

October 29, 2007

Ms. Kristen Walli
Ontario Energy Board
P. O. Box 2319
2300, Yonge Street
27th, Floor
Toronto, On
M4P 1E4

Dear Mrs Walli:

Re: Application for 2008 Incentive Rate Mechanism Adjustment Model (IMR)

ED-2002-0493
RP-2005-0020-EDR-2006
EB-2005-0354-EDR-2006
EB-2007-XXXX-IRM-2008

Please find enclosed one electronic version and 2 hard copies of the following:

- 1- EB_2007-XXX_COOPERATIVE_LETTER_2008IRMmodel_20071101
- 2- EB_2007-XXX_COOPERATIVE_MANAGER
SUMMARY_2008IRMmODEL_20071101
- 3- EB_2007-XXXX_COOPERATIVE_2008IRMmodel_20071101

Please contact the undersigned for any information at 613-443-5110.

Yours truly,

Benoit Lamarche
Manager

Cooperative Hydro Embrun Inc.

MANAGER'S SUMMARY

COOPÉRATIVE HYDRO EMBRUN INC.

ED-2002-0493 – LICENCE
RP-2005-0020 - EDR 2006
EB-2005-0354 - EDR 2006
EB-2007-0519- IRM 2007
EB-2007-XXXX – IRM 2008

IN THE MATTER OF an Application by Cooperative Hydro Embrun Inc. for Incentive Rate Mechanism Adjustment Model, effective May 1, 2008, in accordance with the Cost of Capital EB –2006-0088 and 2nd Generation Incentive Regulation Mechanism issued December 20,2006 by the Ontario Energy Board.

1. Introduction

- 1.1 Cooperative Hydro Embrun Inc. (the “Company”) is a licensed electricity distribution business operating in the Town of Embrun, under license #ED-2002-0493 with no special conditions in its’ licence.
- 1.2 The Company submits this Application which includes the 2008 Incentive Rate Mechanism Adjustment Model (IMR) Model, and the required documentation to adjust distribution rates effective May 1, 2008 in accordance with the Filing Guidelines issued by the Ontario Energy Board (“Board”) and dated December 20, 2006.
- 1.3 Cooperative Hydro Embrun Inc. will prorate customer consumptions, with pre-May 1, 2008 consumption at the old rates and post-May 1, 2008 consumption at the new rates.

2. Incentive Rate Mechanism Adjustment (IRM) Model

The following information summarizes the output of the IRM Model. Only sheets with information inputs are identified.

- 2.1 Tab 1 LDC Information
- As per the instructions issued by the Board, LDC information related to the application has been entered.
- 2.2 Tab 2 2007 Rate Classes
- As per the instructions issued by the Board, Rate Classes have been identified as per Board Approved 2007 Tariff of Rates and Charges.
- 2.3 Tab 3 2007 Tariff Sheet
- As per the instructions issued by the Board, Rate Classes have been identified as per Board Approved 2007 Tariff of Rates and Charges. Rate Rider (Regulatory Asset 1590 will not be part of 2008 Rate) approved by the Board in EDR 2006.
- 2.4 Tab 4 2007 Smart Meter Information
- As per the instructions issued by the Board, in accordance with Decision with Reason RP-2005-0020 EB-2005-029 is from the Board approved 2006 EDR EB-2005-0354.
- 2.5 Tab 5 Removals of Smart Meter and CDM
- Cooperative Hydro Embrun did not received approval for incremental CDM
- No inputs are required for this spreadsheet.
- 2.6 Tab 6 K-Factor
- As per the instructions issued by the Board, input data from Board approved 2006 EDR Model and the corresponding PILs spreadsheet for a K-factor -0.4%

result.

2.7 Tab 7 Price Cap Adjustment

No inputs are required for this spreadsheet.
Total Price Cap Adjustment 0.5%.

2.8 Tab 8 Add back for Smart Meter Amt

No inputs are required for this worksheet.

2.9 Tab 9 Z-Factor Rate Rider Adjustments

Cooperative doesn't need approval for other rate adjustment.
No inputs are required for this spreadsheet.

2.10 Tab 10 2008 Tariff Sheet

New rates effective May 1st 2008.

2.11 Tab 11 Rate Change Summary

No inputs are required for this spreadsheet

2.12 Tab 12 Annualized Bill Impact – May 07 – May 08

Rate Class	Consumption	BILL SERVICE CHARGE & VOLUMETRIC CHARGE		IMPACT \$
		MAY 07	MAY 08	
Residential	1000 kWh	11.98 0.0103	12.04 0.0104	0.06 0.10
General Service <50 kW	2000 kWh	15.26 0.0137	15.34 0.0138	0.08 0.20
General Service > 50 kW	100 kW	239.67	240.87	1.20
	50000 kWh	3.3887	3.4056	1.69
Unmetered Scatter Load	500 kwh	7.74	7.78	0.04
		0.0140	0.0141	0.05
Street Lighting	100 kw	0.83	0.83	0.00
	50000 kwh	3.7509	3.7697	1.88

2.13 Tab 13 Bill Impact – by Consumption)

Rate Class	Consumption	Increase	
		\$	%
Residential	1000 kWh	0.17	0.1%
General Service <50 kW	2000 kWh	0.30	0.1%
General Service > 50 kW	100 kW 50000 kWh	6.18	0.0%
Unmetered Scatter Load	500 kwh	-0.02	0.0%
Street Lighting	90 kw 30000 kwh	1.37	0.0%

Signed this 29th day of October 2007 at Embrun by:

Benoit Lamarche
 Manager
 Cooperative Hydro Embrun Inc.



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:	Cooperative Hydro Embrun Inc.		
Licence Number:	ED-2002-0493		
IRM 2008 EB Number: (if known)	EB-2007-XXXX		
IRM 2007 EB Number:	EB-2007-0519		
EDR 2006 RP Number:	RP-2005-0020	EDR 2006 EB Number:	EB-2005-0354
Date of Submission:	OCTOBER 29,2007	Last Saved Date:	10/26/07 10:45 AM
Model Version:	2.0		
Contact Information			
Name:	BENOIT LAMARCHE		
Title:	MANAGER		
Phone Number:	613-443-5110		
E-Mail Address:	embrunhydro@hmnet.net		

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

Comments

Copyright

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



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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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

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	Street Lighting	Yes
6	Rate Class 6	No
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

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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

MONTHLY RATES AND CHARGES

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

Residential

Service Charge	\$	11.98	
Distribution Volumetric Rate	\$/kWh	0.0103	
Rate Rider 1 (if applicable)		0.0000	
Rate Rider 2 (if applicable)		0.0000	
Regulatory Asset Recovery	\$/kWh	0.0045	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057	
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	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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

General Service Less Than 50 kW

Service Charge	\$	15.26	
Distribution Volumetric Rate	\$/kWh	0.0137	
Rate Rider 1 (if applicable)		0.0000	
Rate Rider 2 (if applicable)		0.0000	
Regulatory Asset Recovery	\$/kWh	0.0022	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045	
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	\$	239.67	
Distribution Volumetric Rate	\$/kW	3.3887	
Rate Rider 1 (if applicable)		0.0000	
Rate Rider 2 (if applicable)		0.0000	
Regulatory Asset Recovery	\$/kW	(0.2483)	No
Retail Transmission Rate – Network Service Rate	\$/kW	2.1218	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7882	
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	

Unmetered Scattered Load

Service Charge	\$	7.74	
Distribution Volumetric Rate	\$/kWh	0.0140	
Rate Rider 1 (if applicable)		0.0000	
Rate Rider 2 (if applicable)		0.0000	
Regulatory Asset Recovery	\$/kWh	0.0022	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045	
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	

Street Lighting

Service Charge	\$	0.83	
Distribution Volumetric Rate	\$/kW	3.7509	
Rate Rider 1 (if applicable)		0.0000	
Rate Rider 2 (if applicable)		0.0000	
Regulatory Asset Recovery	\$/kW	(0.8167)	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.6002	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3824	
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	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

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



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

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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
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	25.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	15.00
Special meter reads	\$	20.00
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	\$	20.00
Collection of account charge - no disconnection - after regular hours	\$	50.00
Disconnect/Reconnect at meter - during regular hours	\$	25.00
Disconnect/Reconnect at meter - after regular hours	\$	50.00
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	\$	25.00
Install/Remove load control device - after regular hours	\$	50.00
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	\$	(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	1.0628
Total Loss Factor - Secondary Metered Customer > 5,000 kW	n/a
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0521
Total Loss Factor - Primary Metered Customer > 5,000 kW	n/a



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

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



2008 INCENTIVE RATE MECHANISM ADJUSTMENT
Cooperative Hydro Embrun Inc.
EB-2007-XXXX, EB-2007-0519, EB-2005-0354
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	\$ 0.27	
General Service Less Than 50 kW	\$ 0.27	
General Service 50 to 4,999 kW	\$ 0.27	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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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>	\$ 11.98	\$ 0.0103	\$ 0.27	\$	\$ 11.71	\$ 0.0103	\$/kWh
<i>General Service Less Than 50 kW</i>	\$ 15.26	\$ 0.0137	\$ 0.27	\$	\$ 14.99	\$ 0.0137	\$/kWh
<i>General Service 50 to 4,999 kW</i>	\$ 239.67	\$ 3.3887	\$ 0.27	\$	\$ 239.40	\$ 3.3887	\$/kW
<i>Unmetered Scattered Load</i>	\$ 7.74	\$ 0.0140	\$ -	\$	\$ 7.74	\$ 0.0140	\$/kWh
<i>Street Lighting</i>	\$ 0.83	\$ 3.7509	\$ -	\$	\$ 0.83	\$ 3.7509	\$/kW



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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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	6.25%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ 2,173,944	(Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)
Size of Utility	D	Small	

Deemed Capital Structure

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

Cost of Capital

Current	G	7.625%	= (E1 X B) + (E2 X A)	Weighted Average Cost of capital
2008	H	7.53%	= (F1 X B) + (F2 X A)	

Return on Rate Base

Current	I	\$ 165,763.23	= C X G / 100
2008	J	\$ 163,790.38	= C X H / 100

Distribution Expenses and Revenue Requirement (before PILs)

Distribution Expenses (other than PILs)	K	\$ 460,698	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base Revenue Requirement	L	\$ 582,127	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Transformer Allowance Credit	M	\$ -	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)

Revenue Requirement (before PILs)

Current	N	\$ 626,461.23	= I + K
2008	O	\$ 624,488.38	= J + K

Target Net Income (EBIT)

Current	P1	\$ 97,827.48	= I - P2
2008	Q1	\$ 91,370.87	= J - Q2

Interest Expense

Current	P2	\$ 67,935.75	= C X (B X E1 / 100)
2008	Q2	\$ 72,419.51	= C X (B X F1 / 100)

PILs

Tax Rate R 18.62% (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D14)

Large Corporation Tax Allowance (if applicable) - grossed up	S	\$ -	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D31)
OCT (Rate Base less \$10,000,000 X 0.30%)	T	\$ -	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
PILs Allowance	U	\$ 25,261	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
Taxable Income	Current	\$ 110,404	AC (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D11)
	2008	\$ 109,202	AD = AC + (Q1 - P1) * (R / 100)
Federal Tax (grossed up)	Current	\$ 25,261	V = AC * (R / 100) / (1 - R / 100) 25,261
	2008	\$ 24,986	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	X	\$ 651,722.01	= N + V + T
2008	Y	\$ 649,474.09	= 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	Z	\$ 582,127.00	= L + M
2008	AA1	\$ 579,879.07	= Z + (Y - X)
Difference	AA2	\$ - 2,247.93	= AA1 - Z
K-factor	AB	-0.4%	= AA2 / Z



2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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Sheet 7 - Price Cap Adjustment

Note: No inputs are required for this worksheet.

Price Escalator (GDP-IPI)	Average annual expected Productivity Gain (X)	(GDP-IPI) - X	K-Factor	Total Price Cap Adjustment
1.9%	1.0%	0.9%	-0.4%	0.5%
	Adjusted Monthly Service Charge	Monthly Service Charge with Price Cap Adjustment	Adjusted Volumetric Rate (kW / kWh)	Volumetric Rate with Price Cap Adjustment
<i>Residential</i>	\$ 11.71	\$ 11.77	\$ 0.0103	\$ 0.0104
<i>General Service Less Than 50 kW</i>	\$ 14.99	\$ 15.07	\$ 0.0137	\$ 0.0138
<i>General Service 50 to 4,999 kW</i>	\$ 239.40	\$ 240.60	\$ 3.3887	\$ 3.4056
<i>Unmetered Scattered Load</i>	\$ 7.74	\$ 7.78	\$ 0.0140	\$ 0.0141
<i>Street Lighting</i>	\$ 0.83	\$ 0.83	\$ 3.7509	\$ 3.7697



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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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>	\$ 11.77	\$ 0.27	\$ 12.04	0.0104
<i>General Service Less Than 50 kW</i>	\$ 15.07	\$ 0.27	\$ 15.34	0.0138
<i>General Service 50 to 4,999 kW</i>	\$ 240.60	\$ 0.27	\$ 240.87	3.4056
<i>Unmetered Scattered Load</i>	\$ 7.78	\$ -	\$ 7.78	0.0141
<i>Street Lighting</i>	\$ 0.83	\$ -	\$ 0.83	3.7697



2008 INCENTIVE RATE MECHANISM ADJUSTMENT
Cooperative Hydro Embrun Inc.
EB-2007-XXXX, EB-2007-0519, EB-2005-0354
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). 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>Street Lighting</i>		

Cooperative Hydro Embrun 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-2007-0519

FOR OEB STAFF USE ONLY

MONTHLY RATES AND CHARGES

Residential

Service Charge	\$	12.04
Distribution Volumetric Rate	\$/kWh	0.0104
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050
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	\$	15.34
Distribution Volumetric Rate	\$/kWh	0.0138
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
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	\$	240.87
Distribution Volumetric Rate	\$/kW	3.4056
Retail Transmission Rate – Network Service Rate	\$/kW	2.1218
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7882
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	\$	7.78
Distribution Volumetric Rate	\$/kWh	0.0141
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
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	\$	0.83
Distribution Volumetric Rate	\$/kW	3.7697
Retail Transmission Rate – Network Service Rate	\$/kW	1.6002
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3824
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Specific Service Charges

Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	25.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	15.00
Special meter reads	\$	20.00
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	\$	20.00
Collection of account charge - no disconnection - after regular hours	\$	50.00
Disconnect/Reconnect at meter - during regular hours	\$	25.00
Disconnect/Reconnect at meter - after regular hours	\$	50.00
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	\$	25.00
Install/Remove load control device - after regular hours	\$	50.00



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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	\$ 11.98	\$ 0.0103
Less: Smart meters	-\$ 0.27	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.11	\$ 0.0001
Add: K-Factor	\$ (0.05)	-\$ 0.0000
Add: Smart Meters	\$ 0.27	\$ -
Final 2008 Rates	\$ 12.04	\$ 0.0104

General Service Less Than 50 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 15.26	\$ 0.0137
Less: Smart meters	-\$ 0.27	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.13	\$ 0.0001
Add: K-Factor	\$ (0.06)	-\$ 0.0001
Add: Smart Meters	\$ 0.27	\$ -
Final 2008 Rates	\$ 15.34	\$ 0.0138

General Service 50 to 4,999 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 239.67	\$ 3.3887
Less: Smart meters	-\$ 0.27	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 2.15	\$ 0.0305
Add: K-Factor	\$ (0.96)	-\$ 0.0136
Add: Smart Meters	\$ 0.27	\$ -
Final 2008 Rates	\$ 240.87	\$ 3.4056

Unmetered Scattered Load

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 7.74	\$ 0.0140
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.07	\$ 0.0001
Add: K-Factor	\$ (0.03)	-\$ 0.0001
Add: Smart Meters	\$ -	\$ -
Final 2008 Rates	\$ 7.78	\$ 0.0141



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

OCTOBER 29, 2007

Sheet 11 - Distribution Rate Change Summary

Street Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 0.83	\$ 3.7509
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPI - X	\$ 0.01	\$ 0.0338
Add: K-Factor	\$ (0.00)	\$ 0.0150
Add: Smart Meters	\$ -	\$ -
Final 2008 Rates	\$ 0.83	\$ 3.7697



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

OCTOBER 29, 2007

Sheet 11 - Distribution Rate Change Summary



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

OCTOBER 29, 2007

Sheet 11 - Distribution Rate Change Summary



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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

Consumption	1,000 kWh	0 kW	Loss Factor 1.0628
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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)	463	\$ 0.0620	\$ 28.69	463	\$ 0.0620	\$ 28.69	\$0.00	0.0%
Sub-Total: Energy			\$ 60.49			\$ 60.49	\$0.00	0.0%
Monthly Service Charge	1	\$ 11.98	\$ 11.98	1	\$ 12.04	\$ 12.04	\$0.06	0.5%
Distribution (kWh)	1,000	\$ 0.0103	\$ 10.30	1,000	\$ 0.0104	\$ 10.40	\$0.10	1.0%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%
Regulatory Assets (kWh)	1,000	\$ 0.0045	\$ 4.50	1,000	\$ -	\$ -	(\$4.50)	(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	1,063	\$ 0.0057	\$ 6.06	1,063	\$ 0.0057	\$ 6.06	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,063	\$ 0.0050	\$ 5.31	1,063	\$ 0.0050	\$ 5.31	\$0.00	0.0%
Sub-Total: Delivery			\$ 38.15			\$ 33.81	(\$4.34)	(11.4)%
Wholesale Market Service Rate	1063	\$ 0.0052	\$ 5.53	1063	\$ 0.0052	\$ 5.53	\$0.00	0.0%
Rural Rate Protection Charge	1063	\$ 0.0010	\$ 1.06	1063	\$ 0.0010	\$ 1.06	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
Sub-Total: Regulatory			\$ 6.84			\$ 6.84	\$0.00	0.0%
Debt Retirement Charge (DRC)	1,000	\$ 0.0070	\$ 7.00	1,000	\$ 0.0070	\$ 7.00	\$0.00	0.0%
Total Bill before Taxes			\$ 112.48			\$ 108.14	(\$4.34)	(3.9)%
GST	\$ 112.48	6.00%	\$ 6.75	\$ 108.14	6.00%	\$ 6.49	(\$0.26)	(3.9)%
Total Bill after Taxes			\$ 119.23			\$ 114.63	(\$4.60)	(3.9)%

General Service Less Than 50 kW

Consumption	2,000 kWh	0 kW	Loss Factor 1.0628
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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)	1,376	\$ 0.0620	\$ 85.29	1,376	\$ 0.0620	\$ 85.29	\$0.00	0.0%
Sub-Total: Energy			\$ 125.04			\$ 125.04	\$0.00	0.0%
Monthly Service Charge	1	\$ 15.26	\$ 15.26	1	\$ 15.34	\$ 15.34	\$0.08	0.5%
Distribution (kWh)	2,000	\$ 0.0137	\$ 27.40	2,000	\$ 0.0138	\$ 27.60	\$0.20	0.7%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%
Regulatory Assets (kWh)	2,000	\$ 0.0022	\$ 4.40	2,000	\$ -	\$ -	(\$4.40)	(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	2,126	\$ 0.0052	\$ 11.05	2,126	\$ 0.0052	\$ 11.05	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,126	\$ 0.0045	\$ 9.57	2,126	\$ 0.0045	\$ 9.57	\$0.00	0.0%



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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.

Sub-Total: Delivery			\$ 67.68			\$ 63.56	(\$4.12)	(6.1)%
Wholesale Market Service Rate	2126	\$ 0.0052	\$ 11.05	2126	\$ 0.0052	\$ 11.05	\$0.00	0.0%
Rural Rate Protection Charge	2126	\$ 0.0010	\$ 2.13	2126	\$ 0.0010	\$ 2.13	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
Sub-Total: Regulatory			\$ 13.43			\$ 13.43	\$0.00	0.0%
Debt Retirement Charge (DRC)	2,000	\$ 0.0070	\$ 14.00	2,000	\$ 0.0070	\$ 14.00	\$0.00	0.0%
Total Bill before Taxes			\$ 220.15			\$ 216.02	(\$4.12)	(1.9)%
GST	\$ 220.15	6.00%	\$ 13.21	\$ 216.02	6.00%	\$ 12.96	(\$0.25)	(1.9)%
Total Bill after Taxes			\$ 233.35			\$ 228.99	(\$4.37)	(1.9)%

General Service 50 to 4,999 kW

Consumption	50,000 kWh	100 kW	Loss Factor 1.0628
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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)	52,390	\$ 0.0620	\$ 3,248.18	52,390	\$ 0.0620	\$ 3,248.18	\$0.00	0.0%
Sub-Total: Energy			\$ 3,287.93			\$ 3,287.93	\$0.00	0.0%
Monthly Service Charge	1	\$ 239.67	\$ 239.67	1	\$ 240.87	\$ 240.87	\$1.20	0.5%
Distribution (kWh)	50,000	\$ -	\$ -	50,000	\$ -	\$ -	\$0.00	0.0%
Distribution (kW)	100	\$ 3.3887	\$ 338.87	100	\$ 3.4056	\$ 340.56	\$1.69	0.5%
Regulatory Assets (kWh)	100	\$ 0.2483	\$ 24.83	100	\$ -	\$ -	(\$24.83)	(100.0)%
Rate Riders	100	\$ -	\$ -	100	\$ -	\$ -	\$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	100	\$ -	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	106	\$ 2.1218	\$ 225.50	106	\$ 2.1218	\$ 225.50	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	106	\$ 1.7882	\$ 190.05	106	\$ 1.7882	\$ 190.05	\$0.00	0.0%
Sub-Total: Delivery			\$ 969.26			\$ 996.98	\$27.72	2.9%
Wholesale Market Service Rate	53140	\$ 0.0052	\$ 276.33	53140	\$ 0.0052	\$ 276.33	\$0.00	0.0%
Rural Rate Protection Charge	53140	\$ 0.0010	\$ 53.14	53140	\$ 0.0010	\$ 53.14	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
Sub-Total: Regulatory			\$ 329.72			\$ 329.72	\$0.00	0.0%
Debt Retirement Charge (DRC)	50,000	\$ 0.0070	\$ 350.00	50,000	\$ 0.0070	\$ 350.00	\$0.00	0.0%
Total Bill before Taxes			\$ 4,936.91			\$ 4,964.63	\$27.72	0.6%
GST	\$ 4,936.91	6.00%	\$ 296.21	\$ 4,964.63	6.00%	\$ 297.88	\$1.66	0.6%
Total Bill after Taxes			\$ 5,233.13			\$ 5,262.51	\$29.38	0.6%



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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

Consumption	500 kWh	0 kW	Loss Factor 1.0628
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	2007 BILL			2008 BILL			IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	531	\$ 0.0530	\$ 28.16	531	\$ 0.0530	\$ 28.16	\$0.00	0.0%
Energy Second Tier (kWh)	0	\$ 0.0620	\$ -	0	\$ 0.0620	\$ -	\$0.00	0.0%
Sub-Total: Energy			\$ 28.16			\$ 28.16	\$0.00	0.0%
Monthly Service Charge	1	\$ 7.74	\$ 7.74	1	\$ 7.78	\$ 7.78	\$0.04	0.5%
Distribution (kWh)	500	\$ 0.0140	\$ 7.00	500	\$ 0.0141	\$ 7.05	\$0.05	0.7%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%
Regulatory Assets (kWh)	500	\$ 0.0022	\$ 1.10	500	\$ -	\$ -	(\$1.10)	(100.0)%
Rate Riders	500	\$ -	\$ -	500	\$ -	\$ -	\$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	500	\$ -	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	531	\$ 0.0052	\$ 2.76	531	\$ 0.0052	\$ 2.76	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	531	\$ 0.0045	\$ 2.39	531	\$ 0.0045	\$ 2.39	\$0.00	0.0%
Sub-Total: Delivery			\$ 20.99			\$ 19.98	(\$1.01)	(4.8)%
Wholesale Market Service Rate	531	\$ 0.0052	\$ 2.76	531	\$ 0.0052	\$ 2.76	\$0.00	0.0%
Rural Rate Protection Charge	531	\$ 0.0010	\$ 0.53	531	\$ 0.0010	\$ 0.53	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
Sub-Total: Regulatory			\$ 3.54			\$ 3.54	\$0.00	0.0%
Debt Retirement Charge (DRC)	500	\$ 0.0070	\$ 3.50	500	\$ 0.0070	\$ 3.50	\$0.00	0.0%
Total Bill before Taxes			\$ 56.20			\$ 55.19	(\$1.01)	(1.8)%
GST	\$ 56.20	6.00%	\$ 3.37	\$ 55.19	6.00%	\$ 3.31	(\$0.06)	(1.8)%
Total Bill after Taxes			\$ 59.58			\$ 58.51	(\$1.07)	(1.8)%

Street Lighting

Consumption	50,000 kWh	100 kW	Loss Factor 1.0628
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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)	52,390	\$ 0.0620	\$ 3,248.18	52,390	\$ 0.0620	\$ 3,248.18	\$0.00	0.0%
Sub-Total: Energy			\$ 3,287.93			\$ 3,287.93	\$0.00	0.0%
Monthly Service Charge	1	\$ 0.83	\$ 0.83	1	\$ 0.83	\$ 0.83	\$0.00	0.0%
Distribution (kWh)	50,000	\$ -	\$ -	50,000	\$ -	\$ -	\$0.00	0.0%
Distribution (kW)	100	\$ 3.7509	\$ 375.09	100	\$ 3.7697	\$ 376.97	\$1.88	0.5%
Regulatory Assets (kWh)	100	\$ 0.8167	\$ 81.67	100	\$ -	\$ -	\$81.67	(100.0)%
Rate Riders	100	\$ -	\$ -	100	\$ -	\$ -	\$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	100	\$ -	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	106	\$ 1.6002	\$ 170.07	106	\$ 1.6002	\$ 170.07	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	106	\$ 1.3824	\$ 146.92	106	\$ 1.3824	\$ 146.92	\$0.00	0.0%
Sub-Total: Delivery			\$ 611.24			\$ 694.79	\$83.55	13.7%
Wholesale Market Service Rate	53140	\$ 0.0052	\$ 276.33	53140	\$ 0.0052	\$ 276.33	\$0.00	0.0%
Rural Rate Protection Charge	53140	\$ 0.0010	\$ 53.14	53140	\$ 0.0010	\$ 53.14	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
Sub-Total: Regulatory			\$ 329.72			\$ 329.72	\$0.00	0.0%
Debt Retirement Charge (DRC)	50,000	\$ 0.0070	\$ 350.00	50,000	\$ 0.0070	\$ 350.00	\$0.00	0.0%
Total Bill before Taxes			\$ 4,578.89			\$ 4,662.44	\$83.55	1.8%
GST	\$ 4,578.89	6.00%	\$ 274.73	\$ 4,662.44	6.00%	\$ 279.75	\$5.01	1.8%
Total Bill after Taxes			\$ 4,853.62			\$ 4,942.19	\$88.56	1.8%



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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.



% of Total Bill
27.74%
25.03%
52.77%
10.50%
9.07%
0.00%
0.00%
0.00%
0.00%
0.00%
0.00%
5.28%
4.64%
29.50%
4.82%
0.93%
0.22%
5.97%
6.11%
94.34%
5.66%
100.00%

% of Total Bill
17.36%
37.25%
54.60%
6.70%
12.05%
0.00%
0.00%
0.00%
0.00%
0.00%
0.00%
4.83%
4.18%



27.76%
4.83%
0.93%
0.11%
5.86%
6.11%
94.34%
5.66%
100.00%

% of Total Bill
0.76%
61.72%
62.48%
4.58%
0.00%
6.47%
0.00%
0.00%
0.00%
0.00%
4.29%
3.61%
18.95%
5.25%
1.01%
0.00%
6.27%
6.65%
94.34%
5.66%
100.00%

% of Total Bill
48.14%
0.00%
48.14%
13.30%
12.05%
0.00%
0.00%
0.00%
0.00%
0.00%
0.00%
4.72%
4.09%
34.16%
4.72%
0.91%
0.43%
6.06%
5.98%
94.34%
5.66%
100.00%

% of Total Bill
0.80%
65.72%
66.53%
0.02%
0.00%
7.63%
0.00%
0.00%
0.00%
0.00%
0.00%
3.44%
2.97%
14.06%
5.59%
1.08%
0.01%
6.67%
7.08%
94.34%
5.66%
100.00%

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2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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		\$ 23.15	\$ 23.22	\$ 0.07	0.3%	0.3%	0.1%
	250		\$ 38.43	\$ 38.52	\$ 0.09	0.2%		
	500		\$ 63.89	\$ 64.01	\$ 0.12	0.2%		
	600		\$ 74.44	\$ 74.56	\$ 0.13	0.2%		
	750		\$ 91.24	\$ 91.38	\$ 0.14	0.2%		
	1,000		\$ 119.23	\$ 119.40	\$ 0.17	0.1%		
	1,500		\$ 175.23	\$ 175.45	\$ 0.22	0.1%		
General Service Less Than 50 kW	2,000		\$ 233.35	\$ 233.65	\$ 0.30	0.1%	0.1%	0.1%
	2,500		\$ 289.37	\$ 289.72	\$ 0.35	0.1%		
	4,000		\$ 457.42	\$ 457.93	\$ 0.51	0.1%		
	5,000		\$ 569.46	\$ 570.07	\$ 0.61	0.1%		
	10,000		\$ 1,129.62	\$ 1,130.77	\$ 1.14	0.1%		
	12,500		\$ 1,409.71	\$ 1,411.12	\$ 1.41	0.1%		
	15,000		\$ 1,689.79	\$ 1,691.47	\$ 1.67	0.1%		
General Service 50 to 4,999 kW	5,000	50	\$ 1,590.44	\$ 1,591.89	\$ 1.46	0.1%	0.1%	0.0%
	10,000	70	\$ 3,829.24	\$ 3,831.00	\$ 1.76	0.0%		
	25,000	90	\$ 9,202.35	\$ 9,204.85	\$ 2.50	0.0%		
	50,000	100	\$ 36,067.92	\$ 36,074.10	\$ 6.18	0.0%		
	75,000	150	\$ 89,799.06	\$ 89,812.61	\$ 13.55	0.0%		
	100,000	200	\$ 134,575.01	\$ 134,594.70	\$ 19.69	0.0%		
	150,000	220	\$ 179,350.96	\$ 179,376.79	\$ 25.83	0.0%		
Unmetered Scattered Load	300		\$ 1,265.38	\$ 1,265.40	\$ 0.02	0.0%	0.0%	0.0%
	500		\$ 3,372.16	\$ 3,372.14	\$ (0.02)	0.0%		
	700		\$ 8,428.43	\$ 8,428.32	\$ (0.11)	0.0%		
	750		\$ 33,709.79	\$ 33,709.22	\$ (0.57)	0.0%		
	1,000		\$ 84,272.51	\$ 84,271.03	\$ (1.48)	0.0%		
	1,200		\$ 126,408.11	\$ 126,405.86	\$ (2.25)	0.0%		
	1,500		\$ 168,543.70	\$ 168,540.69	\$ (3.01)	0.0%		
Street Lighting	22,000	80	\$ 1,324.28	\$ 1,324.49	\$ 0.20	0.0%	0.0%	0.0%
	25,000	85	\$ 3,541.43	\$ 3,541.98	\$ 0.55	0.0%		
	30,000	90	\$ 8,862.60	\$ 8,863.97	\$ 1.37	0.0%		
	35,000	95	\$ 35,468.44	\$ 35,473.90	\$ 5.46	0.0%		
	40,000	100	\$ 88,680.11	\$ 88,693.76	\$ 13.66	0.0%		
	45,000	105	\$ 133,023.16	\$ 133,043.65	\$ 20.49	0.0%		
	50,000	110	\$ 177,366.22	\$ 177,393.54	\$ 27.31	0.0%		



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Cooperative Hydro Embrun Inc.

EB-2007-XXXX, EB-2007-0519, EB-2005-0354

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
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