



Ontario Energy Board

2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Sheet 1 Utility Information Sheet

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

Name of LDC:	Niagara-on-the-Lake Hydro Inc.		
Licence Number:	ED-2002-0547		
IRM 2008 EB Number: (if known)	EB-2007-XXXX		
IRM 2007 EB Number:	EB-2007-0559		
EDR 2006 RP Number:	RP-2005-0020	EDR 2006 EB Number:	EB-2005-0395
Date of Submission:	10/15/07	Last Saved Date:	10/15/07 1:48 PM
Model Version:	2.0		
Contact Information			
Name:	Philip Wormwell		
Title:	Director of Corporate Services		
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E-Mail Address:	pwormwell@notlhydro.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 2nd Generation Incentive Regulation of Ontario's Electricity Distributors", the Report governs.

Comments

Copyright

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2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Niagara-on-the-Lake Hydro Inc.

EB-2007-XXXX, EB-2007-0559, EB-2005-0395

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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

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



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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	\$	17.74	
Distribution Volumetric Rate	\$/kWh	0.0123	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0018	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0056	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0023	
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	



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General Service Less Than 50 kW

Service Charge	\$	40.19	
Distribution Volumetric Rate	\$/kWh	0.0120	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	(0.0002)	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0021	
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	\$	464.55	
Distribution Volumetric Rate	\$/kW	3.4723	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	(0.1197)	No
Retail Transmission Rate – Network Service Rate	\$/kW	2.0850	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.8151	
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	\$	39.95	
Distribution Volumetric Rate	\$/kWh	0.0120	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	(0.0002)	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0021	
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	\$	2.93	
Distribution Volumetric Rate	\$/kW	5.9027	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	2.5096	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.5804	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.6433	
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	



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

Street Lighting

Service Charge	\$	1.10	
Distribution Volumetric Rate	\$/kW	4.3193	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	(1.5463)	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.5724	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.6301	
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	



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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
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
	\$	
	\$	
	\$	
	\$	

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection		30.00
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

Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1000.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
Specific Charge for Bell Canada Access to the Power Poles \$/pole/year	\$	18.36
Note: Specific Charge for Bell Canada Access to the Power Poles is valid only until the existing joint-us	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	

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		1.0501
Total Loss Factor - Secondary Metered Customer > 5,000 kW		1.0161
Total Loss Factor - Primary Metered Customer < 5,000 kW		1.0396
Total Loss Factor - Primary Metered Customer > 5,000 kW		1.0060



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

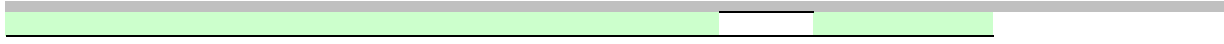
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Sheet 4 - Smart Meter Information

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

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

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

Smart Meter Rate Adder

	<u>2007 IRM</u>	<u>2008 IRM</u>
Residential	\$ 0.24	
General Service Less Than 50 kW	\$ 0.24	
General Service 50 to 4,999 kW	\$ 0.24	



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Sheet 5 - Removal of Smart Meter and CDM

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

YES NO

Class	2007 Monthly Service Charge	2007 Volumetric Rate Charge	Less: 2007 Smart Meter Adder from Monthly Service Charge		Adjusted Monthly Service Charge	Adjusted Volumetric Charge	
	\$	kW / kWh	\$	\$	\$	kW / kWh	
<i>Residential</i>	\$ 17.74	\$ 0.0123	\$ 0.24	\$ 0.24	\$ 17.50	\$ 0.0123	\$/kWh
<i>General Service Less Than 50 kW</i>	\$ 40.19	\$ 0.0120	\$ 0.24	\$ 0.24	\$ 39.95	\$ 0.0120	\$/kWh
<i>General Service 50 to 4,999 kW</i>	\$ 464.55	\$ 3.4723	\$ 0.24	\$ 0.24	\$ 464.31	\$ 3.4723	\$/kW
<i>Unmetered Scattered Load</i>	\$ 39.95	\$ 0.0120	-	-	\$ 39.95	\$ 0.0120	\$/kWh
<i>Sentinel Lighting</i>	\$ 2.93	\$ 5.9027	-	-	\$ 2.93	\$ 5.9027	\$/kW
<i>Street Lighting</i>	\$ 1.10	\$ 4.3193	-	-	\$ 1.10	\$ 4.3193	\$/kW



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Sheet 6 - K-Factor Derivation

Capital Structure Transition

Size of Utility (Rate Base)

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

Cost of Capital parameters

ROE	A	9.00%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell E32)
Debt Rate	B	6.60%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ 19,765,266	(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
2008	F1	53.3%	46.7%	F2

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

Cost of Capital

Current	G	7.8%	= (E1 X B) + (E2 X A)	Weighted Average Cost of capital
2008	H	7.72%	= (F1 X B) + (F2 X A)	

Return on Rate Base

Current	I	\$ 1,541,690.75	= C X G / 100
2008	J	\$ 1,526,036.66	= C X H / 100

Distribution Expenses and Revenue Requirement (before PILs)

Distribution Expenses (other than PILs)	K	\$ 2,598,600	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base Revenue Requirement	L	\$ 4,277,580	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Transformer Allowance Credit	M	\$ 41,203	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)

Revenue Requirement (before PILs)

Current	N	\$ 4,140,290.75	= I + K
2008	O	\$ 4,124,636.66	= J + K

Target Net Income (EBIT)

Current	\$ 889,436.97	P1 = I - P2
2008	\$ 830,734.13	Q1 = J - Q2

Interest Expense

Current	\$ 652,253.78	P2 = C X (B X E1 / 100)
2008	\$ 695,302.53	Q2 = C X (B X F1 / 100)

PILs

Tax Rate R 29.6% (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%)	\$	29,296	T	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
PILs Allowance	\$	322,017	U	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
Taxable Income	Current	\$ 696,042	AC	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D11)
	2008	\$ 678,666	AD	= AC + (Q1 - P1) * (R / 100)
Federal Tax (grossed up)	Current	\$ 292,654	V	= AC * (R / 100) / (1 - R / 100) 321,950
	2008	\$ 285,348	W	= AD * (R / 100) / (1 - R / 100)

Base Revenue Requirement Adjustment (including PILs)

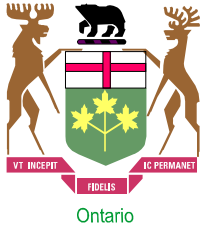
Revenue Requirement (less LCT) (LCT is removed as it was removed in from rates in 2007 EDR,

Current	\$ 4,462,240.77	X	= N + V + T
2008	\$ 4,439,280.84	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	\$ 4,318,782.60	Z	= L + M
2008	\$ 4,295,822.67	AA1	= Z + (Y - X)
Difference	\$ - 22,959.93	AA2	= AA1 - Z
K-factor	-0.5%	AB	= AA2 / Z



2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Niagara-on-the-Lake Hydro Inc.

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Sheet 7 - Price Cap Adjustment

Note: No inputs are required for this worksheet.

Price Escalator (GDP-IPI)	Average annual expected Productivity Gain (X)	(GDP-IPI) - X	K-Factor	Total Price Cap Adjustment
1.9%	1.0%	0.9%	-0.5%	0.4%

	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>	\$ 17.50	\$ 17.57	\$ 0.0123	\$ 0.0123
<i>General Service Less Than 50 kW</i>	\$ 39.95	\$ 40.11	\$ 0.0120	\$ 0.0120
<i>General Service 50 to 4,999 kW</i>	\$ 464.31	\$ 466.17	\$ 3.4723	\$ 3.4862
<i>Unmetered Scattered Load</i>	\$ 39.95	\$ 40.11	\$ 0.0120	\$ 0.0120
<i>Sentinel Lighting</i>	\$ 2.93	\$ 2.94	\$ 5.9027	\$ 5.9263
<i>Street Lighting</i>	\$ 1.10	\$ 1.10	\$ 4.3193	\$ 4.3366



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL
Niagara-on-the-Lake Hydro Inc.

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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>	\$ 17.57	\$ 0.24	\$ 17.81	0.0123
<i>General Service Less Than 50 kW</i>	\$ 40.11	\$ 0.24	\$ 40.35	0.0120
<i>General Service 50 to 4,999 kW</i>	\$ 466.17	\$ 0.24	\$ 466.41	3.4862
<i>Unmetered Scattered Load</i>	\$ 40.11	\$ -	\$ 40.11	0.0120
<i>Sentinel Lighting</i>	\$ 2.94	\$ -	\$ 2.94	5.9263
<i>Street Lighting</i>	\$ 1.10	\$ -	\$ 1.10	4.3366



2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Niagara-on-the-Lake Hydro Inc.

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Sheet 9. - Z-Factor Rate Rider Adjustment

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

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

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

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

Niagara-on-the-Lake Hydro Inc.

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-2007-0559

FOR OEB STAFF USE ONLY

MONTHLY RATES AND CHARGES

Residential

Service Charge	\$	17.81
Distribution Volumetric Rate	\$/kWh	0.0123
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0056
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0023
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	\$	40.35
Distribution Volumetric Rate	\$/kWh	0.0120
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0021
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	\$	466.41
Distribution Volumetric Rate	\$/kW	3.4862
Retail Transmission Rate – Network Service Rate	\$/kW	2.0850
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.8151
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	\$	40.11
Distribution Volumetric Rate	\$/kWh	0.0120
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0021
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	\$	2.94
Distribution Volumetric Rate	\$/kW	5.9263
Retail Transmission Rate – Network Service Rate	\$/kW	1.5804
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.6433
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	\$	1.10
Distribution Volumetric Rate	\$/kW	4.3366
Retail Transmission Rate – Network Service Rate	\$/kW	1.5724
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.6301
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
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	0	30.00
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
Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1000.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
Specific Charge for Bell Canada Access to the Power Poles \$/pole/year	\$	18.36

Allowances

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

LOSS FACTORS

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0501
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0161
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0396
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0060



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Niagara-on-the-Lake Hydro Inc.

EB-2007-XXXX, EB-2007-0559, EB-2005-0395

October 15, 2007

Sheet 11 - Distribution Rate Change Summary

Note: No inputs are required for this worksheet.

Residential

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 17.74	\$ 0.0123
Less: Smart meters	-\$ 0.24	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.16	\$ 0.0001
Add: K-Factor	\$ (0.09)	-\$ 0.0001
Add: Smart Meters	\$ 0.24	\$ -
Final 2008 Rates	\$ 17.81	\$ 0.0123

General Service Less Than 50 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 40.19	\$ 0.0120
Less: Smart meters	-\$ 0.24	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.36	\$ 0.0001
Add: K-Factor	\$ (0.20)	-\$ 0.0001
Add: Smart Meters	\$ 0.24	\$ -
Final 2008 Rates	\$ 40.35	\$ 0.0120

General Service 50 to 4,999 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 464.55	\$ 3.4723
Less: Smart meters	-\$ 0.24	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 4.18	\$ 0.0313
Add: K-Factor	\$ (2.32)	-\$ 0.0174
Add: Smart Meters	\$ 0.24	\$ -
Final 2008 Rates	\$ 466.41	\$ 3.4862

Unmetered Scattered Load

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 39.95	\$ 0.0120
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.36	\$ 0.0001
Add: K-Factor	\$ (0.20)	-\$ 0.0001
Add: Smart Meters	\$ -	\$ -
Final 2008 Rates	\$ 40.11	\$ 0.0120



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Niagara-on-the-Lake Hydro Inc.

EB-2007-XXXX, EB-2007-0559, EB-2005-0395

October 15, 2007

Sheet 11 - Distribution Rate Change Summary

Sentinel Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 2.93	\$ 5.9027
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.03	\$ 0.0531
Add: K-Factor	\$ (0.01)	\$ 0.0295
Add: Smart Meters	\$ -	\$ -
Final 2008 Rates	\$ 2.94	\$ 5.9263

Street Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 1.10	\$ 4.3193
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.01	\$ 0.0389
Add: K-Factor	\$ (0.01)	\$ 0.0216
Add: Smart Meters	\$ -	\$ -
Final 2008 Rates	\$ 1.10	\$ 4.3366



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Niagara-on-the-Lake Hydro Inc.

EB-2007-XXXX, EB-2007-0559, EB-2005-0395

October 15, 2007

Sheet 11 - Distribution Rate Change Summary



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Niagara-on-the-Lake Hydro Inc.

EB-2007-XXXX, EB-2007-0559, EB-2005-0395

October 15, 2007

Sheet 11 - Distribution Rate Change Summary



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Niagara-on-the-Lake Hydro Inc.

EB-2007-XXXX, EB-2007-0559, EB-2005-0395

October 15, 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 1.0501
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	600	\$ 0.0530	\$ 31.80	600	\$ 0.0530	\$ 31.80	\$0.00	0.0%	26.82%
Energy Second Tier (kWh)	450	\$ 0.0620	\$ 27.91	450	\$ 0.0620	\$ 27.91	\$0.00	0.0%	23.53%
Sub-Total: Energy			\$ 59.71			\$ 59.71	\$0.00	0.0%	50.35%
Monthly Service Charge	1	\$ 17.74	\$ 17.74	1	\$ 17.81	\$ 17.81	\$0.07	0.4%	15.02%
Distribution (kWh)	1,000	\$ 0.0123	\$ 12.30	1,000	\$ 0.0123	\$ 12.30	\$0.00	0.0%	10.37%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	1,000	\$ 0.0018	\$ 1.80	1,000	\$ -	\$ -	(\$1.80)	(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	1,050	\$ 0.0056	\$ 5.88	1,050	\$ 0.0056	\$ 5.88	\$0.00	0.0%	4.96%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,050	\$ 0.0023	\$ 2.42	1,050	\$ 0.0023	\$ 2.42	\$0.00	0.0%	2.04%
Sub-Total: Delivery			\$ 40.14			\$ 38.41	(\$1.73)	(4.3)%	32.39%
Wholesale Market Service Rate	1050	\$ 0.0052	\$ 5.46	1050	\$ 0.0052	\$ 5.46	\$0.00	0.0%	4.60%
Rural Rate Protection Charge	1050	\$ 0.0010	\$ 1.05	1050	\$ 0.0010	\$ 1.05	\$0.00	0.0%	0.89%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.21%
Sub-Total: Regulatory			\$ 6.76			\$ 6.76	\$0.00	0.0%	5.70%
Debt Retirement Charge (DRC)	1,000	\$ 0.0070	\$ 7.00	1,000	\$ 0.0070	\$ 7.00	\$0.00	0.0%	5.90%
Total Bill before Taxes			\$ 113.60			\$ 111.87	(\$1.73)	(1.5)%	94.34%
GST	\$ 113.60	6.00%	\$ 6.82	\$ 111.87	6.00%	\$ 6.71	(\$0.10)	(1.5)%	5.66%
Total Bill after Taxes			\$ 120.42			\$ 118.58	(\$1.83)	(1.5)%	100.00%

General Service Less Than 50 kW

Consumption	2,000 kWh	0 kW	Loss Factor 1.0501
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	16.29%
Energy Second Tier (kWh)	1,350	\$ 0.0620	\$ 83.71	1,350	\$ 0.0620	\$ 83.71	\$0.00	0.0%	34.31%
Sub-Total: Energy			\$ 123.46			\$ 123.46	\$0.00	0.0%	50.60%
Monthly Service Charge	1	\$ 40.19	\$ 40.19	1	\$ 40.35	\$ 40.35	\$0.16	0.4%	16.54%
Distribution (kWh)	2,000	\$ 0.0120	\$ 24.00	2,000	\$ 0.0120	\$ 24.00	\$0.00	0.0%	9.84%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	2,000	\$ 0.0002	\$ 0.40	2,000	\$ -	\$ -	\$0.40	(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	2,100	\$ 0.0051	\$ 10.71	2,100	\$ 0.0051	\$ 10.71	\$0.00	0.0%	4.39%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,100	\$ 0.0021	\$ 4.41	2,100	\$ 0.0021	\$ 4.41	\$0.00	0.0%	1.81%
Sub-Total: Delivery			\$ 78.91			\$ 79.47	\$0.56	0.7%	32.57%
Wholesale Market Service Rate	2100	\$ 0.0052	\$ 10.92	2100	\$ 0.0052	\$ 10.92	\$0.00	0.0%	4.48%
Rural Rate Protection Charge	2100	\$ 0.0010	\$ 2.10	2100	\$ 0.0010	\$ 2.10	\$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%	0.10%



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Niagara-on-the-Lake Hydro Inc.

EB-2007-XXXX, EB-2007-0559, EB-2005-0395

October 15, 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.

Sub-Total: Regulatory			\$ 13.27			\$ 13.27	\$0.00	0.0%	5.44%
Debt Retirement Charge (DRC)	2,000	\$ 0.0070	\$ 14.00	2,000	\$ 0.0070	\$ 14.00	\$0.00	0.0%	5.74%
Total Bill before Taxes			\$ 229.65			\$ 230.21	\$0.56	0.2%	94.34%
GST	\$ 229.65	6.00%	\$ 13.78	\$ 230.21	6.00%	\$ 13.81	\$0.03	0.2%	5.66%
Total Bill after Taxes			\$ 243.42			\$ 244.02	\$0.59	0.2%	100.00%

General Service 50 to 4,999 kW

Consumption	500,000 kWh	1,100 kW	Loss Factor 1.0501
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	0.07%
Energy Second Tier (kWh)	524,300	\$ 0.0620	\$ 32,506.60	524,300	\$ 0.0620	\$ 32,506.60	\$0.00	0.0%	59.18%
Sub-Total: Energy			\$ 32,546.35			\$ 32,546.35	\$0.00	0.0%	59.25%
Monthly Service Charge	1	\$ 464.55	\$ 464.55	1	\$ 466.41	\$ 466.41	\$1.86	0.4%	0.85%
Distribution (kWh)	500,000	\$ -	\$ -	500,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	1,100	\$ 3.4723	\$ 3,819.53	1,100	\$ 3.4862	\$ 3,834.82	\$15.29	0.4%	6.98%
Regulatory Assets (kWh)	1,100	\$ 0.1197	\$ 131.67	1,100	\$ -	\$ -	\$131.67	(100.0)%	0.00%
Rate Riders	1,100	\$ -	\$ -	1,100	\$ -	\$ -	\$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	1,100	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	1,155	\$ 4.3385	\$ 5,011.44	1,155	\$ 4.3385	\$ 5,011.44	\$0.00	0.0%	9.12%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,155	\$ 2.7754	\$ 3,205.89	1,155	\$ 2.7754	\$ 3,205.89	\$0.00	0.0%	5.84%
Sub-Total: Delivery			\$ 12,369.75			\$ 12,518.57	\$148.82	1.2%	22.79%
Wholesale Market Service Rate	525050	\$ 0.0052	\$ 2,730.26	525050	\$ 0.0052	\$ 2,730.26	\$0.00	0.0%	4.97%
Rural Rate Protection Charge	525050	\$ 0.0010	\$ 525.05	525050	\$ 0.0010	\$ 525.05	\$0.00	0.0%	0.96%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.00%
Sub-Total: Regulatory			\$ 3,255.56			\$ 3,255.56	\$0.00	0.0%	5.93%
Debt Retirement Charge (DRC)	500,000	\$ 0.0070	\$ 3,500.00	500,000	\$ 0.0070	\$ 3,500.00	\$0.00	0.0%	6.37%
Total Bill before Taxes			\$ 51,671.66			\$ 51,820.48	\$148.82	0.3%	94.34%
GST	\$ 51,671.66	6.00%	\$ 3,100.30	\$ 51,820.48	6.00%	\$ 3,109.23	\$8.93	0.3%	5.66%
Total Bill after Taxes			\$ 54,771.96			\$ 54,929.71	\$157.75	0.3%	100.00%

Unmetered Scattered Load

Consumption	800 kWh	0 kW	Loss Factor 1.0501
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	33.44%
Energy Second Tier (kWh)	90	\$ 0.0620	\$ 5.58	90	\$ 0.0620	\$ 5.58	\$0.00	0.0%	4.70%
Sub-Total: Energy			\$ 45.33			\$ 45.33	\$0.00	0.0%	38.13%
Monthly Service Charge	1	\$ 39.95	\$ 39.95	1	\$ 40.11	\$ 40.11	\$0.16	0.4%	33.74%
Distribution (kWh)	800	\$ 0.0120	\$ 9.60	800	\$ 0.0120	\$ 9.60	\$0.00	0.0%	8.08%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	800	\$ 0.0002	\$ 0.16	800	\$ -	\$ -	\$0.16	(100.0)%	0.00%
Rate Riders	800	\$ -	\$ -	800	\$ -	\$ -	\$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	800	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	840	\$ 0.0051	\$ 4.28	840	\$ 0.0051	\$ 4.28	\$0.00	0.0%	3.60%
Retail Transmission Rate – Line and Transformation Connection Service Rate	840	\$ 0.0021	\$ 1.76	840	\$ 0.0021	\$ 1.76	\$0.00	0.0%	1.48%
Sub-Total: Delivery			\$ 55.44			\$ 55.76	\$0.32	0.6%	46.90%
Wholesale Market Service Rate	840	\$ 0.0052	\$ 4.37	840	\$ 0.0052	\$ 4.37	\$0.00	0.0%	3.67%
Rural Rate Protection Charge	840	\$ 0.0010	\$ 0.84	840	\$ 0.0010	\$ 0.84	\$0.00	0.0%	0.71%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.21%
Sub-Total: Regulatory			\$ 5.46			\$ 5.46	\$0.00	0.0%	4.59%
Debt Retirement Charge (DRC)	800	\$ 0.0070	\$ 5.60	800	\$ 0.0070	\$ 5.60	\$0.00	0.0%	4.71%
Total Bill before Taxes			\$ 111.83			\$ 112.15	\$0.32	0.3%	94.34%
GST	\$ 111.83	6.00%	\$ 6.71	\$ 112.15	6.00%	\$ 6.73	\$0.02	0.3%	5.66%



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Niagara-on-the-Lake Hydro Inc.

EB-2007-XXXX, EB-2007-0559, EB-2005-0395

October 15, 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	\$	118.54		\$	118.88	\$0.34	0.3%	100.00%
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Sentinel Lighting

Consumption	160 kWh	0 kW	Loss Factor 1.0501
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	168	\$ 0.0530	\$ 8.90	168	\$ 0.0530	\$ 8.90	\$0.00	0.0%	0.63%
Energy Second Tier (kWh)	0	\$ 0.0620	\$ -	0	\$ 0.0620	\$ -	\$0.00	0.0%	0.00%
Sub-Total: Energy			\$ 8.90			\$ 8.90	\$0.00	0.0%	0.63%
Monthly Service Charge	1	\$ 2.93	\$ 2.93	1	\$ 2.94	\$ 2.94	\$0.01	0.3%	0.21%
Distribution (kWh)	160	\$ 5.9027	\$ 944.43	160	\$ 5.9263	\$ 948.21	\$3.78	0.4%	66.95%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	160	\$ 2.5096	\$ 401.54	160	\$ -	\$ -	(\$401.54)	(100.0)%	0.00%
Rate Riders	160	\$ -	\$ -	160	\$ -	\$ -	\$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	160	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	168	\$ 1.5804	\$ 265.53	168	\$ 1.5804	\$ 265.53	\$0.00	0.0%	18.75%
Retail Transmission Rate – Line and Transformation Connection Service Rate	168	\$ 0.6433	\$ 108.08	168	\$ 0.6433	\$ 108.08	\$0.00	0.0%	7.63%
Sub-Total: Delivery			\$ 1,722.52			\$ 1,324.77	(\$397.75)	(23.1)%	93.54%
Wholesale Market Service Rate	168	\$ 0.0052	\$ 0.87	168	\$ 0.0052	\$ 0.87	\$0.00	0.0%	0.06%
Rural Rate Protection Charge	168	\$ 0.0010	\$ 0.17	168	\$ 0.0010	\$ 0.17	\$0.00	0.0%	0.01%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.02%
Sub-Total: Regulatory			\$ 1.29			\$ 1.29	\$0.00	0.0%	0.09%
Debt Retirement Charge (DRC)	160	\$ 0.0070	\$ 1.12	160	\$ 0.0070	\$ 1.12	\$0.00	0.0%	0.08%
Total Bill before Taxes			\$ 1,733.83			\$ 1,336.08	(\$397.75)	(22.9)%	94.34%
GST	\$ 1,733.83	6.00%	\$ 104.03	\$ 1,336.08	6.00%	\$ 80.16	(\$23.87)	(22.9)%	5.66%
Total Bill after Taxes			\$ 1,837.86			\$ 1,416.25	(\$421.62)	(22.9)%	100.00%

Street Lighting

Consumption	60,000 kWh	200 kW	Loss Factor 1.0501
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	0.62%
Energy Second Tier (kWh)	62,256	\$ 0.0620	\$ 3,859.87	62,256	\$ 0.0620	\$ 3,859.87	\$0.00	0.0%	60.27%
Sub-Total: Energy			\$ 3,899.62			\$ 3,899.62	\$0.00	0.0%	60.89%
Monthly Service Charge	1	\$ 1.10	\$ 1.10	1	\$ 1.10	\$ 1.10	\$0.00	0.0%	0.02%
Distribution (kWh)	60,000	\$ -	\$ -	60,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	200	\$ 4.3193	\$ 863.86	200	\$ 4.3366	\$ 867.32	\$3.46	0.4%	13.54%
Regulatory Assets (kWh)	200	\$ 1.5463	\$ 309.26	200	\$ -	\$ -	\$309.26	(100.0)%	0.00%
Rate Riders	200	\$ -	\$ -	200	\$ -	\$ -	\$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	200	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	210	\$ 1.5724	\$ 330.24	210	\$ 1.5724	\$ 330.24	\$0.00	0.0%	5.16%
Retail Transmission Rate – Line and Transformation Connection Service Rate	210	\$ 0.6301	\$ 132.33	210	\$ 0.6301	\$ 132.33	\$0.00	0.0%	2.07%
Sub-Total: Delivery			\$ 1,018.27			\$ 1,330.99	\$312.72	30.7%	20.78%
Wholesale Market Service Rate	63006	\$ 0.0052	\$ 327.63	63006	\$ 0.0052	\$ 327.63	\$0.00	0.0%	5.12%
Rural Rate Protection Charge	63006	\$ 0.0010	\$ 63.01	63006	\$ 0.0010	\$ 63.01	\$0.00	0.0%	0.98%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.00%
Sub-Total: Regulatory			\$ 390.89			\$ 390.89	\$0.00	0.0%	6.10%
Debt Retirement Charge (DRC)	60,000	\$ 0.0070	\$ 420.00	60,000	\$ 0.0070	\$ 420.00	\$0.00	0.0%	6.56%
Total Bill before Taxes			\$ 5,728.78			\$ 6,041.50	\$312.72	5.5%	94.34%
GST	\$ 5,728.78	6.00%	\$ 343.73	\$ 6,041.50	6.00%	\$ 362.49	\$18.76	5.5%	5.66%
Total Bill after Taxes			\$ 6,072.50			\$ 6,403.99	\$331.48	5.5%	100.00%



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Niagara-on-the-Lake Hydro Inc.

EB-2007-XXXX, EB-2007-0559, EB-2005-0395

October 15, 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.



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Niagara-on-the-Lake Hydro Inc.

EB-2007-XXXX, EB-2007-0559, EB-2005-0395

October 15, 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	400	1	\$ 36.15	\$ 37.81	\$ 1.66	4.6%	5.5%	4.6%
	60,000	200	\$ 6,072.50	\$ 6,403.99	\$ 331.48	5.5%		
	60,000	200	\$ 6,072.50	\$ 6,403.99	\$ 331.48	5.5%		
	60,000	200	\$ 6,072.50	\$ 6,403.99	\$ 331.48	5.5%		
	60,000	200	\$ 6,072.50	\$ 6,403.99	\$ 331.48	5.5%		
	60,000	200	\$ 6,072.50	\$ 6,403.99	\$ 331.48	5.5%		