KINGSTON ELECTRICITY DISTRIBUTION LIMITED

1211 John Counter Blvd PO Box 790 Kingston ON Canada K7L 4X7 Telephone: 613 546-1181

Fax: 613 542-1463

October 31, 2007

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

Re: 2008 Incentive Regulation Mechanism Distribution Rate Adjustments Kingston Electricity Distribution Limited - Licence No. ED-2003-0057 Kingston_APPL_CovLtr_20071031

Dear Ms. Walli:

Kingston Electricity Distribution Limited ("KEDL") is applying for 2008 Electrical Distribution Rates Adjustments on the basis of the Cost of Capital and 2nd Generation Incentive Regulation Mechanism (IRM) policies as set out by the Ontario Energy Board in the IRM Report dated December 20, 2006, and in subsequent relevant Board Decisions.

Please find enclosed two hard copies of Kingston Electricity Distribution Limited's 2008 Electrical Distribution Rates Adjustment Application. As well this application has now been submitted through the RESS filing system.

Kingston Electricity Distribution Limited Rate Adjustment submission follows the guidelines set by the Ontario Energy Board. The rate adjustments applied for are those generated by the completed 2008 IRM Model and Manager's Summary. As President and Chief Executive Officer of Kingston Electricity Distribution Limited, I request that this submission be approved as filed.

Yours truly,

J.A. Keech, President & CEO
Kingston Floatricity Distribution I

Kingston Electricity Distribution Limited

Enclosures:

- Two (2) hard copies of the 2008 EDR Application consisting of Manager's Summary and the 2008 IRM Model.
- One CD ROM containing:
 - o 2008 EDR Application in PDF document
 - o IRM Excel Model in separate non-PDF document

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Re: 2008 Incentive Regulation Mechanism Distribution Rate Adjustments Kingston Electricity Distribution Limited - Licence No. ED-2003-0057 Kingston_APPL_IRM_20071031

Manager's Summary

1. Introduction

Kingston Electricity Distribution Limited ("KEDL") is applying for 2008 Electrical Distribution Rates Adjustments on the basis of the Cost of Capital and 2nd Generation Incentive Regulation Mechanism (IRM) policies as set out by the Ontario Energy Board in the IRM Report dated December 20, 2006, and in subsequent relevant Board Decisions. KEDL is seeking approval for 2008 Rate Adjustments as laid out by the completed 2008 IRM Model (attached) and this Manager's Summary.

2. Licence Number

In the completed 2008 IRM Model, Sheet 1 LDC Information, the licence number shown for KEDL in cell C14, ED-2002-0057, is not consistent with KEDL's issued licence number ED-2003-0057. Since this cell C14 in the model is an 'output cell' no change has been made to the cell.

3. Board-Approved 2007 EDR Tariff Sheet and 2006 EDR Model Inputs

All 2007 EDR (IRM) rate classifications, rates and charges have been entered into the 2008 IRM Model exactly as indicated on the Board-Approved 2007 Tariff of Rates and Charges with the exception of the Standby Power charge description.

The rate for "Standby Power – APPROVED ON AN INTERIM BASIS" is a description of the rate which can not be entered into Sheet 3 of the excel IRM model. The description from the approved 2007 Tariff Sheet is as follows:

"Standby Charge – for a month where standby power is not provided, the charge is based on the applicable General Service 50 to 4,999 kW or Large Use Distribution Volumetric Charge applied to the contracted amount (e.g. nameplate rating of generation facility)."

All required Board-Approved 2006 EDR model information and corresponding PILS spreadsheet information has been entered into the 2008 IRM Model.

4. Regulatory Asset Recovery

KEDL had an approved regulatory asset recovery in its 2006 distribution rates. To reflect the end of the regulatory asset recovery, rate riders have been removed by the Model.

5. Smart Meter Adder

KEDL's 2007 Board-Approved smart meter adder to be applied to all metered customers is \$0.26 per month. This smart meter adder of \$0.26 has been entered into Sheet 4 of the 2008 IRM Model. KEDL is applying for the continuation of the 2007 smart meter rate adder for 2008. KEDL is not a prescribed distributor and as per instructions in Sheet 4 (Smart Meter Information), column F of the 2008 IRM Model, KEDL has left the 2008 IRM Smart Meter Adder cells blank to allow the Model to default use the existing rate adder.

6. Incremental Approved 2007 CDM Funding

KEDL did not have incremental approved 2007 CDM funding and hence it was not removed from the 2008 rates.

7. Adjustment for Transition to Common Deemed Capital Structure (K-Factor) KEDL's K-factor as calculated by the Model is -0.4%.

8. Distributor Retail Transmission Rates

Preliminary analysis, performed on October 30 and October 31, 2007, of KEDL's Retail Transmission Rates combined with the Board's October 17, 2007 EB-2007-0759 rate order decision to decrease Wholesale Transmission Rates by an average of approximately 12% leads KEDL to believe that KEDL's Retail Transmission Rates should decrease by 10%. KEDL will be performing a more detailed analysis of these rates and estimated variances over the coming weeks. If KEDL's detailed analysis differs significantly from the preliminary analysis then KEDL will submit a revised filing.

9. Rate Implementation

Rate changes will be implemented on a pro-rated basis, which is, consumption prior to May 1, 2008 will be billed at the current rates and consumption occurring May 1, 2008 and after will be billed at the new rates.

7. Submission Guidelines

Kingston Electricity Distribution Limited Rate Adjustment submission follows the guidelines set by the Ontario Energy Board. The rate adjustments applied for are those generated by the completed 2008 IRM Model and this Manager's Summary.

Attachment: 2008 IRM Model



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

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.) **LEGEND**

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.

INDIT 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	Large Use	Yes
5	Unmetered Scattered Load	Yes
6	Street Lighting	Yes
7	Standby Power - APPROVED ON AN INTERIM BASIS	Yes
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







			•		
MONTHLY RATES AND CHARGES			below, indi	pull-down menu in cate whether (Yes) ers will be continui 2008-09 rate year	or not (No)
Residential					
Service Charge	\$	10.46			
Distribution Volumetric Rate	\$/kWh	0.0126			
Rate Rider 1 (if applicable)					
Rate Rider 2 (if applicable)					
Regulatory Asset Recovery	\$/kWh	0.0037		No	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0053			=
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044			
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh				
Retail Transmission Rate - Line and Transformation Connection Service Rate (if applicable)	\$/kWh				
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh				
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh				
Wholesale Market Service Rate	\$/kWh	0.0052			
Rural Rate Protection Charge	\$/kWh	0.0010			
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25			



¥2008 INCENTI√E RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

Ontario Sheet 3 - 2007 Board-Approved Tari	ff of Rates a	nd Charges	
General Service Less Than 50 kW			
Service Charge	\$	23.84	
Distribution Volumetric Rate	\$/kWh	0.0100	
ate Rider 1 (if applicable)			
ate Rider 2 (if applicable)			
egulatory Asset Recovery	\$/kWh	(8000.0)	No
tetail Transmission Rate – Network Service Rate	\$/kWh	0.0048	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040	
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		
Vholesale 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	\$	236.21	
Distribution Volumetric Rate	\$/kW	1.8092	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)	\$/kW	(0.9679)	No
Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate	\$/kW	2.0781	INU
Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7303	
Retail Transmission Rate – Line and Transformation Confriction Service Rate Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW	1.7303	
Retail Transmission Rate – Network Gernder Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Vholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	
Large Use			
Service Charge	\$	3,895.00	
Distribution Volumetric Rate	\$/kW	0.9940	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	(0.9428)	No
Retail Transmission Rate – Network Service Rate	\$/kW	2.5040	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.0851	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate - Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Vholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	
Unmetered Scattered Load			
Service Charge	\$	9.78	
Distribution Volumetric Rate	\$/kWh	0.0121	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)	¢/lsten-	0.0005	No
Regulatory Asset Recovery	\$/kWh	0.0005	No
Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh \$/kWh	0.0053 0.0044	
Retail Transmission Rate – Line and Transformation Connection Service Rate Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh	0.0044	
verair transmission rate - Network service rate df additable)			
tetail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable) Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
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	0.0052	
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	\$/kWh	0.0052 0.0010	



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 - Network Service Rate (if applicable)

Standard Supply Service – Administrative Charge (if applicable)

Wholesale Market Service Rate

Rural Rate Protection Charge

¥2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

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

Street Lighting			
Service Charge	\$	0.87	
Distribution Volumetric Rate	\$/kW	4.0079	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	(1.3430)	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.5011	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2499	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	
Standby Power - APPROVED ON AN INTERIM BASIS Service Charge	\$		
Distribution Volumetric Rate			
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	0		No
Retail Transmission Rate – Network Service Rate	0		

0

0

0

0

0

\$/kWh

\$/kWh

\$

0.0000

0.0000

0.00





Specific Service Charges

Arrears certificate	\$ 15.00
Statement of account	\$ 15.00
Request for other billing information	\$ 15.00
account history	\$ 15.00
Returned cheque charge (plus bank charges)	\$ 15.00
egal letter charge	\$ 15.00
occount set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$ 15.00
Special meter reads	\$ 30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$ 30.00
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Disconnect/Reconnect at meter - during regular hours		65.00
Disconnect/Reconnect at meter - after regular hours		185.00
Disconnect/Reconnect at pole - during regular hours		185.00
Disconnect/Reconnect at pole - after regular hours		415.00

Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
	\$	
	\$	
	\$	
	\$	
	\$	
Layout Fees	\$	200.00
	\$	
	\$	
	\$	
	\$	
	\$	
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	\$	
	\$	
	\$	
	¢	

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	1.0375
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0174
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0271
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0073



Kingston Electricity Distribution Limited

Tariff OF RATES AND CHARGES

Effective May 1, 2008*

(*Except as otherwise noted)

This schedule supersedes and replaces all previously approved schedules of Rates, Charges, and Loss Factors

EB-2007-0548

23.96

0.0101

0.0048

0.0040

0.0052

0.0010

0.25

\$/kWh

\$/kWh

\$/kWh

\$/kWh

\$/kWh

FOR OEB STAFF USE ONLY		
MONTHLY RATES AND CHARGES		
Residential		
	\$	10.51
Service Charge	\$ \$/kWh	10.51 0.0127
Residential Service Charge Distribution Volumetric Rate Retail Transmission Rate – Network Service Rate	· · · · · · · · · · · · · · · · · · ·	
Service Charge Distribution Volumetric Rate Retail Transmission Rate – Network Service Rate	\$/kWh	0.0127
Service Charge Distribution Volumetric Rate Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh \$/kWh	0.0127 0.0053
Service Charge Distribution Volumetric Rate	\$/kWh \$/kWh \$/kWh	0.0127 0.0053 0.0044

Service Charge
Distribution Volumetric Rate

Retail Transmission Rate - Network Service Rate

Wholesale Market Service Rate

Rural Rate Protection Charge

Retail Transmission Rate - Line and Transformation Connection Service Rate

Standard Supply Service – Administrative Charge (if applicable)

General Service 50 to 4,999 kW

Service Charge	\$	237.39
Distribution Volumetric Rate	\$/kW	1.8182
Retail Transmission Rate – Network Service Rate	\$/kW	2.0781
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7303
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25
Large Use		
Service Charge	\$	3,914.47
Distribution Volumetric Rate	\$/kW	0.9990
Retail Transmission Rate – Network Service Rate	\$/kW	2.5040
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.0851
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25
Unmetered Scattered Load		
Service Charge	\$	9.83
Distribution Volumetric Rate	\$/kWh	0.0122
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0053
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0044
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	\$	0.87
Distribution Volumetric Rate	\$/kW	4.0279
Retail Transmission Rate – Network Service Rate	\$/kW	1.5011
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2499
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Standby Power - APPROVED ON AN INTERIM BASIS

Specific Service Charges Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Request for other billing information	\$	15.00
Account history	\$	15.00
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	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Late Payment - per month	%	1.50
•		
Late Payment - per annum	<u></u> %	19.56
Disconnect/Reconnect at meter - during regular hours	0	65.00
Disconnect/Reconnect at meter - after regular hours	0	185.00
Disconnect/Reconnect at pole - during regular hours	0	185.00
Disconnect/Reconnect at pole - after regular hours	0	415.00
stall/Remove load control device - during regular hours	\$	65.00
stall/Remove load control device - after regular hours	•	185.00



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

Sheet 8 - Addback of Smart Meter Rate Adder

Note: No inputs are required for this worksheet.

Class	Month	ly Service Charge	 Add: Smart Meter Rate Adder \$	justed Monthly ervice Charge \$	Ad	justed Volumetric Charge <u>kW / kWh</u>
Residential	\$	10.25	\$ 0.26	\$ 10.51	\$	0.0127
General Service Less Than 50 kW	\$	23.70	\$ 0.26	\$ 23.96	\$	0.0101
General Service 50 to 4,999 kW	\$	237.13	\$ 0.26	\$ 237.39	\$	1.8182
Large Use	\$	3,914.21	\$ 0.26	\$ 3,914.47	\$	0.9990
Unmetered Scattered Load	\$	9.83	\$ -	\$ 9.83	\$	0.0122
Street Lighting	\$	0.87	\$ -	\$ 0.87	\$	4.0279
Standby Power - APPROVED ON AN INTERIM	, \$	-	\$ -	\$ -	\$	-



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
greater than	7 000	Ψ_	0.002	7 000	<u> </u>	0.002

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 Los	s Factor 1.0375
-------------------	-------	--------	-----------------

		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)	438	\$ 0.0620	\$ 27.13	438	\$ 0.0620	\$ 27.13	\$0.00	0.0%
Sub-Total: Energy			\$ 58.93			\$ 58.93	\$0.00	0.0%
Monthly Service Charge	1	\$ 10.46	\$ 10.46	1	\$ 10.51	\$ 10.51	\$0.05	0.5%
Distribution (kWh)	1,000	\$ 0.0126	\$ 12.60	1,000	\$ 0.0127	\$ 12.70	\$0.10	0.8%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%
Regulatory Assets (kWh)	1,000	\$ 0.0037	\$ 3.70	1,000	\$ -	\$ -	(\$3.70)	(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	1,038	\$ 0.0053	\$ 5.50	1,038	\$ 0.0053	\$ 5.50	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,038	\$ 0.0044	\$ 4.57	1,038	\$ 0.0044	\$ 4.57	\$0.00	0.0%
Sub-Total: Delivery			\$ 36.82			\$ 33.27	(\$3.55)	(9.6)%
Wholesale Market Service Rate	1038	\$ 0.0052	\$ 5.40	1038	\$ 0.0052	\$ 5.40	\$0.00	0.0%
Rural Rate Protection Charge	1038	\$ 0.0010	\$ 1.04	1038	\$ 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			\$ 6.68			\$ 6.68	\$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			\$ 109.43			\$ 105.88	(\$3.55)	(3.2)%
GST	\$ 109.43	6.00%	\$ 6.57	\$ 105.88	6.00%	\$ 6.35	(\$0.21)	(3.2)%
Total Bill after Taxes		•	\$ 116.00			\$ 112.23	(\$3.76)	(3.2)%

General Service Less Than 50 kW

Consumption	2,000	kWh	0	kW	Loss Factor 1.0375
	,				

		20	007 BILL				2	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)	1,325	\$	0.0620	\$	82.15	1,325	\$	0.0620	\$ 82.15	\$0.00	0.0%
Sub-Total: Energy				\$	121.90				\$ 121.90	\$0.00	0.0%
Monthly Service Charge	1	\$	23.84	\$	23.84	1	\$	23.96	\$ 23.96	\$0.12	0.5%
Distribution (kWh)	2,000	\$	0.0100	\$	20.00	2,000	\$	0.0101	\$ 20.20	\$0.20	1.0%
Distribution (kW)	0	\$	-	\$	-	0	\$	-	\$ -	\$0.00	0.0%
Regulatory Assets (kWh)	2,000	-\$	0.0008	-\$	1.60	2,000	\$	-	\$ -	\$1.60	(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	2,075	\$	0.0048	\$	9.96	2,075	\$	0.0048	\$ 9.96	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,075	\$	0.0040	\$	8.30	2,075	\$	0.0040	\$ 8.30	\$0.00	0.0%



₹2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

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			\$ 60.5)		\$ 62.42	\$1.92	3.2%
Wholesale Market Service Rate	2075	\$ 0.0052	\$ 10.7	2075	\$ 0.0052	\$ 10.79	\$0.00	0.0%
Rural Rate Protection Charge	2075	\$ 0.0010	\$ 2.0	3 2075	\$ 0.0010	\$ 2.08	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.2	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
Sub-Total: Regulatory			\$ 13.1	2		\$ 13.12	\$0.00	0.0%
Debt Retirement Charge (DRC)	2,000	\$ 0.0070	\$ 14.0	2,000	\$ 0.0070	\$ 14.00	\$0.00	0.0%
Total Bill before Taxes			\$ 209.5	2		\$ 211.44	\$1.92	0.9%
GST	\$ 209.52	6.00%	\$ 12.5	7 \$ 211.44	6.00%	\$ 12.69	\$0.12	0.9%
Total Bill after Taxes			\$ 222.0	9		\$ 224.12	\$2.04	0.9%

General Service 50 to 4,999 kW

Consumption 100,000 kWh	500 kW	Loss Factor 1.0375
-------------------------	--------	--------------------

	1				ī			1		
		2007 BILL	_			2	2008 BILL		IMPACT	
	Volume	RATE \$	C	HARGE \$	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)	103,000	\$ 0.0620	\$	6,386.00	103,000	\$	0.0620	\$ 6,386.00	\$0.00	0.0%
Sub-Total: Energy			\$	6,425.75				\$ 6,425.75	\$0.00	0.0%
Monthly Service Charge	1	\$ 236.21	\$	236.21	1	\$	237.39	\$ 237.39	\$1.18	0.5%
Distribution (kWh)	100,000	\$ -	\$	-	100,000	\$	-	\$ -	\$0.00	0.0%
Distribution (kW)	500	\$ 1.8092	\$	904.60	500	\$	1.8182	\$ 909.10	\$4.50	0.5%
Regulatory Assets (kWh)	500	-\$ 0.9679	-\$	483.95	500	\$	-	\$ -	\$483.95	(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	519	\$ 2.0781	\$	1,078.01	519	\$	2.0781	\$ 1,078.01	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	519	\$ 1.7303	\$	897.59	519	\$	1.7303	\$ 897.59	\$0.00	0.0%
Sub-Total: Delivery			\$	2,632.47				\$ 3,122.10	\$489.63	18.6%
Wholesale Market Service Rate	103750	\$ 0.0052	\$	539.50	103750	\$	0.0052	\$ 539.50	\$0.00	0.0%
Rural Rate Protection Charge	103750	\$ 0.0010	\$	103.75	103750	\$	0.0010	\$ 103.75	\$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			\$	643.50				\$ 643.50	\$0.00	0.0%
Debt Retirement Charge (DRC)	100,000	\$ 0.0070	\$	700.00	100,000	\$	0.0070	\$ 700.00	\$0.00	0.0%
Total Bill before Taxes			\$	10,401.72				\$ 10,891.35	\$489.63	4.7%
GST	\$ 10,401.72	6.00%	\$	624.10	\$ 10,891.35		6.00%	\$ 653.48	\$29.38	4.7%
Total Bill after Taxes			\$	11,025.82				\$ 11,544.83	\$519.01	4.7%



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.

Large Use

Consumption 1,000,000 kWh 3,000 kW Loss Factor 1.0174

ı									
		2007 BILL	_		2	2008 BILL			IMPACT
	Volume	RATE \$	CHARGE \$	Volume		RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	750	\$ 0.0530	\$ 3	9.75 750	\$	0.0530	\$ 39.75	\$0.00	0.0%
Energy Second Tier (kWh)	1,016,650	\$ 0.0620	\$ 63,03	2.30 1,016,650	\$	0.0620	\$ 63,032.30	\$0.00	0.0%
Sub-Total: Energy			\$ 63,07	2.05			\$ 63,072.05	\$0.00	0.0%
Monthly Service Charge	1	\$ 3,895.00	\$ 3,89	5.00 1	\$	3,914.47	\$ 3,914.47	\$19.47	0.5%
Distribution (kWh)	1,000,000	\$ -	\$	- 1,000,000	\$	-	\$ -	\$0.00	0.0%
Distribution (kW)	3,000	\$ 0.9940	\$ 2,98	2.00 3,000	\$	0.9990	\$ 2,997.00	\$15.00	0.5%
Regulatory Assets (kWh)	3,000	-\$ 0.9428	-\$ 2,82	3,000	\$	-	\$ -	\$2,828.40	(100.0)%
Rate Riders	3,000	\$ -	\$	- 3,000	\$	-	\$ -	\$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	3,000	\$	-	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	3,052	\$ 2.5040	\$ 7,64	2.71 3,052	\$	2.5040	\$ 7,642.71	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	3,052	\$ 2.0851	\$ 6,36	1.14 3,052	\$	2.0851	\$ 6,364.14	\$0.00	0.0%
Sub-Total: Delivery			\$ 18,05	5.45			\$ 20,918.32	\$2,862.87	15.9%
Wholesale Market Service Rate	1017400	\$ 0.0052	\$ 5,29	0.48 1017400	\$	0.0052	\$ 5,290.48	\$0.00	0.0%
Rural Rate Protection Charge	1017400	\$ 0.0010	\$ 1,01	7.40 1017400	\$	0.0010	\$ 1,017.40	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$).25 1	\$	0.2500	\$ 0.25	\$0.00	0.0%
Sub-Total: Regulatory			\$ 6,30	3.13			\$ 6,308.13	\$0.00	0.0%
Debt Retirement Charge (DRC)	1,000,000	\$ 0.0070	\$ 7,00	1,000,000	\$	0.0070	\$ 7,000.00	\$0.00	0.0%
Total Bill before Taxes			\$ 94,43	5.63			\$ 97,298.50	\$2,862.87	3.0%
GST	\$ 94,435.63	6.00%		5.14 \$ 97,298.50		6.00%	\$ 5,837.91	\$171.77	3.0%
Total Bill after Taxes			\$ 100,10	1.77			\$ 103,136.41	\$3,034.64	3.0%

Unmetered Scattered Load

Consumption 2,000,000 kWh 5,000 kW Loss Factor 1.0375

		2007 BILL	_			2	008 BILL			MPACT
	Volume	RATE \$		CHARGE \$	Volume		RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	750	\$ 0.0530	\$	39.75	750	\$	0.0530	\$ 39.75	\$0.00	0.0%
Energy Second Tier (kWh)	2,074,250	\$ 0.0620	\$	128,603.50	2,074,250	\$	0.0620	\$ 128,603.50	\$0.00	0.0%
Sub-Total: Energy			\$	128,643.25				\$ 128,643.25	\$0.00	0.0%
Monthly Service Charge	1	\$ 9.78	\$	9.78	1	\$	9.83	\$ 9.83	\$0.05	0.5%
Distribution (kWh)	2,000,000	\$ -	\$	-	2,000,000	\$	-	\$	\$0.00	0.0%
Distribution (kW)	5,000	\$ 0.0121	\$	60.50	5,000	\$	0.0122	\$ 61.00	\$0.50	0.8%
Regulatory Assets (kWh)	5,000	\$ 0.0005	\$	2.50	5,000	\$	-	\$	(\$2.50)	(100.0)%
Rate Riders	5,000	\$ -	\$	-	5,000	\$	-	\$ -	\$0.00	0.0%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A		N/A	1	\$	-	\$ -	\$0.00	0.0%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A		N/A	5,000	\$	-	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	5,188	\$ 0.0053	\$	27.49	5,188	\$	0.0053	\$ 27.49	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	5,188	\$ 0.0044	\$	22.83	5,188	\$	0.0044	\$ 22.83	\$0.00	0.0%
Sub-Total: Delivery			\$	123.10				\$ 121.15	(\$1.95)	(1.6)%
Wholesale Market Service Rate	2075000	\$ 0.0052	\$	10,790.00	2075000	\$	0.0052	\$ 10,790.00	\$0.00	0.0%
Rural Rate Protection Charge	2075000	\$ 0.0010	\$	2,075.00	2075000	\$	0.0010	\$ 2,075.00	\$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			\$	12,865.25				\$ 12,865.25	\$0.00	0.0%
Debt Retirement Charge (DRC)	2,000,000	\$ 0.0070	\$	14,000.00	2,000,000	\$	0.0070	\$ 14,000.00	\$0.00	0.0%
Total Bill before Taxes			\$	155,631.60				\$ 155,629.65	(\$1.95)	(0.0)%
GST	\$ 155,631.60	6.00%	\$	9,337.90	\$ 155,629.65		6.00%	\$ 9,337.78	(\$0.12)	(0.0)%
Total Bill after Taxes			\$	164,969.49				\$ 164,967.43	(\$2.07)	(0.0)%



400,000

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.

kWh

\$

0.2500

6.00%

\$

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.

1,000

Street Lighting

Consumption

Regulated Price Plan - Administration

Charge

Sub-Total: Regulatory

Debt Retirement Charge (DRC)

Total Bill after Taxes

Total Bill before Taxes

2007 BILL 2008 BILL **IMPACT** CHARGE RATE CHARGE RATE Volume Volume \$ % Energy First Tier (kWh) 750 0.0530 39.75 0.0530 39.75 \$0.00 0.0% Energy Second Tier (kWh)
Sub-Total: Energy 25 683 50 25,683.50 \$0.00 **\$0.00** 414,250 0.0620 414,250 0.0620 0.0% 25,723.25 0.0% 25,723.25 Monthly Service Charge 0.87 0.87 0.87 \$0.00 0.0% Distribution (kWh) 400,000 400,000 \$0.00 0.0% 4.0079 \$ 4,007.90 4.0279 4.027.90 Distribution (kW) 1.000 1.000 \$20.00 0.5% \$1,343.00 1,000 1.3430 -\$ 1,343.00 1,000 (100.0)% Regulatory Assets (kWh) Rate Riders 1,000 1,000 \$0.00 Monthly Rate Rider Adjustment (Shee N/A N/A 1 \$ \$0.00 0.0% 9) Volumetric Rate Rider Adjustment N/A N/A 1,000 \$ \$0.00 (Sheet 9) Retail Transmission Rate – Network 1.038 \$ 1.5011 \$ 1.557.39 1.038 \$ 1.5011 1.557.39 \$0.00 0.0% Service Rate Retail Transmission Rate - Line and Transformation Connection Service 1,038 \$ 1.2499 \$ 1,296.77 1,038 1.2499 1,296.77 \$0.00 0.0% Rate Sub-Total: Delivery 5,519.93 6,882.93 \$1,363.00 24.7% 415000 415000 Wholesale Market Service Rate 0.0052 \$ 0.0052 2,158.00 2,158.00 \$0.00 0.0% Rural Rate Protection Charge 41500 0.0010 \$0.00 0.0% 415.00

kW

Loss Factor 1.0375

\$0.00

\$0.00

\$0.00

\$1,363.00

\$81.78

\$1,444,78

0.25

2,800.00

37,979.43

2,278.77

0.0%

0.0%

0.0%

3.7%

3.7%

Standby Power - APPROVED ON AN INTERIM BASIS

400,000

36,616.43

·					
Consumption	2,000,000	kWh	5,000	kW	Loss Factor 1.0375

0.25

2,800.00

36,616.43

2,196.99

38.813.42

1

400,000

37,979.43

\$

0.2500

0.0070

6.00%

		2007 BILL			2008 BILI	_		IMPACT
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%
Energy Second Tier (kWh)	2,074,250	\$ 0.0620	\$ 128,603.50	2,074,250	\$ 0.0620	\$ 128,603.50	\$0.00	0.0%
Sub-Total: Energy			\$ 128,643.25			\$ 128,643.25	\$0.00	0.0%
Monthly Service Charge	1	\$ -	\$ -	1	\$ -	-	\$0.00	0.0%
Distribution (kWh)	2,000,000	\$ -	\$ -	2,000,000	\$ -	\$ -	\$0.00	0.0%
Distribution (kW)	5,000	\$ -	\$ -	5,000	\$ -	\$ -	\$0.00	0.0%
Regulatory Assets (kWh)	5,000	\$ -	\$ -	5,000	\$ -	\$ -	\$0.00	0.0%
Rate Riders	5,000	\$	\$ -	5,000	\$ -	\$ -	\$0.00	0.0%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	5,000	\$ -	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	5,188	\$ -	\$ -	5,188	\$ -	\$ -	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	5,188	\$ -	\$ -	5,188	\$ -	\$ -	\$0.00	0.0%
Sub-Total: Delivery			\$ -			\$ -	\$0.00	0.0%
Wholesale Market Service Rate	2075000	\$ 0.0052	\$ 10,790.00	2075000	\$ 0.0052	\$ 10,790.00	\$0.00	0.0%
Rural Rate Protection Charge	2075000	\$ 0.0010	\$ 2,075.00	2075000	\$ 0.0010	\$ 2,075.00	\$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			\$ 12,865.25			\$ 12,865.25	\$0.00	0.0%
Debt Retirement Charge (DRC)	2,000,000	\$ 0.0070	\$ 14,000.00	2,000,000	\$ 0.0070	\$ 14,000.00	\$0.00	0.0%
Total Bill before Taxes			\$ 155,508.50			\$ 155,508.50	\$0.00	0.0%
GST	\$ 155,508.50	6.00%	\$ 9,330.51	\$ 155,508.50	6.00%	\$ 9,330.51	\$0.00	0.0%



₹2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

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	\$ 164,839.01		\$ 164,839.01	\$0.00	0.0%

% of Total Bill
28.33%
24.17%
52.50% 9.36%
11.32%
0.00%
0.00%
0.00%
0.00%
0.00%
4.90%
4.07%
29.65%
4.81%
0.92%
0.22%
5.95%
6.24%
94.34%
5.66%

100.00%

% of Total
Bill
17.74%
36.65%
54.39%
10.69%
9.01%
0.00%
0.00%
0.00%
0.00%
0.00%
4.44%
3.70%

27.85%
4.81%
0.93%
0.11%
5.85%
6.25%
94.34%
5.66%
100 00%

% of Total
Bill
0.34%
55.31%
55.66%
2.06%
0.00%
7.87%
0.00%
0.00%
0.00%
0.00%
9.34%
7.77%
27.04%
4.67%
0.90%

0.00%

5.57% 6.06% 94.34% 5.66% 100.00%

% of Total
Bill
0.04%
61.12%
61.15%
3.80% 0.00%
0.00%
2.91%
0.00%
0.00%
0.00%
0.00%
7.41%
6.17%
20.28%
20.28% 5.13%
0.99%
0.00%
6.12%
6.79%
94.34%
5.66%
100.00%

% of Total
Bill
0.02%
77.96%
77.98%
0.01%
0.00%
0.04%
0.00%
0.00%
0.00%
0.00%
0.02%
0.01%
0.07%
6.54%
1.26%
0.00%
7.80%
8.49%
94.34%
5.66%
100.00%

% of Total
Bill
0.10%
63.80%
63.90%
0.00%
0.00%
10.01%
0.00%
0.00%
0.00%
0.00%
3.87%
3.22%
17.10%
5.36%
1.03%
0.00%
6.39%
6.96%
94.34%
5.66%
100.00%

% of Total
Bill
0.02%
78.02%
78.04%
0.00%
0.00%
0.00%
0.00%
0.00%
0.00%
0.00%
0.00%
0.00%
0.00%
6.55%
1.26%
0.00%
7.80%
8.49%
94.34%
5.66%

100.00%

MATERIAL PROPERTY OF THE PROPE

Y 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 January 0, 1900

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	NOT .	\$ 23.37	\$ 23.04	\$ (0.33)	-1.4%	-1.4%	-2.8%
Residential	250		\$ 41.40	 40.50	\$ (0.90)	-2.2%	1.470	2.070
	500		\$ 71.96	70.11	\$ (1.86)			
	600		\$ 85.23	82.99	\$ (2.24)			
	750		\$ 105.13	102.32	\$ (2.81)	-2.7%		
	1,000		\$ 138.29	134.53	\$ (3.76)			
	1,500		\$ 204.62	\$ 198.95	\$ (5.67)			
General Service Less Than 50 kW	2,000		\$ 266.16	\$ 268.20	\$ 2.04	0.8%	0.8%	0.8%
	2,500		\$ 328.11	\$ 330.62	\$ 2.51	0.8%	l.	
	4,000		\$ 513.94	\$ 517.88	\$ 3.94	0.8%		
	5,000		\$ 637.83	\$ 642.73	\$ 4.90	0.8%		
	10,000		\$ 1,257.28	1,266.95	\$ 9.67	0.8%		
	12,500		\$ 1,567.01		\$ 12.05	0.8%		
	15,000		\$ 1,876.73	\$	\$ 14.44	0.8%		
General Service 50 to 4,999 kW	15,000	60	\$ 2,142.82	\$ 2,206.20	\$ 63.38	3.0%	3.8%	2.1%
,	40,000	100	\$ 4,938.17	5,042.97	\$ 104.80	2.1%	J.	
	100,000	500	\$ 13,522.69	\$ 14,041.69	\$ 519.01	3.8%		
	400,000	1,000	\$ 47,190.24	\$ 48,227.00	\$ 1,036.76	2.2%		
	1,000,000	3,000	\$ 120,695.37	\$ 123,803.17	\$ 3,107.79	2.6%		
	1,500,000	4,000	\$ 177,836.30	\$ 181,979.60	\$ 4,143.31	2.3%		
	2,000,000	5,000	\$ 234,977.22	\$ 240,156.04	\$ 5,178.82	2.2%		
Large Use	15,000	60	\$ 5,636.56	\$ 5,717.48	\$ 80.92	1.4%	3.6%	1.4%
	40,000	100	\$ 7,860.94	\$ 7,982.05	\$ 121.11	1.5%	J.	
	100,000	500	\$ 14,720.48	\$ 15,243.45	\$ 522.97	3.6%		
	400,000	1,000	\$ 41,513.12	\$ 42,538.43	\$ 1,025.31	2.5%		
	1,000,000	3,000	\$ 100,101.77	\$ 103,136.41	\$ 3,034.64	3.0%		
	1,500,000	4,000	\$ 145,590.07	\$ 149,629.38	\$ 4,039.31	2.8%		
	2,000,000	5,000	\$ 191,078.37	\$ 196,122.35	\$ 5,043.98	2.6%		
Unmetered Scattered Load	15,000	60	\$ 1,534.21	\$ 1,534.24	\$ 0.03	0.0%	0.0%	0.0%
	40,000	100	\$ 4,083.83	\$ 4,083.84	\$ 0.01	0.0%		
	100,000	500	\$ 10,211.06	\$ 10,210.90	\$ (0.16)	0.0%		
	400,000	1,000	\$ 40,806.99	\$ 40,806.62	\$ (0.37)	0.0%		
	1,000,000	3,000	\$ 102,025.67	\$ 102,024.45	\$ (1.22)	0.0%		
	1,500,000	4,000	\$ 153,023.36	\$ 153,021.72	\$ (1.64)	0.0%		
	2,000,000	5,000	\$ 204,021.06	\$ 204,018.99	\$ (2.07)	0.0%		

22 PERIOD PROPERTY AND ADDRESS OF THE PERIOD PROPERTY ADDRESS OF

Y 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 January 0, 1900

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	200	7 Bill	2008 Bill	Difference	Bill Impact	Max	Min
	kWh	kW				\$	%		
Street Lighting	15,000	60	\$	1,921.41	\$ 2,008.10	\$ 86.69	4.5%	5.3%	3.0%
	40,000	100	\$	4,735.46	\$ 4,879.94	\$ 144.48	3.1%		
	100,000	500	\$	13,506.98	\$ 14,229.37	\$ 722.39	5.3%		
	400,000	1,000	\$	47,408.29	\$ 48,853.07	\$ 1,444.78	3.0%		
	1,000,000	3,000	\$ 1	21,848.45	\$ 126,182.79	\$ 4,334.34	3.6%		
	1,500,000	4,000	\$ 1	79,456.89	\$ 185,236.01	\$ 5,779.12	3.2%		
	2,000,000	5,000	\$ 2	37,065.32	\$ 244,289.22	\$ 7,223.90	3.0%	•	
Standby Power - APPROVED ON AN INTERIM	15,000	60	\$	1,522.24	\$ 1,522.24	\$ -	0.0%	0.0%	0.0%
	40,000	100	\$	4,070.78	\$ 4,070.78	\$ -	0.0%		
	100,000	500	\$	10,187.29	\$ 10,187.29	\$ -	0.0%		
	400,000	1,000	\$	40,769.83	\$ 40,769.83	\$ -	0.0%		
	1,000,000	3,000	\$ 1	01,934.90	\$ 101,934.90	\$ -	0.0%		
	1,500,000	4,000	\$ 1	52,905.80	\$ 152,905.80	\$ -	0.0%		
	2,000,000	5,000	\$ 2	03,876.69	\$ 203,876.69	\$ -	0.0%	•	



Standby Power -

APPROVED ON AN

2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

Sheet 7 - Price Cap Adjustment

\$

Note: No inputs are requi	red for tl	nis worksheet.		J					
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	d Monthly Service Charge	Мо	nthly Service Charge with Price Cap Adjustment	Adj	usted Volumetric Rate (kW / kWh)	W	olumetric Rate vith Price Cap Adjustment	
Residential	\$	10.20	\$	10.25	\$	0.0126	\$	0.0127	
General Service Less Than 50 kW	\$	23.58	\$	23.70	\$	0.0100	\$	0.0101	
General Service 50 to 4,999 kW	\$	235.95	\$	237.13	\$	1.8092	\$	1.8182	
Large Use	\$	3,894.74	\$	3,914.21	\$	0.9940	\$	0.9990	
Unmetered Scattered Load	\$	9.78	\$	9.83	\$	0.0121	\$	0.0122	
Street Lighting	\$	0.87	\$	0.87	\$	4.0079	\$	4.0279	

\$

\$

\$



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385

Saturday, January 00, 1900

Sheet 6 - K-Factor Derivation

Capital Structure Transition

Year	Small [\$0, \$100N	Л)		Small ,\$250M)	Med-L [\$250M		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 6.57 %	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C \$ 27,792	2,554 (Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)
Size of Litility	D Small	

Deemed Capital Structure

	Dent	Lquity	
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 7.785 %	$= (E1 \times B) + (E2 \times A)$	Weighted Average Cost of capital
2009	7 70 %	- (F1 X R) + (F2 X A)	

Return on Rate Base

Current	1 9	2,163,650.33 = C X G / 100
2008	J	2,141,363.48 = C X H / 100

Distribution Expenses and Revenue Requirement (before PILs)

Distribution Expenses (other than PILs)	κ	\$ 7,150,844	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15,
Base Revenue Requirement	L	\$ 9,742,371	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27,
Transformer Allowance Credit	М	\$ 199,891	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120

Revenue Requirement (before PILs)

Current	N	\$ 9,314,494.33	= I + K
2008	0	\$ 9,292,207.48	=J+K

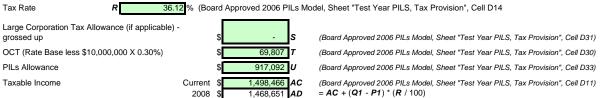
Target Net Income (EBIT)

Current	\$ 1,250,664.93	P1 = I - P2
2008	\$ 1,168,121.04	Q1 = J - Q2

Interest Expense

Current	\$ 912,985.40	$P2 = C \times (B \times E1 / 100)$
2008	\$ 973,242.44	$Q2 = C \times (B \times F1 / 100)$

PILs



= AC * (R / 100) / (1 - R / 100)Federal Tax (grossed up) Current 917,092 830,427 **W** = AD * (R / 100) / (1 - R / 100)2008 \$

Base Revenue Requirement Adjustment (including PILs)

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

= N + V + T10,231,586.74 **X** Current = O + W + T2008 \$ 10,192,441.52 **Y**

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 2008	\$ 9,942,262.00 Z \$ 9,903,116.78 AA1	= L + M = Z + (Y - X)
Difference	\$ - 39,145.22 AA2	= AA1 - Z
K-factor	-0.4% AB	= AA2/Z



Ontario Energy Board

2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Sheet 1 Utility Information Sheet

<u>Legend:</u>	Input Cell	Pull-Down Menu Option	Output Cell	
Please note that this mod	el uses MACROS. Before star	ting, please ensure that mad	eros have been enabled.	
Name of LDC:	Kingston Electricity Distribution L	imited	1	
Licence Number:	ED-2002-0057			
IRM 2008 EB Number: (if known)	EB-2007-XXXX	Ī		
IRM 2007 EB Number:	EB-2007-0548			
EDR 2006 RP Number:	RP-2005-0020	EDR 2006 EB Number:	EB-2005-0385	
Date of Submission:		Last Saved Date:	10/31/07 2:17 PM	
Model Version:	2.0			
Contact Information Name:	Sherry Gibson		1	
Title:	Rates and Revenue Analyst			
Phone Number:	613.546.1181 ext 2383			
E-Mail Address:	sgibson@utilitieskingston.com			
lease Note: In the event of an inconsisten of Generation Incentive Regulation of Onte comments			eport of the Board on Cost of Ca	apital and

Copyright

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2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL Kingston Electricity Distribution Limited

EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

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	200	7 Monthly Service Charge \$	 07 Volumetric Rate Charge <i>kW / kWh</i>	M	ess: 2007 Smart eter Adder from lonthly Service Charge \$	Se	Adjusted Monthly ervice Charge	Vo	djusted lumetric Charge W/kWh	
Residential	\$	10.46	\$ 0.0126	\$	0.26	\$	10.20	\$	0.0126	\$/kWh
General Service Less Than 50 kW	\$	23.84	\$ 0.0100	\$	0.26	\$	23.58	\$	0.0100	\$/kWh
General Service 50 to 4,999 kW	\$	236.21	\$ 1.8092	\$	0.26	\$	235.95	\$	1.8092	\$/kW
Large Use	\$	3,895.00	\$ 0.9940	\$	0.26	\$	3,894.74	\$	0.9940	\$/kW
Unmetered Scattered Load	\$	9.78	\$ 0.0121	\$	-	\$	9.78	\$	0.0121	\$/kWh
Street Lighting	\$	0.87	\$ 4.0079	\$	-	\$	0.87	\$	4.0079	\$/kW
Standby Power - APPROVED ON AN	\$	-	\$ -	\$	-	\$	-	\$	-	0



🁺 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

Sheet 11 - Distribution Rate Change Summary

Note: No inputs are required for this worksheet.

	ıtial

Data		Fixed (\$)	\$	Volumetric per kW / kWh
2007 Rates	\$	10.46	\$	0.0126
Less: Smart meters	-\$	0.26	\$	-
Less: CDM	\$	-	\$	-
Add: GDP-IPI - X	\$	0.09	\$	0.0001
Add: K-Factor	\$	(0.04)	-\$	0.0001
Add: Smart Meters	\$	0.26	\$	-
Final 2008 Rates	\$	10.51	\$	0.0127

General Service Less Than 50 kW

		Fixed		olumetric
Data		(\$)	\$ pe	er kW / kWh
2007 Rates	\$	23.84	\$	0.0100
Less: Smart meters	-\$	0.26	\$	-
Less: CDM	\$	-	\$	-
Add: GDP-IPI - X	\$	0.21	\$	0.0001
Add: K-Factor	\$	(0.09)	-\$	0.0000
Add: Smart Meters	\$	0.26	\$	=
Final 2008 Rates	\$	23.96	\$	0.0101

General Service 50 to 4,999 kW

Data		Fixed (\$)		Volumetric per kW / kWh
2007 Rates	\$	236.21	\$	1.8092
Less: Smart meters	-\$	0.26	\$	-
Less: CDM	\$	-	\$	-
Add: GDP-IPI - X	\$	2.12	\$	0.0163
Add: K-Factor	\$	(0.94)	-\$	0.0072
Add: Smart Meters	\$	0.26	\$	-
Final 2008 Rates	\$	237.39	\$	1.8182

Large Use

		Fixed		Volumetric
Data		(\$)	\$	per kW / kWh
2007 Rates	\$	3,895.00	\$	0.9940
Less: Smart meters	-\$	0.26	\$	-
Less: CDM	\$	-	\$	-
Add: GDP-IPI - X	\$	35.05	\$	0.0089
Add: K-Factor	\$	(15.58)	-\$	0.0040
Add: Smart Meters	\$	0.26	\$	-
Final 2008 Rates	\$	3,914.47	\$	0.9990



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

Sheet 11 - Distribution Rate Change Summary

Uni	mete	ered	Sca	ttere	d I	oad
UII	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, cu	Oca		uL	.ouv

		Fixed (\$)		Volumetric \$ per kW / kWh	
Data					
2007 Rates	\$	9.78	\$	0.0121	
Less: Smart meters	\$	-	\$	-	
Less: CDM	\$	-	\$	=	
Add: GDP-IPI - X	\$	0.09	\$	0.0001	
Add: K-Factor	\$	(0.04)	-\$	0.0000	
Add: Smart Meters	\$	-	\$	-	
Final 2008 Rates	\$	9.83	\$	0.0122	

Street Lighting

	Fixed		Volumetric	
Data	(\$)	\$ p	er kW / kWh	
2007 Rates	\$ 0.87	\$	4.0079	
Less: Smart meters	\$ -	\$	-	
Less: CDM	\$ -	\$	-	
Add: GDP-IPI - X	\$ 0.01	\$	0.0361	
Add: K-Factor	\$ (0.00)	-\$	0.0160	
Add: Smart Meters	\$ -	\$	-	
Final 2008 Rates	\$ 0.87	\$	4.0279	

Standby Power - APPROVED ON AN IN Data

Data	(\$)		\$ per kW / kWh	
2007 Rates	\$ -	\$	-	
Less: Smart meters	\$ =	\$	-	
Less: CDM	\$ =	\$	-	
Add: GDP-IPI - X	\$ =	\$	-	
Add: K-Factor	\$ -	\$	-	
Add: Smart Meters	\$ =	\$	-	
Final 2008 Rates	\$ -	\$	-	

Fixed

Volumetric



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

Sheet 11 - Distribution Rate Change Summary



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

Sheet 11 - Distribution Rate Change Summary



2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

Sheet 9. - Z-Factor Rate Rider Adjustment

 \square YES Is the Applicant seeking Board approval for other rate adjustments? ✓ 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 also file adequate support for

te adjustment. Provide a brief

applied for should complits proposal. In columns C and D below explanation about the national control of the columns of the co	w, insert the Z-Factor ra	te riders associated wi	
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			
Large Use			
Unmetered Scattered Load			
Street Lighting			
Standby Power - APPROVED ON AN			



2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Kingston Electricity Distribution Limited EB-2007-XXXX, EB-2007-0548, EB-2005-0385 Saturday, January 00, 1900

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

	2007 IRM	2008 IRM
Residential	\$ 0.26	
General Service Less Than 50 kW	\$ 0.26	
General Service 50 to 4,999 kW	\$ 0.26	
Large Use	\$ 0.26	