

MANAGER'S SUMMARY

COOPÉRATIVE HYDRO EMBRUN INC.

ED-2002-0493 – LICENCE
RP-2005-0020 - EDR 2006
EB-2005-0354 - EDR 2006
EB-2007-0519- IRM 2007
EB-2007-0848 – IRM 2008
EB-2008-0168 - IRM 2009

IN THE MATTER OF an Application by Cooperative Hydro Embrun Inc. for Incentive Rate Mechanism Adjustment Model, effective May 1, 2009, in accordance with the Cost of Capital EB –2006-0088 and 2nd Generation Incentive Regulation Mechanism issued December 20,2006 by the Ontario Energy Board.

AND IN THE MATTER OF an application by Cooperative Hydro Embrun Inc. for an order or orders approving or fixing just and reasonable distribution rates and other charges, to be effective May 1, 2009.

1. Introduction

- 1.1 Cooperative Hydro Embrun Inc. (the “Company”) is a licensed electricity distribution business operating in the Town of Embrun, under license #ED-2002-0493 with no special conditions in its’ licence.
- 1.2 The Company submits this Draft Application which includes the 2009 Incentive Rate Mechanism Adjustment Model (IMR) Model, and the required documentation to adjust distribution rates effective May 1, 2009 based on the policies set out in the Report of the Board on the Cost of Capital (EB-2006-0088) and 2nd Generation IRM (EB-2006-0089) for Ontario’s Electricity Distributors issued by the Ontario Energy Board (“Board”) and dated December 20, 2006 and the subsequent relevant Board Decision..
- 1.3 Cooperative Hydro Embrun Inc. will prorate customer consumptions, with pre-May 1, 2009 consumption at the old rates and post-May 1, 2009 consumption at the new rates.

2. Incentive Rate Mechanism Adjustment (IRM) Model

The following information summarizes the output of the IRM Model.

Sheet -A1.1 LDC Information

As per the instructions issued by the Board, LDC information related to the application has been entered.

Sheet -B1.1 Set up Tariff Sheet Rate Class-General

As per Board Approved 2008 Tariff of Rates and Charge

Sheet -B2.1 Set up Tariff Sheet Rate Class-Unique

Cooperative has no Unique Class

Sheet-C1.1 Smart Meter Rate Adder

As per Board Approved 2008 IRM Model for
The amount of \$0.27

Sheet-C2.1 Smart Meter Cost Recovery

No input required

Sheet-C2.2 Regulatory Asset Recovery

No input required

Sheet-C2.3 LV Wheeling

No input required

Sheet-C3.1 Current Tariff Rates-General Rate Class

As per Board Approved 2008 Tariff of Rates and Charge for all General Classes

Sheet-C6.1 Current Tariff Rates-Unique Rate Class

Cooperative has no Unique Class

Sheet-C7.1 Calculation of Base Distribution Rates-General Class

No input required

Sheet-C8.1 Calculation of Base Distribution Rates-Unique Class

Cooperative has no Unique Class

Sheet-D1.1 K-Factor Adjustment

As per the instructions issued by the Board, input data from Board approved 2006 EDR Model and the corresponding PILs spreadsheet for a K-factor -0.4% result.

Sheet-D1.2 K-Factor Adjustment-General

No input required

Sheet-D1.3 K-Factor Adjustment -Unique

Cooperative has no Unique Class

Sheet-D2.1 Federal Tax Adjustment

Data from Sheet D1.1 K-Factor they have been enter

Sheet-D2.2 Federal Tax Adjustment - General

No input required

Sheet-D2.3 Federal Tax Adjustment – Unique

Cooperative has no Unique Class

Sheet-E1.1 Rate Reb Base Dist Rts Gen

No input required

Sheet-E2.1 Rate Reb Base Dist Rts Unq

Cooperative has no Unique Class

Sheet-F1.1 Price Cap Adjustment

No input required

Sheet-F1.2 Price Cap Adjustment-Gen

No input required

Sheet-F1.3 Price Cap Adjustment-Unq

Cooperative has no Unique Class

Sheet-G1.1 Aft PrcCp Base Dst Rts Gen

No input required

Sheet-G2.1 Aft PrcCp Base Dst Rts Unq

Cooperative has no Unique Class

Sheet-J1.1 Smart Meter Rate Adder

Cooperative Hydro Embrun Inc. Requesting the Standard \$1.00 Smart Meter Funding Adder as per G-2008-0002 issued on October 22, 2008.

Cooperative Hydro Embrun Inc. is authorized by virtue of paragraph 8 of section 1(1) of O.Reg 427/06 that smart meters were procure pursuant to and in compliance with the August 14, 2007 Request for Proposal issued by London Hydro Inc. (See Appendix A – Letter from PRP International Inc. for evidence)

Cooperative Hydro Embrun Inc plan to installed 1000 units in 2009 and 1000 units in 2010.

We sharing the cost with three other LDC on smart meter implementation and we plan using common MAS.

We still waiting an answer from the Ministry and the OEB and be in position to meet a vendor. (See Appendix B – Letter to the Ministry of Energy)

Cooperative Hydro Embrun Inc. expect to purchase, smart meter or advanced metering infrastructure (AMI) whose functionality exceeds the minimum functionality adopted in O.Reg. 425/06 as per London RFP.

Cooperative Hydro Embrun Inc. expect to incur, cost associated with functions for which the SME has the exclusive authority to carry out pursuant to O. Reg. 393/07.

All the cost associated in reference of the above are shown in Appendix C.

Sheet-J2.1 Smart Meter Cost Recovery

No input required

Sheet-J2.2 Regulatory Asset Recovery

No input required

Sheet-J2.3 LV Wheeling

No input required

Sheet-K1.1 App For Dist Rates Gen

No input required

Sheet-K2.1 App For Dist Rates Uniq

Cooperative has no Unique Class

Sheet-L1.1 Current & Application For TX Network

As per Guideline G-2008-001 October 22, 2008.
A value 11% has been used.

Sheet-L1.2 Current & Application For TX Network Uniq

No input required

Sheet-L2.1 Current & Application For TX Connect

As per Guideline G-2008-001 October 22, 2008.
A value 5 % has been used.

Sheet-L2.2 Current & Application For TX Connect

No input required

Sheet-N1.1 Monthly Rates & Charges – General

No input required

Sheet-N2.1 Monthly Rates & Charges – Unique

Cooperative has no Unique Class

Sheet-N3.1 Current & Application For Lost Factor

As per Board Approved 2008 Tariff of Rates and Charge

Sheet-O1.1 Sum of Chgs To MSC&DX Gen

No input required

Sheet-O1.2 Sum of Chgs To MSC&DX Uniq

Cooperative has no Unique Class

Sheet-O2.1 Bill Impact Calculation

Service Class		
	MONTHLY KWH	% INCREASE (DECREASE) PER CLASS
Residential	1000	1.5%
General Service Less Than 50 kW	2000	1.1%
General Service 50 to 4,999 kW	50000	0.6%
Unmetered Scattered Load	300	0.9%
Street Lighting	25000	0.9%

SEE ALSO APPENDIX D

Sheet-P1.1 Allowance from Current Tariff Sheet

As per Board Approved 2008 Tariff of Rates and Charge

Sheet-P2.1 Specific Service Charges Current

As per Board Approved 2008 Tariff of Rates and Charge

Sheet-P3.1 Retail Service Charges Current

As per Board Approved 2008 Tariff of Rates and Charge

Signed this 31st day of October 2009 at Embrun by:

Benoit Lamarche
Manager
Cooperative Hydro Embrun Inc.

Appendix A



PRP International, Inc. *Fairness Advisory Services*

May 30, 2008

Mr. Benoit Lamarche
Cooperative Hydro Embrun Inc.
821 Notre-Dame Street, Suite 200
Embrun, ON K0A 1W1

Dear Mr. Lamarche:

Subject: Attestation of the Fairness Commissioner
Advanced Metering Infrastructure RFP, August 2007
London Hydro & Consortium of LDCs Smartmetering Project

PRP International, Inc. is pleased to submit its letter report of the Fairness Commissioner for the noted Request for Proposal (RFP) evaluation and selection phase. This judgment is being provided for the information and use of each Consortium LDC Sponsor, in their consideration of the report from the Evaluation Phase, for this competitive transaction.

"It is the judgment of PRP International, Inc., as the Fairness Commissioner, that the determinations of the two (2) highest ranked Proponents for the Cooperative Hydro Embrun Inc. requirements are:

- Silver Spring Networks, as the recommended Preferred Proponent, based on its highest ranking, and*
- Elster Metering being the second ranked Proponent.*

These determinations were made in a fair (objective and competent) manner and consistent with the evaluation and selection processes set out in the RFP, issued August 14, 2007."

A detailed report for your records will be submitted to you, by August 31, 2008. Should you have any questions or require clarification of any matter contained in this letter report, please contact the undersigned.

Yours truly,

Peter Sorensen
President

cc: Mr. Gary Rains, RFP Project Director



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web: www. orpowercorp.com

October 17, 2008

Usman Syed
Senior Advisor
Office of Consumer and Regulatory Affairs
Ontario Ministry of Energy & Infrastructure
880 Bay Street, 3rd Floor
Toronto, ON M7A 2C1

Email: usman.syed@ontario.ca

Dear Syed:

RE: Smart Meter Deployment

In reference to your e-mail inquiry through London Hydro, we can report as follows:

- Ottawa River Power was identified with Silver Springs as the “best value” and Elster as the second “best value” supplier in the London RFP.
- ORPC had completed a pilot program with Elster that was approved by the OEB as part of the third tranche C&DM initiative that included a MAS server and meters.
- In reviewing the costs of abandoning the Elster pilot and moving to Silver Springs, it was found there was a substantial cost increase that would be incurred which raises the question whether it would be prudent purchase.
- In August, we had discussions with the Fairness Commissioner and the Ministry of Energy regarding the implications of not moving ahead with Silver Springs and moving to the second rated vendor, Elster. As late as October 9th, our concern was being reviewed by the Ministry of Energy and the OEB.

In view of this background, the status of our smart meter project is:

- We have not entered into negotiations with a vendor.
- Vendor negotiations are not being pursued pending a response from the Ministry and the OEB.
- We would hope to have a response in the near future and be in a position to meet with a vendor and plan deployment for 50% of meters in both 2009 and 2010 (approximately 4000 per year). No planned work was performed in 2008.

“A Proud Locally Owned Municipal Utility”

Furthermore, it has been our intention to work with three other local utilities on smart meter implementation. We share the same billing system and there are synergies in having the same smart metering system, using a common MAS. As well, they have Silver Springs and Elster as their respective vendors. Embrun and Hydro 2000 already have Elster water meters in their municipalities.

The utilities and their meter deployment are as follows;

	2009	2010
Hydro Hawkesbury Inc.	2500	2500
Ottawa River Power	4000	4000
Hydro 2000	1300	
Cooperative Hydro Embrun	1000	1000
Renfrew Hydro	1400	2000

If we can provide any additional information, please let us know.

Yours truly,

Original signed by

Douglas Fee, P.Eng.
President

Cc: Michel Poulin, Hydro Hawkesbury
Rene Beaulne, Hydro 2000 Inc.
Benoit Lamarche, Cooperative Hydro Embrun Inc.
Tom Freemark, Renfrew Hydro Inc.

Tuesday, July 08, 2008

Smart Meter Capital Cost and Operational Expense Data for Cooperative Hydro Embank Inc. supplied by Elster.



Smart Meter Unit Installation Plan:

Planned number of Residential smart meters to be installed	2008	2009	2010	2011	Total
Planned number of Residential smart meters to be installed	558	651	651	651	1,960
Planned number of General Service Less Than 50 kW smart meters	-	558	651	651	1,960
Planned number of General Service Greater Than 50 kW smart meters	-	4	5	6	14
Total Planned Meter Installations per Year	558	655	657	657	1,960
PKI Meter Installation	-	622	648	648	-

Smart Meter Unit Cost

Smart Meter Unit Cost	2008	2009	2010	2011	Total
Smart Meter Unit Cost	\$85.52	A			
Smart Meter Other Unit Cost	\$0.00	B			
Smart Meter Installation Cost per Unit	\$17.85	C			
Smart Meter Other Cost per Unit	\$75.43	D			
Total Unit Cost per Smart Meter	\$178.80	E = A + B + C + D			

AMI Capital Cost

AMI Computer Hardware Costs	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
AMI Computer Hardware Costs	10,346																	10,846
AMI Computer Software Costs	232,448																	232,448
Total AMI Capital Cost	242,794																	242,794

Other Capital Cost

Other Computer Hardware Costs	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
Other Computer Hardware Costs	208,912																	208,912
Other Computer Software Costs																		
Total Other Capital Cost	208,912																	208,912

Incremental AMI Operational Expenses

Incremental AMI O&M Expenses	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Incremental AMI O&M Expenses	27,446	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	896,873
Incremental AMI Admin Expenses																	
Total Incremental AMI Operational Expenses	27,446	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	50,295	896,873

Incremental Other Operational Expenses

Incremental Other O&M Expenses	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Incremental Other O&M Expenses	8,144	7,278	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	129,851
Incremental Other Admin Expenses																	
Total Incremental Other Operational Expenses	8,144	7,278	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	8,028	129,851

Total Smart Metering Expenses

Total Smart Metering Expenses	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Total Smart Metering Expenses	60,232	145,691	161,292	139,229	84,347	84,347	84,347	84,347	84,347	84,347	84,347	84,347	84,347	84,347	84,347	84,347	1,420,008
Number of revenue meters	1,974																
Overall System Cost per revenue meter (end point):	784.06																

Appendix C



London Hydro

Smart Meter Unit Installation Plan:

	2008	2009	2010	2011	Total
Planned number of residential smart meters to be installed	658	651	651	651	1,990
Planned number of General Service Less Than 50 kW smart meters	-	658	651	651	1,990
Planned number of General Service Greater Than 50 kW smart meters	-	4	0	0	14
Total Planned Meter Installations per year	-	662	658	658	1980
Fixed Meter Installation	-	-	-	-	-

Smart Meter Unit Cost

	A	B	C	D	E = A + B + C + D
Smart Meter Unit Cost	\$118,468				
Smart Meter Other Unit Cost	\$0,000				
Smart Meter Installation Cost per Unit	\$17,869				
Smart Meter Other Cost per Unit	\$53,271				
Total Unit Cost per Smart Meter	\$189,548				

³ LOC Assumption not/Date

AMI Capital Cost

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
AMI Computer Hardware Costs	\$115,746																\$ 115,746
AMI Computer Software Costs	\$193,642																\$ 193,642
Total AMI Capital Cost	\$309,388																\$ 309,388

Other Capital Cost

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Other Computer Hardware Costs	\$6,040																\$ 6,040
Other Computer Software Costs	\$6,040																\$ 6,040
Total Other Capital Cost	\$12,080																\$ 12,080

Incremental AMI Operational Expenses

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Incremental AMI O&M Expenses	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$1,791	\$ 24,315
Incremental AMI Admin Expenses	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$ -
Incremental Other Operational Expenses	\$3,780	\$14,858	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$ 242,189
Total Incremental AMI Operational Expenses	\$5,571	\$16,649	\$17,880	\$17,880	\$17,880	\$17,880	\$17,880	\$17,880	\$17,880	\$17,880	\$17,880	\$17,880	\$17,880	\$17,880	\$17,880	\$17,880	\$ 266,504

³ LOC Assumption not/Date

Incremental Other Admin Expenses

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Other Admin Expenses	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$ -
Smart Metering Expenses	\$352,497	\$131,697	\$122,848	\$113,279	\$10,698	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$ 734,352
Present Worth of Future M&E Costs:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$ -
Total Smart Metering Expenses	\$352,497	\$131,697	\$122,848	\$113,279	\$10,698	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$16,088	\$ 734,352
Number of revenue meters																	1,974
Overall System Cost per revenue meter (and profit):																	\$ 423.88

Appendix D

Email the Board


Ontario Energy Board
 Commission de l'énergie de l'Ontario
2nd Generation Incentive Regulation Mechanism

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Instructions

This worksheet calculates the bill impacts for all general rate classes.

Residential

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	11.99	12.79
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0103	0.0104
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0047	0.0052
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	0.0050
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service - Administration Charge (if applicable)	\$	0.25	0.25

Consumption	1,000 kWh	kWh	kW
RPP Tier One	600	kWh	Load Factor

Loss Factor 1.0628

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	%	% of Total Bill
Energy First Tier (kWh)	600	0.0560	33.60	600	0.0560	33.60	0.0%	28.68%
Energy Second Tier (kWh)	463	0.0650	30.10	463	0.0650	30.10	0.0%	25.69%
Sub-Total: Energy			63.70			63.70	0.0%	54.37%
Service Charge	1	11.99	11.99	1	12.79	12.79	6.7%	10.92%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	1,000	0.0103	10.30	1,000	0.0104	10.40	1.0%	8.88%
Distribution Volumetric Rate Rider(s)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.0%	0.00%
Total: Distribution			22.29			23.19	4.0%	19.79%
Retail Transmission Rate - Network Service Rate	1,063	0.0047	5.00	1,063	0.0052	5.53	0.22	4.3%
Retail Transmission Rate - Line and Transformation Connection Service Rate	1,063	0.0048	5.10	1,063	0.0050	5.32	4.3%	4.54%
Total: Retail Transmission			10.10			10.85	7.4%	9.28%
Sub-Total: Delivery (Distribution and Retail Transmission)			32.39			34.04	1.65	29.05%
Wholesale Market Service Rate	1,063	0.0052	5.53	1,063	0.0052	5.53	0.0%	4.72%
Rural Rate Protection Charge	1,063	0.0010	1.06	1,063	0.0010	1.06	0.0%	0.90%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.0%	0.21%
Sub-Total: Regulatory			6.84			6.84	0.0%	5.84%
Debt Retirement Charge (DRC)	1,000	0.00700	7.00	1,000	0.00700	7.00	0.0%	5.97%
Total Bill before Taxes			109.93			111.58	1.65	95.24%
GST	109.93	5%	5.50	111.58	5%	5.58	0.08	4.76%
			115.43			117.16	1.73	100.00%

**Rate Class Threshold Test
Residential**

Loss Factor	Adjusted kWh	250	600	1,000	1,600	2,250
	kw	266	638	1,063	1,701	2,392
	Load Factor					

Energy

Applied For Bill	\$ 14.90	\$ 36.07	\$ 63.69	\$ 105.16	#####
Current Bill	\$ 14.90	\$ 36.07	\$ 63.69	\$ 105.16	#####
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	38.7%	49.1%	54.4%	57.6%	59.2%

Distribution

Applied For Bill	\$ 15.39	\$ 19.03	\$ 23.19	\$ 29.43	\$ 36.19
Current Bill	\$ 14.57	\$ 18.17	\$ 22.29	\$ 28.47	\$ 35.17
\$ Impact	\$ 0.82	\$ 0.86	\$ 0.90	\$ 0.96	\$ 1.02
% Impact	5.6%	4.7%	4.0%	3.4%	2.9%
% of Total Bill	40.0%	25.9%	19.8%	16.1%	14.3%

Retail Transmission

Applied For Bill	\$ 2.71	\$ 6.51	\$ 10.84	\$ 17.35	\$ 24.40
Current Bill	\$ 2.53	\$ 6.06	\$ 10.10	\$ 16.15	\$ 22.72
\$ Impact	\$ 0.18	\$ 0.45	\$ 0.74	\$ 1.20	\$ 1.68
% Impact	7.1%	7.4%	7.3%	7.4%	7.4%
% of Total Bill	7.0%	8.9%	9.3%	9.5%	9.6%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 18.10	\$ 25.54	\$ 34.03	\$ 46.78	\$ 60.59
Current Bill	\$ 17.10	\$ 24.23	\$ 32.39	\$ 44.62	\$ 57.89
\$ Impact	\$ 1.00	\$ 1.31	\$ 1.64	\$ 2.16	\$ 2.70
% Impact	5.8%	5.4%	5.1%	4.8%	4.7%
% of Total Bill	47.0%	34.7%	29.1%	25.6%	23.9%

Regulatory

Applied For Bill	\$ 1.90	\$ 4.21	\$ 6.84	\$ 10.80	\$ 15.08
Current Bill	\$ 1.90	\$ 4.21	\$ 6.84	\$ 10.80	\$ 15.08
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.9%	5.7%	5.8%	5.9%	5.9%

Debt Retirement Charge

Applied For Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
Current Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.5%	5.7%	6.0%	6.1%	6.2%

GST

Applied For Bill	\$ 1.83	\$ 3.50	\$ 5.58	\$ 8.70	\$ 12.08
Current Bill	\$ 1.78	\$ 3.44	\$ 5.50	\$ 8.59	\$ 11.94
\$ Impact	\$ 0.05	\$ 0.06	\$ 0.08	\$ 0.11	\$ 0.14
% Impact	2.8%	1.7%	1.5%	1.3%	1.2%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 38.48	\$ 73.52	\$ 117.14	\$ 182.64	#####
Current Bill	\$ 37.43	\$ 72.15	\$ 115.42	\$ 180.37	#####
\$ Impact	\$ 1.05	\$ 1.37	\$ 1.72	\$ 2.27	\$ 2.84
% Impact	2.8%	1.9%	1.5%	1.3%	1.1%

Rounding Applied
Rounding Current

-0.020000
-0.010000



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Instructions

This worksheet calculates the bill impacts for all general rate classes.

General Service Less Than 50 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	15.27	16.09
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0137	0.0138
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043	0.0048
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	2,000 kWh	kWh	-	kWh
RPP Tier One	750	kWh		kWh

Loss Factor 1.0628

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.0%	17.99%
Energy Second Tier (kWh)	1,376	0.0650	89.44	1,376	0.0650	89.44	0.0%	38.31%
Sub-Total: Energy			131.44			131.44	0.0%	56.30%
Service Charge	1	15.27	15.27	1	16.09	16.09	5.4%	6.89%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,000	0.0137	27.40	2,000	0.0138	27.60	0.7%	11.82%
Distribution Volumetric Rate Rider(s)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.0%	0.00%
Total: Distribution			42.67			43.69	2.4%	18.71%
Retail Transmission Rate – Network Service Rate	2,126	0.0043	9.14	2,126	0.0048	10.20	11.6%	4.37%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,126	0.0043	9.14	2,126	0.0045	9.57	4.7%	4.10%
Total: Retail Transmission			18.28			19.77	8.2%	8.47%
Sub-Total: Delivery (Distribution and Retail Transmission)			60.95			63.46	4.1%	27.18%
Wholesale Market Service Rate	2,126	0.0052	11.06	2,126	0.0052	11.06	0.0%	4.74%
Rural Rate Protection Charge	2,126	0.0010	2.13	2,126	0.0010	2.13	0.0%	0.91%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.0%	0.11%
Sub-Total: Regulatory			13.44			13.44	0.0%	6.76%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.0%	6.00%
Total Bill before Taxes			219.83			222.34	1.1%	95.24%
GST	219.83	5%	10.99	222.34	5%	11.12	1.2%	4.76%
			230.82			233.46	1.1%	100.00%

**Rate Class Threshold Test
General Service Less Than 50 kW**

	1,000	5,000	10,000	15,000	20,000
kWh	1,063	5,315	10,629	15,943	21,257
Loss Factor Adjusted kWh	1,063	5,315	10,629	15,943	21,257
kW					
Load Factor					

Energy

Applied For Bill	\$ 62.34	\$ 338.72	\$ 684.13	\$ 1,029.54	\$ 1,374.95
Current Bill	\$ 62.34	\$ 338.72	\$ 684.13	\$ 1,029.54	\$ 1,374.95
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	51.2%	59.6%	60.7%	61.1%	61.3%

Distribution

Applied For Bill	\$ 29.89	\$ 85.09	\$ 154.09	\$ 223.09	\$ 292.09
Current Bill	\$ 28.97	\$ 83.77	\$ 152.27	\$ 220.77	\$ 289.27
\$ Impact	\$ 0.92	\$ 1.32	\$ 1.82	\$ 2.32	\$ 2.82
% Impact	3.2%	1.6%	1.2%	1.1%	1.0%
% of Total Bill	24.6%	15.0%	13.7%	13.2%	13.0%

Retail Transmission

Applied For Bill	\$ 9.88	\$ 49.43	\$ 98.85	\$ 148.27	\$ 197.69
Current Bill	\$ 9.14	\$ 45.70	\$ 91.40	\$ 137.10	\$ 182.82
\$ Impact	\$ 0.74	\$ 3.73	\$ 7.45	\$ 11.17	\$ 14.87
% Impact	8.1%	8.2%	8.2%	8.1%	8.1%
% of Total Bill	8.1%	8.7%	8.8%	8.8%	8.8%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 39.77	\$ 134.52	\$ 252.94	\$ 371.36	\$ 489.78
Current Bill	\$ 38.11	\$ 129.47	\$ 243.67	\$ 357.87	\$ 472.09
\$ Impact	\$ 1.66	\$ 5.05	\$ 9.27	\$ 13.49	\$ 17.69
% Impact	4.4%	3.9%	3.8%	3.8%	3.7%
% of Total Bill	32.7%	23.7%	22.4%	22.0%	21.8%

Regulatory

Applied For Bill	\$ 6.84	\$ 33.21	\$ 66.15	\$ 99.09	\$ 132.05
Current Bill	\$ 6.84	\$ 33.21	\$ 66.15	\$ 99.09	\$ 132.05
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.6%	5.8%	5.9%	5.9%	5.9%

Debt Retirement Charge

Applied For Bill	\$ 7.00	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
Current Bill	\$ 7.00	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.7%	6.2%	6.2%	6.2%	6.2%

GST

Applied For Bill	\$ 5.80	\$ 27.07	\$ 53.66	\$ 80.25	\$ 106.84
Current Bill	\$ 5.71	\$ 26.82	\$ 53.20	\$ 79.58	\$ 105.95
\$ Impact	\$ 0.09	\$ 0.25	\$ 0.46	\$ 0.67	\$ 0.89
% Impact	1.6%	0.9%	0.9%	0.8%	0.8%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 121.75	\$ 568.52	\$ 1,126.88	\$ 1,685.24	\$ 2,243.62
Current Bill	\$ 120.00	\$ 563.22	\$ 1,117.15	\$ 1,671.08	\$ 2,225.04
\$ Impact	\$ 1.75	\$ 5.30	\$ 9.73	\$ 14.16	\$ 18.58
% Impact	1.5%	0.9%	0.9%	0.8%	0.8%



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Instructions

This worksheet calculates the bill impacts for all general rate classes.

General Service 50 to 4,999 kW

Monthly Rates and Charges			
Metric	Current Rate	Applied For Rate	
Service Charge	\$ 239.91	242.06	
Service Charge Rate Rider(s)	\$ -	-	
Distribution Volumetric Rate	\$/kW 3.3921	3.4123	
Distribution Volumetric Rate Rider(s)	\$/kW -	-	
Retail Transmission Rate -- Network Service Rate	\$/kW 1.7399	1.9313	
Retail Transmission Rate -- Line and Transformation Connection Service Rate	\$/kW 1.6988	1.7837	
Wholesale Market Service Rate	\$/kWh 0.0052	0.0052	
Rural Rate Protection Charge	\$/kWh 0.0010	0.0010	
Standard Supply Service -- Administration Charge (if applicable)	\$ 0.25	0.25	

	50,000 kWh	100 kWh
Consumption	750	68.5%
RPP Tier One	750	68.5%

Loss Factor 1.0628

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.0%	0.79%
Energy Second Tier (kWh)	52,391	0.0650	3,405.42	52,391	0.0650	3,405.42	0.0%	63.82%
Sub-Total: Energy			3,447.42			3,447.42	0.0%	64.61%
Service Charge	1	239.91	239.91	1	242.06	242.06	2.15	0.9%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%
Distribution Volumetric Rate	100	3.3921	339.21	100	3.4123	341.23	2.02	0.6%
Distribution Volumetric Rate Rider(s)	100	0.0000	0.00	100	0.0000	0.00	0.00	0.00%
Total: Distribution			579.12			583.29	4.17	10.93%
Retail Transmission Rate -- Network Service Rate	100	1.7399	173.99	100	1.9313	193.13	19.14	11.0%
Retail Transmission Rate -- Line and Transformation Connection Service Rate	100	1.6988	169.88	100	1.7837	178.37	8.49	5.0%
Total: Retail Transmission			343.87			371.50	27.63	8.0%
Sub-Total: Delivery (Distribution and Retail Transmission)			922.99			954.79	31.80	17.89%
Wholesale Market Service Rate	53,141	0.0052	276.33	53,141	0.0052	276.33	0.00	5.18%
Rural Rate Protection Charge	53,141	0.0010	53.14	53,141	0.0010	53.14	0.00	1.00%
Standard Supply Service -- Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%
Sub-Total: Regulatory			329.72			329.72	0.00	6.18%
Debt Retirement Charge (DRC)	50,000	0.00700	350.00	50,000	0.00700	350.00	0.00	6.86%
Total Bill before Taxes			5,050.13			5,081.93	31.80	95.24%
GST	5,050.13	5%	252.51	5,081.93	5%	254.10	1.69	4.76%
			5,302.64			5,336.03	33.39	100.00%

**Rate Class Threshold Test
General Service 50 to 4,999 kW**

	kWh	20,000	510,000	995,000	1,501,000	2,006,000
Loss Factor Adjusted kWh		21,257	542,029	1,057,487	1,595,263	2,131,977
kW		50	1,270	2,480	3,740	5,000
Load Factor		0.55	0.55	0.55	0.55	0.55

Energy

Applied For Bill	\$	1,374.95	\$	35,225.13	\$	68,729.90	\$	103,685.34	\$	138,571.75
Current Bill	\$	1,374.95	\$	35,225.13	\$	68,729.90	\$	103,685.34	\$	138,571.75
\$ Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		58.3%		65.2%		65.3%		65.4%		65.4%

Distribution

Applied For Bill	\$	412.68	\$	4,575.68	\$	8,704.56	\$	13,004.06	\$	17,303.56
Current Bill	\$	409.52	\$	4,547.88	\$	8,652.32	\$	12,926.36	\$	17,200.41
\$ Impact		3.16		27.80		52.24		77.70		103.15
% Impact		0.8%		0.6%		0.6%		0.6%		0.6%
% of Total Bill		17.5%		8.5%		8.3%		8.2%		8.2%

Retail Transmission

Applied For Bill	\$	185.75	\$	4,718.05	\$	9,213.20	\$	13,894.10	\$	18,575.00
Current Bill	\$	171.93	\$	4,367.15	\$	8,527.97	\$	12,860.74	\$	17,193.50
\$ Impact		13.82		350.90		685.23		1,033.36		1,381.50
% Impact		8.0%		8.0%		8.0%		8.0%		8.0%
% of Total Bill		7.9%		8.7%		8.8%		8.8%		8.8%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$	598.43	\$	9,293.73	\$	17,917.76	\$	26,898.16	\$	35,878.56
Current Bill	\$	581.45	\$	8,915.03	\$	17,480.29	\$	25,787.10	\$	34,393.91
\$ Impact		16.98		378.70		737.47		1,111.06		1,484.65
% Impact		2.9%		4.2%		4.3%		4.3%		4.3%
% of Total Bill		25.4%		17.2%		17.0%		17.0%		16.9%

Regulatory

Applied For Bill	\$	132.05	\$	3,360.83	\$	6,556.67	\$	9,890.88	\$	13,218.51
Current Bill	\$	132.05	\$	3,360.83	\$	6,556.67	\$	9,890.88	\$	13,218.51
\$ Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		5.6%		6.2%		6.2%		6.2%		6.2%

Debt Retirement Charge

Applied For Bill	\$	140.00	\$	3,570.00	\$	6,965.00	\$	10,507.00	\$	14,042.00
Current Bill	\$	140.00	\$	3,570.00	\$	6,965.00	\$	10,507.00	\$	14,042.00
\$ Impact		-		-		-		-		-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		5.9%		6.6%		6.6%		6.6%		6.6%

GST

Applied For Bill	\$	112.27	\$	2,572.48	\$	5,008.47	\$	7,549.07	\$	10,085.54
Current Bill	\$	111.42	\$	2,553.55	\$	4,971.59	\$	7,493.52	\$	10,011.31
\$ Impact		0.85		18.93		36.88		55.55		74.23
% Impact		0.8%		0.7%		0.7%		0.7%		0.7%
% of Total Bill		4.8%		4.8%		4.8%		4.8%		4.8%

Total Bill

Applied For Bill	\$	2,357.70	\$	54,022.17	\$	105,177.80	\$	158,530.45	\$	211,796.36
Current Bill	\$	2,339.87	\$	53,624.54	\$	104,403.45	\$	157,363.84	\$	210,237.48
\$ Impact		17.83		397.63		774.35		1,166.61		1,558.88
% Impact		0.8%		0.7%		0.7%		0.7%		0.7%

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Instructions

This worksheet calculates the bill impacts for all general rate classes.

Unmetered Scattered Load

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	7.75	7.80
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0140	0.0141
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043	0.0048
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	300 kWh	0 kW
RPP Tier One	750 kWh	Load Factor

Loss Factor 1.0628

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	%	% of Total Bill
Energy First Tier (kWh)	319	0.0560	17.86	319	0.0560	17.86	0.0%	45.74%
Energy Second Tier (kWh)	0	0.0650	0.00	0	0.0650	0.00	0.0%	0.00%
Sub-Total: Energy			17.86			17.86	0.0%	45.74%
Service Charge	1	7.75	7.75	1	7.80	7.80	0.6%	19.97%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	300	0.0140	4.20	300	0.0141	4.23	0.7%	10.83%
Distribution Volumetric Rate Rider(s)	300	0.0000	0.00	300	0.0000	0.00	0.0%	0.00%
Total: Distribution			11.95			12.03	0.7%	30.81%
Retail Transmission Rate – Network Service Rate	319	0.0043	1.37	319	0.0048	1.53	11.7%	3.92%
Retail Transmission Rate – Line and Transformation Connection Service Rate	319	0.0043	1.37	319	0.0045	1.44	5.1%	3.69%
Total: Retail Transmission			2.74			2.97	8.4%	7.61%
Sub-Total: Delivery (Distribution and Retail Transmission)			14.69			15.00	2.1%	38.41%
Wholesale Market Service Rate	319	0.0052	1.66	319	0.0052	1.66	0.0%	4.25%
Rural Rate Protection Charge	319	0.0010	0.32	319	0.0010	0.32	0.0%	0.82%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.0%	0.64%
Sub-Total: Regulatory			2.23			2.23	0.0%	5.71%
Debt Retirement Charge (DRC)	300	0.00700	2.10	300	0.00700	2.10	0.0%	5.38%
Total Bill before Taxes			36.88			37.19	0.8%	95.24%
GST	36.88	5%	1.84	37.19	5%	1.86	1.1%	4.76%
Total			38.72			39.05	0.9%	100.00%

**Rate Class Threshold Test
Unmetered Scattered Load**

Loss Factor	Adjusted kWh	500 kW	5,000 kW	10,000 kW	15,000 kW	20,000 kW
532	5,315	10,629	15,943	21,257		

Energy

Applied For Bill	\$ 29.79	\$ 338.72	\$ 684.13	\$ 1,029.54	\$ 1,374.95
Current Bill	\$ 29.79	\$ 338.72	\$ 684.13	\$ 1,029.54	\$ 1,374.95
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	50.1%	60.3%	61.0%	61.2%	61.3%

Distribution

Applied For Bill	\$ 14.85	\$ 78.30	\$ 148.80	\$ 219.30	\$ 289.80
Current Bill	\$ 14.75	\$ 77.75	\$ 147.75	\$ 217.75	\$ 287.75
\$ Impact	\$ 0.10	\$ 0.55	\$ 1.05	\$ 1.55	\$ 2.05
% Impact	0.7%	0.7%	0.7%	0.7%	0.7%
% of Total Bill	25.0%	13.9%	13.3%	13.0%	12.9%

Retail Transmission

Applied For Bill	\$ 4.94	\$ 49.43	\$ 98.85	\$ 148.27	\$ 197.69
Current Bill	\$ 4.58	\$ 45.70	\$ 91.40	\$ 137.10	\$ 182.82
\$ Impact	\$ 0.36	\$ 3.73	\$ 7.45	\$ 11.17	\$ 14.87
% Impact	7.9%	8.2%	8.2%	8.1%	8.1%
% of Total Bill	8.3%	8.8%	8.8%	8.8%	8.8%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 19.79	\$ 127.73	\$ 247.65	\$ 367.57	\$ 487.49
Current Bill	\$ 19.33	\$ 123.45	\$ 239.15	\$ 354.85	\$ 470.57
\$ Impact	\$ 0.46	\$ 4.28	\$ 8.50	\$ 12.72	\$ 16.92
% Impact	2.4%	3.5%	3.6%	3.6%	3.6%
% of Total Bill	33.3%	22.8%	22.1%	21.9%	21.8%

Regulatory

Applied For Bill	\$ 3.55	\$ 33.21	\$ 66.15	\$ 99.09	\$ 132.05
Current Bill	\$ 3.55	\$ 33.21	\$ 66.15	\$ 99.09	\$ 132.05
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.0%	5.9%	5.9%	5.9%	5.9%

Debt Retirement Charge


Applied For Bill	\$ 3.50	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
Current Bill	\$ 3.50	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.9%	6.2%	6.2%	6.2%	6.2%

GST

Applied For Bill	\$ 2.83	\$ 26.73	\$ 53.40	\$ 80.06	\$ 106.72
Current Bill	\$ 2.81	\$ 26.52	\$ 52.97	\$ 79.42	\$ 105.88
\$ Impact	\$ 0.02	\$ 0.21	\$ 0.43	\$ 0.64	\$ 0.84
% Impact	0.7%	0.8%	0.8%	0.8%	0.8%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 59.46	\$ 561.39	\$ 1,121.33	\$ 1,681.26	\$ 2,241.21
Current Bill	\$ 58.98	\$ 556.90	\$ 1,112.40	\$ 1,667.90	\$ 2,223.45
\$ Impact	\$ 0.48	\$ 4.49	\$ 8.93	\$ 13.36	\$ 17.76
% Impact	0.8%	0.8%	0.8%	0.8%	0.8%



Ontario Energy Board
Commission de l'énergie de l'Ontario

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Bill Impacts Generator

Instructions

This worksheet calculates the bill impacts for all general rate classes.

Street Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	0.83	0.83
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	3.7547	3.7770
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate - Network Service Rate	\$/kW	1.3122	1.4565
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3133	1.3790
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service - Administration Charge (if applicable)	\$	0.25	0.25

Consumption

	25,000 kWh	100.00 kWh	100.00 kW
RPP Tier One	750 kWh	Load Factor	34.3%

Loss Factor 1.0628

Regulatory

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0660	42.00	750	0.0660	42.00	0.0%	1.47%
Energy Second Tier (kWh)	25,821	0.0650	1,678.37	25,821	0.0650	1,678.37	0.0%	58.71%
Sub-Total: Energy			1,720.37			1,720.37	0.0%	60.18%
Service Charge	1	0.83	0.83	1	0.83	0.83	0.0%	0.03%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	100	3.7547	375.47	100	3.7770	377.70	2.23	13.21%
Distribution Volumetric Rate Rider(s)	100	0.0000	0.00	100	0.0000	0.00	0.00	0.00%
Total: Distribution			376.30			378.53	2.23	13.24%
Retail Transmission Rate - Network Service Rate	100	1.3122	131.22	100	1.4665	146.65	14.43	11.0%
Retail Transmission Rate - Line and Transformation Connection Service Rate	100	1.3133	131.33	100	1.3790	137.90	6.57	5.0%
Total: Retail Transmission			262.55			283.55	21.00	8.0%
Sub-Total: Delivery (Distribution and Retail Transmission)			638.85			662.08	23.23	3.6%
Wholesale Market Service Rate	26,571	0.0052	138.17	26,571	0.0052	138.17	0.00	4.83%
Rural Rate Protection Charge	26,571	0.0010	26.57	26,571	0.0010	26.57	0.00	0.93%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.01%
Sub-Total: Regulatory			164.99			164.99	0.00	5.77%
Debt Retirement Charge (DRC)	25,000	0.00700	175.00	25,000	0.00700	175.00	0.00	6.12%
Total Bill before Taxes			2,698.21			2,722.44	23.23	95.24%
GST	2,698.21	5%	134.96	2,722.44	5%	136.12	1.16	4.76%
Total Bill			2,834.17			2,856.56	24.39	100.00%

Total Bill



2nd Generation Incentive Regulation Mechanism

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*Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.
For best viewing, set your screen resolution to 1280 by 960 pixels*

Applicant Name	Cooperative Hydro Embrun Inc.
Applicant Service Area	Main
OEB Application Number	EB-2008-0168
LDC Licence Number	ED-2002-0493
Notice Publication Language	English/French
DRC Rate	0.00700
Customer Bills	12 per year
Distribution Demand Bill Determinant	kW
RTSR - Low Voltage	No
Contact Information	
Name:	BENOIT LAMARCHE
Title:	MANAGER
Phone Number:	613-443-5110
E-Mail Address:	embrunhydro@hmnet.net

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

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Sheet Name	Purpose of Sheet	
A1.1 LDC Information	Enter LDC Data	
A2.1 Table of Contents	Table of Contents	
B1.1 Curr&Appl Rt Class General	Set up Tariff Sheet Rate Classes - General	
B2.1 Curr&Appl Rt Class Unique	Set up Tariff Sheet Rate Classes - Unique	
C1.1 Smart Meters Rate Adder	Enter Smart Meter Rate Adder	
C2.1 Smart Meter Cost Recovery		0
C2.2 Regulatory Asset Recovery		0
C2.3 LV Wheeling		0
C3.1 Curr Rates & Chgs General	Enter Current Tariff Sheet Rates - General Rate Classes	
C6.1 Curr Rates & Chgs Unique	Enter Current Tariff Sheet Rates - Unique Rate Classes (if applicable)	
C7.1 Base Dist Rates Gen	Calculation of Base Distribution Rates - General Rate Classes	
C8.1 Base Dist Rates Unique	Calculation of Base Distribution Rates - Unique Rate Classes	
D1.1 K-factor Adjustment Wrksht	Enter 2006 EDR K-Factor Adjustment Data	
D1.2 K-factor Adjustment - Gen	Calculation of Adjustment to Rates for K-Factor - General Rate Class	
D1.3 K-factor Adjustment - Uniq	Calculation of Adjustment to Rates for K-Factor - Unique Rate Class	
D2.1 Federal Tax Adjust Wrksht	Enter Federal Tax Adjustment Data	
D2.2 Federal Tax Adjustment Gen	Calculation of Adjustment to Rates for Federal Taxes - General Rate Classes	
D2.3 Federal Tax Adjustment Unq	Calculation of Adjustment to Rates for Federal Taxes - Unique Rate Classes	
E1.1 Rate Reb Base Dist Rts Gen	Calculation of Rates before Price Cap Adjustment - General Rate Classes	
E2.1 Rate Reb Base Dist Rts Unq	Calculation of Rates before Price Cap Adjustment - Unique Rate Classes	
E1.1 Price Cap Adjustmnt Wrksht	Enter Price Cap Adjustment Data	
E1.2 Price Cap Adjustment - Gen	Calculation of Adjustment to Rates for Price Cap Adjustment - General Rate Classes	
E1.3 Price Cap Adjustment - Unq	Calculation of Adjustment to Rates for Price Cap Adjustment - Unique Rate Classes	
G1.1 Afr PrcCap Base Dist Rts Gen	Base Distribution Rates after Price Cap Adjustment - General Rate Class	
G2.1 AfrPrcCap Bas Dst Rts Uniq	Base Distribution Rates after Price Cap Adjustment - Unique Rate Class	
J1.1 Smart Meters Rate Adder	Enter Proposed Tariff Sheet Smart Meter Rate Adder	
J2.1 Smart Meter Cost Recovery		0
J2.2 Regulatory Asset Recovery		0
J2.3 LV Wheeling		0
K1.1 App For Dist Rates Gen	Calculation of Proposed Distribution Rates - General Rate Classes	
K2.1 App For Dist Rates Uniq	Calculation of Proposed Distribution Rates - Unique Rate Classes	
L1.1 Curr&Appl For TX Network	To input adjustment changes for Retail Transmission Network Rates General	
L1.2 Curr&Appl For TX Net Uniq	To input adjustment changes for Retail Transmission Network Rates Unique	
L2.1 Curr&Appl For TX Connect	To input adjustment changes for Retail Transmission Connection Rates General	
L2.2 Curr&Appl For TX Conn Uniq	To input adjustment changes for Retail Transmission Connection Rates Unique	
N1.1 Appl For Mthly R&C General	Monthly Rates and Charges - General Rate Classes	
N2.1 Appl For Mthly R&C Unique	Monthly Rates and Charges - Unique Rate Classes	
N3.1 Curr&Appl For Loss Factor	Enter Loss Factors From Current Tariff Sheet	
O1.1 Sum of Chgs To MSC&DX Gen	Shows Summary of Changes To General Service Charge and Distribution Volumetric Charge	
O1.2 Sum of Chgs To MSC&DX Uniq	Shows Summary of Changes To Unique Service Charge and Distribution Volumetric Charge	
O2.1 Calculation of Bill Impact	Bill Impact Calculations	
P1.1 Curr&Appl For Allowances	Enter Allowances from Current Tariff Sheets	
P2.1 Curr&Appl For Spc Srv Chg	Enter Specific Service Charges from Current Tariff Sheets	
P3.1 Curr&Appl For Rtl Srv Chg	Enter Retail Service Charges from Current Tariff Sheets	



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Instructions

Using the pull-down list in column C and D, choose the general classes that match those on your Board-Approved 2008 Tariff of Rates and Charges.

In column E, indicate whether the class is NEW, CONTINUING, OR DISCONTINUING.

(If a Rate Classification needs to be added to the pull-down list, please contact the Board.)

<u>Rate Group</u>	<u>Rate Class</u>	<u>Applied for Status</u>	<u>Fixed Metric</u>	<u>Vol Metric</u>
RES	Residential	Continuing	Customer - 12 per year	kWh
GSLT50	General Service Less Than 50 kW	Continuing	Customer - 12 per year	kWh
GSGT50	General Service 50 to 4,999 kW	Continuing	Customer - 12 per year	kWh
USL	Unmetered Scattered Load	Continuing	Connection -12 per year	kWh
SL	Street Lighting	Continuing	Connection - 12 per year	kWh
NA	Rate Class 6	NA	NA	NA
NA	Rate Class 7	NA	NA	NA
NA	Rate Class 8	NA	NA	NA
NA	Rate Class 9	NA	NA	NA
NA	Rate Class 10	NA	NA	NA
NA	Rate Class 11	NA	NA	NA
NA	Rate Class 12	NA	NA	NA
NA	Rate Class 13	NA	NA	NA
NA	Rate Class 14	NA	NA	NA
NA	Rate Class 15	NA	NA	NA
NA	Rate Class 16	NA	NA	NA
NA	Rate Class 17	NA	NA	NA
NA	Rate Class 18	NA	NA	NA
NA	Rate Class 19	NA	NA	NA
NA	Rate Class 20	NA	NA	NA
NA	Rate Class 21	NA	NA	NA
NA	Rate Class 22	NA	NA	NA
NA	Rate Class 23	NA	NA	NA
NA	Rate Class 24	NA	NA	NA
NA	Rate Class 25	NA	NA	NA



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Instructions

Using the pull-down list in column C and D, choose the unique classes that match those on your Board-Approved 2008 Tariff of Rates and Charges.

In column E, indicate whether the class is NEW, CONTINUING, OR DISCONTINUING.

(If a Rate Classification needs to be added to the pull-down list, please contact the Board.)

Rate Group	Rate Class	Applied for Status	Fixed Metric	Vol Metric
NA	Rate Class 26	NA	NA	NA
NA	Rate Class 27	NA	NA	NA
NA	Rate Class 28	NA	NA	NA
NA	Rate Class 29	NA	NA	NA
NA	Rate Class 30	NA	NA	NA
NA	Rate Class 31	NA	NA	NA
NA	Rate Class 32	NA	NA	NA
NA	Rate Class 33	NA	NA	NA
NA	Rate Class 34	NA	NA	NA
NA	Rate Class 35	NA	NA	NA



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Instructions

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

Please identify the rate adder in cell D28. For most utilities, the rate adder can be located in the Board-approved 2008 IRM model, worksheet "8. Addback of Smart Meter Amt", column D.

Rate Adder	Smart Meters Rate Adder
Applied for Status	Continuing
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	0.270000

<u>Rate Class</u>	<u>Applied to Class</u>	<u>Fixed Amount</u>	<u>Fixed Metric</u>	<u>Vol Amount</u>	<u>Vol Metric</u>
Residential	Yes	0.270000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.270000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	0.270000	Customer - 12 per year	0.000000	kW

Rate Rider Smart Meter Cost Recovery

Sunset Date
 DD/MM/YYYY

Metric Applied To Metered Customers

Method of Application Uniform Service Charge

Uniform Service Charge Amount 0.000000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.000000	kW

Rate Rider	Regulatory Asset Recovery
Sunset Date	
	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW

Rate Rider	LV Wheeling
Sunset Date	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



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Instructions

Enter your Board-Approved 2008 Tariff of Rates and Charges for all General Classes

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	11.99
Distribution Volumetric Rate	\$/kWh	0.0103
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0048
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	\$	15.27
Distribution Volumetric Rate	\$/kWh	0.0137
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service 50 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	239.91
Distribution Volumetric Rate	\$/kW	3.3921
Retail Transmission Rate – Network Service Rate	\$/kW	1.7399
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6988
	\$/kW	0.0000
	\$/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

Rate Class

Unmetered Scattered Load

Rate Description	Metric	Rate
Service Charge (per connection)	\$	7.75
Distribution Volumetric Rate	\$/kWh	0.0140
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Street Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	0.83
Distribution Volumetric Rate	\$/kW	3.7547
Retail Transmission Rate – Network Service Rate	\$/kW	1.3122
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3133
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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Instructions

Enter your Board-Approved 2008 Tariff of Rates and Charges for the Unique classes



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Instructions

No input required.

The sheet provides a breakdown for the determination of "Current Base Rates" for all general classes.

Service Charge

<u>Class</u>	<u>Metric</u>	<u>Current Rates</u>	<u>Smart Meters Rate Adder</u>	<u>Current Base Rates</u>
Residential	Customer - 12 per year	11.990000	0.270000	11.720000
General Service Less Than 50 kW	Customer - 12 per year	15.270000	0.270000	15.000000
General Service 50 to 4,999 kW	Customer - 12 per year	239.910000	0.270000	239.640000
Unmetered Scattered Load	Connection -12 per year	7.750000	0.000000	7.750000
Street Lighting	Connection - 12 per year	0.830000	0.000000	0.830000

Distribution Volumetric Rate

<u>Class</u>	<u>Metric</u>	<u>Current Rates</u>	<u>Smart Meters Rate Adder</u>	<u>Current Base Rates</u>
Residential	kWh	0.010300	0.000000	0.010300
General Service Less Than 50 kW	kWh	0.013700	0.000000	0.013700
General Service 50 to 4,999 kW	kW	3.392100	0.000000	3.392100
Unmetered Scattered Load	kWh	0.014000	0.000000	0.014000
Street Lighting	kW	3.754700	0.000000	3.754700



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Instructions

No input required.

The sheet provides a breakdown for the determination of "Current Base Rates" for all unique classes.

Service Charge

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Distribution Volumetric Rate

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K-Factor Derivation Worksheet

Please enter the required information into the green-shaded cells.

Capital Structure Transition

Size of Utility (Rate Base)

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

Cost of Capital parameters

ROE	A	<input type="text" value="9.00"/>	% (Board Approved 2006 EDR Model, Sheet 3-2, Cell E32)
Debt Rate	B	<input type="text" value="6.25"/>	% (Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ <input type="text" value="2,173,944"/>	(Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)
Size of Utility	D	<input type="text" value="Small"/>	

Deemed Capital Structure

	Debt	Equity	
2006	E1	<input type="text" value="50.0%"/>	50.0% E2
2008	F1	<input type="text" value="53.3%"/>	46.7% F2
2009	F1.2	<input type="text" value="56.7%"/>	43.3% F2.2

Based on C, copies the deemed D/E from row "2007" of the table
Based on C, copies the deemed D/E from row "2008" of the table
Based on C, copies the deemed D/E from row "2009" of the table

Cost of Capital

2006	G	<input type="text" value="7.625"/>	% = (E1 X B) + (E2 X A)	Weighted Average Cost of capital
2008	H	<input type="text" value="7.53"/>	% = (F1 X B) + (F2 X A)	
2009	H1	<input type="text" value="7.44"/>	% = (F1.2 X B) + (F2.2 X A)	

Return on Rate Base

2006	I	\$ <input type="text" value="185,763.23"/>	= C X G / 100
2008	J	\$ <input type="text" value="163,790.38"/>	= C X H / 100
2009	J1	\$ <input type="text" value="161,757.74"/>	= C X H1 / 100

Distribution Expenses and Revenue Requirement (before PILs)

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

Revenue Requirement (before PILs)

2006	N	\$ <input type="text" value="626,461.23"/>	= I + K
2008	O	\$ <input type="text" value="624,488.38"/>	= J + K
2009	O2	\$ <input type="text" value="622,455.74"/>	= J1 + K

Target Net Income (EBIT)

2006	\$ <input type="text" value="97,827.48"/>	P1 = I - P2
2008	\$ <input type="text" value="91,370.87"/>	Q1 = J - Q2
2009	\$ <input type="text" value="84,718.60"/>	Q1.2 = J1 - Q2.2

Interest Expense

2006	\$ <input type="text" value="67,935.75"/>	P2 = C X (B X E1 / 100)
2008	\$ <input type="text" value="72,419.51"/>	Q2 = C X (B X F1 / 100)
2009	\$ <input type="text" value="77,039.14"/>	Q2.2 = C X (B X F1.2 / 100)

PILs

Tax Rate	R	<input type="text" value="18.62"/>	% (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D14)
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Large Corporation Tax Allowance (if applicable) - grossed up	\$ <input type="text" value="-"/>	S	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D31)
OCT (Rate Base less \$10,000,000 X 0.30%)	\$ <input type="text" value="-"/>	T	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
PILs Allowance	\$ <input type="text" value="25,261"/>	U	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
Taxable Income			
	2006	\$ <input type="text" value="110,404"/>	AC
	2008	\$ <input type="text" value="109,202"/>	AD
	2009	\$ <input type="text" value="107,963"/>	AD1
Federal Tax (grossed up)			
	2006	\$ <input type="text" value="25,261"/>	V
	2008	\$ <input type="text" value="24,986"/>	W
	2009	\$ <input type="text" value="24,702"/>	W1

= AC * (R / 100) / (1 - R / 100)
= AD * (R / 100) / (1 - R / 100)
= AD1 * (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)

2006	\$ <input type="text" value="651,722.01"/>	X	= N + V + T
2008	\$ <input type="text" value="649,474.09"/>	Y	= O + W + T
2009	\$ <input type="text" value="647,158.04"/>	Y2	= O2 + 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)

2006	\$ <input type="text" value="582,127.00"/>	Z	= L + M
2008	\$ <input type="text" value="579,879.07"/>	AA1	= Z + (Y - X)
2009	\$ <input type="text" value="577,563.03"/>	AA1.2	= Z + (Y2 - X)
Difference			
	2008	\$ <input type="text" value="2,247.93"/>	AA2
	2009	\$ <input type="text" value="2,316.05"/>	AA2.2
K-factor			
	2008	<input type="text" value="-0.4%"/>	AB
	2009	<input type="text" value="-0.4%"/>	AC

= AA2 / Z
= AA2.2 / AA1



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Instructions

This worksheet applies the 2009 K-Factor adjustment from Sheet D1.1 to all general classes.

No input required.

Rate Rebalancing Adjustment

K-factor Adjustment - General

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

-0.400%

Uniform Volumetric Charge Percent

-0.400% kWh
-0.400% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	11.720000	Yes	-0.400% -	0.046880
General Service Less Than 50 kW	Customer - 12 per year	15.000000	Yes	-0.400% -	0.060000
General Service 50 to 4,999 kW	Customer - 12 per year	239.640000	Yes	-0.400% -	0.958560
Unmetered Scattered Load	Connection - 12 per year	7.750000	Yes	-0.400% -	0.031000
Street Lighting	Connection - 12 per year	0.830000	Yes	-0.400% -	0.003320

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.010300	Yes	-0.400% -	0.000041
General Service Less Than 50 kW	kWh	0.013700	Yes	-0.400% -	0.000055
General Service 50 to 4,999 kW	kW	3.392100	Yes	-0.400% -	0.013568
Unmetered Scattered Load	kWh	0.014000	Yes	-0.400% -	0.000056
Street Lighting	kW	3.754700	Yes	-0.400% -	0.015019



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Instructions

This worksheet applies the 2009 K-Factor adjustment from Sheet D1.1 to all unique classes.

No input required.

Rate Rebalancing Adjustment

K-factor Adjustment - Unique

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

-0.400%

Uniform Volumetric Charge Percent

-0.400% kWh
-0.400% kW

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Instructions

This worksheet derives the 2009 Federal Tax Rate Adjustment Factor.

No input required.

	2006		2008	2008 Adjustment	2009	2009 Adjustment
From 2006 PIL's Model						
2006 Regulatory Taxable Income (<i>K-Factor Cell H87</i>)	110,404	A	110,404		110,404	
2006 Corporate Income Tax Rate (<i>K-Factor Cell E79</i>)	18.62%	B	16.50%		16.00%	
Corporate PILs/Income Tax Provision for Test Year	20,557	C = A * B	18,217		17,665	
Income Tax (grossed-up)	25,261	D = C / (1 - B)	21,816	-3,444	21,029	-787 ← 2009 Amount to be adjusted
From 2006 EDR Model						
2006 EDR Base Revenue Requirement From Distribution Rates (<i>K-Factor Cell E105</i>)	582,127	E	582,127		582,127	
Grossed up taxes as a % of Revenue Requirement	4.300%	F = D / E	3.700%	-0.600%	3.600%	-0.100%
						↑ 2009 Federal Tax Rate Adjustment Factor



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Instructions

This worksheet applies the 2009 Federal Tax Rate Adjustment Factor to all general classes.

No input required.

Rate Rebalancing Adjustment

Federal Tax Adjustment General

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

-0.100%

Uniform Volumetric Charge Percent

-0.100% kWh

-0.100% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	11.720000	Yes	-0.100%	0.011720
General Service Less Than 50 kW	Customer - 12 per year	15.000000	Yes	-0.100%	0.015000
General Service 50 to 4,999 kW	Customer - 12 per year	239.640000	Yes	-0.100%	0.239640
Unmetered Scattered Load	Connection -12 per year	7.750000	Yes	-0.100%	0.007750
Street Lighting	Connection - 12 per year	0.830000	Yes	-0.100%	0.000830

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.010300	Yes	-0.100%	0.000010
General Service Less Than 50 kW	kWh	0.013700	Yes	-0.100%	0.000014
General Service 50 to 4,999 kW	kW	3.392100	Yes	-0.100%	0.003392
Unmetered Scattered Load	kWh	0.014000	Yes	-0.100%	0.000014
Street Lighting	kW	3.754700	Yes	-0.100%	0.003755



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Instructions

This worksheet applies the 2009 Federal Tax Rate Adjustment Factor to all unique classes.

No input required.

Rate Rebalancing Adjustment	Federal Tax Adjustment Unique		
Metric Applied To	All Customers		
Method of Application	Both Uniform%		
Uniform Service Charge Percent	-0.100%	Uniform Volumetric Charge Percent	-0.100% kWh -0.100% kW

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
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Instructions

This worksheet shows the adjustments to Base Rates prior to the application of the Price Cap Index for all general classes.

No input required.

Monthly Service Charge

Class	Metric	Base Rate	K-factor Adjustment -	Federal Tax Adjustment	Rate ReBal Base
			General	General	
Residential	Customer - 12 per year	11.720000	-0.046880	-0.011720	11.661400
General Service Less Than 50 kW	Customer - 12 per year	15.000000	-0.060000	-0.015000	14.925000
General Service 50 to 4,999 kW	Customer - 12 per year	239.640000	-0.958560	-0.239640	238.441800
Unmetered Scattered Load	Connection -12 per year	7.750000	-0.031000	-0.007750	7.711250
Street Lighting	Connection - 12 per year	0.830000	-0.003320	-0.000830	0.825850

Volumetric Distribution Charge

Class	Metric	Base Rate	K-factor Adjustment -	Federal Tax Adjustment	Rate ReBal Base
			General	General	
Residential	kWh	0.010300	-0.000041	-0.000010	0.010249
General Service Less Than 50 kW	kWh	0.013700	-0.000055	-0.000014	0.013631
General Service 50 to 4,999 kW	kW	3.392100	-0.013568	-0.003392	3.375140
Unmetered Scattered Load	kWh	0.014000	-0.000056	-0.000014	0.013930
Street Lighting	kW	3.754700	-0.015019	-0.003755	3.735926



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Instructions

This worksheet shows the adjustments to Base Rates prior to the application of the Price Cap Index for all unique classes.

No input required.

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>K-factor Adjustment - Unique</u>	<u>Federal Tax Adjustment Unique</u>	<u>Rate ReBal Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>K-factor Adjustment - Unique</u>	<u>Federal Tax Adjustment Unique</u>	<u>Rate ReBal Base</u>
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Instructions

This worksheet is a placeholder for the 2009 GDP-IPI amount that will be determine in the beginning of March 2009.

Board staff will make the necessary adjustment to cell C22.

No input required.

Price Escalator (GDP-IPI)	Average annual expected Productivity Gain (X)	(GDP-IPI) - X
2.1%	1.0%	1.1%



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Instructions

This worksheet applies the Price Cap Adjustment from Sheet F1.1 to all general classes.

No input required.

Price Cap Adjustment	Price Cap Adjustment - General	
Metric Applied To	All Customers	
Method of Application	Both Uniform%	
Uniform Service Charge Percent	1.100%	Uniform Volumetric Charge Percent 1.100% kWh 1.100% kW

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
Residential	Customer - 12 per year	11.661400	Yes	1.100%	0.128275
General Service Less Than 50 kW	Customer - 12 per year	14.925000	Yes	1.100%	0.164175
General Service 50 to 4,999 kW	Customer - 12 per year	238.441800	Yes	1.100%	2.622860
Unmetered Scattered Load	Connection -12 per year	7.711250	Yes	1.100%	0.084824
Street Lighting	Connection - 12 per year	0.825850	Yes	1.100%	0.009084

Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
Residential	kWh	0.010249	Yes	1.100%	0.000113
General Service Less Than 50 kW	kWh	0.013631	Yes	1.100%	0.000150
General Service 50 to 4,999 kW	kW	3.375140	Yes	1.100%	0.037127
Unmetered Scattered Load	kWh	0.013930	Yes	1.100%	0.000153
Street Lighting	kW	3.735926	Yes	1.100%	0.041095



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Instructions

This worksheet applies the Price Cap Adjustment from Sheet F1.1 to all unique classes.

No input required.

Price Cap Adjustment	Price Cap Adjustment - Unique	
Metric Applied To	All Customers	
Method of Application	Both Uniform%	
Uniform Service Charge Percent	1.100%	Uniform Volumetric Charge Percent 1.100% kWh 1.100% kW

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Instructions

This worksheet shows the adjustments made to Base Rates after the application of the Price Cap Adjustment to all general classes.

No input required.

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment -</u>	<u>After Price Cape Base</u>
			<u>General</u>	
Residential	<u>Customer - 12 per year</u>	<u>11.661400</u>	<u>0.128275</u>	<u>11.789675</u>
General Service Less Than 50 kW	<u>Customer - 12 per year</u>	<u>14.925000</u>	<u>0.164175</u>	<u>15.089175</u>
General Service 50 to 4,999 kW	<u>Customer - 12 per year</u>	<u>238.441800</u>	<u>2.622860</u>	<u>241.064660</u>
Unmetered Scattered Load	<u>Connection -12 per year</u>	<u>7.711250</u>	<u>0.084824</u>	<u>7.796074</u>
Street Lighting	<u>Connection - 12 per year</u>	<u>0.825850</u>	<u>0.009084</u>	<u>0.834934</u>

Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment -</u>	<u>After Price Cape Base</u>
			<u>General</u>	
Residential	kWh	0.010249	0.000113	0.010362
General Service Less Than 50 kW	kWh	0.013631	0.000150	0.013781
General Service 50 to 4,999 kW	kW	3.375140	0.037127	3.412267
Unmetered Scattered Load	kWh	0.013930	0.000153	0.014083
Street Lighting	kW	3.735926	0.041095	3.777021



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Instructions

This worksheet shows the adjustments made to Base Rates after the application of the Price Cap Adjustment to all unique classes.

No input required.

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - Unique</u>	<u>After Price Cape Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - Unique</u>	<u>After Price Cape Base</u>
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Instructions

Enter your Smart Meter Rate Adder in cell D28.

Rate Adder	Smart Meters Rate Adder
Applied for Status	Continuing
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	1.000000

<u>Rate Class</u>	<u>Applied to Class</u>	<u>Fixed Amount</u>	<u>Fixed Metric</u>	<u>Vol Amount</u>	<u>Vol Metric</u>
Residential	Yes	1.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	1.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	1.000000	Customer - 12 per year	0.000000	kW

Rate Rider Smart Meter Cost Recovery

Sunset Date
 DD/MM/YYYY

Metric Applied To Metered Customers

Method of Application Uniform Service Charge

Uniform Service Charge Amount 0.000000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.000000	kW

Rate Rider	Regulatory Asset Recovery
Sunset Date	
	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW

Rate Rider	LV Wheeling
Sunset Date	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



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Instructions

This worksheet shows the derivation of the Final distribution rates for all general classes.

No input required.

Monthly Service Charge

Class	Metric	Base Rate	Smart Meters Rate Adder	Final Base
Residential	Customer - 12 per year	11.789675	1.000000	12.789675
General Service Less Than 50 kW	Customer - 12 per year	15.089175	1.000000	16.089175
General Service 50 to 4,999 kW	Customer - 12 per year	241.064660	1.000000	242.064660
Unmetered Scattered Load	Connection - 12 per year	7.796074	0.000000	7.796074
Street Lighting	Connection - 12 per year	0.834934	0.000000	0.834934

Volumetric Distribution Charge

Class	Metric	Base Rate	Smart Meters Rate Adder	Final Base
Residential	kWh	0.010362	0.000000	0.010362
General Service Less Than 50 kW	kWh	0.013781	0.000000	0.013781
General Service 50 to 4,999 kW	kW	3.412267	0.000000	3.412267
Unmetered Scattered Load	kWh	0.014083	0.000000	0.014083
Street Lighting	kW	3.777021	0.000000	3.777021



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Instructions

This worksheet shows the derivation of the Final distribution rates for all unique classes.

No input required.

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Final Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Final Base</u>
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Purpose of this Worksheet :
Uniform Transmission rates have changed. This worksheet is a placeholder only at this time.

Method of Application **Uniform Percentage**

Uniform Percentage **11.000%**

Rate Class **Applied to Class**
Residential Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004700	11.000%	0.000517	0.005217

Rate Class **Applied to Class**
General Service Less Than 50 kW Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004300	11.000%	0.000473	0.004773

Rate Class **Applied to Class**
General Service 50 to 4,999 kW Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.739900	11.000%	0.191389	1.931289

Rate Class **Applied to Class**
Unmetered Scattered Load Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004300	11.000%	0.000473	0.004773

Rate Class **Applied to Class**
Street Lighting Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.312200	11.000%	0.144342	1.456542



Ontario Energy Board

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Method of Application

Uniform Percentage

Uniform Percentage

0.000%

Mechanism



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Purpose of this Worksheet :
Uniform Transmission rates have changed. This worksheet is a placeholder only at this time.

Method of Application	Uniform Percentage
Uniform Percentage	5.000%

<u>Rate Class</u>	<u>Applied to Class</u>
Residential	Yes

<u>Rate Description</u>	<u>Vol Metric</u>	<u>Current Amount</u>	<u>% Adjustment</u>	<u>\$ Adjustment</u>	<u>Final Amount</u>
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004800	5.000%	0.000240	0.005040

Rate Class	Applied to Class
General Service Less Than 50 kW	Yes

<u>Rate Description</u>	<u>Vol Metric</u>	<u>Current Amount</u>	<u>% Adjustment</u>	<u>\$ Adjustment</u>	<u>Final Amount</u>
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004300	5.000%	0.000215	0.004515

Rate Class	Applied to Class
General Service 50 to 4,999 kW	Yes

<u>Rate Description</u>	<u>Vol Metric</u>	<u>Current Amount</u>	<u>% Adjustment</u>	<u>\$ Adjustment</u>	<u>Final Amount</u>
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.698800	5.000%	0.084940	1.783740

Rate Class	Applied to Class
Unmetered Scattered Load	Yes

<u>Rate Description</u>	<u>Vol Metric</u>	<u>Current Amount</u>	<u>% Adjustment</u>	<u>\$ Adjustment</u>	<u>Final Amount</u>
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004300	5.000%	0.000215	0.004515

Rate Class	Applied to Class
Street Lighting	Yes

<u>Rate Description</u>	<u>Vol Metric</u>	<u>Current Amount</u>	<u>% Adjustment</u>	<u>\$ Adjustment</u>	<u>Final Amount</u>
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.313300	5.000%	0.065665	1.378965



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Method of Application

Uniform Percentage

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Uniform Percentage

0.000%



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Instructions

This worksheet displays the final distribution rates and charges for all general classes.

No input required.

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	12.79
Distribution Volumetric Rate	\$/kWh	0.0104
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	\$	16.09
Distribution Volumetric Rate	\$/kWh	0.0138
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0048
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service 50 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	242.06
Distribution Volumetric Rate	\$/kW	3.4123
Retail Transmission Rate – Network Service Rate	\$/kW	1.9313
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7837
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Unmetered Scattered Load

Rate Description	Metric	Rate
Service Charge	\$	7.80
Distribution Volumetric Rate	\$/kWh	0.0141
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0048
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Street Lighting

Rate Description	Metric	Rate
Service Charge	\$	0.83
Distribution Volumetric Rate	\$/kW	3.7770
Retail Transmission Rate – Network Service Rate	\$/kW	1.4565
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3790
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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Instructions

This worksheet displays the final distribution rates and charges for all unique classes.

No input required.



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Instructions

Please enter the Total Loss Factors found on your current (Board-Approved) tariff schedule.

Note: Loss Factors must be entered in order for bill impacts to be calculated.

LOSS FACTORS

Current

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0628
Total Loss Factor - Secondary Metered Customer > 5,000 kW	0.0000
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0521
Total Loss Factor - Primary Metered Customer > 5,000 kW	0.0000



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This worksheet provides a summary of how the monthly service and volumetric charges are calculated for each general class

	Fixed (\$)	Volumetric (\$/kWh)
Residential		
Current Rates	11.99	0.0103
Less Rate Adders		
Smart Meters Rate Adder	0.27	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.05	0.0000
Federal Tax Adjustment General	-0.01	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.13	0.0001
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	12.79	0.0104
	0.00	0.0000

	Fixed (\$)	Volumetric (\$/kWh)
General Service Less Than 50 kW		
Current Rates	15.27	0.0137
Less Rate Adders		
Smart Meters Rate Adder	0.27	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.06	-0.0001
Federal Tax Adjustment General	-0.02	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.16	0.0002
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	16.09	0.0138
	0.00	0.0000

	Fixed (\$)	Volumetric (\$/kW)
General Service 50 to 4,999 kW		
Current Rates	239.91	3.3921
Less Rate Adders		
Smart Meters Rate Adder	0.27	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.96	-0.0136
Federal Tax Adjustment General	-0.24	-0.0034
Price Cap Adj		
Price Cap Adjustment - General	2.62	0.0371
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	242.06	3.4123
	0.00	0.0000

	Fixed (\$)	Volumetric (\$/kWh)
Unmetered Scattered Load		
Current Rates	7.75	0.0140
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.03	-0.0001
Federal Tax Adjustment General	-0.01	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.08	0.0002
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	7.80	0.0141
	0.00	0.0000

	Fixed (\$)	Volumetric (\$/kW)
Street Lighting		
Current Rates	0.83	3.7547
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	0.00	-0.0150
Federal Tax Adjustment General	0.00	-0.0038
Price Cap Adj		
Price Cap Adjustment - General	0.01	0.0411
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	0.83	3.7770
	0.00	0.0000



2nd Generation Incentive Regulation Mechanism

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This worksheet provides a summary of how the monthly service and volumetric charges are calculated for each unique class

Instructions

This worksheet calculates the bill impacts for all general rate classes.

Residential

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	11.99	12.79
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0103	0.0104
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0048	0.0050
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	1,000 kWh	- kW
RPP Tier One	600 kWh	Load Factor

Loss Factor 1.0628

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	600	0.0560	33.60	600	0.0560	33.60	0.00	0.0%	28.68%
Energy Second Tier (kWh)	463	0.0650	30.10	463	0.0650	30.10	0.00	0.0%	25.69%
Sub-Total: Energy			63.70			63.70	0.00	0.0%	54.37%
Service Charge	1	11.99	11.99	1	12.79	12.79	0.80	6.7%	10.92%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	1,000	0.0103	10.30	1,000	0.0104	10.40	0.10	1.0%	8.88%
Distribution Volumetric Rate Rider(s)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			22.29			23.19	0.90	4.0%	19.79%
Retail Transmission Rate – Network Service Rate	1,063	0.0047	5.00	1,063	0.0052	5.53	0.53	10.6%	4.72%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,063	0.0048	5.10	1,063	0.0050	5.32	0.22	4.3%	4.54%
Total: Retail Transmission			10.10			10.85	0.75	7.4%	9.26%
Sub-Total: Delivery (Distribution and Retail Transmission)			32.39			34.04	1.65	5.1%	29.05%
Wholesale Market Service Rate	1,063	0.0052	5.53	1,063	0.0052	5.53	0.00	0.0%	4.72%
Rural Rate Protection Charge	1,063	0.0010	1.06	1,063	0.0010	1.06	0.00	0.0%	0.90%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.21%
Sub-Total: Regulatory			6.84			6.84	0.00	0.0%	5.84%
Debt Retirement Charge (DRC)	1,000	0.00700	7.00	1,000	0.00700	7.00	0.00	0.0%	5.97%
Total Bill before Taxes			109.93			111.58	1.65	1.5%	95.24%
GST	109.93	5%	5.50	111.58	5%	5.58	0.08	1.5%	4.76%
			115.43			117.16	1.73	1.5%	100.00%

Rate Class Threshold Test

Residential	kWh	250	600	1,000	1,600	2,250
Loss Factor Adjusted kWh	kWh	266	638	1,063	1,701	2,392
	kW					
	Load Factor					
Energy	Applied For Bill	\$ 14.90	\$ 36.07	\$ 63.69	\$ 105.16	\$ 150.08
	Current Bill	\$ 14.90	\$ 36.07	\$ 63.69	\$ 105.16	\$ 150.08
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	38.7%	49.1%	54.4%	57.6%	59.2%
Distribution	Applied For Bill	\$ 15.39	\$ 19.03	\$ 23.19	\$ 29.43	\$ 36.19
	Current Bill	\$ 14.57	\$ 18.17	\$ 22.29	\$ 28.47	\$ 35.17
	\$ Impact	\$ 0.82	\$ 0.86	\$ 0.90	\$ 0.96	\$ 1.02
	% Impact	5.6%	4.7%	4.0%	3.4%	2.9%
	% of Total Bill	40.0%	25.9%	19.8%	16.1%	14.3%
Retail Transmission	Applied For Bill	\$ 2.71	\$ 6.51	\$ 10.84	\$ 17.35	\$ 24.40
	Current Bill	\$ 2.53	\$ 6.06	\$ 10.10	\$ 16.15	\$ 22.72
	\$ Impact	\$ 0.18	\$ 0.45	\$ 0.74	\$ 1.20	\$ 1.68
	% Impact	7.1%	7.4%	7.3%	7.4%	7.4%
	% of Total Bill	7.0%	8.9%	9.3%	9.5%	9.6%
Delivery (Distribution and Retail Transmission)	Applied For Bill	\$ 18.10	\$ 25.54	\$ 34.03	\$ 46.78	\$ 60.59
	Current Bill	\$ 17.10	\$ 24.23	\$ 32.39	\$ 44.62	\$ 57.89
	\$ Impact	\$ 1.00	\$ 1.31	\$ 1.64	\$ 2.16	\$ 2.70
	% Impact	5.8%	5.4%	5.1%	4.8%	4.7%
	% of Total Bill	47.0%	34.7%	29.1%	25.6%	23.9%
Regulatory	Applied For Bill	\$ 1.90	\$ 4.21	\$ 6.84	\$ 10.80	\$ 15.08
	Current Bill	\$ 1.90	\$ 4.21	\$ 6.84	\$ 10.80	\$ 15.08
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	4.9%	5.7%	5.8%	5.9%	5.9%
Debt Retirement Charge	Applied For Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
	Current Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	4.5%	5.7%	6.0%	6.1%	6.2%
GST	Applied For Bill	\$ 1.83	\$ 3.50	\$ 5.58	\$ 8.70	\$ 12.08
	Current Bill	\$ 1.78	\$ 3.44	\$ 5.50	\$ 8.59	\$ 11.94
	\$ Impact	\$ 0.05	\$ 0.06	\$ 0.08	\$ 0.11	\$ 0.14
	% Impact	2.8%	1.7%	1.5%	1.3%	1.2%
	% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%
Total Bill	Applied For Bill	\$ 38.48	\$ 73.52	\$ 117.14	\$ 182.64	\$ 253.58
	Current Bill	\$ 37.43	\$ 72.15	\$ 115.42	\$ 180.37	\$ 250.74
	\$ Impact	\$ 1.05	\$ 1.37	\$ 1.72	\$ 2.27	\$ 2.84
	% Impact	2.8%	1.9%	1.5%	1.3%	1.1%

Rounding Applied -0.020000
Rounding Current -0.010000



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Instructions
Enter the following allowances from your current Board-Approved Tariff Schedule

Allowances

Transformer Allowance for Ownership - per kW of billing demand/month
Primary Metering Allowance for transformer losses - applied to measured demand and energy

<u>Metric</u>	<u>Current</u>
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\$/kW	-0.60
%	-1.0



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Instructions

Enter the following charges from your current Board-Approved Tariff Schedule

Customer Administration	Metric	Current
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	25.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	15.00
Legal letter charge	\$	20.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	

Non-Payment of Account	Metric	Current
Late Payment - per month	%	1.5%
Late Payment - per annum	%	19.56%
Collection of account charge - no disconnection	\$	20.00
Collection of account charge - no disconnection - after regular hours	\$	50.00
Disconnect/Reconnect at meter - during regular hours	\$	25.00
Disconnect/Reconnect at meter - after regular hours	\$	50.00
Disconnect/Reconnect at pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole - after regular hours	\$	415.00
	\$	
	\$	

Other	Metric	Current
Install/Remove load control device - during regular hours	\$	25.00
Install/Remove load control device - after regular hours	\$	50.00
Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1000.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
	\$	
	\$	
	\$	
	\$	
	\$	



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Instructions

This worksheet displays your current Board-Approved Retail Service Charges.

Retail Service Charges (if applicable)

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

	<u>Metric</u>	<u>Current</u>
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust. -	0.30

Service Transaction Requests (STR)

Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50

Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party

Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00