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> Ontario Energy Board 27<sup>th</sup> Floor 2300 Yonge Street Toronto, ON M4P 1E4

October 31, 2007

Dear Ms. Walli,

RE: 2008 Electricity Distribution Rate Application for Burlington Hydro Inc.

Please find attached the 2008 Electricity Distribution Rate Application from Burlington Hydro Inc ("BHI"), requesting new distribution rates effective May 1, 2008.

BHI acknowledges the letter issued by the OEB on October 29, 2007 with respect to the Ontario Uniform Transmission Rate Order, EB-2007-0759. BHI will complete a review of this Rate Order and provide any required proposals related to an adjustment to the retail transmission rates and/or disposition of the associated variance account balances as applicable.

As outlined in the filing instructions guidelines as issued September 28, 2007, BHI has included two paper copies and one CD with all electronic files. BHI has also filed through the Board's web portal at www.err.oeb.gov.on.ca and has submitted electronic files by e-mail to the Board Secretary at Boardsec@oeb.gov.on.ca.

I can be reached at 905-332-2265 should anything further be required.

Yours truly,

original signed by

Michael Kysley Chief Financial Officer



## Burlington Hydro Inc. Manager's Summary

Burlington Hydro Inc. ("BHI") is requesting approval of new electricity distribution rates effective May 1, 2008. BHI is also requesting the continuation of the existing approved non-distribution rates and Specific Service Charges as included in the IRM model at Sheet 3.

BHI has completed the 2008 IRM Model as provided by the Ontario Energy Board ("OEB"). The application is consistent with this utility's understanding of the Report of the Board on Cost of Capital and 2<sup>nd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors (December 20, 2006), and the Filing Instructions issued September 28, 2007.

BHI acknowledges the letter issued by the OEB on October 29, 2007 with respect to the Ontario Uniform Transmission Rate Order, EB-2007-0759. BHI will complete a review of this Rate Order and provide any required proposals related to an adjustment to the retail transmission rates and/or disposition of the associated variance account balances as applicable.

The components of this filing are as follows:

- Manager's Summary; and
- 2008 IRM Model.

As directed in the filing requirements, BHI has addressed the following items:

2007 EDR Tariff Sheet as Approved by the Board – BHI has included approved distribution 2007 rates and the 2007 Smart Meter funding increment that was added to the Monthly Service Charge.

Regulatory Asset Recovery – BHI did not have an extension for recovery of regulatory assets due to a rate mitigation plan. As such, the 2008 rates will reflect the end of the regulatory asset collection period.

The Smart Meter Adder – BHI has removed and re-incorporated the current rate adder as per the filing directions. The current approved rate adder for BHI is \$0.27/month included in the fixed charge for residential, GS<50 kW and GS>50 kW, as outlined in the IRM model at Sheet 4.

*Incremental Approved 2007 CDM Funding* – BHI did not have any incremental CDM funding included in 2007 rates.

Adjustment for the transaction to the common deemed capital structure (K-Factor) – BHI has include the calculation of the K-factor as per the filing directions. Based on the size of rate base, BHI is defined as a small utility and will move from a 50%/50% debt/equity mix to a 53.3%/46.7% debt/equity mix. Using the required information from the Board Approved 2006 EDR Model and Board Approved 2006 PILs Model, the resulting K-Factor is -0.4%.

*Price Cap Adjustment* – The price cap adjustment has been calculated as per the model directions provided.

Rate Rider Adjustment – BHI does not have any approved rate adjustments related to recovery of storm damage costs.

Estimated 2008 Tariff of Rates and Charges – The proxy tariff sheet as calculated by the 2008 IRM Model is shown at Sheet 10.

*Bill Impacts* – BHI has included bill impacts for customer consumptions that are representative of the consumption levels for the customer base that BHI serves.



## **Ontario Energy Board**

## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

## **Sheet 1** Utility Information Sheet

Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled  Name of LDC: Burlington Hydro Inc.  Licence Number: ED-2003-0004  IRM 2008 EB Number: (if known )  IRM 2007 EB Number: EB-2007-0511  EDR 2006 RP Number: RP-2005-0020 EDR 2006 EB Number: EB-2005-0356  Date of Submission: 10/31/07 Last Saved Date: 10/31/07 10:24 AM  Model Version: 2.0	
Licence Number: ED-2003-0004  IRM 2008 EB Number: (if known) IRM 2007 EB Number: EB-2007-0511  EDR 2006 RP Number: RP-2005-0020 EDR 2006 EB Number: EB-2005-0356  Date of Submission: 10/31/07 Last Saved Date: 10/31/07 10:24 AM	
IRM 2008 EB Number:  ( if known )  IRM 2007 EB Number: EB-2007-0511  EDR 2006 RP Number: RP-2005-0020  EDR 2006 EB Number: EB-2005-0356  Date of Submission: 10/31/07  Last Saved Date: 10/31/07 10:24 AM	
(if known)         IRM 2007 EB Number:       EB-2007-0511         EDR 2006 RP Number:       RP-2005-0020         EDR 2006 EB Number:       EB-2005-0356         Date of Submission:       10/31/07         Last Saved Date:       10/31/07 10:24 AM	
EDR 2006 RP Number: RP-2005-0020 EDR 2006 EB Number: EB-2005-0356  Date of Submission: 10/31/07 Last Saved Date: 10/31/07 10:24 AM	
Date of Submission: 10/31/07	
Model Version: 2.0	
Contact Information	
Name: Anne Rampado	
Title: Market Compliance & Rates Specialist	
Phone Number: 905-332-2260	
E-Mail Address: arampado@burlingtonhydro.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 Generation Incentive Regulation of Ontario's Electricity Distributors", the Report governs.  Comments	f Capital and

#### 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.



Burlington Hydro Inc.

, EB-2007-0511, EB-2005-0356

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**Sheet 2 - 2007 Rate Classes** 

## Are you changing the descriptions of any of your Service Classifications?

Service Classifications, including descriptions, can be found on your Board Approved 2007 Tariff of Rates and Charges.

YES	7	١

No

No

No

No

No

No

INPUT CELLS

PULL-DOWN MENU

OUTPUT CELLS

#### 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.

Rate Class 11

Rate Class 12

Rate Class 13

Rate Class 14

Rate Class 15

Rate Class 16

10

11 12

13

14

15

Rate Classifications	Currently in Place
Residential	Yes
General Service Less Than 50 kW	Yes
General Service 50 to 4,999 kW	Yes
Unmetered Scattered Load	Yes
Street Lighting	Yes
Rate Class 6	No
Rate Class 7	No
Rate Class 8	No
Rate Class 9	No
Rate Class 10	No





Wednesday, October 31, 2007

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

# 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL Burlington Hydro Inc., EB-2007-0511, EB-2005-0356 Wednesday, October 31, 2007

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

MONTHLY RATES AND CHARGES			below, indi	pull-down menu in icate whether (Yes) lers will be continui 2008-09 rate year	or not (No)
Residential					
Service Charge	\$	11.87			
Distribution Volumetric Rate	\$/kWh	0.0160			
Rate Rider 1 (if applicable)					
Rate Rider 2 (if applicable)					
Regulatory Asset Recovery	\$/kWh	0.0014		No	
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0059			
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050			
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh				
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh				
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh				
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh				
Wholesale Market Service Rate	\$/kWh	0.0052			
Rural Rate Protection Charge	\$/kWh	0.0010			
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25			

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General Service Less Than 50 kW			
Service Charge	\$	21.34	
Distribution Volumetric Rate	\$/kWh	0.0148	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0014	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045	
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		
Nholesale 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	\$	66.36	
Distribution Volumetric Rate	\$/kW	2.6101	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	0.7083	No
Retail Transmission Rate – Network Service Rate	\$/kW	2.2214	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8569	
Retail Transmission Rate – Network Service Rate - Interval Metered	\$/kW	2.2535	
Retail Transmission Rate – Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.9603	
Retail Transmission Rate – Network Service Rate (if applicable)  Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW \$/kW		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0032	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	
Service Charge Distribution Volumetric Rate Rate Rider 1 (if applicable)	\$ \$/kWh	10.54 0.0150	
N. P. L. O. W P. P. L. D.			
	\$/k\Mb	0.0003	No
Regulatory Asset Recovery	\$/kWh	0.0002	No
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054	No
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh \$/kWh		No
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh \$/kWh \$/kWh	0.0054	No
Regulatory Asset Recovery  Retail Transmission Rate – Network Service Rate  Retail Transmission Rate – Line and Transformation Connection Service Rate  Retail Transmission Rate – Network Service Rate (if applicable)  Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh \$/kWh	0.0054	No
Regulatory Asset Recovery  Retail Transmission Rate – Network Service Rate  Retail Transmission Rate – Line and Transformation Connection Service Rate  Retail Transmission Rate – Network Service Rate (if applicable)  Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)  Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh \$/kWh \$/kWh	0.0054	No
Regulatory Asset Recovery  Retail Transmission Rate – Network Service Rate  Retail Transmission Rate – Line and Transformation Connection Service Rate  Retail Transmission Rate – Network Service Rate (if applicable)  Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)  Retail Transmission Rate – Network Service Rate (if applicable)  Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh \$/kWh \$/kWh \$/kWh	0.0054	No
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Wholesale Market Service Rate	\$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	0.0054 0.0045	No
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Wholesale Market Service Rate Rural Rate Protection Charge	\$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	0.0054 0.0045 0.0052	No
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	0.0054 0.0045 0.0052 0.0010	No
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	0.0054 0.0045 0.0052 0.0010	No
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)  Street Lighting Service Charge	\$/kWh	0.0054 0.0045 0.0052 0.0010 0.25	No
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)  Street Lighting Service Charge Distribution Volumetric Rate Rate Rate Rider 1 (if applicable)	\$/kWh \$	0.0054 0.0045 0.0052 0.0010 0.25	No
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)  Street Lighting Service Charge Distribution Volumetric Rate Rate Rider 1 (if applicable) Rate Rider 2 (if applicable)	\$/kWh	0.0054 0.0045 0.0045 0.0052 0.0010 0.25 0.11	
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Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)  Street Lighting Service Charge Distribution Volumetric Rate Rate Rider 1 (if applicable) Rate Rider 2 (if applicable) Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054 0.0045 0.0045 0.0052 0.0010 0.25 0.11 0.8396	
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Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Wholesale Market Service Rate Rural Rate Protection Charge Rate Rate Protection Charge Retail Transmission Retail Transmission Rate – Material Rate Rate Rider 1 (if applicable) Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh	0.0054 0.0045 0.0045 0.0052 0.0010 0.25 0.11 0.8396	
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Administrative Charge (if applicable)  Street Lighting Service Charge Distribution Volumetric Rate Rate Rider 1 (if applicable) Rate Rider 2 (if applicable) Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh	0.0054 0.0045 0.0045 0.0052 0.0010 0.25 0.11 0.8396	
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Administrative Charge (if applicable)  Street Lighting Service Charge Distribution Volumetric Rate Rate Rider 1 (if applicable) Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh	0.0054 0.0045 0.0045 0.0052 0.0010 0.25 0.11 0.8396	
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Administrative Charge (if applicable) Retail Transmission Rate – Administrative Charge (if applicable)  Street Lighting Service Charge Distribution Volumetric Rate Rate Rider 1 (if applicable) Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh \$ \$  \$  \$  \$  \$  \$/kW \$/kW \$/kW \$/kW \$/	0.0054 0.0045 0.0045 0.0052 0.0010 0.25 0.11 0.8396 0.1745 1.6469 1.3951	
Rate Rider 2 (if applicable) Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Administrative Charge (if applicable)  Street Lighting Service Charge Distribution Volumetric Rate Rate Rider 1 (if applicable) Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh	0.0054 0.0045 0.0045 0.0052 0.0010 0.25 0.11 0.8396	



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



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

# 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL Burlington Hydro Inc. , EB-2007-0511, EB-2005-0356 Wednesday, October 31, 2007

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

## **Specific Service Charges**

## **Customer Administration**

Arrears certificate	\$ 15.00
Credit reference/credit check (plus credit agency costs)	\$ 15.00
Statement of account	\$ 15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$ 30.00
Returned cheque charge (plus bank charges)	\$ 15.00
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$

#### 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

Towns and the first H Course of the first H	•	500.00
Temporary service install & remove - overhead - no transformer	\$	
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	

#### **Allowances**

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

#### **LOSS FACTORS**

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0429
Total Loss Factor – Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0325
Total Loss Factor – Primary Metered Customer > 5,000 kW	N/A



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



Burlington Hydro Inc. , EB-2007-0511, EB-2005-0356

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**Sheet 4 - Smart Meter Information** 

The smart meter plan rate adder is a monthly service charge for metered customers <u>equivalent</u> 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>	2008 IRM		
Residential	\$ 0.27	\$ 0.27		
General Service Less Than 50 kW	\$ 0.27	\$ 0.27		
General Service 50 to 4,999 kW	\$ 0.27	\$ 0.27		



## Burlington Hydro Inc.

, EB-2007-0511, EB-2005-0356

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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 Monthl Char	•	Ra	7 Volumetric ate Charge	Meter Mon	2007 Smart Adder from thly Service Charge	Se	Adjusted Monthly rvice Charge	Vo	djusted Iumetric Charge	
	\$			kW/kWh		\$		<u>\$</u>	KI	N / kWh	
Residential	\$	11.87	\$	0.0160	\$	0.27	\$	11.60	\$	0.0160	\$/kWh
General Service Less Than 50 kW	\$	21.34	\$	0.0148	\$	0.27	\$	21.07	\$	0.0148	\$/kWh
General Service 50 to 4,999 kW	\$	66.36	\$	2.6101	\$	0.27	\$	66.09	\$	2.6101	\$/kW
Unmetered Scattered Load	\$	10.54	\$	0.0150	\$	-	\$	10.54	\$	0.0150	\$/kWh
Street Lighting	\$	0.11	\$	0.8396	\$	-	\$	0.11	\$	0.8396	\$/kW



Burlington Hydro Inc.

, EB-2007-0511, EB-2005-0356

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#### **Sheet 6 - K-Factor Derivation**

#### **Capital Structure Transition**

Size of Utility (Rate Base)

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

#### Cost of Capital parameters

 ROE
 A
 9.00 %
 (Board Approved 2006 EDR Model, Sheet 3-2, Cell E32)

 Debt Rate
 B
 7.25 %
 (Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)

 Rate Base
 C
 96,409,348
 (Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)

 Size of Utility
 D
 Small

#### **Deemed Capital Structure**

Current E1 50.0% 50.0% E2 Based on C, copies the deemed D/E from row "2007" of the table 2008 F1 53.3% 46.7% F2 Based on C, copies the deemed D/E from row "2008" of the table

#### **Cost of Capital**

Current G 8.125 % = (E1 × B) + (E2 × A) Weighted Average Cost of capital 2008 H 8.07 % = (F1 × B) + (F2 × A)

#### **Return on Rate Base**

Current J \$ 7,833,259.53 = C X G / 100 2008 J \$ 7,777,583.13 = C X H / 100

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

Distribution Expenses (other than PILs)

K

\$ 16,942,198 (Board Approved 2006 EDR Model, Sheet 4-1, Cell F15,

Base Revenue Requirement

L

\$ 26,444,957 (Board Approved 2006 EDR Model, Sheet 5-5, Cell F27,

Transformer Allowance Credit

M

\$ 663,123 (Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120

#### Revenue Requirement (before PILs)

Current N \$ 24,775,457.53 = I + K 2008 O \$ 24,719,781.13 = J + K

#### Target Net Income (EBIT)

Current \$ 4,338,420.66 P1 = I - P2 2008 \$ 4,052,084.90 Q1 = J - Q2

#### Interest Expense

Current \$ 3,494,838.87 P2 = C X (B X E1 / 100) 2008 \$ 3,725,498.23 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 (Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D31) 273,670 **T** OCT (Rate Base less \$10,000,000 X 0.30%) (Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D30) 3.850.926 **U** PII s Allowance (Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D33) Taxable Income Current 6,326,554 (Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D11) = AC + (Q1 - P1) \* (R / 100)2008 6,223,130 AD 3,577,256 **V** = AC \* (R / 100) / (1 - R / 100)Federal Tax (grossed up) Current 3.850.926

3.518.776 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)

2008

Current \$28,626,383.79 X = N + V + T2008 \$28,512,227.56 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 \$  $\frac{27,108,079.76}{2008}$  Z = L + M = Z + (Y - X)

Difference \$ -  $\frac{114,156.24}{4A2}$  AA2 = AA1 - Z

K-factor  $\frac{-0.4\%}{4B}$  = AA2/Z



Burlington 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%		-0.4%		0.5%
	•	Monthly Service Charge	Мо	nthly Service Charge with Price Cap Adjustment	Adj	usted Volumetric Rate (kW / kWh)	wi	lumetric Rate th Price Cap Adjustment
Residential	\$	11.60	\$	11.66	\$	0.0160	\$	0.0161
General Service Less Than 50 kW	\$	21.07	\$	21.18	\$	0.0148	\$	0.0149
General Service 50 to 4,999 kW	\$	66.09	\$	66.42	\$	2.6101	\$	2.6232
Unmetered Scattered Load	\$	10.54	\$	10.59	\$	0.0150	\$	0.0151
Street Lighting	\$	0.11	\$	0.11	\$	0.8396	\$	0.8438



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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 \$	justed Monthly ervice Charge \$	Ac	ljusted Volumetric Charge <u>kW / kWh</u>
Residential	\$	11.66	\$ 0.27	\$ 11.93	\$	0.0161
General Service Less Than 50 kW	\$	21.18	\$ 0.27	\$ 21.45	\$	0.0149
General Service 50 to 4,999 kW	\$	66.42	\$ 0.27	\$ 66.69	\$	2.6232
Unmetered Scattered Load	\$	10.59	\$ -	\$ 10.59	\$	0.0151
Street Lighting	\$	0.11	\$ -	\$ 0.11	\$	0.8438



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## **Sheet 9. - Z-Factor Rate Rider Adjustment**

Is the Applicant seeking Board approval for other rate adjustments?								
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 <i>Report of the Board on Cost of Capital and 2nd Generation Regulation Mechanism for Ontario's Electricity Distributors</i> , issued December 20, 2006 (link <a href="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</a> ). 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	Monthly Service Charge Rate Rider	Volumetric Charge Rate Rider						
	\$	kW/kWh						
Residential								
General Service Less Than 50 kW								
General Service 50 to 4,999 kW			•					
Unmetered Scattered Load			•					
Street Lighting								

## **Burlington 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-2007-0511

FOR OEB STAFF USE ONLY		
MONTHLY PATES AND SHADOES		
MONTHLY RATES AND CHARGES		
Desidential		
Residential		
Service Charge	\$	11.93
Service Charge - Non-Routine Rate Rider	\$	0.00
Distribution Volumetric Rate	\$/kWh	0.0161
Distribution Volumetric, Non-routine Rate Rider	\$/kWh	0.0000
Rate Rider 1 (if applicable)	0	0.0000
Rate Rider 2 (if applicable)	0	0.0000
Regulatory Asset Recovery	\$/kWh	0.0000
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate  Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh \$/kWh	0.0050
,	\$/kWh	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)  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  Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0032
Standard Supply Service – Administrative Charge (if applicable)	\$	0.0010
Standard Supply Service - Administrative Charge (ii applicable)	Ψ	0.25
General Service Less Than 50 kW		
	•	04.45
Service Charge	\$ \$	21.45
Service Charge - Non-Routine Rate Rider  Distribution Volumetric Rate	\$/kWh	0.00
Distribution Volumetric, Non-routine Rate Rider	\$/kWh	0.0149
Rate Rider 1 (if applicable)	0	0.0000
· · · · ·	0	0.0000
Rate Rider 2 (if applicable) Regulatory Asset Recovery	\$/kWh	0.0000
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Network Service Rate  Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0034
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	0.0032
Standard Supply Service - Administrative Charge (if applicable)	¢ ¢	0.0010

\$

0.25

Standard Supply Service – Administrative Charge (if applicable)

## General Service 50 to 4.999 kW

General Service 50 to 4,999 kW	¢	66.60
Service Charge Service Charge - Non-Routine Rate Rider	<u> </u>	0.00
Distribution Volumetric Rate	\$/kW	2.6232
Distribution Volumetric, Non-routine Rate Rider	\$/kW	0.0000
	0	0.0000
Rate Rider 1 (if applicable)	0	
Rate Rider 2 (if applicable)	\$/kW	0.0000
Regulatory Asset Recovery	\$/kW	0.0000 2.2214
Retail Transmission Rate – Network Service Rate		
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW \$/kW	1.8569 2.2535
Retail Transmission Rate – Network Service Rate - Interval Metered	\$/kW	1.9603
Retail Transmission Rate – Line and Transformation Connection Service Rate - Interval Metered		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25
Unmetered Scattered Load		
Service Charge	\$	10.59
Service Charge - Non-Routine Rate Rider	\$	0.00
Distribution Volumetric Rate	\$/kWh	0.0151
Distribution Volumetric, Non-routine Rate Rider	\$/kWh	0.0000
Rate Rider 1 (if applicable)	0	0.0000
Rate Rider 2 (if applicable)	0	0.0000
Regulatory Asset Recovery	\$/kWh	0.0000
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
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	\$	0.11
Service Charge - Non-Routine Rate Rider	\$	0.00
Distribution Volumetric Rate	\$/kW	0.8438
Distribution Volumetric, Non-routine Rate Rider	\$/kW	0.0000
Rate Rider 1 (if applicable)	0	0.0000
Rate Rider 2 (if applicable)	0	0.0000
Regulatory Asset Recovery	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate	\$/kW	1.6469
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3951
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate (II applicable)  Retail Transmission Rate – Line and Transformation Connection Service Rate (If applicable)	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)  Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate (If applicable)  Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW	0.0000
( 11 /	\$/kWh	
	2/KVVII	0.0052
Wholesale Market Service Rate  Rural Rate Protection Charge	\$/kWh	0.0010

## Specific Service Charges Customer Administration

Credit reference/credit check (plus credit agency costs)  Statement of account  Account set up charge/change of occupancy charge (plus credit agency costs if applicable)  Returned cheque charge (plus bank charges)	- <del>\$</del>	15.00 15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)		
		30.00
· · · · · · · · · · · · · · · · · · ·	\$	15.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
		0.00
	<u> </u>	0.00
	· <del>- \$</del>	0.00
		0.00
Ion-Payment of Account	0/	4.50
Late Payment - per annum	- <u>%</u> %	1.50
Late Payment - per annum  Collection of account charge - no disconnection	0	19.56 30.00
Disconnect/Reconnect at meter - during regular hours	0	65.00
Disconnect/Reconnect at meter - after regular hours	0	185.00
Discoministration and regular reads	0	0.00
	0	0.00
	0	0.00
	0	0.00
	0	0.00
emporary service install & remove - overhead - no transformer pecific Charge for Access to the Power Poles \$/pole/year	\$ \$ \$	500.00 22.35 0.00
	\$	0.00
	<u> </u>	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
	\$	0.00
		0.00
		0.00
	<u> </u>	0.00
	\$	0.00
	\$	0.00
llowances		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)
	\$/kW	0.00
	\$/kW	0.00
LOSS FACTORS		
		1.0429
otal Loss Factor – Secondary Metered Customer < 5,000 kW		
otal Loss Factor – Secondary Metered Customer < 5,000 kW otal Loss Factor – Secondary Metered Customer > 5,000 kW otal Loss Factor – Primary Metered Customer < 5,000 kW		N/A 1.0325

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## **Sheet 11 - Distribution Rate Change Summary**

Note: No inputs are required for this worksheet.

Residential
-------------

Data		Fixed (\$)	\$	Volumetric per kW / kWh
2007 Rates	\$	11.87	\$	0.0160
Less: Smart meters	-\$	0.27	\$	-
Less: CDM	\$	=	\$	=
Add: GDP-IPI - X	\$	0.10	\$	0.0001
Add: K-Factor	\$	(0.05)	-\$	0.0001
Add: Smart Meters	\$	0.27	\$	-
Final 2008 Rates	\$	11.93	\$	0.0161

## **General Service Less Than 50 kW**

Data		Fixed (\$)	\$	Volumetric per kW / kWh
2007 Rates	\$	21.34	\$	0.0148
Less: Smart meters	-\$	0.27	\$	=
Less: CDM	\$	-	\$	-
Add: GDP-IPI - X	\$	0.19	\$	0.0001
Add: K-Factor	\$	(0.08)	-\$	0.0001
Add: Smart Meters	\$	0.27	\$	-
Final 2008 Rates	\$	21.45	\$	0.0149

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

		Fixed		Volumetric
Data		(\$)	\$	per kW / kWh
2007 Rates	\$	66.36	\$	2.6101
Less: Smart meters	-\$	0.27	\$	-
Less: CDM	\$	-	\$	-
Add: GDP-IPI - X	\$	0.59	\$	0.0235
Add: K-Factor	\$	(0.26)	-\$	0.0104
Add: Smart Meters	\$	0.27	\$	-
Final 2008 Rates	\$	66.69	\$	2.6232

## **Unmetered Scattered Load**

Data	Fixed (\$)		Volumetric oer kW / kWh
2007 Rates	\$ 10.54	\$	0.0150
Less: Smart meters	\$ -	\$	=
Less: CDM	\$ -	\$	=
Add: GDP-IPI - X	\$ 0.09	\$	0.0001
Add: K-Factor	\$ (0.04)	-\$	0.0001
Add: Smart Meters	\$ -	\$	=
Final 2008 Rates	\$ 10.59	\$	0.0151



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**Sheet 11 - Distribution Rate Change Summary** 

**Street Lighting** 

	Fixed		Volumetric
Data	(\$)	\$	per kW / kWh
2007 Rates	\$ 0.11	\$	0.8396
Less: Smart meters	\$ -	\$	-
Less: CDM	\$ -	\$	-
Add: GDP-IPI - X	\$ 0.00	\$	0.0076
Add: K-Factor	\$ (0.00)	-\$	0.0034
Add: Smart Meters	\$ -	\$	-
Final 2008 Rates	\$ 0.11	\$	0.8438



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**Sheet 11 - Distribution Rate Change Summary** 



Burlington Hydro Inc. , EB-2007-0511, EB-2005-0356 Wednesday, October 31, 2007

**Sheet 11 - Distribution Rate Change Summary** 

Burlington Hydro Inc. , EB-2007-0511, EB-2005-0356 Wednesday, October 31, 2007

**Sheet 12 - Annualized Bill Impact** 

#### Instructions

(Remember, green cells are input cells)

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

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 1.042	29
--	----

		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)	443	\$ 0.0620	\$ 27.46	443	\$ 0.0620	\$ 27.46	\$0.00	0.0%	
Sub-Total: Energy			\$ 59.26			\$ 59.26	\$0.00	0.0%	
Monthly Service Charge	1	\$ 11.87	\$ 11.87	1	\$ 11.93	\$ 11.93	\$0.06	0.5%	
Distribution (kWh)	1,000	\$ 0.0160	\$ 16.00	1,000	\$ 0.0161	\$ 16.10	\$0.10	0.6%	
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	
Regulatory Assets (kWh)	1,000	\$ 0.0014	\$ 1.40	1,000	\$ -	\$ -	(\$1.40)	(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	1,043	\$ 0.0059	\$ 6.15	1,043	\$ 0.0059	\$ 6.15	\$0.00	0.0%	
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,043	\$ 0.0050	\$ 5.21	1,043	\$ 0.0050	\$ 5.21	\$0.00	0.0%	
Sub-Total: Delivery			\$ 40.64			\$ 39.40	(\$1.24)	(3.1)%	
Wholesale Market Service Rate	1043	\$ 0.0052	\$ 5.42	1043	\$ 0.0052	\$ 5.42	\$0.00	0.0%	
Rural Rate Protection Charge	1043	\$ 0.0010	\$ 1.04	1043	\$ 0.0010	\$ 1.04	\$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			\$ 6.72			\$ 6.72	\$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			\$ 113.61			\$ 112.37	(\$1.24)	(1.1)%	
GST	\$ 113.61	6.00%	\$ 6.82	\$ 112.37	6.00%	\$ 6.74	(\$0.07)	(1.1)%	
Total Bill after Taxes			\$ 120.43			\$ 119.12	(\$1.31)	(1.1)%	

## General Service Less Than 50 kW

Consumption	2,000	kWh	0	kW	Loss Factor 1.0429
-------------	-------	-----	---	----	--------------------

		2007	BILL					2008 BILL			IMPACT	
	Volume	RA:	ATE \$		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)	1,336	\$	0.0620	49	82.82	1,336	\$	0.0620	\$	82.82	\$0.00	0.0%
Sub-Total: Energy				\$	122.57				\$	122.57	\$0.00	0.0%
Monthly Service Charge	1	\$	21.34	\$	21.34	1	\$	21.45	\$	21.45	\$0.11	0.5%
Distribution (kWh)	2,000	\$	0.0148	\$	29.60	2,000	\$	0.0149	\$	29.80	\$0.20	0.7%
Distribution (kW)	0	\$	-	\$	-	0	\$\$	-	\$	-	\$0.00	0.0%
Regulatory Assets (kWh)	2,000	\$	0.0014	\$	2.80	2,000	\$	-	\$	-	(\$2.80)	(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	2,086	\$	0.0054	\$	11.26	2,086	\$	0.0054	\$	11.26	\$0.00	0.0%

## Burlington Hydro Inc. , EB-2007-0511, EB-2005-0356

Wednesday, October 31, 2007

**Sheet 12 - Annualized Bill Impact** 

#### Instructions

(Remember, green cells are input cells)

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

Retail Transmission Rate – Line and Transformation Connection Service Rate	2,086	\$ 0.0045	\$ 9.39	2,086	\$ 0.0045	\$ 9.39	\$0.00	0.0%
Sub-Total: Delivery			\$ 74.39			\$ 71.90	(\$2.49)	(3.3)%
Wholesale Market Service Rate	2086	\$ 0.0052	\$ 10.85	2086	\$ 0.0052	\$ 10.85	\$0.00	0.0%
Rural Rate Protection Charge	2086	\$ 0.0010	\$ 2.09	2086	\$ 0.0010	\$ 2.09	\$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			\$ 13.18			\$ 13.18	\$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			\$ 224.14			\$ 221.65	(\$2.49)	(1.1)%
GST	\$ 224.14	6.00%	\$ 13.45	\$ 221.65	6.00%	\$ 13.30	(\$0.15)	(1.1)%
Total Bill after Taxes			\$ 237.59			\$ 234.95	(\$2.64)	(1.1)%

## General Service 50 to 4,999 kW

Consumption	400,000 kWh	1,000 kW Loss Factor 1.0429	,000 kW Loss Factor 1.0429
-------------	-------------	-----------------------------	----------------------------

			20	IMPACT						
	Volume	RATE \$	CHARGE \$	Volume		RATE \$	CHARGE \$		\$	%
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.7	5 750	\$	0.0530	\$	39.75	\$0.00	0.0%
Energy Second Tier (kWh)	416,410	\$ 0.0620	\$ 25,817.4	2 416,410	\$	0.0620	\$	25,817.42	\$0.00	0.0%
Sub-Total: Energy			\$ 25,857.1	7			\$	25,857.17	\$0.00	0.0%
Monthly Service Charge	1	\$ 66.36	\$ 66.3	6 1	\$	66.69	\$	66.69	\$0.33	0.5%
Distribution (kWh)	400,000	\$ -	\$ -	400,000	\$	-	\$	-	\$0.00	0.0%
Distribution (kW)	1,000	\$ 2.6101	\$ 2,610.1	0 1,000	\$	2.6232	\$	2,623.20	\$13.10	0.5%
Regulatory Assets (kWh)	1,000	\$ 0.7083	\$ 708.3	0 1,000	\$	-	\$	-	(\$708.30)	(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	1,043	\$ 2.2214	\$ 2,316.7	1,043	\$	2.2214	\$	2,316.70	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,043	\$ 1.8569	\$ 1,936.5	6 1,043	\$	1.8569	\$	1,936.56	\$0.00	0.0%
Sub-Total: Delivery			\$ 7,638.0	2			\$	6,943.15	(\$694.87)	(9.1)%
Wholesale Market Service Rate	417160	\$ 0.0052	\$ 2,169.2	3 417160	\$	0.0052	\$	2,169.23	\$0.00	0.0%
Rural Rate Protection Charge	417160	\$ 0.0010	\$ 417.1	6 417160	\$	0.0010	\$	417.16	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.2	5 1	\$	0.2500	\$	0.25	\$0.00	0.0%
Sub-Total: Regulatory			\$ 2,586.6	4			\$	2,586.64	\$0.00	0.0%
Debt Retirement Charge (DRC)	400,000	\$ 0.0070	\$ 2,800.0	400,000	\$	0.0070	\$	2,800.00	\$0.00	0.0%
Total Bill before Taxes			\$ 38,881.8	3			\$	38,186.96	(\$694.87)	(1.8)%
GST	\$ 38,881.83	6.00%	\$ 2,332.9	1 \$ 38,186.96	1	6.00%	\$	2,291.22	(\$41.69)	(1.8)%
Total Bill after Taxes			\$ 41,214.7	4	1		\$	40.478.18	(\$736.56)	(1.8)%

## ¥2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL Burlington Hydro Inc. , EB-2007-0511, EB-2005-0356

Wednesday, October 31, 2007

**Sheet 12 - Annualized Bill Impact** 

#### Instructions

(Remember, green cells are input cells)

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

## **Unmetered Scattered Load**

Consumption 600 kWh 0 kW Loss Factor 1.0429

		2007 BILL	•		2008 BILL	IMPACT			
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	
Energy First Tier (kWh)	626	\$ 0.0530	\$ 33.16	626	\$ 0.0530	\$ 33.16	\$0.00	0.0%	
Energy Second Tier (kWh)	0	\$ 0.0620	\$ -	0	\$ 0.0620	\$ -	\$0.00	0.0%	
Sub-Total: Energy			\$ 33.16			\$ 33.16	\$0.00	0.0%	
Monthly Service Charge	1	\$ 10.54	\$ 10.54	1	\$ 10.59	\$ 10.59	\$0.05	0.5%	
Distribution (kWh)	600	\$ 0.0150	\$ 9.00	600	\$ 0.0151	\$ 9.06	\$0.06	0.7%	
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	
Regulatory Assets (kWh)	600	\$ 0.0002	\$ 0.12	600	\$ -	\$ -	(\$0.12)	(100.0)%	
Rate Riders	600	\$ -	\$ -	600	\$ -	\$ -	\$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	600	\$ -	\$ -	\$0.00	0.0%	
Retail Transmission Rate – Network Service Rate	626	\$ 0.0054	\$ 3.38	626	\$ 0.0054	\$ 3.38	\$0.00	0.0%	
Retail Transmission Rate – Line and Transformation Connection Service Rate	626	\$ 0.0045	\$ 2.82	626	\$ 0.0045	\$ 2.82	\$0.00	0.0%	
Sub-Total: Delivery			\$ 25.85			\$ 25.84	(\$0.01)	(0.0)%	
Wholesale Market Service Rate	626	\$ 0.0052	\$ 3.25	626	\$ 0.0052	\$ 3.25	\$0.00	0.0%	
Rural Rate Protection Charge	626	\$ 0.0010	\$ 0.63	626	\$ 0.0010	\$ 0.63	\$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			\$ 4.13			\$ 4.13	\$0.00	0.0%	
Debt Retirement Charge (DRC)	600	\$ 0.0070	\$ 4.20	600	\$ 0.0070	\$ 4.20	\$0.00	0.0%	
Total Bill before Taxes			\$ 67.35			\$ 67.34	(\$0.01)	(0.0)%	
GST	\$ 67.35	6.00%	\$ 4.04	\$ 67.34	6.00%	\$ 4.04	(\$0.00)	(0.0)%	
Total Bill after Taxes			\$ 71.39			\$ 71.38	(\$0.01)	(0.0)%	

#### **Street Lighting**

400 kWh kW Loss Factor 1.0429 Consumption

	2007 BILL					2	008 BILL	IMPACT			
	Volume	RATE \$		CHARGE \$	Volume	RATE \$		CHARGE \$		\$	%
Energy First Tier (kWh)	417	\$ 0.0530	\$	22.11	417	\$	0.0530	\$	22.11	\$0.00	0.0%
Energy Second Tier (kWh)	0	\$ 0.0620	\$	-	0	\$	0.0620	\$	-	\$0.00	0.0%
Sub-Total: Energy			\$	22.11				\$	22.11	\$0.00	0.0%
Monthly Service Charge	1	\$ 0.11	\$	0.11	1	\$	0.11	\$	0.11	\$0.00	0.0%
Distribution (kWh)	400	\$ -	\$	-	400	\$	-	\$	-	\$0.00	0.0%
Distribution (kW)	1	\$ 0.8396		0.84	1	\$	0.8438	\$	0.84	\$0.00	0.5%
Regulatory Assets (kWh)	1	\$ 0.1745		0.17	1	\$	-	\$	-	(\$0.17)	(100.0)%
Rate Riders	1	\$ -	\$	-	1	\$	-	\$	-	\$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	\$		\$		\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	1	\$ 1.6469	\$	1.72	1	\$	1.6469	\$	1.72	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	\$ 1.3951	\$	1.45	1	\$	1.3951	\$	1.45	\$0.00	0.0%
Sub-Total: Delivery			\$	4.30				\$	4.13	(\$0.17)	(4.0)%
Wholesale Market Service Rate	417	\$ 0.0052	\$	2.17	417	\$	0.0052	\$	2.17	\$0.00	0.0%
Rural Rate Protection Charge	417	\$ 0.0010	\$	0.42	417	\$	0.0010	\$	0.42	\$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			\$	2.84				\$	2.84	\$0.00	0.0%
Debt Retirement Charge (DRC)	400	\$ 0.0070	\$	2.80	400	\$	0.0070	\$	2.80	\$0.00	0.0%
Total Bill before Taxes			\$	32.04				\$	31.87	(\$0.17)	(0.5)%
GST	\$ 32.04	6.00%	\$	1.92	\$ 31.87		6.00%	\$	1.91	(\$0.01)	(0.5)%



**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 \$ 33.97 \$ 33.78 (\$0.18) (0.5)%

% of Total
Bill
26.70%
23.05%
49.75%
10.02%
13.52%
0.00%
0.00%
0.00%
0.00%
0.00%
5.17%
4.38%
33.08%
4.55%
0.88%
0.21%
5.64%
5.88%
94.34%
5.66%
100.00%

% of Total
Bill
16.92%
35.25%
52.17%
9.13%
12.68%
0.00%
0.00%
0.00%
0.00%
0.00%
4.79%

3.99%

30.60%
4.62%
0.89%
0.11%
5.61%
5.96%
94.34%
100.00%

% of Total
Bill
0.10% 63.78%
63.78%
63.88%
0.16%
0.00%
6.48%
0.00%
0.00%
0.00%
0.00%
5.72%
4.78%
17.15%
5.36%
1.03%
0.00%
6.39%
6.92%
94.34%
5.66%
100.00%

% of Total
Bill
<b>Bill</b> 46.46%
0.00%
46.46%
14.84%
12.69%
0.00%
0.00%
0.00%
0.00%
0.00%
4.73%
3.94%
36.21%
4.56%
0.88%
0.35%
5.79%
5.88%
94.34%
5.66%
100.00%

% of Total
Bill
65.44%
0.00%
65.44%
0.33%
0.00%
2.50%
0.00%
0.00%
0.00%
0.00%
5.08%
4.31%
12.21%
6.42%
1.23%
0.74%
8.40%
8.29%
94.34%
5.66%

100.00%

Burlington Hydro Inc. , EB-2007-0511, EB-2005-0356 October 31, 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	Consumption	2007 Bill	2008 Bill		Difference	Bill Impact	Max	Min
	kWh	kW				\$	%		
Residential	100		\$ 23.18	\$ 23.11	-\$	0.07	-0.3%	-0.3%	-1.2%
	250		\$ 38.69	38.41		0.28	-0.7%		
	500		\$ 64.53	\$ 63.90		0.63	-1.0%		
	750		\$ 92.10	\$ 91.13	\$	0.97	-1.1%		
	1,000		\$ 120.43	119.12		1.31	-1.1%		
	1,500		\$ 177.08	175.08		2.00	-1.1%		
	2,000		\$ 233.74	\$ 231.04	4	2.69	-1.2%		
General Service Less Than 50 kW	1,000		\$ 126.66	\$ 125.40	-\$	1.26	-1.0%	-1.0%	-1.2%
	2,000		\$ 237.59	\$ 234.95	-\$	2.64	-1.1%		
	4,000		\$ 459.45	\$ 454.05	-\$	5.40	-1.2%		
	5,000		\$ 570.38	563.60	-\$	6.77	-1.2%		
	10,000		\$ 1,125.03	\$ 1,111.36	-\$	13.66	-1.2%		
	12,500		\$ 1,402.35	\$ 1,385.24	-\$	17.11	-1.2%		
	15,000		\$ 1,679.67	\$ 1,659.12	-\$	20.55	-1.2%		
General Service 50 to 4,999 kW	15,000	60	\$ 1,787.21	\$ 1,743.34	-\$	43.86	-2.5%	-1.6%	-3.0%
	40,000	100	\$ 4,178.58	\$ 4,105.24	-\$	73.34	-1.8%		
	100,000	500	\$ 12,357.76	\$ 11,989.66	-\$	368.11	-3.0%		
	400,000	1,000	\$ 41,214.74	\$ 40,478.18	-\$	736.56	-1.8%		
	1,000,000	3,000	\$ 106,954.65	\$ 104,744.27	-\$	2,210.39	-2.1%		
	1,500,000	4,000	\$ 156,387.28	\$ 153,439.98	-\$	2,947.30	-1.9%		
	2,000,000	4,500	\$ 201,806.92	\$ 198,491.16	-\$	3,315.75	-1.6%		
Unmetered Scattered Load	100		\$ 21.43	\$ 21.47	\$	0.04	0.2%	0.2%	-0.1%
	500		\$ 61.40	\$ 61.40	\$	-	0.0%		
	1,000		\$ 114.15	\$ 114.10	-\$	0.05	0.0%		
	5,000		\$ 553.63	\$ 553.15	-\$	0.48	-0.1%		
	10,000		\$ 1,102.98	\$ 1,101.97	-\$	1.01	-0.1%		
	50,000		\$ 5,497.76	\$ 5,492.51	-\$	5.25	-0.1%		
	150,000		\$ 16,484.71	\$ 16,468.86	-\$	15.85	-0.1%		
Street Lighting	150	1	\$ 15.75	\$ 15.57	-\$	0.18	-1.1%	-0.5%	-1.1%
<u> </u>	1,000	5	\$ 98.23	\$ 97.33	-\$	0.90	-0.9%	Į.	
	5,000	15	\$ 473.86	\$ 471.15	-\$	2.71	-0.6%		
	50,000	150	\$ 4,799.56	\$ 4,772.48		27.08	-0.6%		
	100,000	300	\$ 9,605.90	 9,551.74		54.16	-0.6%		
	500,000	1,500	\$ 48,056.59	47,785.81		270.78	-0.6%		
	750,000	2,000	\$ 70,978.82	\$ 70,617.78	-\$	361.04	-0.5%		

# 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL Burlington Hydro Inc. , EB-2007-0511, EB-2005-0356 October 31, 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 Consumption		2007 Bill	2008 Bill	Difference	Bill Impact	Max	Min
	kWh	kW			\$	%		