lighting</i>	\$ 1.34	\$ 7.0320	\$ -	\$ -	\$ 1.34	\$ 7.0320	\$/kW
<i>Street Lighting</i>	\$ 0.67	\$ 5.0665	\$ -	\$ -	\$ 0.67	\$ 5.0665	\$/kW



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

### Innisfil Hydro Distribution Systems Limited

**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**

**October 29, 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	9.19%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ 19,598,718	(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	9.095%	= (E1 X B) + (E2 X A)	<b>Weighted Average Cost of capital</b>
2008	H	9.10%	= (F1 X B) + (F2 X A)	

#### Return on Rate Base

Current	I	\$ 1,782,503.40	= C X G / 100
2008	J	\$ 1,783,732.24	= C X H / 100

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

Distribution Expenses (other than PILs)	K	\$ 4,447,692	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base Revenue Requirement	L	\$ 6,553,120	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Transformer Allowance Credit	M	\$ 8,954	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)

#### Revenue Requirement (before PILs)

Current	N	\$ 6,230,195.40	= I + K
2008	O	\$ 6,231,424.24	= J + K

#### Target Net Income (EBIT)

Current	\$ 881,942.31	P1 = I - P2
2008	\$ 823,734.12	Q1 = J - Q2

#### Interest Expense

Current	\$ 900,561.09	P2 = C X (B X E1 / 100)
2008	\$ 959,998.12	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%)	\$ 37,881	T	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
PILs Allowance	\$ 761,785	U	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
Taxable Income	Current \$ 1,311,466	AC	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D11)
	2008 \$ 1,290,441	AD	= AC + (Q1 - P1) * (R / 100)
Federal Tax (grossed up)	Current \$ 741,549	V	= AC * (R / 100) / (1 - R / 100) 779,430
	2008 \$ 729,661	W	= AD * (R / 100) / (1 - R / 100)

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

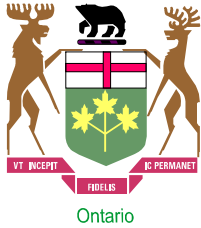
##### Revenue Requirement (less LCT) (LCT is removed as it was removed in from rates in 2007 EDR)

Current	\$ 7,009,625.43	X	= N + V + T
2008	\$ 6,998,966.11	Y	= O + W + T

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

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

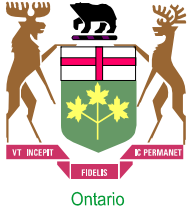
Current	\$ 6,562,074.00	Z	= L + M
2008	\$ 6,551,414.68	AA1	= Z + (Y - X)
Difference	\$ - 10,659.32	AA2	= AA1 - Z
K-factor	-0.2%	AB	= AA2 / Z



**2008 INCENTIVE RATE MECHANISM ADJUSTMENT**  
**Innisfil Hydro Distribution Systems Limited**  
**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**  
**October 29, 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%	-0.2%	0.7%
	Adjusted Monthly Service Charge	<b>Monthly Service Charge with Price Cap Adjustment</b>	Adjusted Volumetric Rate <b>(kW / kWh)</b>	<b>Volumetric Rate with Price Cap Adjustment</b>
<i>Residential</i>	\$ 19.30	\$ 19.44	\$ 0.0155	\$ 0.0156
<i>General Service Less Than 50 kW</i>	\$ 36.60	\$ 36.86	\$ 0.0121	\$ 0.0122
<i>General Service 50 to 4,999 kW</i>	\$ 360.88	\$ 363.41	\$ 3.3672	\$ 3.3908
<i>Unmetered Scattered Load</i>	\$ 18.30	\$ 18.43	\$ 0.0121	\$ 0.0122
<i>Sentinel Lighting</i>	\$ 1.34	\$ 1.35	\$ 7.0320	\$ 7.0812
<i>Street Lighting</i>	\$ 0.67	\$ 0.67	\$ 5.0665	\$ 5.1020



**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL**  
**Innisfil Hydro Distribution Systems Limited**  
**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**  
**October 29, 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>	\$ 19.44	\$ 0.28	\$ 19.72	0.0156
<i>General Service Less Than 50 kW</i>	\$ 36.86	\$ 0.28	\$ 37.14	0.0122
<i>General Service 50 to 4,999 kW</i>	\$ 363.41	\$ 0.28	\$ 363.69	3.3908
<i>Unmetered Scattered Load</i>	\$ 18.43	\$ -	\$ 18.43	0.0122
<i>Sentinel Lighting</i>	\$ 1.35	\$ -	\$ 1.35	7.0812
<i>Street Lighting</i>	\$ 0.67	\$ -	\$ 0.67	5.1020



**2008 INCENTIVE RATE MECHANISM ADJUSTMENT**  
**Innisfil Hydro Distribution Systems Limited**  
**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**  
**October 29, 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>		



# Innisfil Hydro Distribution Systems Limited

## 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

FOR OEB STAFF USE ONLY

### MONTHLY RATES AND CHARGES

#### Residential

Service Charge	\$	19.72
Distribution Volumetric Rate	\$/kWh	0.0156
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0037
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### General Service Less Than 50 kW

Service Charge	\$	37.14
Distribution Volumetric Rate	\$/kWh	0.0122
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0034
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	\$	363.69
Distribution Volumetric Rate	\$/kW	3.3908
Retail Transmission Rate – Network Service Rate	\$/kW	2.3267
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3369
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW	2.2535
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW	1.9603
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	\$	18.43
Distribution Volumetric Rate	\$/kWh	0.0122
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0034
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	\$	1.35
Distribution Volumetric Rate	\$/kW	7.0812
Retail Transmission Rate – Network Service Rate	\$/kW	1.7636
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0551
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	\$	0.67
Distribution Volumetric Rate	\$/kW	5.1020
Retail Transmission Rate – Network Service Rate	\$/kW	1.7547
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0335
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
Easement letter	\$	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)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Special meter reads	\$	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	15.00
Collection of account charge - no disconnection - after regular hours	0	165.00
Disconnect/Reconnect at meter - during regular hours	0	40.00
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	\$	40.00
Install/Remove load control device - after regular hours	\$	185.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Install/Remove load control device - during regular hours	\$	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	\$	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

## LOSS FACTORS

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0539
Total Loss Factor – Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0434
Total Loss Factor – Primary Metered Customer > 5,000 kW	N/A

**EB-2007-0545**









## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

### Innisfil Hydro Distribution Systems Limited

EB-2007-XXXX, EB-2007-0545, EB-2005-0382

October 29, 2007

## Sheet 11 - Distribution Rate Change Summary

Note: No inputs are required for this worksheet.

#### Residential

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 19.58	\$ 0.0155
Less: Smart meters	-\$ 0.28	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPI - X	\$ 0.17	\$ 0.0001
Add: K-Factor	\$ (0.04)	-\$ 0.0000
Add: Smart Meters	\$ 0.28	\$ -
<b>Final 2008 Rates</b>	<b>\$ 19.72</b>	<b>\$ 0.0156</b>

#### General Service Less Than 50 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 36.88	\$ 0.0121
Less: Smart meters	-\$ 0.28	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPI - X	\$ 0.33	\$ 0.0001
Add: K-Factor	\$ (0.07)	-\$ 0.0000
Add: Smart Meters	\$ 0.28	\$ -
<b>Final 2008 Rates</b>	<b>\$ 37.14</b>	<b>\$ 0.0122</b>

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

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 361.16	\$ 3.3672
Less: Smart meters	-\$ 0.28	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPI - X	\$ 3.25	\$ 0.0303
Add: K-Factor	\$ (0.72)	-\$ 0.0067
Add: Smart Meters	\$ 0.28	\$ -
<b>Final 2008 Rates</b>	<b>\$ 363.69</b>	<b>\$ 3.3908</b>

#### Unmetered Scattered Load

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 18.30	\$ 0.0121
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPI - X	\$ 0.16	\$ 0.0001
Add: K-Factor	\$ (0.04)	-\$ 0.0000
Add: Smart Meters	\$ -	\$ -
<b>Final 2008 Rates</b>	<b>\$ 18.43</b>	<b>\$ 0.0122</b>



**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL**

**Innisfil Hydro Distribution Systems Limited**

**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**

**October 29, 2007**

**Sheet 11 - Distribution Rate Change Summary**

Sentinel Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 1.34	\$ 7.0320
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.01	\$ 0.0633
Add: K-Factor	\$ (0.00)	-\$ 0.0141
Add: Smart Meters	\$ -	\$ -
<b>Final 2008 Rates</b>	<b>\$ 1.35</b>	<b>\$ 7.0812</b>

Street Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 0.67	\$ 5.0665
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.01	\$ 0.0456
Add: K-Factor	\$ (0.00)	-\$ 0.0101
Add: Smart Meters	\$ -	\$ -
<b>Final 2008 Rates</b>	<b>\$ 0.67</b>	<b>\$ 5.1020</b>





**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL**

**Innisfil Hydro Distribution Systems Limited**

**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**

**October 29, 2007**

**Sheet 11 - Distribution Rate Change Summary**





**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL**

**Innisfil Hydro Distribution Systems Limited**

**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**

**October 29, 2007**

**Sheet 11 - Distribution Rate Change Summary**



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Innisfil Hydro Distribution Systems Limited

EB-2007-XXXX, EB-2007-0545, EB-2005-0382

October 29, 2007

Sheet 12 - Annualized Bill Impact

**Instructions**

(Remember, green cells are input cells)

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

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

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

**Residential**

<b>Consumption</b>	<b>1,000 kWh</b>	<b>0 kW</b>	<b>Loss Factor 1.0539</b>
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	2007 BILL			2008 BILL			IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	600	\$ 0.0530	\$ 31.80	600	\$ 0.0530	\$ 31.80	\$0.00	0.0%
Energy Second Tier (kWh)	454	\$ 0.0620	\$ 28.14	454	\$ 0.0620	\$ 28.14	\$0.00	0.0%
<b>Sub-Total: Energy</b>			<b>\$ 59.94</b>			<b>\$ 59.94</b>	<b>\$0.00</b>	<b>0.0%</b>
Monthly Service Charge	1	\$ 19.58	\$ 19.58	1	\$ 19.72	\$ 19.72	\$0.14	0.7%
Distribution (kWh)	1,000	\$ 0.0155	\$ 15.50	1,000	\$ 0.0156	\$ 15.60	\$0.10	0.6%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%
Regulatory Assets (kWh)	1,000	\$ 0.0039	\$ 3.90	1,000	\$ -	\$ -	(\$3.90)	(100.0)%
Rate Riders	1,000	\$ -	\$ -	1,000	\$ -	\$ -	\$0.00	0.0%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1,000	\$ -	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	1,054	\$ 0.0063	\$ 6.64	1,054	\$ 0.0063	\$ 6.64	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,054	\$ 0.0037	\$ 3.90	1,054	\$ 0.0037	\$ 3.90	\$0.00	0.0%
<b>Sub-Total: Delivery</b>			<b>\$ 49.52</b>			<b>\$ 45.86</b>	<b>(\$3.66)</b>	<b>(7.4)%</b>
Wholesale Market Service Rate	1054	\$ 0.0052	\$ 5.48	1054	\$ 0.0052	\$ 5.48	\$0.00	0.0%
Rural Rate Protection Charge	1054	\$ 0.0010	\$ 1.05	1054	\$ 0.0010	\$ 1.05	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
<b>Sub-Total: Regulatory</b>			<b>\$ 6.78</b>			<b>\$ 6.78</b>	<b>\$0.00</b>	<b>0.0%</b>
Debt Retirement Charge (DRC)	1,000	\$ 0.0070	\$ 7.00	1,000	\$ 0.0070	\$ 7.00	\$0.00	0.0%
<b>Total Bill before Taxes</b>			<b>\$ 123.24</b>			<b>\$ 119.58</b>	<b>(\$3.66)</b>	<b>(3.0)%</b>
GST	\$ 123.24	6.00%	\$ 7.39	\$ 119.58	6.00%	\$ 7.18	(\$0.22)	(3.0)%
<b>Total Bill after Taxes</b>			<b>\$ 130.64</b>			<b>\$ 126.76</b>	<b>(\$3.88)</b>	<b>(3.0)%</b>

**General Service Less Than 50 kW**

<b>Consumption</b>	<b>2,000 kWh</b>	<b>0 kW</b>	<b>Loss Factor 1.0539</b>
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	2007 BILL			2008 BILL			IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%
Energy Second Tier (kWh)	1,358	\$ 0.0620	\$ 84.18	1,358	\$ 0.0620	\$ 84.18	\$0.00	0.0%
<b>Sub-Total: Energy</b>			<b>\$ 123.93</b>			<b>\$ 123.93</b>	<b>\$0.00</b>	<b>0.0%</b>
Monthly Service Charge	1	\$ 36.88	\$ 36.88	1	\$ 37.14	\$ 37.14	\$0.26	0.7%
Distribution (kWh)	2,000	\$ 0.0121	\$ 24.20	2,000	\$ 0.0122	\$ 24.40	\$0.20	0.8%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%
Regulatory Assets (kWh)	2,000	\$ 0.0029	\$ 5.80	2,000	\$ -	\$ -	(\$5.80)	(100.0)%
Rate Riders	2,000	\$ -	\$ -	2,000	\$ -	\$ -	\$0.00	0.0%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	2,000	\$ -	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	2,108	\$ 0.0057	\$ 12.01	2,108	\$ 0.0057	\$ 12.01	\$0.00	0.0%



**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL**

**Innisfil Hydro Distribution Systems Limited**

**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**

**October 29, 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.

Retail Transmission Rate – Line and Transformation Connection Service Rate	2,108	\$ 0.0034	\$ 7.17	2,108	\$ 0.0034	\$ 7.17	\$0.00	0.0%
<b>Sub-Total: Delivery</b>			<b>\$ 86.06</b>			<b>\$ 80.72</b>	<b>(\$5.34)</b>	<b>(6.2)%</b>
Wholesale Market Service Rate	2108	\$ 0.0052	\$ 10.96	2108	\$ 0.0052	\$ 10.96	\$0.00	0.0%
Rural Rate Protection Charge	2108	\$ 0.0010	\$ 2.11	2108	\$ 0.0010	\$ 2.11	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
<b>Sub-Total: Regulatory</b>			<b>\$ 13.32</b>			<b>\$ 13.32</b>	<b>\$0.00</b>	<b>0.0%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	\$ 0.0070	\$ 14.00	2,000	\$ 0.0070	\$ 14.00	<b>\$0.00</b>	<b>0.0%</b>
<b>Total Bill before Taxes</b>			<b>\$ 237.31</b>			<b>\$ 231.97</b>	<b>(\$5.34)</b>	<b>(2.3)%</b>
GST	\$ 237.31	6.00%	\$ 14.24	\$ 231.97	6.00%	\$ 13.92	<b>(\$0.32)</b>	<b>(2.3)%</b>
<b>Total Bill after Taxes</b>			<b>\$ 251.55</b>			<b>\$ 245.89</b>	<b>(\$5.66)</b>	<b>(2.3)%</b>

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

<b>Consumption</b>	<b>2,000,000 kWh</b>	<b>5,000 kW</b>	<b>Loss Factor 1.0539</b>
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	2007 BILL			2008 BILL			IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%
Energy Second Tier (kWh)	2,107,050	\$ 0.0620	\$ 130,637.10	2,107,050	\$ 0.0620	\$ 130,637.10	\$0.00	0.0%
<b>Sub-Total: Energy</b>			<b>\$ 130,676.85</b>			<b>\$ 130,676.85</b>	<b>\$0.00</b>	<b>0.0%</b>
Monthly Service Charge	1	\$ 361.16	\$ 361.16	1	\$ 363.69	\$ 363.69	\$2.53	0.7%
Distribution (kWh)	2,000,000	\$ -	\$ -	2,000,000	\$ -	\$ -	\$0.00	0.0%
Distribution (kW)	5,000	\$ 3.3672	\$ 16,836.00	5,000	\$ 3.3908	\$ 16,954.00	\$118.00	0.7%
Regulatory Assets (kWh)	5,000	\$ 0.6634	\$ 3,317.00	5,000	\$ -	\$ -	(\$3,317.00)	(100.0)%
Rate Riders	5,000	\$ -	\$ -	5,000	\$ -	\$ -	\$0.00	0.0%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	5,000	\$ -	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	5,270	\$ 4.5802	\$ 24,135.36	5,270	\$ 4.5802	\$ 24,135.36	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	5,270	\$ 3.2972	\$ 17,374.60	5,270	\$ 3.2972	\$ 17,374.60	\$0.00	0.0%
<b>Sub-Total: Delivery</b>			<b>\$ 62,024.12</b>			<b>\$ 58,827.65</b>	<b>(\$3,196.47)</b>	<b>(5.2)%</b>
Wholesale Market Service Rate	2107800	\$ 0.0052	\$ 10,960.56	2107800	\$ 0.0052	\$ 10,960.56	\$0.00	0.0%
Rural Rate Protection Charge	2107800	\$ 0.0010	\$ 2,107.80	2107800	\$ 0.0010	\$ 2,107.80	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
<b>Sub-Total: Regulatory</b>			<b>\$ 13,068.61</b>			<b>\$ 13,068.61</b>	<b>\$0.00</b>	<b>0.0%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000,000	\$ 0.0070	\$ 14,000.00	2,000,000	\$ 0.0070	\$ 14,000.00	<b>\$0.00</b>	<b>0.0%</b>
<b>Total Bill before Taxes</b>			<b>\$ 219,769.58</b>			<b>\$ 216,573.11</b>	<b>(\$3,196.47)</b>	<b>(1.5)%</b>
GST	\$ 219,769.58	6.00%	\$ 13,186.17	\$ 216,573.11	6.00%	\$ 12,994.39	<b>(\$191.79)</b>	<b>(1.5)%</b>
<b>Total Bill after Taxes</b>			<b>\$ 232,955.75</b>			<b>\$ 229,567.50</b>	<b>(\$3,388.26)</b>	<b>(1.5)%</b>



**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL**

**Innisfil Hydro Distribution Systems Limited**

**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**

**October 29, 2007**

**Sheet 12 - Annualized Bill Impact**

**Instructions**

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

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

**Unmetered Scattered Load**

<b>Consumption</b>	<b>2,000,000 kWh</b>	<b>5,000 kW</b>	<b>Loss Factor 1.0539</b>
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	2007 BILL			2008 BILL			IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%
Energy Second Tier (kWh)	2,107,050	\$ 0.0620	\$ 130,637.10	2,107,050	\$ 0.0620	\$ 130,637.10	\$0.00	0.0%
<b>Sub-Total: Energy</b>			<b>\$ 130,676.85</b>			<b>\$ 130,676.85</b>	<b>\$0.00</b>	<b>0.0%</b>
Monthly Service Charge	1	\$ 18.30	\$ 18.30	1	\$ 18.43	\$ 18.43	\$0.13	0.7%
Distribution (kWh)	2,000,000	\$ -	\$ -	2,000,000	\$ -	\$ -	\$0.00	0.0%
Distribution (kW)	5,000	\$ 0.0121	\$ 60.50	5,000	\$ 0.0122	\$ 61.00	\$0.50	0.8%
Regulatory Assets (kWh)	5,000	\$ 0.0053	\$ 26.50	5,000	\$ -	\$ -	(\$26.50)	(100.0)%
Rate Riders	5,000	\$ -	\$ -	5,000	\$ -	\$ -	\$0.00	0.0%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	5,000	\$ -	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	5,270	\$ 0.0057	\$ 30.04	5,270	\$ 0.0057	\$ 30.04	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	5,270	\$ 0.0034	\$ 17.92	5,270	\$ 0.0034	\$ 17.92	\$0.00	0.0%
<b>Sub-Total: Delivery</b>			<b>\$ 153.25</b>			<b>\$ 127.38</b>	<b>(\$25.87)</b>	<b>(16.9)%</b>
Wholesale Market Service Rate	2107800	\$ 0.0052	\$ 10,960.56	2107800	\$ 0.0052	\$ 10,960.56	\$0.00	0.0%
Rural Rate Protection Charge	2107800	\$ 0.0010	\$ 2,107.80	2107800	\$ 0.0010	\$ 2,107.80	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
<b>Sub-Total: Regulatory</b>			<b>\$ 13,068.61</b>			<b>\$ 13,068.61</b>	<b>\$0.00</b>	<b>0.0%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000,000	\$ 0.0070	\$ 14,000.00	2,000,000	\$ 0.0070	\$ 14,000.00	\$0.00	0.0%
<b>Total Bill before Taxes</b>			<b>\$ 157,898.71</b>			<b>\$ 157,872.84</b>	<b>(\$25.87)</b>	<b>(0.0)%</b>
<b>GST</b>	\$ 157,898.71	6.00%	\$ 9,473.92	\$ 157,872.84	6.00%	\$ 9,472.37	<b>(\$1.55)</b>	<b>(0.0)%</b>
<b>Total Bill after Taxes</b>			<b>\$ 167,372.64</b>			<b>\$ 167,345.21</b>	<b>(\$27.42)</b>	<b>(0.0)%</b>

**Sentinel Lighting**

<b>Consumption</b>	<b>2,000,000 kWh</b>	<b>5,000 kW</b>	<b>Loss Factor 1.0539</b>
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	2007 BILL			2008 BILL			IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%
Energy Second Tier (kWh)	2,107,050	\$ 0.0620	\$ 130,637.10	2,107,050	\$ 0.0620	\$ 130,637.10	\$0.00	0.0%
<b>Sub-Total: Energy</b>			<b>\$ 130,676.85</b>			<b>\$ 130,676.85</b>	<b>\$0.00</b>	<b>0.0%</b>
Monthly Service Charge	1	\$ 1.34	\$ 1.34	1	\$ 1.35	\$ 1.35	\$0.01	0.7%
Distribution (kWh)	2,000,000	\$ -	\$ -	2,000,000	\$ -	\$ -	\$0.00	0.0%
Distribution (kW)	5,000	\$ 7.0320	\$ 35,160.00	5,000	\$ 7.0812	\$ 35,406.00	\$246.00	0.7%
Regulatory Assets (kWh)	5,000	\$ 1.0251	\$ 5,125.50	5,000	\$ -	\$ -	(\$5,125.50)	(100.0)%
Rate Riders	5,000	\$ -	\$ -	5,000	\$ -	\$ -	\$0.00	0.0%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	5,000	\$ -	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	5,270	\$ 1.7636	\$ 9,293.29	5,270	\$ 1.7636	\$ 9,293.29	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	5,270	\$ 1.0551	\$ 5,559.85	5,270	\$ 1.0551	\$ 5,559.85	\$0.00	0.0%
<b>Sub-Total: Delivery</b>			<b>\$ 55,139.98</b>			<b>\$ 50,260.49</b>	<b>(\$4,879.49)</b>	<b>(8.8)%</b>
Wholesale Market Service Rate	2107800	\$ 0.0052	\$ 10,960.56	2107800	\$ 0.0052	\$ 10,960.56	\$0.00	0.0%
Rural Rate Protection Charge	2107800	\$ 0.0010	\$ 2,107.80	2107800	\$ 0.0010	\$ 2,107.80	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
<b>Sub-Total: Regulatory</b>			<b>\$ 13,068.61</b>			<b>\$ 13,068.61</b>	<b>\$0.00</b>	<b>0.0%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000,000	\$ 0.0070	\$ 14,000.00	2,000,000	\$ 0.0070	\$ 14,000.00	\$0.00	0.0%
<b>Total Bill before Taxes</b>			<b>\$ 212,885.44</b>			<b>\$ 208,005.95</b>	<b>(\$4,879.49)</b>	<b>(2.3)%</b>
<b>GST</b>	\$ 212,885.44	6.00%	\$ 12,773.13	\$ 208,005.95	6.00%	\$ 12,480.36	<b>(\$292.77)</b>	<b>(2.3)%</b>



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Innisfil Hydro Distribution Systems Limited

EB-2007-XXXX, EB-2007-0545, EB-2005-0382

October 29, 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.

Total Bill after Taxes	\$	225,658.57		\$	220,486.31	(\$5,172.26)	(2.3)%
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**Street Lighting**

<b>Consumption</b>	<b>2,000,000 kWh</b>	<b>5,000 kW</b>	<b>Loss Factor 1.0539</b>
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	2007 BILL			2008 BILL			IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%
Energy Second Tier (kWh)	2,107,050	\$ 0.0620	\$ 130,637.10	2,107,050	\$ 0.0620	\$ 130,637.10	\$0.00	0.0%
<b>Sub-Total: Energy</b>			<b>\$ 130,676.85</b>			<b>\$ 130,676.85</b>	<b>\$0.00</b>	<b>0.0%</b>
Monthly Service Charge	1	\$ 0.67	\$ 0.67	1	\$ 0.67	\$ 0.67	\$0.00	0.0%
Distribution (kWh)	2,000,000	\$ -	\$ -	2,000,000	\$ -	\$ -	\$0.00	0.0%
Distribution (kW)	5,000	\$ 5.0665	\$ 25,332.50	5,000	\$ 5.1020	\$ 25,510.00	\$177.50	0.7%
Regulatory Assets (kWh)	5,000	\$ 0.7686	\$ 3,843.00	5,000	\$ -	\$ -	(\$3,843.00)	(100.0)%
Rate Riders	5,000	\$ -	\$ -	5,000	\$ -	\$ -	\$0.00	0.0%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	5,000	\$ -	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	5,270	\$ 1.7547	\$ 9,246.39	5,270	\$ 1.7547	\$ 9,246.39	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	5,270	\$ 1.0335	\$ 5,446.03	5,270	\$ 1.0335	\$ 5,446.03	\$0.00	0.0%
<b>Sub-Total: Delivery</b>			<b>\$ 43,868.59</b>			<b>\$ 40,203.09</b>	<b>(\$3,665.50)</b>	<b>(8.4)%</b>
Wholesale Market Service Rate	2107800	\$ 0.0052	\$ 10,960.56	2107800	\$ 0.0052	\$ 10,960.56	\$0.00	0.0%
Rural Rate Protection Charge	2107800	\$ 0.0010	\$ 2,107.80	2107800	\$ 0.0010	\$ 2,107.80	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
<b>Sub-Total: Regulatory</b>			<b>\$ 13,068.61</b>			<b>\$ 13,068.61</b>	<b>\$0.00</b>	<b>0.0%</b>
Debt Retirement Charge (DRC)	2,000,000	\$ 0.0070	\$ 14,000.00	2,000,000	\$ 0.0070	\$ 14,000.00	\$0.00	0.0%
<b>Total Bill before Taxes</b>			<b>\$ 201,614.05</b>			<b>\$ 197,948.55</b>	<b>(\$3,665.50)</b>	<b>(1.8)%</b>
GST	\$ 201,614.05	6.00%	\$ 12,096.84	\$ 197,948.55	6.00%	\$ 11,876.91	(\$219.93)	(1.8)%
<b>Total Bill after Taxes</b>			<b>\$ 213,710.89</b>			<b>\$ 209,825.46</b>	<b>(\$3,885.43)</b>	<b>(1.8)%</b>





2.91%
<b>32.83%</b>
4.46%
0.86%
0.10%
<b>5.42%</b>
<b>5.69%</b>
<b>94.34%</b>
<b>5.66%</b>
<b>100.00%</b>

<b>% of Total Bill</b>
0.02%
56.91%
<b>56.92%</b>
0.16%
0.00%
7.39%
0.00%
0.00%
0.00%
0.00%
10.51%
7.57%
<b>25.63%</b>
4.77%
0.92%
0.00%
<b>5.69%</b>
<b>6.10%</b>
<b>94.34%</b>
<b>5.66%</b>
<b>100.00%</b>





% of Total Bill
0.02%
78.06%
<b>78.09%</b>
0.01%
0.00%
0.04%
0.00%
0.00%
0.00%
0.00%
0.00%
0.02%
0.01%
<b>0.08%</b>
6.55%
1.26%
0.00%
<b>7.81%</b>
<b>8.37%</b>
<b>94.34%</b>
<b>5.66%</b>
<b>100.00%</b>

% of Total Bill
0.02%
59.25%
<b>59.27%</b>
0.00%
0.00%
16.06%
0.00%
0.00%
0.00%
0.00%
0.00%
4.21%
2.52%
<b>22.80%</b>
4.97%
0.96%
0.00%
<b>5.93%</b>
<b>6.35%</b>
<b>94.34%</b>
<b>5.66%</b>

100.00%

100.00%

% of Total Bill
0.02%
62.26%
62.28%
0.00%
0.00%
12.16%
0.00%
0.00%
0.00%
0.00%
4.41%
2.60%
19.16%
5.22%
1.00%
0.00%
6.23%
6.67%
94.34%
5.66%
100.00%



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

**Innisfil Hydro Distribution Systems Limited**

**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**

**October 29, 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		\$ 31.55	\$ 31.29	\$ (0.25)	-0.8%	-0.8%	-3.1%
	250		\$ 47.34	\$ 46.48	\$ (0.86)	-1.8%		
	500		\$ 73.66	\$ 71.80	\$ (1.87)	-2.5%		
	600		\$ 84.50	\$ 82.23	\$ (2.27)	-2.7%		
	750		\$ 101.80	\$ 98.93	\$ (2.87)	-2.8%		
	1,000		\$ 130.64	\$ 126.76	\$ (3.88)	-3.0%		
	1,500		\$ 188.31	\$ 182.42	\$ (5.89)	-3.1%		
General Service Less Than 50 kW	2,000		\$ 251.55	\$ 245.89	\$ (5.66)	-2.3%	-2.3%	-2.6%
	2,500		\$ 306.39	\$ 299.24	\$ (7.14)	-2.3%		
	4,000		\$ 470.90	\$ 459.30	\$ (11.60)	-2.5%		
	5,000		\$ 580.58	\$ 566.01	\$ (14.56)	-2.5%		
	10,000		\$ 1,128.95	\$ 1,099.54	\$ (29.40)	-2.6%		
	12,500		\$ 1,403.13	\$ 1,366.31	\$ (36.82)	-2.6%		
	15,000		\$ 1,677.32	\$ 1,633.08	\$ (44.24)	-2.6%		
General Service 50 to 4,999 kW	15,000	60	\$ 2,414.42	\$ 2,376.41	\$ (38.01)	-1.6%	-1.6%	-2.0%
	40,000	160	\$ 5,811.89	\$ 5,706.06	\$ (105.83)	-1.8%		
	100,000	400	\$ 13,965.81	\$ 13,697.22	\$ (268.59)	-1.9%		
	400,000	1,600	\$ 54,735.43	\$ 53,653.01	\$ (1,082.42)	-2.0%		
	1,000,000	4,000	\$ 136,274.67	\$ 133,564.60	\$ (2,710.07)	-2.0%		
	1,500,000	6,000	\$ 204,224.03	\$ 200,157.59	\$ (4,066.45)	-2.0%		
	2,000,000	8,000	\$ 272,173.40	\$ 266,750.57	\$ (5,422.82)	-2.0%		
Unmetered Scattered Load	15,000	60	\$ 1,268.35	\$ 1,268.16	\$ (0.19)	0.0%	0.0%	0.0%
	40,000	160	\$ 3,361.43	\$ 3,360.68	\$ (0.74)	0.0%		
	100,000	400	\$ 8,384.81	\$ 8,382.74	\$ (2.07)	0.0%		
	400,000	1,600	\$ 33,501.70	\$ 33,493.02	\$ (8.68)	0.0%		
	1,000,000	4,000	\$ 83,735.49	\$ 83,713.58	\$ (21.91)	0.0%		
	1,500,000	6,000	\$ 125,596.98	\$ 125,564.04	\$ (32.93)	0.0%		
	2,000,000	8,000	\$ 167,458.47	\$ 167,414.51	\$ (43.96)	0.0%		
Sentinel Lighting	15,000	60	\$ 1,950.02	\$ 1,887.97	\$ (62.06)	-3.2%	-3.2%	-3.2%
	40,000	160	\$ 5,209.17	\$ 5,043.67	\$ (165.50)	-3.2%		
	100,000	400	\$ 13,031.14	\$ 12,617.37	\$ (413.77)	-3.2%		
	400,000	1,600	\$ 52,140.97	\$ 50,485.86	\$ (1,655.12)	-3.2%		
	1,000,000	4,000	\$ 130,360.64	\$ 126,222.83	\$ (4,137.81)	-3.2%		
	1,500,000	6,000	\$ 195,543.69	\$ 189,336.97	\$ (6,206.71)	-3.2%		
	2,000,000	8,000	\$ 260,726.74	\$ 252,451.12	\$ (8,275.62)	-3.2%		



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

**Innisfil Hydro Distribution Systems Limited**

**EB-2007-XXXX, EB-2007-0545, EB-2005-0382**

**October 29, 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	15,000	60	\$ 1,805.95	\$ 1,759.32	\$ (46.63)	-2.6%	-2.6%	-2.6%
	40,000	160	\$ 4,826.16	\$ 4,701.83	\$ (124.33)	-2.6%		
	100,000	400	\$ 12,074.67	\$ 11,763.84	\$ (310.83)	-2.6%		
	400,000	1,600	\$ 48,317.23	\$ 47,073.90	\$ (1,243.34)	-2.6%		
	1,000,000	4,000	\$ 120,802.36	\$ 117,694.01	\$ (3,108.34)	-2.6%		
	1,500,000	6,000	\$ 181,206.62	\$ 176,544.11	\$ (4,662.52)	-2.6%		
	2,000,000	8,000	\$ 241,610.89	\$ 235,394.20	\$ (6,216.69)	-2.6%		