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September 13, 2012

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

Attention: Ms. Kirsten Walli, Board Secretary

Dear Ms Walli:

Re: May 1, 2013 IRM Rate Filing / EB-2012-0172

Pursuant to Chapter 3 of the Filing Requirements for Transmission and Distribution Applications and 3rd generation incentive regulation mechanism (IRM3) policies and Instructions for Filing 2013 Rate Applications, Waterloo North Hydro Inc. hereby submits its May 1, 2013 Rate Adjustment application together with all relevant working papers. We enclose two (2) hard copies of the Manager's Summary and Attachments and a CD ROM containing an electronic format of the PDF and Excel documentation electronically submitted to the Board.

WNH has previously forwarded the PDF version and the 5 Excel Files containing Supporting Documentation and Models via the Board's web portal.

If there are any questions, please contact Chris Amos at 519-888-5541, camos@wnhydro.com or myself at 519-888-5542, asingh@wnhydro.com.

Yours truly,

Original Signed By

Albert P. Singh, MBA, CGA
Vice-President, Finance and CFO

Waterloo North Hydro Inc. Distribution Rate Adjustment Application

SUMMARY OF APPLICATION

EB-2012-0172 / ED-2002-0575

IN THE MATTER OF the Ontario Energy Board Act, 1998, S. O. 1998, c. 15, Schedule B of the Energy Competition Act, 1998:

AND IN THE MATTER OF an Application by Waterloo North Hydro Inc. for an order approving just and reasonable rates as set out in this Application in accordance with the Ontario Energy Board's Filing Guidelines for the Adjustments of the Electricity Distribution Rates for May 1, 2013 Distribution Rate Adjustments and PILs, issued for revised models and instructions on June 28, 2012 and July 24, 2012, and in accordance with June 28, 2012 Chapter 3 of the Filing Requirements for Transmission and Distribution Applications.

Article I.

1.0a Introduction

- 1.1 Waterloo North Hydro Inc. ("Waterloo North Hydro") submits this Application and supporting documentation for a rate adjustment, funding adder and rate riders pursuant to the Ontario Energy Board's Filing Guidelines for May 1, 2013 Distribution Rate Adjustments and PILs, issued for revised models and instructions on June 28, 2012 and July 24, 2012.
- 1.2 The utility continues to operate under the authority of a Board of Directors and has been incorporated as "Waterloo North Hydro Inc." under the Ontario *Business Corporations Act* since May 1, 2000. Waterloo North Hydro operates under Electricity Distribution Licence ED-2002-0575.

- 1.3 Waterloo North Hydro received Board Approval (Revised) on June 9, 2011 for revised rate adjustments, effective May 1, 2011 and implemented on June 1, 2011, to its unbundled distribution rates in accordance with the Board's June 28, 2010 Chapter 2 of the Filing Requirements for Transmission and Distribution Applications, its associated 2011 PILs, Fixed and Volumetric Rate Riders, Fixed Funding Adder and adjustment to its Retail Transmission Service Rates [EB-2010-0144 and EB-2011-0221].
- 1.4 Waterloo North Hydro received Board Approval (revised) on April 10, 2012 for rate adjustments, to be effective and implemented May 1, 2012, to its unbundled distribution rates in accordance with Chapter 3 of the Filing Requirements for Transmission and Distribution Applications and 3rd Generation Incentive Regulation Mechanism (IRM3) policies, its associated 2012 PILs, Fixed and Volumetric Rate Riders, Fixed Funding Adder and adjustment to its Retail Transmission Service Rates [EB-2011-0201].
- 1.5 In this filing, Waterloo North Hydro is seeking approval for rate adjustments, to be effective and implemented May 1, 2013, to its unbundled distribution rates in accordance with Chapter 3 of the Filing Requirements for Transmission and Distribution Applications and 3rd Generation Incentive Regulation Mechanism (IRM3) policies, its associated 2013 PILs, Fixed and Volumetric Rate Riders and adjustment to its Retail Transmission Service Rates as provided in the Board's revised models and instructions on June 28, 2012 and July 24, 2012.
- 1.6 Contact Information for the 2013 IRM Application:

Albert P. Singh, MBA, CGA
Vice-President Finance & CFO
519-888-5542
asingh@wnhydro.com

1.0b Company Size and Number of Customers

- 1.7 Waterloo North Hydro is a municipally owned electric distribution company. Waterloo North Hydro serves approximately 53,000 residential, commercial, and industrial customers in the City of Waterloo and the Townships of Wellesley and Woolwich.

1.0c Customer Profile

- 1.8 The Company currently uses seven customer classes for the purpose of distribution rates and billing: Residential, General Service < 50 kW, General Service > 50 kW, Large Use, Street Lighting, Unmetered Scattered Load and Embedded Distributor.
- 1.9 The General Service < 50 kW class consists of a wide range of customers including: office buildings, medium and small commercial and industrial establishments, farms, apartment and condominium buildings.
- 1.10 The General Service > 50 kW class is typically comprised of large commercial and industrial customers.
- 1.11 The Large Use class consists of one large use customer with an average load over five megawatts.
- 1.12 The Street Light class contributes less than 1% to the Company's current distribution revenue.
- 1.13 The Unmetered Scattered Load class contributes less than 1% to the Company's current distribution revenue.
- 1.14 The Embedded Distributor rate class contributes less than 1% to the Company's current distribution revenue

1.0d Previously Denied Amounts

1.15 Waterloo North Hydro has not previously been denied for any amounts that are included in the account balances in this application.

2.0 Information supporting the data filed in this Application:

Waterloo North Hydro has provided the following Attachments:

Attachment	Description
A	Rate Generator Model
B	Tax Sharing Model
C	RTSR Model
D	Current May 1, 2012 Tariff Sheet
E	Rate Impacts by Rate Class
F	Revenue Requirement Work Form

2.1 2013 Rate Generator and Supplementary Work Forms

Waterloo North Hydro has included in its application a completed 2013 Rate Generator Model as Attachment A, Tax Sharing Model as Attachment B and an RTSR Model as Attachment C. All Models have been provided in both in electronic (Excel) and PDF form. Waterloo North Hydro has also included its Revenue Requirement Work Form from its 2011 Cost of Service (EB-2010-0144) as Attachment F.

Waterloo North Hydro has included its most recent load forecast from its May 1, 2011 Cost of Service Filing, EB-2010-0144 in the derivation of its volumetric rate riders. Waterloo North Hydro has selected this load forecast as the most representative for this filing as the forecast is weather normalized. This is consistent with the treatment Waterloo North Hydro adopted, and the Board approved, in its 2012 IRM Rate Application (EB-2011-0201).

The table below reflects the 2011 approved load forecast. Waterloo North Hydro has also provided its 2011 Distribution Revenue below from its May 1, 2011 Cost of Service Filing.

Table 2.1a - May 1, 2011 Approved Load Forecast

Rate Class	Unit	Billed kWh No Losses	Loss Factor	Billed kWh With Losses	Billed kW	Distribution Revenue ¹
Residential	\$/kWh	393,848,054	1.0404	409,759,515	-	15,308,033
GS < 50 kW	\$/kWh	179,687,810	1.0404	186,947,198	-	4,381,714
GS > 50 kW	\$/kW	705,732,689	1.0404	734,244,290	1,581,207	7,515,601
Large Use	\$/kW	79,638,262	1.0050	80,036,454	153,852	572,427
Unmetered Scattered Load	\$/kWh	1,648,666	1.0404	1,715,272	-	131,778
Street Lighting	\$/kW	7,792,006	1.0404	8,106,803	21,835	234,246
Embedded Distributor	\$/kW	28,618,000	1.0404	29,774,167	71,600	857
Total		1,396,965,487		1,450,583,698	1,828,494	28,144,657

¹ Agrees to Base Revenue Requirement in EB-2010-0144

Waterloo North Hydro has included in its calculation of Account 1588 Global Adjustment Sub-Account the 2011 Billed kWh for Non-RPP Customers as detailed in the table below. Waterloo North Hydro notes that the Large User rate class does not have any kWh for Non-RPP Customers in 2011. The Large Use customer is a Class A customer and no Global Adjustment variance has been recorded on this customer, thus, no kWh have been reflected.

Table 2.1b - 2011 Billed kWh and Estimated kW for Non-RPP Customers

Rate Class	2011 Billed kWh for Non- RPP Customers	2011 Estimated kW for Non- RPP Customers ²
Residential	38,803,357	
General Service Less Than 50 kW	30,472,280	
General Service 50 to 4,999 kW	681,135,819	1,526,097
Large Use	-	
Unmetered Scattered Load	435,917	
Street Lighting	7,680,748	21,524
Embedded Distributor	31,844,094	79,671
Total	790,372,214	1,627,292

² As calculated by the Rate Generator Model

2.2 Current Tariff Sheet

Waterloo North Hydro has included in its application a PDF Copy of the Current May 1, 2012 Tariff Sheet as Attachment D.

Waterloo North Hydro notes that it is awaiting the Board's Decision in its Smart Meter Disposition Application (EB-2012-0266) for implementation effective November 1, 2012. Waterloo North Hydro filed its Reply Submission on August 15, 2012.

The Smart Meter Funding Adder (SMFA) of \$1.00 per metered customer per month expires on October 31, 2012. The implementation of the Smart Meter Rate Riders for Smart Meter Disposition (SMDR) and Incremental Revenue Requirement (SMIRR) is scheduled to be implemented on November 1, 2012. In order to not reflect any rate impacts from these changes in this Application from Waterloo North Hydro has:

- Removed the SMFA charge of \$1.00 per month from Sheet 4, Current Tariff Sheet from each applicable metered rate class
- Inserted the Proposed SMDR and SMIRR Rate Riders as detailed in Table 2.2a below in Sheet 4, Current Tariff Sheet
- This has resulted in a 0% rate impact on Sheet 14 of the Rate Generator Model with regards to the Disposition of Smart Meters.

Waterloo North Hydro determined that this was the most efficient manner in order to achieve this. Waterloo North Hydro submits that it is essential that rate impacts from approval of its Smart Meter Disposition not be reflected in this application.

Waterloo North Hydro notes that Board Staff and the Vulnerable Energy Consumer Coalition (VECC) Submissions of August 2, 2012 and August 7, 2012 respectively did not propose to alter the rate riders submitted by Waterloo North Hydro in its Interrogatory Responses (IRR). The rate riders proposed by Waterloo North Hydro in its IRR to Board Staff IR#7 are presented in the table below. Waterloo North Hydro would adjust the rate riders if there is a change upon Board approval.

Table 2.2a - Proposed Smart Meter Rate Riders in Waterloo North Hydro IRR (EB-2012-0266)

Rate Rider	Residential	GS < 50 kW
Smart Meter Disposition Rider	\$ (0.30)	\$ 7.06
Smart Meter Incremental Revenue Requirement Rate Rider	\$ 2.11	\$ 5.51

Per metered customer per month

2.3 Publication of Notice

Waterloo North Hydro will publish its notice in The Record, a paid publication with a readership of 239,000 and circulation of 380,000.

Waterloo North Hydro expects its customers may require further information about rate impacts as a result of this application. It will undertake to inform and explain the rate changes and the reasons for them to customers.

2.4 Price Cap Index Adjustment

Waterloo North Hydro has used the model proxy values of 2.0% as the Price Escalator (GDP-IPI), a 0.72% Productivity Factor and a Group II 0.4% Stretch Factor Value, for a Price Cap Index of 0.88%, as prescribed in Sheet 9 of the 2013 Rate Generator Model. Waterloo North Hydro understands that the Board staff will adjust the GDP-IPI in its 2013 IRM rate application model, when Statistics Canada publishes its final 2012 data in late February, 2013. In addition, once the distributor specific stretch factors become available, the Board will adjust the stretch factor in Waterloo North Hydro's 2013 rate application model.

2.5 Tax Sharing

Waterloo North Hydro has included in its application a Tax Sharing Model in Attachment B. In accordance with IRM3, a 50/50 sharing of the impact of currently known legislated tax changes as applied to the tax level reflected in the Board-approved base rates has been calculated. The calculated annual tax change has been allocated to customer rate classes on the basis of the most recent Board-approved base-year distribution revenue. Waterloo North Hydro has proposed a volumetric Rate Rider for Tax Savings effective for the twelve month period May 1, 2013 to April 30, 2014. The table below, which has been derived from calculations in the Tax Sharing Model, provides the details of the proposed volumetric rate riders. The proposed rate riders have been included on Sheet 11 of the Rate Generator Model.

Table 2.5a – Proposed Tax Sharing Rate Riders

Rate Class	Unit	Tax Savings Volumetric Rate Rate Rider
Residential	\$/kWh	\$ -
General Service Less Than 50 kW	\$/kWh	\$ -
General Service 50 to 999 kW	\$/kW	\$ (0.0045)
Large Use > 5000 kW	\$/kW	\$ (0.0033)
Street Lighting	\$/kW	\$ (0.0094)
Unmetered Scattered Load	\$/kWh	\$ (0.0001)
Embedded Distributor	\$/kW	\$ -

2.6 Deferral and Variance Account Balances

Waterloo North Hydro has exceeded the disposition threshold of \$.001/kWh of its Group 1 Account Deferral and Variance Account Balances as reflected in Sheet 6 of its 2013 Rate Generator Model. Waterloo North Hydro has included its detailed information and calculations in Sheets 5 through 8 of its 2013 Rate Generator Model and included its proposed rate riders in Sheet 11 of its 2013 Rate Generator Model (Attachment A).

The Group 1 Account Balances include the Low Voltage Variance Account; the RSVA Accounts – Wholesale Market Service Charge, Retail Transmission Network Charge, Retail Transmission Connection Charge, Power and Global Adjustment Balances. The Low Voltage Variance and the RSVA accounts capture the variances from January 1, 2011 through December 31, 2011.

Waterloo North Hydro is proposing a two year disposition period in the repayment of its Group 1 Deferral and Variance Account Balances. Waterloo North Hydro has chosen this disposition period to protect its customers from rate shock that would occur if the entire balance was disposed of during one rate year. If disposition occurred over a one year period, in the following year, when the rate rider is removed, customers would experience a rate increase. Waterloo North Hydro submits is not in the best interest of rate stability for our customers to have a rate decrease followed by a significant rate increase.

In Waterloo North Hydro's 2012 IRM Application (EB-2011-0201), Reply Submission submitted on February 2, 2012, page 2, it stated: "As demonstrated below, if all the rate riders, including the 2012 rate riders were to cease April 30, 2014 (2 year disposition) the **monthly rate impact** ranges **from 3.8% to 5.1%** **solely** from the cessation of rate riders. WNH finds this extremely troubling that the cessation of rate riders can cause such a large rate increase."

In Waterloo North Hydro's 2012 IRM Decision the Board approved a two year disposition period for the 2012 Rate Riders, with the result that large rate increases as described above will occur. Waterloo North Hydro's 2010, 2011 and 2012 Rate Riders will all expire in 2014. Waterloo North Hydro has reproduced the applicable portion of the table described in the paragraph above, in Table 2.6a below.

**Table 2.6a – Rate Impact of 2010, 2011 and 2012 Rate Riders
Cessation in 2014**

Rate Class	Monthly Consumption		Total Bill Estimate Prior to 2014	Total Bill Estimate with 2012 Rate Riders Ceasing in 2014	\$ Increase due to Cessation of All Rate Riders in 2014	% Increase due to Cessation of All Rate Riders in 2014
	kWh	kW				
Residential	800		\$ 105.89	\$ 110.39	\$ 4.49	4.2%
GS < 50 kW	2,000		\$ 255.32	\$ 265.10	\$ 9.78	3.8%
GS > 50 kW	100,000	250	\$ 10,295.77	\$ 10,763.28	\$ 467.51	4.5%
Large User	7,000,000	12,300	\$ 652,881.47	\$ 680,177.33	\$ 27,295.86	4.2%
USL	250		\$ 43.83	\$ 45.61	\$ 1.78	4.1%
Street Light	50	0.14	\$ 6.21	\$ 6.47	\$ 0.26	4.2%
Embedded Distributor	2,375,000	6,000	\$ 188,259.31	\$ 197,826.26	\$ 9,566.95	5.1%

Waterloo North Hydro would submit that a one year disposition period for its 2013 rate riders, to expire in 2014, is **not** in the best interest of its customers. The rate impacts would be higher increases to the customer bill than those reflected in Table 2.6a above. A decrease followed by a large increase does not provide rate stability for the customer which is one of the objectives of good rate setting principles.

In 2010 the Board approved a four year disposition period for Waterloo North Hydro's Group 1 Account Deferral and Variance Account Balances. In 2011 the Board approved Waterloo North Hydro's Settlement Agreement in which the Deferral and Variance Account Balances were disposed of over a three year period. A three year disposition period was settled upon since a four year disposition period resulted in a \$0.0000 charge for some rate classes. In 2012 the Board approved a two year disposition period for Waterloo North Hydro's Group 1 Account Deferral and Variance Account Balances.

Waterloo North Hydro has provided a summary of the Deferral and Variance accounts proposed for disposition in Table 2.6b below. Waterloo North Hydro notes that in Sheet 5 Column BX of the 2013 Rate Generator Model it has recorded the Projected Interest for January to April 2012 on Waterloo North Hydro's 2010 balances that was approved by the Board in its 2012 IRM Application (EB-2011-0201).

In Column CG of Sheet 5, 2013 Continuity Schedule of Deferral and Variance Balances of the 2013 Rate Generator Model, the 2.1.7 RRR Data as of December 31, 2011 has been shown. In Column CH of the same sheet the Variance between the 2.1.7 RRR data and the 2011 Balance (Principal and Interest) is calculated. Waterloo North Hydro has provided Table 2.6c reconciling any differences.

Waterloo North Hydro has detailed in Tables 2.6d and 2.6e below the Cost Allocation and Calculation of the Rate Riders for the Deferral and Variance Accounts. Waterloo North Hydro notes that the Rate Rider for Global Adjustment Sub-Account is applicable only for Non-RPP Customers.

Waterloo North Hydro has detailed in Table 2.36f below the calculation of the Projected Interest on the December 31, 2011 balances.

Table 2.6b – Summary of Deferral and Variance Accounts

Account Descriptions	USoA	Closing Principal Balances as of Dec 31-11	Closing Interest Balances as of Dec 31-11	Projected Interest from Jan 1-12 to Dec 31-12	Projected Interest from Jan 1-12 to Apr 30 -13	Total Claim
LV Variance Account	1550	63,518	562	934	311	65,325
RSVA - Wholesale Market Service Charge	1580	(1,503,309)	(11,555)	(22,099)	(7,366)	(1,544,329)
RSVA - Retail Transmission Network Charge	1584	132,696	3,258	1,951	650	138,555
RSVA - Retail Transmission Connection Charge	1586	(93,196)	146	(1,370)	(457)	(94,877)
RSVA - Power (excluding Global Adjustment)	1588	(774,436)	(6,040)	(11,384)	(3,795)	(795,655)
RSVA - Power - Sub-account - Global Adjustment	1588	349,923	3,584	5,144	1,715	360,366
Recovery of Regulatory Asset Balances	1590	-	-	-	-	-
Disposition and Recovery/Refund of Regulatory Balances (2008)	1595	-	-	-	-	-
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	-	-	-	-	-
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	-	-	-	-	-
Group 1 Sub-Total (including Account 1588 - Global Adjustment)		(1,824,804)	(10,045)	(26,825)	(8,942)	(1,870,615)
Group 1 Sub-Total (excluding Account 1588 - Global Adjustment)		(2,174,727)	(13,629)	(31,968)	(10,656)	(2,230,981)
RSVA - Power - Sub-account - Global Adjustment	1588	349,923	3,584	5,144	1,715	360,366
Deferred Payments in Lieu of Taxes	1562	-	-			
Special Purpose Charge Assessment Variance Account ⁴	1521	-	-			
LRAM Variance Account	1568	-	-			
Total including Accounts 1562, 1521 and 1568		(1,824,804)	(10,045)	(26,825)	(8,942)	(1,870,615)

Table 2.6c – Reconciliation between 2.1.7 Data at December 31, 2011 and Continuity Model

USoA	Account Description	2011 Balance			Difference Column CH Sheet 5 Rate Gen	Explanation
		2013 Deferral Model	2.1.7	Difference		
1521	Special Purpose Charge Assessment Variance Account	(20,464)	(20,356)	108	108	Adjustment of Accrued Principal & Interest \$108
1562	Deferred Payments in Lieu of Taxes	(1,768,275)	(1,760,202)	8,073	8,073	2012 Jan-Apr Projected Interest on 2010 Balances approved in 2012 IRM*
1550	LV Variance Account	139,061	138,726	(335)	(335)	2012 Jan-Apr Projected Interest on 2010 Balances approved in 2012 IRM* and (\$51) Adjustment of Interest
1580	RSVA - Wholesale Market Service Charge	(3,167,737)	(3,159,682)	8,055	8,055	2012 Jan-Apr Projected Interest on 2010 Balances approved in 2012 IRM* and (\$111) Adjustment of Interest
1584	RSVA - Retail Transmission Network Charge	734,390	731,461	(2,929)	(2,929)	2012 Jan-Apr Projected Interest on 2010 Balances approved in 2012 IRM* and \$53 Adjustment of Interest
1586	RSVA - Retail Transmission Connection Charge	(66,169)	(66,314)	(145)	(145)	2012 Jan-Apr Projected Interest on 2010 Balances approved in 2012 IRM* and \$16 Adjustment of Interest
1588	RSVA - Power (excluding Global Adjustment)	(2,576,765)	(2,568,102)	8,663	8,663	2012 Jan-Apr Projected Interest on 2010 Balances approved in 2012 IRM* and (\$30) Adjustment of Interest
1588	RSVA - Power - Sub-Account - Global Adjustment	105,678	107,775	2,097	2,097	2012 Jan-Apr Projected Interest on 2010 Balances approved in 2012 IRM* and (\$906) Adjustment of Interest

* Amount reflected in Column BX of Sheet 5 of Rate Generator

Table 2.6d – Cost Allocation Deferral & Variance Balances, including SPC and PILs 1562

Allocation of Group 1 Accounts (Excluding Account 1588 - Global Adjustment)									
Rate Class	Unit	Metered kWh	% of Total kWh	1550	1580	1584	1586	1588*	Total
Residential	\$/kWh	393,848,054	28.2%	18,417	(435,394)	39,063	(26,749)	(224,320)	(628,983)
General Service Less Than 50 kW	\$/kWh	179,687,810	12.9%	8,403	(198,643)	17,822	(12,204)	(102,343)	(286,965)
General Service 50 to 4,999 kW	\$/kW	705,732,689	50.5%	33,001	(780,179)	69,997	(47,931)	(401,957)	(1,127,069)
Large Use	\$/kW	79,638,262	5.7%	3,724	(88,039)	7,899	(5,409)	(45,359)	(127,184)
Unmetered Scattered Load	\$/kWh	1,648,666	0.1%	77	(1,823)	164	(112)	(939)	(2,633)
Street Lighting	\$/kW	7,792,006	0.6%	364	(8,614)	773	(529)	(4,438)	(12,444)
Embedded Distributor	\$/kW	28,618,000	2.0%	1,338	(31,637)	2,838	(1,944)	(16,300)	(45,703)
Total		1,396,965,487	100.0%	65,325	(1,544,329)	138,555	(94,877)	(795,655)	(2,230,981)

* RSVA - Power (Excluding Global Adjustment)

1588 RSVA - Power (Global Adjustment Sub Account)				
Rate Class	Unit	Billed kWh for Non-RPP Customers	% of Total Non-RPP kWh	1588 GA
Residential	\$/kWh	38,803,357	4.9%	17,692
General Service Less Than 50 kW	\$/kWh	30,472,280	3.9%	13,894
General Service 50 to 4,999 kW	\$/kW	681,135,819	86.2%	310,560
Large Use	\$/kW	-	0.0%	-
Unmetered Scattered Load	\$/kWh	435,917	0.1%	199
Street Lighting	\$/kW	7,680,748	1.0%	3,502
Embedded Distributor	\$/kW	31,844,094	4.0%	14,519
Total		790,372,214	100.0%	360,366

Table 2.6e – Calculation of Deferral & Variance Rate RidersPlease indicate the Rate Rider Recovery Period (in years) **2**

Rate Class	Unit	Billed kWh	Billed kW or kVA	Balance of Accounts Allocated by kWh/kW (RPP) or Distribution Revenue	Deferral/Variance Account Rate Rider	Allocation of Balance in Account 1588 Global Adjustment Sub-Account	Billed kWh or Estimated kW for Non-RPP Customers	Global Adjustment Rate Rider
Residential	\$/kWh	393,848,054		(628,983)	(0.0008)	17,692	38,803,357	0.0002
General Service Less Than 50 kW	\$/kWh	179,687,810		(286,965)	(0.0008)	13,894	30,472,280	0.0002
General Service 50 to 4,999 kW	\$/kW	705,732,689	1,581,207	(1,127,069)	(0.3564)	310,560	1,526,097	0.1017
Large Use	\$/kW	79,638,262	153,852	(127,184)	(0.4133)	-	-	-
Unmetered Scattered Load	\$/kWh	1,648,666		(2,633)	(0.0008)	199	435,917	0.0002
Street Lighting	\$/kW	7,792,006	21,835	(12,444)	(0.2850)	3,502	21,524	0.0814
Embedded Distributor	\$/kW	28,618,000	71,600	(45,703)	(0.3192)	14,519	79,671	0.0911
Total		1,396,965,487	1,828,494	(2,230,981)	■ ■	360,366	71,338,846	■ ■

Table 2.6f - Calculation of Projected Interest on December 31, 2011 Balances

Account Description	USoA #	Principal Balance at December 2011	Interest Rate	Projected Interest from Jan 1, 2012 to December 31, 2012 on Dec 31 -11 balance adjusted for disposition during 2012	Projected Interest from January 1, 2013 to April 30, 2013 on Dec 31 -11 balance adjusted for disposition during 2012
LV Variance Account	1550	\$ 63,518	1.47%	\$ 934	\$ 311
RSVA - Wholesale Market Service Charge	1580	\$ (1,503,309)	1.47%	\$ (22,099)	\$ (7,366)
RSVA - Retail Transmission Network Charge	1584	\$ 132,696	1.47%	\$ 1,951	\$ 650
RSVA - Retail Transmission Connection Charge	1586	\$ (93,196)	1.47%	\$ (1,370)	\$ (457)
RSVA - Power (excluding Global Adjustment)	1588	\$ (774,436)	1.47%	\$ (11,384)	\$ (3,795)
RSVA - Power - Sub-account - Global Adjustment	1588	\$ 349,923	1.47%	\$ 5,144	\$ 1,715
Total		\$ (1,824,804)		\$ (26,825)	\$ (8,942)

2.7 Adjustment of General Service >50 kW Monthly Customer and Variable Charges

In Waterloo North Hydro's May 1, 2011 Settlement Agreement Section 8.2, approved by the Board in its 2011 Cost of Service Filing EB-2010-0144, it was agreed upon that the General Service >50 kW rate class would have adjustments to reduce the monthly fixed customer charge and the variable charge. Illustrative examples accompany this section; Waterloo North Hydro has reproduced Section 8.2 and the illustrative examples at the end of this section (*italicized*).

Waterloo North Hydro has provided in Table 2.9a below, the May 1, 2013 proposed charges which follow the methodology established in Section 8.2 of the Settlement Agreement. Waterloo North Hydro notes that the charges would need to be updated upon release of the updated GDP-IPI, when Statistics Canada publishes its final 2012 data in late February, 2013 and once the distributor specific stretch factors become available. The Proxy Price Cap Index of .88%, as provided in Sheet 9 of the 2013 Rate Generator Model, has been used in Table 2.9a.

Waterloo North Hydro has also provided the Rate Design backup which details the change in the General Service >50 kW customer and variable charges in Table 2.9b below. These tables demonstrate that the Total Revenue, approved in its May 1, 2011 Cost of Service Filing, does not alter as a result of the adjustment of the General Service >50kW customer and variable charges.

Waterloo North Hydro has made these adjustments on Sheet 9 of the 2013 Rate Generator Model.

Table 2.9a – Proposed General Service >50 kW Monthly Customer and Variable Charge

GS>50 kW Monthly Customer Charge			
Details	2011	2012	2013
May 1, 2010 Rate	\$187.01	\$187.01	\$187.01
Ceiling per O2 Cost Allocation per DRO	114.43		
Difference	72.58		
Decrease 1/3	24.19		
Resulting Customer Charge	\$162.82		
Ceiling per O2 Cost Allocation		114.43	
GDP-IPI -X IRM Increase		1.08%	
Adjusted Ceiling		115.67	
Difference		71.34	
Decrease 2/3		47.56	
Resulting Customer Charge May 1, 2012		\$139.45	
Ceiling per O2 Cost Allocation			115.67
GDP-IPI -X IRM Increase			0.88%
Adjusted Ceiling			116.68
Difference			70.33
Decrease 3/3			70.33
Resulting Customer Charge May 1, 2013			\$116.68

GS>50 kW Monthly Variable Charge			
Details	2011	2012	2013
May 1, 2011 Rate per Rate Order	\$4.3073		
Re-calculate Variable Charge for new 2012 Customer Charge		4.4255	
2012 GDP-IPI -X IRM Increase		1.08%	
Resulting Variable Charge May 1, 2012		\$4.4733	
Re-calculate Variable Charge for new 2013 Customer Charge			4.5407
2012 GDP-IPI -X IRM Increase			1.08%
2013 GDP-IPI -X IRM Increase			0.88%
Resulting Variable Charge May 1, 2013			\$4.6301

Table 2.9b – Rate Design Backup Details for the Proposed Change in the General Service >50 kW Monthly Customer and Variable Charge

Distribution Rate Allocation Between Fixed & Variable Rates for 2011 Test Year - With Adjustments for 2013 GS > 50										
Customer Class	Total Net Rev. Requirement	Rev Requirement %	Proposed Fixed Rate	Resulting Variable Rate	Total Fixed Revenue	Total Variable Revenue	Transformer Allowance	Gross Distribution Revenue	LV & Wheeling Charges	Total
Residential	15,308,033	54.39%	14.56	\$0.0184	\$ 8,078,703	\$ 7,229,330	\$ 478	15,308,512	48,555	15,357,067
GS < 50 kW	4,381,714	15.57%	30.63	\$0.0137	\$ 1,994,949	\$ 2,386,764	\$ 74,612	4,456,326	19,937	4,476,263
GS >50	7,515,601	26.70%	116.68	\$4.5407	\$ 933,407	\$ 6,582,194	\$ 597,538	8,113,140	87,079	8,200,218
Large Use	572,427	2.03%	6,686.47	\$3.1991	\$ 80,238	\$ 492,189	\$ -	572,427	8,501	580,928
Sentinel Lights	0	0.00%	0.00	\$0.0000	\$ -	\$ -				
Street Lighting	234,246	0.83%	0.33	\$8.3232	\$ 52,506	\$ 181,740		234,246	744	234,990
USL	131,778	0.47%	15.31	\$0.0190	\$ 100,499	\$ 31,280		131,778	183	131,961
Embedded Distributor	857	0.00%	0.00	\$0.0120	\$ -	\$ 857		857	0	857
TOTAL	28,144,657	100.00%			\$11,240,303	\$16,904,354	\$ 672,628	\$28,817,286	\$165,000	\$28,982,286

Forecast Fixed/Variable Ratios 39.005% 58.660% 2.334% 100.000%

Distribution Rate Allocation Between Fixed & Variable Rates for 2011 Test Year - Approved in 2011 COS										
Customer Class	Total Net Rev. Requirement	Rev Requirement %	Proposed Fixed Rate	Resulting Variable Rate	Total Fixed Revenue	Total Variable Revenue	Transformer Allowance	Gross Distribution Revenue	LV & Wheeling Charges	Total
Residential	15,308,033	54.39%	14.56	\$0.0184	\$ 8,078,703	\$ 7,229,330	\$ 478	15,308,512	48,555	15,357,067
GS < 50 kW	4,381,714	15.57%	30.63	\$0.0137	\$ 1,994,949	\$ 2,386,764	\$ 74,612	4,456,326	19,937	4,476,263
GS >50	7,515,601	26.70%	162.82	\$4.3073	\$ 1,302,476	\$ 6,213,125	\$ 597,538	8,113,140	87,079	8,200,218
Large Use	572,427	2.03%	6,686.47	\$3.1991	\$ 80,238	\$ 492,189	\$ -	572,427	8,501	580,928
Sentinel Lights	0	0.00%	0.00	\$0.0000	\$ -	\$ -				
Street Lighting	234,246	0.83%	0.33	\$8.3232	\$ 52,506	\$ 181,740		234,246	744	234,990
USL	131,778	0.47%	15.31	\$0.0190	\$ 100,499	\$ 31,280		131,778	183	131,961
Embedded Distributor	857	0.00%	0.00	\$0.0120	\$ -	\$ 857		857	0	857
TOTAL	28,144,657	100.00%			\$11,609,372	\$16,535,285	\$ 672,628	\$28,817,286	\$165,000	\$28,982,286

Forecast Fixed/Variable Ratios 40.286% 57.380% 2.334% 100.000%

Differences in 2013 & 2011 Distribution Revenue between Fixed & Variable, however, Total Revenue does not Change						
	Total Fixed Revenue	Total Variable Revenue	Transformer Allowance	Gross Distribution Revenue	LV & Wheeling Charges	Total
TOTAL	(369,069)	369,069	-	-	-	-

Section 8.2 of Waterloo North Hydro's Settlement Agreement and Illustrative Examples are reproduced in italics below:

8.2 *Are the customer charges and the fixed-variable splits for each class appropriate?*

Status: **Complete Settlement**

Supporting Parties: WNH, Energy Probe, SEC, VECC

Evidence: Exhibit 8, Pages 2 to 6

Interrogatory responses VECC IR # 15

For the purposes of obtaining complete settlement of all issues, the Parties accept the customer charges and the fixed-variable splits resulting from this Agreement (see Appendix K) for 2011.

The customer charges in Appendix L for the General Service Greater than 50 kW rate class reflect a one-third reduction between the current monthly customer charge of \$187.01 and the ceiling of \$114.22 as calculated in Sheet O2 of the Cost Allocation Model, resulting in a monthly customer charge of \$162.75 for the 2011 rate year. The Parties agree that in 2012 and 2013, further reductions will occur as follows: Any (GDP-IPI – X) increases or decreases under the IRM plan will be applied to the ceiling from Sheet O2 of the Cost Allocation Model, the difference between the May 1, 2010 rate (\$187.01) and the 2012 Adjusted Ceiling will be multiplied by 2/3 and subtracted from the May 1, 2010 rate to obtain the 2012 customer charge. In 2013, any (GDP-IPI – X) increases or decreases under the IRM plan are applied to the 2012 adjusted ceiling and the resulting 2013 Adjusted Ceiling will become the 2013 Customer Charge for this rate class. For each of 2012 and 2013, the rate design model will be re-run using the adjusted fixed charge for the General Service Greater than 50 kW class, and the consumption agreed upon in this Agreement, in order to establish the variable charge ("re-calculated variable charge") for that class for the corresponding year.

The re-calculated variable charge will then have any (GDP-IPI – X) increases or decreases under the IRM plan applied. In 2012 the applicable 2012 (GDP-IPI – X) increase or decrease will be applied to the re-calculated 2012 variable charge. In 2013 the applicable 2012 and 2013 (GDP-IPI – X) increases or decreases will be applied to the re-calculated 2013 variable charge. Two illustrative examples are provided below

Illustrative examples are provided below.

Illustrative Example – Customer Charge

GS>50 kW Monthly Customer Charge			
Details	2011	2012	2013
May 1, 2010 Rate	\$ 187.01	\$ 187.01	\$ 187.01
Ceiling per O2 Cost Allocation	114.22		
Difference	72.79		
Decrease 1/3	24.26		
Resulting Customer Charge	\$ 162.75		
Ceiling per O2 Cost Allocation		114.22	
GDP-IPI -X IRM Increase		0.30%	
Adjusted Ceiling		114.56	
Difference		72.45	
Decrease 2/3		48.30	
Resulting Customer Charge		\$ 138.71	
Ceiling per O2 Cost Allocation			114.56
GDP-IPI -X IRM Increase			0.50%
Adjusted Ceiling			115.14
Difference			71.87
Decrease 3/3			71.87
Resulting Customer Charge			\$ 115.14

Illustrative Example – Variable Charge

GS>50 kW Monthly Variable Charge			
Details	2011	2012	2013
May 1, 2011 Rate per Settlement	\$ 4.3054		
Re-calculate Variable Charge for new 2012 Customer Charge		4.4269	
2012 GDP-IPI -X IRM Increase		0.30%	
Resulting Variable Charge		\$ 4.4402	
Re-calculate Variable Charge for new 2013 Customer Charge			4.5462
2012 GDP-IPI -X IRM Increase			0.30%
2012 GDP-IPI -X IRM Increase			0.50%
Resulting Variable Charge			\$ 4.5826

2.8 Retail Transmission Service Rates

Electricity distributors are charged the Ontario Uniform Transmission Rates (“UTRs”) at the wholesale level and subsequently pass these charges on to their distribution customers through the Retail Transmission Service Rates (“RTSRs”). The UTRs are charges for network, line connection and transformation connection services.

The Board issued an RTSR Adjustment Work Form Model on June 28, 2012. Waterloo North Hydro, however, was unable to use this model as it incurs RTSR costs from two additional distributors, namely Kitchener-Wilmot Hydro (“Kitchener”) and Cambridge and North Dumfries Hydro (“Cambridge”). The model did not allow for the addition of data from these two distributors. The RTSR costs paid to Kitchener and Cambridge are reflected in Waterloo North Hydro’s current approved May 1, 2012 rates. Waterloo North Hydro has, thus, created an RTSR Model in the format of the Board’s Adjustment Work Form Model and included the RTSR costs paid to Kitchener and Cambridge. This is consistent with the treatment that Waterloo North Hydro employed in the 2012 IRM Application (EB-2011-0201) and that was approved by the Board.

Waterloo North Hydro has included billing detail for wholesale transmission that was used in its 2011 Cost of Service Filing. The use of the 2011 Cost of Service Data is consistent with Waterloo North Hydro’s use of the 2011 Cost of Service Data in Sheet 4 of the RTSR Model and consistent with Waterloo North Hydro’s approved treatment in its 2012 IRM Application.

The RTSR filing module reflects the most recent Uniform Transmission Rates approved by the Board (EB-2011-0268) which was effective January 1, 2012. It is Waterloo North Hydro’s understanding that once the January 1, 2013 UTR adjustments are determined, the Board will adjust the RTSR model to incorporate this change, if applicable.

In Sheet 5 UTRs & Subtransmission, in the 'Effective January 1, 2012' Rates for Kitchener-Wilmot Hydro (KW) and Cambridge & North Dumfries Hydro (CND), Waterloo North Hydro has used their May 1, 2012 Approved Embedded Distributor Retail Transmission Rates and is proposing to also use these rates in the model's 'Effective January 1, 2013' column. KW's rates were approved by the Board in Case # EB-2011-0179 and CND's rates were approved by the Board in Case # EB-2011-0156.

Waterloo North Hydro notes that in accordance with its billing arrangements with its Embedded Distributor, Retail Transmission Rates are not applicable.

Waterloo North Hydro has provided the proposed RTSR rates, as derived from Sheet 13 of the RTSR model, in Table 2.8a below.

Table 2.8a Proposed May 1, 2013 Retail Transmission Service Rates

Rate Class	Unit	Proposed RTSR Network	Proposed RTSR Connection
Residential	\$/kWh	\$ 0.0075	\$ 0.0023
General Service Less Than 50 kW	\$/kWh	\$ 0.0068	\$ 0.0021
General Service 50 to 999 kW	\$/kW	\$ 2.8042	\$ 0.8212
General Service 50 to 999 kW - Interval Metered	\$/kW	\$ 2.9785	\$ 1.0258
General Service 1,000 to 4,999 kW - Interval Meters	\$/kW	\$ 2.9747	\$ 1.0246
Large Use	\$/kW	\$ 3.2978	\$ 1.0293
Unmetered Scattered Load	\$/kWh	\$ 0.0068	\$ 0.0021
Street Lighting	\$/kW	\$ 2.1152	\$ 0.6347
Embedded Distributor	\$/kW	\$ -	\$ -

Waterloo North Hydro has provided the detail of the Retail Transmission Network and Connection kW Quantities used and approved in its May 1, 2011 Cost of Service Filing in Table 2.8b below.

Table 2.8b Retail Transmission Network and Connection kW Quantities from May 1, 2011 Cost of Service Filing

2011 Cost of Service Units Retail Transmission Service Rates															
Month	NW - Network					CN - Line Connection					CN - Line Transformation				
	IESO	HONI	KWH	CND	TOTAL	IESO	HONI	KWH	CND	TOTAL	IESO	HONI	KWH	CND	TOTAL
Jan	221,733	5,910	5,110	7,230	239,983	221,583	5,906	5,107	7,225	239,821	31,950	5,870			37,820
Feb	216,203	5,507	4,893	7,098	233,700	216,841	5,758	4,891	7,093	234,583	31,750	5,724			37,473
Mar	216,584	5,138	4,776	7,106	233,605	216,438	5,135	4,919	7,101	233,593	31,840	5,104			36,944
Apr	183,466	4,763	3,981	6,611	198,820	200,081	4,759	3,978	6,606	215,425	28,556	4,731			33,287
May	187,322	4,062	3,611	5,970	200,965	196,007	4,059	3,609	5,966	209,641	25,563	4,035			29,598
Jun	243,544	5,464	4,899	6,552	260,459	245,280	5,463	4,896	6,548	262,186	30,367	5,430			35,797
Jul	199,857	5,311	4,178	6,076	215,422	207,879	5,307	4,175	6,072	223,433	26,835	5,275			32,111
Aug	242,803	5,554	4,361	7,029	259,747	250,972	5,550	4,359	7,024	267,905	29,319	5,517			34,835
Sep	202,316	4,349	3,068	6,311	216,044	214,833	4,381	3,067	6,307	228,588	27,431	4,355			31,786
Oct	194,359	4,656	3,360	6,421	208,795	202,064	4,653	3,357	6,416	216,491	28,391	4,625			33,016
Nov	207,820	5,336	3,718	6,452	223,326	213,770	5,333	3,961	6,447	229,511	30,727	5,301			36,027
Dec	220,776	6,032	4,867	7,111	238,786	223,215	6,028	4,864	7,106	241,213	32,206	5,992			38,198
Total kW	2,536,782	62,081	50,823	79,967	2,729,653	2,608,964	62,332	51,182	79,913	2,802,390	354,934	61,957	-	-	416,891

2.9 Low Voltage Service Rate

Waterloo North Hydro has included Low Voltage Cost Recovery in its rates since May 1, 2006 and has reflected the increase of subsequent price caps adjustment in its records. Waterloo North Hydro is aware that the price cap index adjustment is no longer applied to the Low Voltage Service Rates and proposes to continue its low voltage cost recovery at its current level.

3.0 Proposed Rates

Waterloo North Hydro has provided the Proposed May 1, 2013 Tariff of Rates and Charges in Table 3.0a below. The Rate Generator Model which calculated the proposed rates and charges and the Tariff Schedule have been submitted in excel format with this application.

Waterloo North Hydro proposes to implement the new rates as of May 1, 2013. Waterloo North Hydro will prorate the customers' bills in order that consumption prior to May 1, 2013 will be billed at its current approved rates and post May 1, 2013 consumption will be billed at the rates proposed in this rate application.

Waterloo North Hydro notes the following:

- The Distribution Volumetric Rate for the Unmetered Scattered Load rate class did not automatically appear in Sheet 11 of the Rate Generator Model, thus, Waterloo North Hydro inserted it on Row 181 and it now appears in Sheets 11 through 14
- Waterloo North Hydro has some approved rates that are to the fifth decimal place, however, Sheets 12 and 13 only reflect these rates to the fourth decimal place. Waterloo North Hydro has presented its Proposed Tariff Schedule on pages 26 through 35 below to the fifth decimal place where applicable.

Table 3.0a Proposed May 1, 2013 Tariff of Rate and Charges

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 01, 2013

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

EB-2012-0172

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	14.85
Distribution Volumetric Rate	\$/kWh	0.0188
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.00072
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.00003)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0022)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0002
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kWh	0.0001
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0007)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kWh	(0.0008)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0023
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the Effective date of the next cost of service application	\$	2.11
Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$	(0.30)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	31.23
Distribution Volumetric Rate	\$/kWh	0.0139
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.00072
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.00003)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0018)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0001
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kWh	0.0001
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0004)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kWh	(0.0008)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the Effective date of the next cost of service application	\$	5.51
Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$	7.06

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service. Note that for the application of the Retail Transmission Rate – Network Service Rate and the Retail Transmission Rate – Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered General Service 50 to 999 kW interval metered General Service 1,000 to 4,999 kW interval metered.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	116.68
Distribution Volumetric Rate	\$/kW	4.6301
Low Voltage Service Rate	\$/kW	0.0551
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1297
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.27956
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0630)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.1063)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.06474)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.5917)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kW	0.1495
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kW	0.0105
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0866)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.3564)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kW	0.1017
Retail Transmission Rate - Network Service Rate - (less than 1,000 kW)	\$/kW	2.8042
Retail Transmission Rate - Network Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	2.9785
Retail Transmission Rate - Network Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	2.9747
Retail Transmission Rate - Line and Transformation Connection Service Rate - (less than 1,000 kW)	\$/kW	0.8212
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	1.0258
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	1.0246
Rate Rider for Tax Change - Effective until April 30, 2014	\$/kW	(0.0045)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,818.16
Distribution Volumetric Rate	\$/kW	3.2622
Low Voltage Service Rate	\$/kW	0.0553
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1620
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.35873
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0730)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.3863)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.09798)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.6300)
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0678)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.4133)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2978
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.0293
Rate Rider for Tax Change - Effective until April 30, 2014	\$/kW	(0.0033)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	15.62
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.00072
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	0.00067
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0035)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0048
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0015)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kWh	(0.0008)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021
Rate Rider for Tax Change - Effective until April 30, 2014	\$/kWh	(0.0001)
Distribution Volumetric Rate	\$/kWh	0.0194

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.33
Distribution Volumetric Rate	\$/kW	8.4871
Low Voltage Service Rate	\$/kW	0.0341
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.10098
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0503)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(0.9707)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	0.02857
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.6907)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kW	0.2475
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.1959)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.2850)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kW	0.0814
Retail Transmission Rate - Network Service Rate	\$/kW	2.1152
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.6347
Rate Rider for Tax Change - Effective until April 30, 2014	\$/kW	(0.0094)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

MICROFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.25
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EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Board that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Distribution Volumetric Rate	\$/kW	0.0122
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1297
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.27956
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0564)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.1063)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.06474)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.3966)
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0002)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.3192)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kW	0.0911

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Customer Administration

Easement letter	\$	15.00
Notification charge	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Income tax letter	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	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
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

RETAIL SERVICE CHARGES (if applicable)

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

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

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

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0404
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0150
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0300
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0050

4.0 Bill Impacts

Waterloo North Hydro has included a bill impact analysis by rate class which details distribution and total bill impacts excluding any changes to the Regulated Price Plan (RPP) or Time of Use Pricing (TOU) as Table 4.0b. Waterloo North Hydro has included for each rate class a typical usage customer. Waterloo North Hydro has provided in Attachment E the varying levels by rate class as requested on Sheet 14 of the Rate Generator Model.

Waterloo North Hydro remains committed to the principle that significant increases or decreases be managed so as to mitigate undue rate impacts in all rate classes. We are also concerned that customers understand the rate impacts. Two critical measures of the impact analysis for each rate class are the percentage change from current rates, and the respective dollar amount of the impact. Providing both the dollar impact and the percentage change puts the increase or decrease in the proper context. Waterloo North Hydro used both percentages and dollar amounts in Table 4.0a below to demonstrate relative impacts. There is a range from an increase of .05% to a decrease of (18.95%) on the distribution portion of the bill and a range from an increase of .02% to a decrease of (.65%) on the total bill including taxes and the Ontario Clean Energy Benefit, to all classes after all proposed rate adjustments have been accounted for.

Table 4.0a Summary Bill Impact by Rate Class

Rate Class	Typical kWh Usage	Typical kW Usage	% Distribution Bill Impact	% Total Bill Impact	\$ Distribution Bill Impact	\$ Total Bill Impact
Residential	800		-0.99%	-0.24%	\$ (0.27)	\$ (0.27)
GS < 50 kW	2,000		-1.51%	-0.34%	\$ (0.93)	\$ (0.95)
GS > 50 kW	100,000	250	-4.89%	-0.37%	\$ (45.62)	\$ (40.87)
Large Use	7,000,000	12,300	-17.91%	-0.61%	\$ (4,618.21)	\$ (4,372.73)
Unmetered Scattered Load	250		0.05%	0.02%	\$ 0.01	\$ 0.01
Street Lighting	50	0.14	-1.54%	-0.15%	\$ (0.02)	\$ (0.01)
Embedded Distributor	2,375,000	6,000	-18.95%	-0.65%	\$ (1,368.00)	\$ (1,391.26)

Waterloo North Hydro notes that the Proposed RTSR Network and Connection charges for the Large User Class were not included in the rate impact analysis and Waterloo North Hydro has adjusted the Rate Impact Analysis to accommodate these.

Table 4.0b Bill Impact Analysis by Rate Class (Typical Usage)

Residential

Consumption	800 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	39.66%	
Energy Second Tier (kWh)	232.32	0.0880	20.44	232.32	0.0880	20.44	0.00	0.00%	18.02%	
TOU - Off Peak	532.68	0.0650	34.62	532.68	0.0650	34.62	0.00	0.00%		30.06%
TOU - Mid Peak	149.82	0.1000	14.98	149.82	0.1000	14.98	0.00	0.00%		13.01%
TOU - On Peak	149.82	0.1170	17.53	149.82	0.1170	17.53	0.00	0.00%		15.22%
Service Charge	1	14.72	14.72	1	14.85	14.85	0.13	0.88%	13.09%	12.89%
Service Charge Rate Rider(s)	1	1.81	1.81	1	1.81	1.81	0.00	0.00%	1.60%	1.57%
Distribution Volumetric Rate	800	0.0186	14.88	800	0.0188	15.04	0.16	1.08%	13.25%	13.06%
Low Voltage Volumetric Rate	800	0.0001	0.08	800	0.0001	0.08	0.00	0.00%	0.07%	0.07%
Distribution Volumetric Rate Rider(s)	800	(0.0054)	(4.34)	800	(0.0061)	(4.90)	(0.56)	12.89%	-4.32%	-4.26%
Total: Distribution			27.15			26.88	(0.27)	(0.99)%	23.69%	23.34%
Retail Transmission Rate - Network Service Rate	832.32	0.0075	6.24	832.32	0.0075	6.24	0.00	0.00%	5.50%	5.42%
Retail Transmission Rate - Line and Transformation Connection Service Rate	832.32	0.0023	1.91	832.32	0.0023	1.91	0.00	0.00%	1.68%	1.66%
Total: Retail Transmission			8.15			8.15	0.00	0.00%	7.18%	7.08%
Sub-Total: Delivery (Distribution and Retail Transmission)			35.30			35.03	(0.27)	(0.76)%	30.87%	30.41%
Wholesale Market Service Rate	832.32	0.0052	4.33	832.32	0.0052	4.33	0.00	0.00%	3.81%	3.76%
Rural Rate Protection Charge	832.32	0.0011	0.92	832.32	0.0011	0.92	0.00	0.00%	0.81%	0.79%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.22%
Sub-Total: Regulatory			5.49			5.49	0.00	0.00%	4.84%	4.77%
Debt Retirement Charge (DRC)	800.00	0.00700	5.60	800.00	0.0070	5.60	0.00	0.00%	4.94%	4.86%
Total Bill on RPP (before taxes)			111.84			111.57	(0.27)	(0.24)%	98.33%	
HST		13%	14.54		13%	14.50	(0.04)	(0.24)%	12.78%	
Total Bill (including HST)			126.38			126.07	(0.31)	(0.24)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(12.64)		(10%)	(12.61)	0.03	(0.24)%	-11.11%	
Total Bill on RPP (including OCEB)			113.74			113.47	(0.27)	(0.24)%	100.00%	
Total Bill on TOU (before taxes)			113.53			113.26	(0.27)	(0.24)%		98.33%
HST		13%	14.76		13%	14.72	(0.04)	(0.24)%		12.78%
Total Bill (including HST)			128.29			127.98	(0.31)	(0.24)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(12.83)		(10%)	(12.80)	0.03	(0.24)%		-11.11%
Total Bill on TOU (including OCEB)			115.46			115.19	(0.27)	(0.24)%		100.00%

General Service Less Than 50 kW

Consumption	2,000 kWh
RPP Tier One	750 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	750.00	0.0750	56.25	750.00	0.0750	56.25	0.00	0.00%	19.75%	
Energy Second Tier (kWh)	1,330.80	0.0880	117.11	1,330.80	0.0880	117.11	0.00	0.00%	41.13%	
TOU - Off Peak	1,331.71	0.0650	86.56	1,331.71	0.0650	86.56	0.00	0.00%		31.01%
TOU - Mid Peak	374.54	0.1000	37.45	374.54	0.1000	37.45	0.00	0.00%		13.42%
TOU - On Peak	374.54	0.1170	43.82	374.54	0.1170	43.82	0.00	0.00%		15.70%
Service Charge	1	30.96	30.96	1	31.23	31.23	0.27	0.87%	10.97%	11.19%
Service Charge Rate Rider(s)	1	12.57	12.57	1	12.57	12.57	0.00	0.00%	4.41%	4.50%
Distribution Volumetric Rate	2000	0.0138	27.60	2,000	0.0139	27.80	0.20	0.72%	9.76%	9.96%
Low Voltage Volumetric Rate	2000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.07%	0.07%
Distribution Volumetric Rate Rider(s)	2000	(0.0048)	(9.66)	2,000	(0.0055)	(11.06)	(1.40)	14.49%	-3.88%	-3.96%
Total: Distribution			61.67			60.74	(0.93)	(1.51)%	21.33%	21.76%
Retail Transmission Rate - Network Service Rate	2,080.80	0.0068	14.15	2,080.80	0.0068	14.15	0.00	0.00%	4.97%	5.07%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,080.80	0.0021	4.37	2,080.80	0.0021	4.37	0.00	0.00%	1.53%	1.57%
Total: Retail Transmission			18.52			18.52	0.00	0.00%	6.50%	6.64%
Sub-Total: Delivery (Distribution and Retail Transmission)			80.19			79.26	(0.93)	(1.16)%	27.84%	28.40%
Wholesale Market Service Rate	2,080.80	0.0052	10.82	2,080.80	0.0052	10.82	0.00	0.00%	3.80%	3.88%
Rural Rate Protection Charge	2,080.80	0.0011	2.29	2,080.80	0.0011	2.29	0.00	0.00%	0.80%	0.82%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.09%
Sub-Total: Regulatory			13.36			13.36	0.00	0.00%	4.69%	4.79%
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000.00	0.0070	14.00	0.00	0.00%	4.92%	5.02%
Total Bill on RPP (before taxes)			280.91			279.98	(0.93)	(0.33)%	98.33%	
HST		13%	36.52		13%	36.40	(0.12)	(0.33)%	12.78%	
Total Bill (including HST)			317.43			316.38	(1.05)	(0.33)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(31.74)		(10%)	(31.64)	0.11	(0.33)%	-11.11%	
Total Bill on RPP (including OCEB)			285.69			284.74	(0.95)	(0.33)%	100.00%	
Total Bill on TOU (before taxes)			275.39			274.46	(0.93)	(0.34)%		98.33%
HST		13%	35.80		13%	35.68	(0.12)	(0.34)%		12.78%
Total Bill (including HST)			311.19			310.14	(1.05)	(0.34)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(31.12)		(10%)	(31.01)	0.11	(0.34)%		-11.11%
Total Bill on TOU (including OCEB)			280.07			279.13	(0.95)	(0.34)%		100.00%

General Service 50 to 4,999 kW

Consumption	100,000 kWh	250.0 kW
RPP Tier One	- kWh	
Load Factor	55%	
Loss Factor	1.0404	

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	104,039.96	0.0750	7,803.00	104,039.96	0.0750	7,803.00	0.00	0.00%	70.05%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	66,585.58	0.0650	4,328.06	66,585.58	0.0650	4,328.06	0.00	0.00%		36.87%
TOU - Mid Peak	18,727.19	0.1000	1,872.72	18,727.19	0.1000	1,872.72	0.00	0.00%		15.95%
TOU - On Peak	18,727.19	0.1170	2,191.08	18,727.19	0.1170	2,191.08	0.00	0.00%		18.67%
Service Charge	1	139.45	139.45	1	116.68	116.68	(22.77)	(16.33)%	1.05%	0.99%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	250	4.4733	1,118.33	250	4.6301	1,157.53	39.20	3.51%	10.39%	9.86%
Low Voltage Volumetric Rate	250	0.0551	13.78	250	0.0551	13.78	0.00	0.00%	0.12%	0.12%
Distribution Volumetric Rate Rider(s)	250	(1.3541)	(338.52)	250	(1.6023)	(400.57)	(62.05)	18.33%	-3.60%	-3.41%
Total: Distribution			933.03			887.41	(45.62)	(4.89)%	7.97%	7.56%
Retail Transmission Rate - Network Service Rate - (less than 1,000 kW)	250.00	2.7869	696.72	250.00	2.8042	701.05	4.33	0.62%	6.29%	5.97%
Retail Transmission Rate - Line and Transformation Connection Service Rate - (less than 1,000 kW)	250.00	0.8168	204.20	250.00	0.8212	205.30	1.10	0.54%	1.84%	1.75%
Total: Retail Transmission			900.92			906.35	5.43	0.60%	8.14%	7.72%
Sub-Total: Delivery (Distribution and Retail Transmission)			1,833.95			1,793.76	(40.19)	(2.19)%	16.10%	15.28%
Wholesale Market Service Rate	104,039.96	0.0052	541.01	104,039.96	0.0052	541.01	0.00	0.00%	4.86%	4.61%
Rural Rate Protection Charge	104,039.96	0.0011	114.44	104,039.96	0.0011	114.44	0.00	0.00%	1.03%	0.98%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%	0.00%
Sub-Total: Regulatory			655.70			655.70	0.00	0.00%	5.89%	5.59%
Debt Retirement Charge (DRC)	99,999.96	0.00700	700.00	99,999.96	0.0070	700.00	0.00	0.00%	6.28%	5.96%
Total Bill on RPP (before taxes)			10,992.65			10,952.46	(40.19)	(0.37)%	98.33%	
HST		13%	1,429.04		13%	1,423.82	(5.22)	(0.37)%	12.78%	
Total Bill (including HST)			12,421.69			12,376.28	(45.41)	(0.37)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(1,242.17)		(10%)	(1,237.63)	4.54	(0.37)%	-11.11%	
Total Bill on RPP (including OCEB)			11,179.53			11,138.65	(40.87)	(0.37)%	100.00%	
Total Bill on TOU (before taxes)			11,581.51			11,541.32	(40.19)	(0.35)%		98.33%
HST		13%	1,505.60		13%	1,500.37	(5.22)	(0.35)%		12.78%
Total Bill (including HST)			13,087.11			13,041.69	(45.41)	(0.35)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(1,308.71)		(10%)	(1,304.17)	4.54	(0.35)%		-11.11%
Total Bill on TOU (including OCEB)			11,778.40			11,737.52	(40.87)	(0.35)%		100.00%

Large Use

Consumption	7,000,000	kWh	12,300.0	kW
RPP Tier One	-	kWh		
Load Factor	78%			
Loss Factor	1.0150			

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	7,104,999.66	0.0750	532,874.97	7,104,999.66	0.0750	532,874.97	0.00	0.00%	80.88%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	4,547,199.78	0.0650	295,567.99	4,547,199.78	0.0650	295,567.99	0.00	0.00%		42.24%
TOU - Mid Peak	1,278,899.94	0.1000	127,889.99	1,278,899.94	0.1000	127,889.99	0.00	0.00%		18.28%
TOU - On Peak	1,278,899.94	0.1170	149,631.29	1,278,899.94	0.1170	149,631.29	0.00	0.00%		21.38%
Service Charge	1	6,758.68	6,758.68	1	6,818.16	6,818.16	59.48	0.88%	1.03%	0.97%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	12300	3.2337	39,774.51	12,300	3.2622	40,125.06	350.55	0.88%	6.09%	5.73%
Low Voltage Volumetric Rate	12300	0.0553	680.19	12,300	0.0553	680.19	0.00	0.00%	0.10%	0.10%
Distribution Volumetric Rate Rider(s)	12300	(1.7423)	(21,429.68)	12,300	(2.1511)	(26,457.92)	(5,028.24)	23.46%	-4.02%	-3.78%
Total: Distribution			25,783.71			21,165.50	(4,618.21)	(17.91)%	3.21%	3.02%
Total: Retail Transmission	12,300.0	4.3013	52,804.75	12,300.0	4.3271	53,223.33	418.57	0.60%		
Sub-Total: Delivery (Distribution and Retail Transmission)			78,688.47			74,388.83	(4,299.64)	(5.46)%	3.21%	3.02%
Wholesale Market Service Rate	7,104,999.66	0.0052	36,946.00	7,104,999.66	0.0052	36,946.00	0.00	0.00%	5.61%	5.28%
Rural Rate Protection Charge	7,104,999.66	0.0011	7,815.50	7,104,999.66	0.0011	7,815.50	0.00	0.00%	1.19%	1.12%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%	0.00%
Sub-Total: Regulatory			44,761.75			44,761.75	0.00	0.00%	6.79%	6.40%
Debt Retirement Charge (DRC)	6,999,999.67	0.00700	49,000.00	6,999,999.67	0.0070	49,000.00	0.00	0.00%	7.44%	7.00%
Total Bill on RPP (before taxes)			705,325.19			701,025.55	(4,299.64)	(0.61)%	98.33%	
HST		13%	91,692.27		13%	91,133.32	(558.95)	(0.61)%	12.78%	
Total Bill (including HST)			797,017.46			792,158.87	(4,858.59)	(0.61)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(79,701.75)		(10%)	(79,215.89)	485.86	(0.61)%	-11.11%	
Total Bill on RPP (including OCEB)			717,315.72			712,942.98	(4,372.73)	(0.61)%	100.00%	
Total Bill on TOU (before taxes)			745,539.49			741,239.85	(4,299.64)	(0.58)%		98.33%
HST		13%	96,920.13		13%	96,361.18	(558.95)	(0.58)%		12.78%
Total Bill (including HST)			842,459.62			837,601.03	(4,858.59)	(0.58)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(84,245.96)		(10%)	(83,760.10)	485.86	(0.58)%		-11.11%
Total Bill on TOU (including OCEB)			758,213.66			753,840.93	(4,372.73)	(0.58)%		100.00%

Formula required to be changed

Unmetered Scattered Load

Consumption	250 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	260.10	0.0750	19.51	260.10	0.0750	19.51	0.00	0.00%	42.46%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	166.46	0.0650	10.82	166.46	0.0650	10.82	0.00	0.00%		22.81%
TOU - Mid Peak	46.82	0.1000	4.68	46.82	0.1000	4.68	0.00	0.00%		9.87%
TOU - On Peak	46.82	0.1170	5.48	46.82	0.1170	5.48	0.00	0.00%		11.55%
Service Charge	1	15.48	15.48	1	15.62	15.62	0.14	0.90%	33.99%	32.92%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	250	0.0192	4.80	250	0.0194	4.85	0.05	1.04%	10.56%	10.22%
Low Voltage Volumetric Rate	250	0.0001	0.03	250	0.0001	0.03	0.00	0.00%	0.05%	0.05%
Distribution Volumetric Rate Rider(s)	250	(0.0024)	(0.61)	250	(0.0031)	(0.78)	(0.18)	28.81%	-1.70%	-1.65%
Total: Distribution			19.70			19.71	0.01	0.05%	42.90%	41.54%
Retail Transmission Rate - Network Service Rate	260.10	0.0068	1.77	260.10	0.0068	1.77	0.00	0.00%	3.85%	3.73%
Retail Transmission Rate - Line and Transformation Connection	260.10	0.0021	0.55	260.10	0.0021	0.55	0.00	0.00%	1.20%	1.16%
Total: Retail Transmission			2.32			2.32	0.00	0.00%	5.05%	4.89%
Sub-Total: Delivery (Distribution and Retail Transmission)			22.02			22.03	0.01	0.05%	47.95%	46.43%
Wholesale Market Service Rate	260.10	0.0052	1.35	260.10	0.0052	1.35	0.00	0.00%	2.94%	2.85%
Rural Rate Protection Charge	260.10	0.0011	0.29	260.10	0.0011	0.29	0.00	0.00%	0.62%	0.60%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.54%	0.53%
Sub-Total: Regulatory			1.89			1.89	0.00	0.00%	4.11%	3.98%
Debt Retirement Charge (DRC)	250.00	0.00700	1.75	250.00	0.0070	1.75	0.00	0.00%	3.81%	3.69%
Total Bill on RPP (before taxes)			45.17			45.18	0.01	0.02%	98.33%	
HST		13%	5.87		13%	5.87	0.00	0.02%	12.78%	
Total Bill (including HST)			51.04			51.05	0.01	0.02%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(5.10)		(10%)	(5.11)	(0.00)	0.02%	-11.11%	
Total Bill on RPP (including OCEB)			45.94			45.95	0.01	0.02%	100.00%	
Total Bill on TOU (before taxes)			46.64			46.65	0.01	0.02%		98.33%
HST		13%	6.06		13%	6.06	0.00	0.02%		12.78%
Total Bill (including HST)			52.70			52.71	0.01	0.02%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(5.27)		(10%)	(5.27)	(0.00)	0.02%		-11.11%
Total Bill on TOU (including OCEB)			47.43			47.44	0.01	0.02%		100.00%

Street Lighting

Consumption	50 kWh	0.14 kW
RPP Tier One	- kWh	
Load Factor	49%	
Loss Factor	1.0404	

	CURRENT			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	52.10	0.0750	3.91	52.10	0.0750	3.91	0.00	0.00%	59.02%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	33.34	0.0650	2.17	33.34	0.0650	2.17	0.00	0.00%		31.34%
TOU - Mid Peak	9.38	0.1000	0.94	9.38	0.1000	0.94	0.00	0.00%		13.56%
TOU - On Peak	9.38	0.1170	1.10	9.38	0.1170	1.10	0.00	0.00%		15.87%
Service Charge	1	0.33	0.33	1	0.33	0.33	0.00	0.00%	4.98%	4.77%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	0	8.4131	1.18	0	8.4871	1.19	0.01	0.88%	17.95%	17.18%
Low Voltage Volumetric Rate	0	0.0341	0.00	0	0.0341	0.00	0.00	0.00%	0.07%	0.07%
Distribution Volumetric Rate Rider(s)	0	(1.5535)	(0.22)	0	(1.7436)	(0.24)	(0.03)	12.24%	-3.69%	-3.53%
Total: Distribution			1.30			1.28	(0.02)	(1.54)%	19.33%	18.51%
Retail Transmission Rate - Network Service Rate	0.14	2.1021	0.29	0.14	2.1152	0.30	0.01	3.45%	4.53%	4.34%
Retail Transmission Rate - Line and Transformation Connection	0.14	0.6313	0.09	0.14	0.6347	0.09	0.00	0.00%	1.36%	1.30%
Total: Retail Transmission			0.38			0.39	0.01	2.63%	5.89%	5.64%
Sub-Total: Delivery (Distribution and Retail Transmission)			1.68			1.67	(0.01)	(0.60)%	25.22%	24.15%
Wholesale Market Service Rate	52.10	0.0052	0.27	52.10	0.0052	0.27	0.00	0.00%	4.09%	3.92%
Rural Rate Protection Charge	52.10	0.0011	0.06	52.10	0.0011	0.06	0.00	0.00%	0.87%	0.83%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	3.78%	3.62%
Sub-Total: Regulatory			0.58			0.58	0.00	0.00%	8.73%	8.36%
Debt Retirement Charge (DRC)	50.08	0.00700	0.35	50.08	0.0070	0.35	0.00	0.00%	5.29%	5.07%
Total Bill on RPP (before taxes)			6.52			6.51	(0.01)	(0.15)%	98.33%	
HST		13%	0.85		13%	0.85	(0.00)	(0.15)%	12.78%	
Total Bill (including HST)			7.37			7.36	(0.01)	(0.15)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(0.74)		(10%)	(0.74)	0.00	(0.15)%	-11.11%	
Total Bill on RPP (including OCEB)			6.63			6.62	(0.01)	(0.15)%	100.00%	
Total Bill on TOU (before taxes)			6.81			6.80	(0.01)	(0.15)%		98.33%
HST		13%	0.89		13%	0.88	(0.00)	(0.15)%	12.78%	
Total Bill (including HST)			7.70			7.68	(0.01)	(0.15)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(0.77)		(10%)	(0.77)	0.00	(0.15)%		-11.11%
Total Bill on TOU (including OCEB)			6.93			6.92	(0.01)	(0.15)%		100.00%

Embedded Distributor

Consumption	2,375,000 kWh	6,000.0 kW
RPP Tier One	- kWh	
Load Factor	54%	
Loss Factor	1.0404	

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	2,470,949.80	0.0750	185,321.24	2,470,949.80	0.0750	185,321.24	0.00	0.00%	87.22%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	1,581,407.87	0.0650	102,791.51	1,581,407.87	0.0650	102,791.51	0.00	0.00%		45.34%
TOU - Mid Peak	444,770.96	0.1000	44,477.10	444,770.96	0.1000	44,477.10	0.00	0.00%		19.62%
TOU - On Peak	444,770.96	0.1170	52,038.20	444,770.96	0.1170	52,038.20	0.00	0.00%		22.95%
Service Charge	1		0.00	1		0.00	0.00	0.00%	0.00%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	6000	0.0121	72.60	6,000	0.0122	73.20	0.60	0.83%	0.03%	0.03%
Low Voltage Volumetric Rate	6000		0.00	6,000		0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	6000	(1.2150)	(7,289.88)	6,000	(1.4431)	(8,658.48)	(1,368.60)	(18.77)%	-4.07%	-3.82%
Total: Distribution			(7,217.28)			(8,585.28)	(1,368.00)	(18.95)%	-4.04%	-3.79%
Total: Retail Transmission										
Sub-Total: Delivery (Distribution and Retail Transmission)			-7,217.28			(8,585.28)	(1,368.00)	(18.95)%	-4.04%	-3.79%
Wholesale Market Service Rate	2,470,949.80	0.0052	12,848.94	2,470,949.80	0.0052	12,848.94	0.00	0.00%	6.05%	5.67%
Rural Rate Protection Charge	2,470,949.80	0.0011	2,718.04	2,470,949.80	0.0011	2,718.04	0.00	0.00%	1.28%	1.20%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%	0.00%
Sub-Total: Regulatory			15,567.23			15,567.23	0.00	0.00%	7.33%	6.87%
Debt Retirement Charge (DRC)	2,374,999.81	0.00700	16,625.00	2,374,999.81	0.0070	16,625.00	0.00	0.00%	7.82%	7.33%
Total Bill on RPP (before taxes)			210,296.19			208,928.19	(1,368.00)	(0.65)%	98.33%	
HST		13%	27,338.50		13%	27,160.66	(177.84)	(0.65)%	12.78%	
Total Bill (including HST)			237,634.69			236,088.85	(1,545.84)	(0.65)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(23,763.47)		(10%)	(23,608.89)	154.58	(0.65)%	-11.11%	
Total Bill on RPP (including OCEB)			213,871.23			212,479.97	(1,391.26)	(0.65)%	100.00%	
Total Bill on TOU (before taxes)			224,281.76			222,913.76	(1,368.00)	(0.61)%	98.33%	
HST		13%	29,156.63		13%	28,978.79	(177.84)	(0.61)%	12.78%	
Total Bill (including HST)			253,438.39			251,892.55	(1,545.84)	(0.61)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(25,343.84)		(10%)	(25,189.25)	154.58	(0.61)%	-11.11%	
Total Bill on TOU (including OCEB)			228,094.55			226,703.29	(1,391.26)	(0.61)%	100.00%	

Formula required to be changed

Dated at Waterloo, Ontario this 13th day of September 2012.

Original signed by

Rene W. Gatien, P. Eng., MBA
President & CEO
Waterloo North Hydro Inc.

Attachment A

Rate Generator Model



3RD Generation Incentive Regulation Model for 2013 Filers

Version 2.3

Utility Name Waterloo North Hydro Inc.

Service Territory (if applicable)

Assigned EB Number EB-2012-0172


Name of Contact and Title Albert P. Singh

Phone Number 519-888-5542


Email Address asingh@wnhydro.com

We are applying for rates effective Wednesday, May 01, 2013

Notes

 Pale green cells represent input cells.

 Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.

 White cells contain fixed values, automatically generated values or formulae.

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

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



3RD Generation Incentive Regulation Model for 2013 Filers

Waterloo North Hydro Inc.

- | | |
|--------------------------------|------------------------------|
| 1. Information Sheet | 8. Calculation of Def-Var RR |
| 2. Table of Contents | 9. Rev2Cost_GDPIPI |
| 3. Rate Class Selection | 10. Other Charges & LF |
| 4. Current Tariff Schedule | 11. Proposed Rates |
| 5. 2013 Continuity Schedule | 12. Summary Sheet |
| 6. Billing Det. for Def-Var | 13. Final Tariff Schedule |
| 7. Cost Allocation for Def-Var | 14. Bill Impacts |



3RD Generation Incentive Regulation Model for 2013 Filers

Waterloo North Hydro Inc.

Select the appropriate rate classes as they appear on your most recent Board-Approved Tariff of Rates and Charges, including the MicroFit Class.

How many classes are listed on your most recent Board-Approved Tariff of Rates and Charges?

8

Select Your Rate Classes from the **Blue Cells** below. Please ensure that a rate class is assigned to **each shaded cell.**

Rate Class Classification	
1	Residential
2	General Service Less Than 50 kW
3	General Service 50 to 4,999 kW
4	Large Use
5	Unmetered Scattered Load
6	Street Lighting
7	MicroFit
8	Embedded Distributor



3RD Generation Incentive Regulation Model for 2013 Filers

Waterloo North Hydro Inc.

For each class, Applicants are required to copy and paste the class descriptions (located directly under the class name) and the description of the applicability of those rates (description is found under the class name and directly under the word "APPLICATION"). By using the drop-down lists located under the column labeled "Rate Description", please select the descriptions of the rates and charges that **BEST MATCHES** the descriptions on your most recent Board-Approved Tariff of Rates and Charges. If the description is not found in the drop-down list, please enter the description in the green cells under the correct class exactly as it appears on the tariff. Please do not enter more than one "Service Charge" for each class for which a base monthly fixed charge applies. ****Note:** If the current RRRP consists of only one line on the current tariff schedule, enter the same rate for "Rural Rate Protection Charge - effective until April 30, 2012" and "Rural Rate Protection Charge - effective on and after May 1, 2012".

Waterloo North Hydro Inc. **TARIFF OF RATES AND CHARGES**

Residential Service Classification

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component (If applicable, Effective Date MUST be included in rate description)

Service Charge	\$	14.72
Smart Meter Funding Adder – Effective until October 31, 2012	\$	
Distribution Volumetric Rate	\$/kWh	0.0186
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

<p>The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.</p>
<p>No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.</p>
<p>Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.</p>

Service Charge	\$	30.96
Smart Meter Funding Adder – Effective until October 31, 2012	\$	
Distribution Volumetric Rate	\$/kWh	0.0138
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.00072
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.00003)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0018)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0001
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kWh	0.0001
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0004)
Rate Rider for Tax Change – Effective until April 30, 2013	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the Effective date of the next cost of service application	\$	5.5100
Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$	7.0600

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service. Note that for the application of the Retail Transmission Rate – Network Service Rate and the Retail Transmission Rate – Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered General Service 50 to 999 kW interval metered General Service 1,000 to 4,999 kW interval metered.

APPLICATION

[illegible]

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

APPLICATION

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component (If applicable, Effective Date **MUST** be included in rate description)

[illegible]

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Unmetered Scattered Load Service Classification

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component (If applicable, Effective Date MUST be included in rate description)

Service Charge (per connection)	\$	15.48
Distribution Volumetric Rate	\$/kWh	0.0192
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.00072
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	0.00067
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0035)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0048
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0015)
Rate Rider for Tax Change – Effective until April 30, 2013	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

<p>The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.</p>
<p>No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.</p>
<p>Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.</p>
<p>It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.</p>

Service Charge (per connection)	\$	0.33
Distribution Volumetric Rate	\$/kW	8.4131
Low Voltage Service Rate	\$/kW	0.0341
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.10098
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0503)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(0.9707)

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

<p>The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.</p>
<p>No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.</p>
<p>Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.</p>
<p>It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario</p>

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

[illegible]

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

For an **elementary** proof, assume that the algorithm cannot be the same as the **naïve** algorithm. In other words, there must be some n for which the algorithm is faster than the naïve algorithm. Let n be the smallest such integer. Then, for all $m < n$, the algorithm is no faster than the naïve algorithm. This implies that the algorithm cannot be the same as the naïve algorithm for any $m < n$. But, for $m = n$, the algorithm is faster than the naïve algorithm. This is a contradiction. Therefore, the algorithm must be the same as the naïve algorithm for all m .



Regulati

Account Descriptions	Account Number	2019			Interim Statement as Dec 31, 2019 Balance			2018	
		Balance	Debit	Credit	Balance	Debit	Credit	Balance	Debit
Group 1 Accounts									
1000 Cash	1000	1000			1000			1000	
1010 Accounts Receivable	1010								
1020 Inventory	1020								
1030 Prepaid Expenses	1030								
1040 Other Assets	1040								
1050 Total Group 1 Accounts	1050	1000			1000			1000	
2000 Accounts Payable	2000								
2010 Accounts Payable	2010								
2020 Accounts Payable	2020								
2030 Accounts Payable	2030								
2040 Accounts Payable	2040								
2050 Total Group 2 Accounts	2050								
3000 Equity	3000								
3010 Common Stock	3010								
3020 Retained Earnings	3020								
3030 Total Group 3 Accounts	3030								
4000 Income Statement	4000								
4010 Sales	4010								
4020 Cost of Sales	4020								
4030 Gross Profit	4030								
4040 Operating Expenses	4040								
4050 Total Group 4 Accounts	4050								
5000 Balance Sheet	5000								
5010 Assets	5010								
5020 Liabilities	5020								
5030 Equity	5030								
5040 Total Group 5 Accounts	5040								

Regulati



3RD Generation Incentive Regulation Model for 2013 Filers

Waterloo North Hydro Inc.

In the green shaded cells, enter the most recent Board Approved volumetric forecast. If there is a material difference between the latest Board-approved volumetric forecast and the most recent 12-month actual volumetric data, use the most recent 12-month actual data. Do not enter data for the MicroFit class.

Rate Class	Unit	Metered kWh	Metered kW	Billed kWh for Non-RPP Customers	Estimated kW for Non-RPP Customers	Distribution Revenue ¹	1590 Recovery Share Proportion*	1595 Recovery Share Proportion (2008) ²	1595 Recovery Share Proportion (2009) ²	1595 Recovery Share Proportion (2010) ²	1568 LRAM Variance Account Class Allocation (\$ amounts)
Residential	\$/kWh	393,848,054		38,803,357	0	15,308,033					
General Service Less Than 50 kW	\$/kWh	179,687,810		30,472,280	0	4,381,714					
General Service 50 to 4,999 kW	\$/kW	705,732,689	1,581,207	681,135,819	1,526,097	7,515,601					
Large Use	\$/kW	79,638,262	153,852		0	572,427					
Unmetered Scattered Load	\$/kWh	1,648,666		435,917	0	131,778					
Street Lighting	\$/kW	7,792,006	21,835	7,680,748	21,524	234,246					
MicroFit											
Embedded Distributor	\$/kW	28,618,000	71,600	31,844,094	79,671	857					
Total		1,396,965,487	1,828,494	790,372,214	1,627,292	28,144,657	0.00%	0.00%	0.00%	0.00%	0
										Balance as per Sheet 5	0
										Variance	0

Threshold Test

Total Claim (including Account 1521, 1562 and 1568)	(\$1,870,615)
Total Claim for Threshold Test (All Group 1 Accounts)	(\$1,870,615)
Threshold Test (Total claim per kWh) ³	(0.0013)

¹ For Account 1562, the allocation to customer classes should be performed on the basis of the test year distribution revenue allocation to customer classes found in the Applicant’s Cost of Service application that was most recently approved at the time of disposition of the 1562 account balances

² Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

³ The Threshold Test does not include the amount in 1521, 1562 nor 1568.



No input required. This worksheet allocates the deferral/variance account balances (Group 1, 1521, 1588 GA, 1562 and 1568) to the appropriate classes as per the EDDVAR Report dated July 31, 2009

Allocation of Group 1 Accounts (including Accounts 1521, 1562, 1568)

Rate Class	% of Total kWh	% of Total non-RPP kWh	% of Total Distribution Revenue	1550	1580	1584	1586	1588*	1588 GA	1590	1595 (2008)	1595 (2009)	1595 (2010)	1521	1562	1568
Residential	28.2%	4.9%	54.4%	18,417	(435,394)	39,063	(26,749)	(224,320)	17,692	0	0	0	0	(0)	0	0
General Service Less Than 50 kW	12.9%	3.9%	15.6%	8,403	(198,643)	17,822	(12,204)	(102,343)	13,894	0	0	0	0	(0)	0	0
General Service 50 to 4,999 kW	50.5%	86.2%	26.7%	33,001	(780,179)	69,997	(47,931)	(401,957)	310,560	0	0	0	0	(0)	0	0
Large Use	5.7%	0.0%	2.0%	3,724	(88,039)	7,899	(5,409)	(45,359)	0	0	0	0	0	(0)	0	0
Unmetered Scattered Load	0.1%	0.1%	0.5%	77	(1,823)	164	(112)	(939)	199	0	0	0	0	(0)	0	0
Street Lighting	0.6%	1.0%	0.8%	364	(8,614)	773	(529)	(4,438)	3,502	0	0	0	0	(0)	0	0
MicroFit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Embedded Distributor	2.0%	4.0%	0.0%	1,338	(31,637)	2,838	(1,944)	(16,300)	14,519	0	0	0	0	(0)	0	0
Total	100.0%	100.0%	100.0%	65,325	(1,544,329)	138,555	(94,877)	(795,655)	360,366	0	0	0	0	(0)	0	0

* RSVA - Power (Excluding Global Adjustment)



3RD Generation Incentive Regulation Model for 2013 Filers Waterloo North Hydro Inc.

Input required at cell C15 only. This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and associated rate riders for the global adjustment sub-account. Rate Riders will not be generated for the MicroFit class.

Please indicate the Rate Rider Recovery Period (in years)

2

Rate Class	Unit	Billed kWh	Billed kW	Balance of Accounts Allocated by kWh/kW (RPP) or Distribution	Deferral/Variance Account Rate Rider	Allocation of Balance in Account 1588 Global	Billed kWh or Estimated kW for Non-RPP	Global Adjustment Rate Rider
Residential	\$/kWh	393,848,054		(628,983)	(0.0008)	17,692	38,803,357	0.0002
General Service Less Than 50 kW	\$/kWh	179,687,810		(286,965)	(0.0008)	13,894	30,472,280	0.0002
General Service 50 to 4,999 kW	\$/kW	705,732,689	1,581,207	(1,127,069)	(0.3564)	310,560	1,526,097	0.1017
Large Use	\$/kW	79,638,262	153,852	(127,184)	(0.4133)	0	0	0.0000
Unmetered Scattered Load	\$/kWh	1,648,666		(2,633)	(0.0008)	199	435,917	0.0002
Street Lighting	\$/kW	7,792,006	21,835	(12,444)	(0.2850)	3,502	21,524	0.0814
MicroFit								
Embedded Distributor	\$/kW	28,618,000	71,600	(45,703)	(0.3192)	14,519	79,671	0.0911
Total		1,396,965,487	1,828,494	(2,230,981)		360,366	71,338,846	

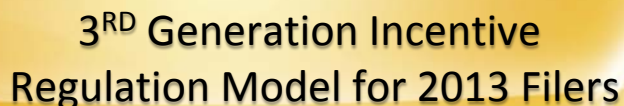


3RD Generation Incentive Regulation Model for 2013 Filers Waterloo North Hydro Inc.

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E.
The Price Escalator has been set at the 2012 values and will be updated by Board staff. The Stretch Factor Value will also be updated by Board staff.

Price Escalator	2.00%	Choose Stretch Factor Group	II
Productivity Factor	0.72%	Associated Stretch Factor Value	0.4%
Price Cap Index	0.88%		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
Residential	14.72		0.0186		0.88%	14.85	0.0188
General Service Less Than 50 kW	30.96		0.0138		0.88%	31.23	0.0139
General Service 50 to 4,999 kW	139.45	-23.784156	4.4733	0.116406351	0.88%	116.68	4.6301
Large Use	6758.68		3.2337		0.88%	6818.16	3.2622
Unmetered Scattered Load	15.48		0.0192		0.88%	15.62	0.0194
Street Lighting	0.33		8.4131		0.88%	0.33	8.4871
MicroFit	5.25					5.25	
Embedded Distributor			0.0121		0.88%	0.00	0.0122



Please enter the following charges as found on your most recent Board-Approved Tariff Schedule. The standard Allowance rates have been included as default entries. If you have different rates, please make the appropriate corrections in the applicable cells below. As well, please enter the current Specific Service Charges below. The standard Retail Service Charges have been entered below. If you have different rates, please make the appropriate corrections in columns A, C or D as applicable (cells are unlocked).

UNIT CURRENT

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)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Customer Administration

[illegible]

the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

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

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

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0404
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0150
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0300
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0050



3RD Generation Incentive Regulation Model for 2013 Filers

Waterloo North Hydro Inc.

Below is a listing of the proposed Monthly Fixed Charges, proposed Distribution Volumetric Rates, proposed Deferral and Variance account Rate Riders and all unexpired volumetric rates that were entered on Sheet 4. In the green cells (column A) below, please enter any additional rates being proposed (eg: LRAM/SSM, Tax Adjustments, etc). Please ensure that the word "Rider" or "Adder" is included in the description (as applicable). Note: All rates with expired effective dates have been removed. As well, the Current RTSR-Network and RTSR-Connection rate descriptions entered on Sheet 4 can be found below. The associated rates have been removed from this sheet, giving the applicant the opportunity to enter updated rates (from Sheet 13 in the Board-Approved RTSR model into the cells in column I.

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	14.85
Distribution Volumetric Rate	\$/kWh	0.0188
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.00072
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.00003)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0022)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0002
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kWh	0.0001
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0007)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kWh	(0.0008)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015 Applicable only for Non-RPP Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0023
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the Effective date of the next cost of service application	\$	2.11
Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$	(0.30)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	31.23
Distribution Volumetric Rate	\$/kWh	0.0139
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.00072
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.00003)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0018)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0001
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kWh	0.0001
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0004)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kWh	(0.0008)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the Effective date of the next cost of service application	\$	5.51
Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$	7.06

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	116.68
Distribution Volumetric Rate	\$/kW	4.6301
Low Voltage Service Rate	\$/kW	0.0551
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1297
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.27956

Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0630)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.1063)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.06474)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.5917)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kW	0.1495
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kW	0.0105
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0866)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.3564)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kW	0.1017
Retail Transmission Rate - Network Service Rate - (less than 1,000 kW)	\$/kW	2.8042
Retail Transmission Rate - Network Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	2.9785
Retail Transmission Rate - Network Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	2.9747
Retail Transmission Rate - Line and Transformation Connection Service Rate - (less than 1,000 kW)	\$/kW	0.8212
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	1.0258
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	1.0246
Rate Rider for Tax Change - Effective until April 30, 2014	\$/kW	(0.0045)
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

LARGE USE SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,818.16
Distribution Volumetric Rate	\$/kW	3.2622
Low Voltage Service Rate	\$/kW	0.0553
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1620
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.35873
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0730)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.3863)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.09798)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.6300)
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0678)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.4133)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2978
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.0293
Rate Rider for Tax Change - Effective until April 30, 2014	\$/kW	(0.0033)

\$ 0.25

\$/kWh	#REF!
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\$ 0.25

STREET LIGHTING SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

[illegible]

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

MICROFIT SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Distribution Volumetric Rate	\$/kW	0.0122
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1297
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.27956
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0564)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.1063)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.06474)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.3966)
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0002)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.3192)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kW	0.0911

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



3RD Generation Incentive Regulation Model for 2013 Filers

Waterloo North Hydro Inc.

The following table provides applicants with a class to class comparison of current vs. proposed rates.

Current Rates

Rate Description	Unit	Amount
Residential		
Service Charge	\$	14.72
Smart Meter Funding Adder – Effective until October 31, 2012	\$	
Distribution Volumetric Rate	\$/kWh	0.0186
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.0000)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0022)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0002
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kWh	0.0001
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0007)
Rate Rider for Tax Change – Effective until April 30, 2013	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0023
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the Effective date of the next cost of service application	\$	2.11
Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$	(0.30)
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

General Service Less Than 50 kW

Service Charge	\$	30.96
Smart Meter Funding Adder – Effective until October 31, 2012	\$	
Distribution Volumetric Rate	\$/kWh	0.0138
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0007

Proposed Rates

Rate Description	Unit	Amount
Residential		
Service Charge	\$	14.85
Distribution Volumetric Rate	\$/kWh	0.0188
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.0000)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0022)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0002
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kWh	0.0001
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0007)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kWh	(0.0008)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015 Applicable only for Non-RPP Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0023
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the Effective date of the next cost of service application	\$	2.11
Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$	(0.30)
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
General Service Less Than 50 kW		
Service Charge	\$	31.23
Distribution Volumetric Rate	\$/kWh	0.0139
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)

Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)	Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)	Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.0000)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.0000)	Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0018)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0018)	Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0001
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0001	Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kWh	0.0001
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kWh	0.0001	Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0004)
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0004)	Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kWh	(0.0008)
Rate Rider for Tax Change – Effective until April 30, 2013	\$/kWh	(0.0001)	Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015 Applicable only for Non-RPP Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the Effective date of the next cost of service application	\$	5.51	Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the Effective date of the next cost of service application	\$	5.51
Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$	7.06	Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$	7.06
Wholesale Market Service Rate	\$/kWh	0.0052	Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013	Rural Rate Protection Charge	\$/kWh	0.0011
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011	Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25			
General Service 50 to 4,999 kW			General Service 50 to 4,999 kW		
Service Charge	\$	139.45	Service Charge	\$	116.68
Smart Meter Funding Adder – Effective until October 31, 2012	\$		Distribution Volumetric Rate	\$/kW	4.6301
Distribution Volumetric Rate	\$/kW	4.4733	Low Voltage Service Rate	\$/kW	0.0551
Low Voltage Service Rate	\$/kW	0.0551	Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.1297
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.1297	Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.2796
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.2796	Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0630)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0630)	Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.1063)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.1063)	Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.0647)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.0647)	Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.5917)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.5917)	Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kW	0.1495
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kW	0.1495	Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kW	0.0105
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery (2012) – Effective until April 30, 2014	\$/kW	0.0105	Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0866)
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0866)	Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.3564)
Rate Rider for Tax Change – Effective until April 30, 2013	\$/kW	(0.0110)	Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015 Applicable only for Non-RPP Customers	\$/kW	0.1017
Retail Transmission Rate - Network Service Rate - (less than 1,000 kW)	\$/kW	2.7869	Retail Transmission Rate - Network Service Rate - (less than 1,000 kW)	\$/kW	2.8042
Retail Transmission Rate - Network Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	2.9601	Retail Transmission Rate - Network Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	2.9785
Retail Transmission Rate - Network Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	2.9563	Retail Transmission Rate - Network Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	2.9747
Retail Transmission Rate - Line and Transformation Connection Service Rate - (less than 1,000 kW)	\$/kW	0.8168	Retail Transmission Rate - Line and Transformation Connection Service Rate - (less than 1,000 kW)	\$/kW	0.8212
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	1.0203	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	1.0258
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	1.0191	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	1.0246
Wholesale Market Service Rate	\$/kWh	0.0052	Rate Rider for Tax Change - Effective until April 30, 2014	\$/kW	(0.0045)
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013	Wholesale Market Service Rate	\$/kWh	0.0052

Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011	Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
Large Use			Large Use		
Service Charge	\$	6,758.68	Service Charge	\$	6,818.16
Smart Meter Funding Adder – Effective until October 31, 2012	\$		Distribution Volumetric Rate	\$/kW	3.2622
Distribution Volumetric Rate	\$/kW	3.2337	Low Voltage Service Rate	\$/kW	0.0553
			Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.1620
Low Voltage Service Rate	\$/kW	0.0553	Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.3587
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.1620	Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0730)
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.3587	Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.3863)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0730)	Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.0980)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.3863)	Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.6300)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.0980)	Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0678)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.6300)	Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.4133)
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0678)	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2978
Rate Rider for Tax Change – Effective until April 30, 2013	\$/kW	(0.0079)	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.0293
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2774	Rate Rider for Tax Change - Effective until April 30, 2014	\$/kW	(0.0033)
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.0238	Wholesale Market Service Rate	\$/kWh	0.0052
Wholesale Market Service Rate	\$/kWh	0.0052	Rural Rate Protection Charge	\$/kWh	0.0011
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013	Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011			
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25			
Unmetered Scattered Load			Unmetered Scattered Load		
Service Charge (per connection)	\$	15.48	Service Charge (per connection)	\$	15.62
Distribution Volumetric Rate	\$/kWh	0.0192	Low Voltage Service Rate	\$/kWh	0.0001
			Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003
Low Voltage Service Rate	\$/kWh	0.0001	Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003	Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0007	Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)	Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	0.0007
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)	Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0035)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	0.0007	Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0048
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0035)	Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0015)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kWh	0.0048	Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kWh	(0.0008)
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0015)	Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015 Applicable only for Non-RPP Customers	\$/kWh	0.0002
Rate Rider for Tax Change – Effective until April 30, 2013	\$/kWh	(0.0002)	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021	Rate Rider for Tax Change - Effective until April 30, 2014	\$/kWh	(0.0001)
Wholesale Market Service Rate	\$/kWh	0.0052	Distribution Volumetric Rate	\$/kWh	#REF!
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013	Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011	Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
Street Lighting			Street Lighting		
Service Charge (per connection)	\$	0.33	Service Charge (per connection)	\$	0.33
Distribution Volumetric Rate	\$/kW	8.4131	Distribution Volumetric Rate	\$/kW	8.4871

Low Voltage Service Rate	\$/kW	0.0341	Low Voltage Service Rate	\$/kW	0.0341
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.1010	Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.1010
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0503)	Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0503)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(0.9707)	Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(0.9707)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	0.0286	Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	0.0286
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.6907)	Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.6907)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kW	0.2475	Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery – Effective until April 30, 2015	\$/kW	0.2475
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.1959)	Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.1959)
Rate Rider for Tax Change – Effective until April 30, 2013	\$/kW	(0.0229)	Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.2850)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1021	Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015 Applicable only for Non-RPP Customers	\$/kW	0.0814
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.6313	Retail Transmission Rate - Network Service Rate	\$/kW	2.1152
Wholesale Market Service Rate	\$/kWh	0.0052	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.6347
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013	Rate Rider for Tax Change - Effective until April 30, 2014	\$/kW	(0.0094)
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011	Wholesale Market Service Rate	\$/kWh	0.0052
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	Rural Rate Protection Charge	\$/kWh	0.0011
			Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
MicroFit			MicroFit		
Service Charge	\$	5.25	Service Charge	\$	5.25
Embedded Distributor			Embedded Distributor		
Distribution Volumetric Rate	\$/kW	0.0121	Distribution Volumetric Rate	\$/kW	0.0122
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.1297	Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.1297
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.2796	Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.2796
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0564)	Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0564)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.1063)	Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.1063)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.0647)	Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.0647)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.3966)	Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.3966)
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0002)	Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0002)
Wholesale Market Service Rate	\$/kWh	0.0052	Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.3192)
Rural Rate Protection Charge - effective until April 30, 2012	\$/kWh	0.0013	Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015 Applicable only for Non-RPP Customers	\$/kW	0.0911
Rural Rate Protection Charge - effective on and after May 1, 2012	\$/kWh	0.0011	Wholesale Market Service Rate	\$/kWh	0.0052
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	Rural Rate Protection Charge	\$/kWh	0.0011
			Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



3RD Generation Incentive Regulation Model for 2013 Filers

Waterloo North Hydro Inc.

The following is a complete Tariff Schedule based on the information entered in this model. Please review.
Note: This worksheet is **unlocked** and the print margins, row heights, number formats, etc. can be adjusted.

Waterloo North Hydro Inc. **TARIFF OF RATES AND CHARGES** **Effective and Implementation Date May 01, 2013**

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

EB-2012-0172

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	14.85
Distribution Volumetric Rate	\$/kWh	0.0188
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.0000)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0022)
Rate Rider for 2007 Revenue Adjustment Mechanism (Early Recovery) / Shared Savings Mechanism (Early Recovery) (2010) – Effective until April 30, 2015	\$/kWh	0.0002
Rate Rider for 2007 Revenue Adjustment Mechanism (Early Recovery) / Shared Savings Mechanism (Early Recovery) (2011) – Effective until April 30, 2014	\$/kWh	0.0001
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0007)

Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kWh	
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0023
Rate Rider for Smart Meter Interim Rate Recovery Requirement - In effect until the Effective date of the next cost of service application	\$	2.11
Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$	(0.30)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	31.23
Distribution Volumetric Rate	\$/kWh	0.0139
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.0000)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0018)
Rate Rider for Smart Meter Interim Rate Recovery Requirement - In effect until the Effective date of the next cost of service application	\$/kWh	0.0001
Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$/kWh	0.0001
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0004)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kWh	(0.0008)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021
Rate Rider for Smart Meter Interim Rate Recovery Requirement - In effect until the Effective date of the next cost of service application	\$	5.51
Rate Rider for Smart Meter Disposition - Effective until October 31, 2013	\$	7.06

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service. Note that for the application of the Retail Transmission Rate – Network Service Rate and the Retail Transmission Rate – Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered General Service 50 to 999 kW interval metered General Service 1,000 to 4,999 kW interval metered

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	116.68
Distribution Volumetric Rate	\$/kW	4.6301
Low Voltage Service Rate	\$/kW	0.0551
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1297
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.2796
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0630)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.1063)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.0647)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.5917)
Rate Rider for Debt Retirement Adjustment Mechanism (Global Recovery) / Shared Savings Mechanism (Global Recovery) Effective until April 30, 2015	\$/kW	0.1495
Rate Rider for Debt Retirement Adjustment Mechanism (Global Recovery) / Shared Savings Mechanism (Global Recovery) Effective until April 30, 2014	\$/kW	0.0105
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0866)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.3564)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kW	0.1017
Retail Transmission Rate - Network Service Rate - (less than 1,000 kW)	\$/kW	2.8042
Retail Transmission Rate - Network Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	2.9785
Retail Transmission Rate - Network Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	2.9747
Retail Transmission Rate - Line and Transformation Connection Service Rate - (less than 1,000 kW)	\$/kW	0.8212
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	1.0258
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	1.0246
Rate Rider for Tax Change - Effective until April 30, 2014	\$/kW	(0.0045)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,818.16
Distribution Volumetric Rate	\$/kW	3.2622
Low Voltage Service Rate	\$/kW	0.0553
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1620
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.3587
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0730)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.3863)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.0980)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.6300)
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0678)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.4133)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2978
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.0293
Rate Rider for Tax Change - Effective until April 30, 2014	\$/kW	(0.0033)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 150 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	15.62
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	0.0007
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0035)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) – Effective until April 30, 2015	\$/kWh	0.0048
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kWh	(0.0015)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kWh	(0.0008)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021
Rate Rider for Tax Change - Effective until April 30, 2014	\$/kWh	(0.0001)
Distribution Volumetric Rate	\$/kWh	#REF!

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.33
Distribution Volumetric Rate	\$/kW	8.4871
Low Voltage Service Rate	\$/kW	0.0341
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1010

Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0503)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(0.9707)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	0.0286
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.6907)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2015	\$/kW	0.2475
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.1959)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.2850)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kW	0.0814
Retail Transmission Rate - Network Service Rate	\$/kW	2.1152
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.6347
Rate Rider for Tax Change - Effective until April 30, 2014	\$/kW	(0.0094)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

MICROFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.25
----------------	----	------

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Board that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Distribution Volumetric Rate	\$/kW	0.0122
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1297
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.2796
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0564)
Rate Rider for Deferral/Variance Account Disposition (2010) – Effective until April 30, 2014	\$/kW	(1.1063)
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kW	(0.0647)
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.3966)
Rate Rider for Capital Gain – Effective until April 30, 2014	\$/kW	(0.0002)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until May 01, 2015	\$/kW	(0.3192)
Rate Rider for Global Adjustment Sub-Account Disposition (2013) - effective until May 01, 2015		
Applicable only for Non-RPP Customers	\$/kW	0.0911

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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)

SPECIFIC SERVICE CHARGES**APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Customer Administration

Easement letter	\$	15.00
Notification charge	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Income tax letter	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	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
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

RETAIL SERVICE CHARGES (if applicable)

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

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

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

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0404
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0150
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0300
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0050



3RD Generation Incentive Regulation Model for 2013 Filers

Waterloo North Hydro Inc.

Choose a Rate Class from the drop-down menu below and click **UPDATE**.

For Street Lighting and USL classes, please ensure that the number of customers is manually entered into cells B30 and B31.
Click the **UPDATE** button to refresh the sheet.

Residential

Consumption 800 kWh
RPP Tier One 600 kWh
Load Factor
Loss Factor 1.0404

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)		0.0750	0.00	0.00	0.0750	0.00	0.00	0.00%	0.00%	
Energy Second Tier (kWh)	79.75	0.0880	7.02	79.75	0.0880	7.02	0.00	0.00%	25.82%	
TOU - Off Peak	532.68	0.0650	34.62	532.68	0.0650	34.62	0.00	0.00%		130.24%
TOU - Mid Peak	149.82	0.1000	14.98	149.82	0.1000	14.98	0.00	0.00%		56.36%
TOU - On Peak	149.82	0.1170	17.53	149.82	0.1170	17.53	0.00	0.00%		65.94%
Service Charge	1	14.72	14.72	1	14.85	14.85	0.13	0.88%	54.63%	55.86%
Service Charge Rate Rider(s)	1	1.81	1.81	1	1.81	1.81	0.00	0.00%	6.66%	6.81%
Distribution Volumetric Rate	77	0.0186	1.43	77	0.0188	1.44	0.02	1.08%	5.30%	5.42%
Low Voltage Volumetric Rate	77	0.0001	0.01	77	0.0001	0.01	0.00	0.00%	0.03%	0.03%
Distribution Volumetric Rate Rider(s)	77	(0.0054)	(0.42)	77	(0.0061)	(0.47)	(0.05)	12.89%	-1.73%	-1.77%
Total: Distribution			17.55			17.64	0.09	0.51%	64.89%	66.35%

Attachment B

Tax Sharing Model



Version 1.0

Utility Name	Waterloo North Hydro Inc.
Assigned EB Number	EB-2012-0172
Name and Title	Albert P. Singh
Phone Number	519-888-5542
Email Address	asingh@wnhydro.com
Date	September 13, 2012
Last COS Re-based Year	2011

Note: Drop-down lists are shaded blue; Input cells are shaded green.

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While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



3RD Generation Incentive Regulation Shared Tax Savings Model for 2013 Filers

- 1. Info**
- 2. Table of Contents**
- 3. Re-Based Billing Determinants and Rates**
- 4. Re-Based Revenue from Rates**
- 5. Z-Factor Tax Changes**
- 6. Calculation of Tax Change Variable Rate Rider**



3RD Generation Incentive Regulation Shared Tax Savings Model for 2013 Filers

Enter your 2012 Base Monthly Fixed Charge and Distribution Volumetric Charge into columns labeled "Rate ReBal Base Service Charge" and "Rate ReBal Base Distribution Volumetric Rate kWh/kW" respectively.

Last COS Re-based Year was in 2011

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Rate ReBal Base Service Charge D	Rate ReBal Base Distribution Volumetric Rate kWh E	Rate ReBal Base Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	46,238	393,848,054		14.72	0.0186	
GSLT50	General Service Less Than 50 kW	Customer	kWh	5,428	179,687,810		30.96	0.0138	
GSGT50	General Service 50 to 999 kW	Customer	kW	667	705,732,689	1,581,207	139.45		4.4733
LU	Large Use > 5000 kW	Customer	kW	1	79,638,262	153,852	6,758.68		3.2337
SL	Street Lighting	Connection	kW	13,259	7,792,006	21,835	0.33		8.4131
USL	Unmetered Scattered Load	Connection	kWh	547	1,648,666		15.48	0.0192	
EMB	Embedded Distributor	Connection	kW	1	28,618,000	71,600			0.0121
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						

3RD Generation Incentive Regulation Shared Tax Savings Model for 2013 Filers

Calculating Re-Based Revenue from rates. No input required.

Last COS Re-based Year was in 2011

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Rate ReBal Base Service Charge D	Rate ReBal Base Distribution Volumetric Rate kWh E	Rate ReBal Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I
Residential	46,238	393,848,054	0	14.72	0.0186	0.0000	8,167,480	7,325,574	0	15,493,054
General Service Less Than 50 kW	5,428	179,687,810	0	30.96	0.0138	0.0000	2,016,442	2,479,692	0	4,496,134
General Service 50 to 999 kW	667	705,732,689	1,581,207	139.45	0.0000	4.4733	1,115,561	0	7,073,211	8,188,772
Large Use > 5000 kW	1	79,638,262	153,852	6,758.68	0.0000	3.2337	81,104	0	497,511	578,615
Street Lighting	13,259	7,792,006	21,835	0.33	0.0000	8.4131	52,506	0	183,702	236,209
Unmetered Scattered Load	547	1,648,666	0	15.48	0.0192	0.0000	101,615	31,654	0	133,269
Embedded Distributor	1	28,618,000	71,600	0.00	0.0000	0.0121	0	0	866	866
							11,534,709	9,836,920	7,755,290	29,126,919



3RD Generation Incentive Regulation Shared Tax Savings Model for 2013 Filers

This worksheet calculates the tax sharing amount.

Step 1: Press the Update Button (this will clear all input cells and reveal your latest cost of service re-basing year).

Step 2: In the green input cells below, please enter the information related to the last Cost of Service Filing.

Summary - Sharing of Tax Change Forecast Amounts

For the 2011 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

\$ 136,997

1. Tax Related Amounts Forecast from Capital Tax Rate Changes

Taxable Capital

2011

2013

\$ -

\$ -

Deduction from taxable capital up to \$15,000,000

\$ -

\$ -

Net Taxable Capital

\$ -

\$ -

Rate

0.000%

0.000%

Ontario Capital Tax (Deductible, not grossed-up)

\$ -

\$ -

2. Tax Related Amounts Forecast from Income Tax Rate Changes

Regulatory Taxable Income

2011

2013

\$ 3,183,170

\$ 3,183,170

Corporate Tax Rate

24.12%

26.50%

Tax Impact

\$ 767,786

\$ 706,543

Grossed-up Tax Amount

\$ 1,011,845

\$ 961,283

Tax Related Amounts Forecast from Capital Tax Rate Changes

\$ -

\$ -

Tax Related Amounts Forecast from Income Tax Rate Changes

\$ 1,011,845

\$ 961,283

Total Tax Related Amounts

\$ 1,011,845

\$ 961,283

Incremental Tax Savings

-\$ 50,562

Sharing of Tax Savings (50%)

-\$ 25,281



3RD Generation Incentive Regulation Shared Tax Savings Model for 2013 Filers

This worksheet calculates a tax change volumetric rate rider. No input required. The outputs in column Q and S are to be entered into Sheet 11 "Proposed Rates" of the 2013 IRM Rate Generator Model. Rate description should be entered as "Rate Rider for Tax Change".

Rate Class	Total Revenue \$ by Rate Class A	Total Revenue % by Rate Class B = A / \$H	Total Z-Factor Tax Change\$ by Rate Class C = \$I * B	Billed kWh D	Billed kW E	Distribution Volumetric Rate kWh Rate Rider F = C / D	Distribution Volumetric Rate kW Rate Rider G = C / E
Residential	\$15,493,054.1182	53.19%	-\$13,447	393,848,054	0	\$0.0000	
General Service Less Than 50 kW	\$4,496,134	15.44%	-\$3,902	179,687,810	0	\$0.0000	
General Service 50 to 999 kW	\$8,188,772	28.11%	-\$7,107	705,732,689	1,581,207		-\$0.0045
Large Use > 5000 kW	\$578,615	1.99%	-\$502	79,638,262	153,852		-\$0.0033
Street Lighting	\$236,209	0.81%	-\$205	7,792,006	21,835		-\$0.0094
Unmetered Scattered Load	\$133,269	0.46%	-\$116	1,648,666	0	-\$0.0001	
Embedded Distributor	\$866	0.00%	-\$1	28,618,000	71,600		\$0.0000
	<u>\$29,126,919</u> H	<u>100.00%</u>	<u>-\$25,281</u> I				

Attachment C

RTSR Model



v 3.0

RTSR Workform for Electricity Distributors (2013 Filers)

Utility Name	Waterloo North Hydro Inc.
Assigned EB Number	EB-2012-0172
Name and Title	Albert P. Singh, Vice President Finance & CFO
Phone Number	519-888-5542
Email Address	asingh@wnhydro.com
Date	September 13, 2012
Last COS Re-based Year	2011

Note: Drop-down lists are shaded blue; Input cells are shaded green.

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RTSR Workform for Electricity Distributors (2013 Filers)

[1. Info](#)

[2. Table of Contents](#)

[3. Rate Classes](#)

[4. RRR Data](#)

[5. UTRs and Sub-Transmission](#)

[6. Historical Wholesale](#)

[7. Current Wholesale](#)

[8. Forecast Wholesale](#)

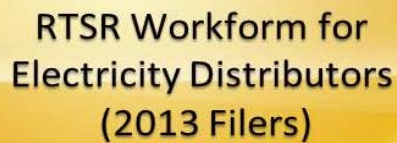
[9. Adj Network to Current WS](#)

[10. Adj Conn. to Current WS](#)

[11. Adj Network to Forecast WS](#)

[12. Adj Conn. to Forecast WS](#)

[13. Final 2013 RTS Rates](#)



- [illegible]



RTSR Workform for Electricity Distributors (2013 Filers)

In the green shaded cells, enter the most recent reported RRR billing determinants. Please ensure that billing determinants are non-loss adjusted.

Rate Class	Unit	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Load Factor	Loss Adjusted Billed kWh	Billed kW
Residential	kWh	393,848,054		1.0404		409,759,515	-
General Service Less Than 50 kW	kWh	179,687,810		1.0404		186,947,198	-
General Service 50 to 999 kW	kW	141,818,044	405,419		47.94%	141,818,044	405,419
General Service 50 to 999 kW - Interval Metered	kW	314,724,309	719,366		59.96%	314,724,309	719,366
General Service 1,000 to 4,999 kW - Interval Meters	kW	249,190,336	456,422		74.83%	249,190,336	456,422
Large Use	kW	79,638,262	153,852		70.95%	79,638,262	153,852
Unmetered Scattered Load	kWh	1,648,666		1.0404		1,715,272	-
Street Lighting	kW	7,792,006	21,835		48.91%	7,792,006	21,835
Embedded Distributor	kW	28,618,000	71,600		54.78%	28,618,000	71,600



RTSR Workform for Electricity Distributors (2013 Filers)

Uniform Transmission Rates

	Unit	Effective January 1, 2011	Effective January 1, 2012	Effective January 1, 2013
Rate Description		Rate	Rate	Rate
Network Service Rate	kW	\$ 3.22	\$ 3.57	\$ 3.57
Line Connection Service Rate	kW	\$ 0.79	\$ 0.80	\$ 0.80
Transformation Connection Service Rate	kW	\$ 1.77	\$ 1.86	\$ 1.86

Hydro One Sub-Transmission Rates

	Unit	Effective January 1, 2011	Effective January 1, 2012	Effective January 1, 2013
Rate Description		Rate	Rate	Rate
Network Service Rate	kW	\$ 2.65	\$ 2.65	\$ 2.65
Line Connection Service Rate	kW	\$ 0.64	\$ 0.64	\$ 0.64
Transformation Connection Service Rate	kW	\$ 1.50	\$ 1.50	\$ 1.50
Both Line and Transformation Connection Service Rate	kW	\$ 2.14	\$ 2.14	\$ 2.14

Hydro One Sub-Transmission Rate Rider 6A

	Unit	Effective January 1, 2011	Effective January 1, 2012	Effective January 1, 2013
Rate Description		Rate	Rate	Rate
RSVA Transmission network - 4714 - which affects 1584	kW	\$ 0.0470	\$ -	\$ -
RSVA Transmission connection - 4716 - which affects 1586	kW	-\$ 0.0250	\$ -	\$ -
RSVA LV - 4750 - which affects 1550	kW	\$ 0.0580	\$ -	\$ -
RARA 1 - 2252 - which affects 1590	kW	-\$ 0.0750	\$ -	\$ -
Hydro One Sub-Transmission Rate Rider 6A	kW	<u>\$ 0.0050</u>	<u>\$ -</u>	<u>\$ -</u>

KITCHENER-WILMOT HYDRO

	Unit	Effective January 1, 2011	Effective January 1, 2012	Effective January 1, 2013
Rate Description		Rate *	Rate *	Rate *
Network Service Rate	kW	\$ 2.2864	\$ 2.8776	\$ 2.8776
Line Connection Service Rate	kW	\$ 0.6044	\$ 0.6871	\$ 0.6871
Transformation Connection Service Rate	kW	\$ -	\$ -	\$ -

CAMBRIDGE & N. DUMFRIES HYDRO

	Unit	Effective January 1, 2011	Effective January 1, 2012	Effective January 1, 2013
Rate Description		Rate *	Rate *	Rate *
Network Service Rate	kW	\$ 2.1470	\$ 2.5882	\$ 2.5882
Line Connection Service Rate	kW	\$ 1.5897	\$ 1.7677	\$ 1.7677
Transformation Connection Service Rate	kW	\$ -	\$ -	\$ -

* Effective May 1st of each year - 2012 - Kitchener EB-2011-0179; Cambridge EB-2011-0156



RTSR Workform for Electricity Distributors (2013 Filers)

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "4. (RRR Data)". For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the line connection and transformer connection columns are completed.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	221,733	\$3.22	\$ 713,980	221,583	\$0.79	\$ 175,051	31,950	\$1.77	\$ 56,551	\$ 231,602
February	216,203	\$3.22	\$ 696,173	216,841	\$0.79	\$ 171,305	31,750	\$1.77	\$ 56,197	\$ 227,502
March	216,584	\$3.22	\$ 697,402	216,438	\$0.79	\$ 170,986	31,840	\$1.77	\$ 56,357	\$ 227,343
April	183,466	\$3.22	\$ 590,760	200,081	\$0.79	\$ 158,064	28,556	\$1.77	\$ 50,544	\$ 208,608
May	187,322	\$3.22	\$ 603,176	196,007	\$0.79	\$ 154,845	25,563	\$1.77	\$ 45,247	\$ 200,092
June	243,544	\$3.22	\$ 784,210	245,280	\$0.79	\$ 193,771	30,367	\$1.77	\$ 53,749	\$ 247,520
July	199,857	\$3.22	\$ 643,541	207,879	\$0.79	\$ 164,224	26,835	\$1.77	\$ 47,499	\$ 211,723
August	242,803	\$3.22	\$ 781,825	250,972	\$0.79	\$ 198,268	29,319	\$1.77	\$ 51,894	\$ 250,162
September	202,316	\$3.22	\$ 651,457	214,833	\$0.79	\$ 169,718	27,431	\$1.77	\$ 48,553	\$ 218,271
October	194,359	\$3.22	\$ 625,836	202,064	\$0.79	\$ 159,631	28,391	\$1.77	\$ 50,252	\$ 209,883
November	207,820	\$3.22	\$ 669,181	213,770	\$0.79	\$ 168,879	30,727	\$1.77	\$ 54,386	\$ 223,285
December	220,776	\$3.22	\$ 710,897	223,215	\$0.79	\$ 176,339	32,206	\$1.77	\$ 57,005	\$ 233,344
Total	2,536,782	\$ 3.22	\$ 8,168,437	2,608,964	\$ 0.79	\$ 2,061,081	354,934	\$ 1.77	\$ 628,234	\$ 2,689,315

HYDRO ONE	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,910	\$2.697	\$ 15,939	5,906	\$0.615	\$ 3,632	5,870	\$1.50	\$ 8,805	\$ 12,437
February	5,507	\$2.697	\$ 14,851	5,758	\$0.615	\$ 3,541	5,724	\$1.50	\$ 8,585	\$ 12,127
March	5,138	\$2.697	\$ 13,858	5,135	\$0.615	\$ 3,158	5,104	\$1.50	\$ 7,656	\$ 10,814
April	4,763	\$2.697	\$ 12,845	4,759	\$0.615	\$ 2,927	4,731	\$1.50	\$ 7,096	\$ 10,023
May	4,062	\$2.697	\$ 10,955	4,059	\$0.615	\$ 2,496	4,035	\$1.50	\$ 6,052	\$ 8,549
June	5,464	\$2.697	\$ 14,738	5,463	\$0.615	\$ 3,360	5,430	\$1.50	\$ 8,145	\$ 11,505
July	5,311	\$2.697	\$ 14,323	5,307	\$0.615	\$ 3,264	5,275	\$1.50	\$ 7,913	\$ 11,176
August	5,554	\$2.697	\$ 14,978	5,550	\$0.615	\$ 3,413	5,517	\$1.50	\$ 8,275	\$ 11,688
September	4,349	\$2.697	\$ 11,730	4,381	\$0.615	\$ 2,694	4,355	\$1.50	\$ 6,532	\$ 9,227
October	4,656	\$2.697	\$ 12,557	4,653	\$0.615	\$ 2,862	4,625	\$1.50	\$ 6,937	\$ 9,799
November	5,336	\$2.697	\$ 14,392	5,333	\$0.615	\$ 3,280	5,301	\$1.50	\$ 7,951	\$ 11,230
December	6,032	\$2.697	\$ 16,268	6,028	\$0.615	\$ 3,707	5,992	\$1.50	\$ 8,987	\$ 12,694
Total	62,081	\$ 2.70	\$ 167,434	62,332	\$ 0.62	\$ 38,334	61,957	\$ 1.50	\$ 92,935	\$ 131,269

KITCHENER-WILMOT HYDRO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,110	\$2.2864	\$ 11,684	5,107	\$0.6044	\$ 3,087		\$0.00		\$ 3,087
February	4,893	\$2.2864	\$ 11,188	4,891	\$0.6044	\$ 2,956		\$0.00		\$ 2,956
March	4,776	\$2.2864	\$ 10,920	4,919	\$0.6044	\$ 2,973		\$0.00		\$ 2,973
April	3,981	\$2.2864	\$ 9,101	3,978	\$0.6044	\$ 2,404		\$0.00		\$ 2,404
May	3,611	\$2.2864	\$ 8,256	3,609	\$0.6044	\$ 2,181		\$0.00		\$ 2,181
June	4,899	\$2.2864	\$ 11,201	4,896	\$0.6044	\$ 2,959		\$0.00		\$ 2,959
July	4,178	\$2.2864	\$ 9,553	4,175	\$0.6044	\$ 2,523		\$0.00		\$ 2,523
August	4,361	\$2.2864	\$ 9,972	4,359	\$0.6044	\$ 2,634		\$0.00		\$ 2,634
September	3,068	\$2.2864	\$ 7,015	3,067	\$0.6044	\$ 1,854		\$0.00		\$ 1,854
October	3,360	\$2.2864	\$ 7,681	3,357	\$0.6044	\$ 2,029		\$0.00		\$ 2,029
November	3,718	\$2.2864	\$ 8,500	3,961	\$0.6044	\$ 2,394		\$0.00		\$ 2,394
December	4,867	\$2.2864	\$ 11,128	4,864	\$0.6044	\$ 2,940		\$0.00		\$ 2,940
Total	50,823	\$ 2.29	\$ 116,201	51,182	\$ 0.60	\$ 30,934	-	\$ -	\$ -	\$ 30,934

CAMBRIDGE & N. DUMFRIES HYDRO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	7,230	\$2.1470	\$ 15,523	7,225	\$1.5897	\$ 11,486		\$0.00		\$ 11,486
February	7,098	\$2.1470	\$ 15,239	7,093	\$1.5897	\$ 11,276		\$0.00		\$ 11,276
March	7,106	\$2.1470	\$ 15,257	7,101	\$1.5897	\$ 11,289		\$0.00		\$ 11,289
April	6,611	\$2.1470	\$ 14,193	6,606	\$1.5897	\$ 10,502		\$0.00		\$ 10,502
May	5,970	\$2.1470	\$ 12,818	5,966	\$1.5897	\$ 9,485		\$0.00		\$ 9,485
June	6,552	\$2.1470	\$ 14,067	6,548	\$1.5897	\$ 10,409		\$0.00		\$ 10,409
July	6,076	\$2.1470	\$ 13,045	6,072	\$1.5897	\$ 9,652		\$0.00		\$ 9,652
August	7,029	\$2.1470	\$ 15,092	7,024	\$1.5897	\$ 11,167		\$0.00		\$ 11,167
September	6,311	\$2.1470	\$ 13,550	6,307	\$1.5897	\$ 10,026		\$0.00		\$ 10,026
October	6,421	\$2.1470	\$ 13,785	6,416	\$1.5897	\$ 10,200		\$0.00		\$ 10,200
November	6,452	\$2.1470	\$ 13,851	6,447	\$1.5897	\$ 10,249		\$0.00		\$ 10,249
December	7,111	\$2.1470	\$ 15,268	7,106	\$1.5897	\$ 11,297		\$0.00		\$ 11,297
Total	79,967	\$ 2.15	\$ 171,689	79,913	\$ 1.59	\$ 127,037	-	\$ -	\$ -	\$ 127,037

TOTAL	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	239,983	\$3.15	\$ 757,126	239,821	\$0.81	\$ 193,256	37,820	\$1.73	\$ 65,356	\$ 258,612
February	233,700	\$3.16	\$ 737,451	234,583	\$0.81	\$ 189,078	37,473	\$1.73	\$ 64,782	\$ 253,860
March	233,605	\$3.16	\$ 737,436	233,593	\$0.81	\$ 188,406	36,944	\$1.73	\$ 64,013	\$ 252,419
April	198,820	\$3.15	\$ 626,899	215,425	\$0.81	\$ 173,897	33,287	\$1.73	\$ 57,640	\$ 231,538
May	200,965	\$3.16	\$ 635,205	209,641	\$0.81	\$ 169,007	29,598	\$1.73	\$ 51,299	\$ 220,306
June	260,459	\$3.16	\$ 824,216	262,186	\$0.80	\$ 210,499	35,797	\$1.73	\$ 61,894	\$ 272,393
July	215,422	\$3.16	\$ 680,461	223,433	\$0.80	\$ 179,664	32,111	\$1.73	\$ 55,411	\$ 235,076
August	259,747	\$3.16	\$ 821,867	267,905	\$0.80	\$ 215,482	34,835	\$1.73	\$ 60,169	\$ 275,651
September	216,044	\$3.16	\$ 683,751	228,588	\$0.81	\$ 184,292	31,786	\$1.73	\$ 55,085	\$ 239,377
October	208,795	\$3.16	\$ 659,860	216,491	\$0.81	\$ 174,722	33,016	\$1.73	\$ 57,189	\$ 231,911
November	223,326	\$3.16	\$ 705,925	229,511	\$0.81	\$ 184,801	36,027	\$1.73	\$ 62,337	\$ 247,138
December	238,786	\$3.16	\$ 753,562	241,213	\$0.81	\$ 194,283	38,198	\$1.73	\$ 65,992	\$ 260,276
Total	2,729,653	\$ 3.16	\$ 8,623,760	2,802,390	\$ 0.81	\$ 2,257,387	416,891	\$ 1.73	\$ 721,169	\$ 2,978,556



RTSR Workform for Electricity Distributors (2013 Filers)

The purpose of this sheet is to calculate the expected billing when current 2012 Uniform Transmission Rates are applied against historical 2011 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	221,733	\$3.57	\$ 791,586	221,583	\$0.80	\$ 177,267	31,950	\$1.86	\$ 59,427	\$ 236,693
February	216,203	\$3.57	\$ 771,843	216,841	\$0.80	\$ 173,473	31,750	\$1.86	\$ 59,055	\$ 232,528
March	216,584	\$3.57	\$ 773,206	216,438	\$0.80	\$ 173,151	31,840	\$1.86	\$ 59,222	\$ 232,373
April	183,466	\$3.57	\$ 654,973	200,081	\$0.80	\$ 160,065	28,556	\$1.86	\$ 53,114	\$ 213,179
May	187,322	\$3.57	\$ 668,738	196,007	\$0.80	\$ 156,805	25,563	\$1.86	\$ 47,547	\$ 204,353
June	243,544	\$3.57	\$ 869,451	245,280	\$0.80	\$ 196,224	30,367	\$1.86	\$ 56,482	\$ 252,706
July	199,857	\$3.57	\$ 713,491	207,879	\$0.80	\$ 166,303	26,835	\$1.86	\$ 49,914	\$ 216,217
August	242,803	\$3.57	\$ 866,806	250,972	\$0.80	\$ 200,777	29,319	\$1.86	\$ 54,533	\$ 255,310
September	202,316	\$3.57	\$ 722,267	214,833	\$0.80	\$ 171,866	27,431	\$1.86	\$ 51,022	\$ 222,888
October	194,359	\$3.57	\$ 693,862	202,064	\$0.80	\$ 161,652	28,391	\$1.86	\$ 52,807	\$ 214,459
November	207,820	\$3.57	\$ 741,918	213,770	\$0.80	\$ 171,016	30,727	\$1.86	\$ 57,151	\$ 228,168
December	220,776	\$3.57	\$ 788,169	223,215	\$0.80	\$ 178,572	32,206	\$1.86	\$ 59,903	\$ 238,475
Total	2,536,782	\$ 3.57	\$ 9,056,311	2,608,964	\$ 0.80	\$ 2,087,171	354,934	\$ 1.86	\$ 660,178	\$ 2,747,349

HYDRO ONE	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,910	\$2.650	\$ 15,661	5,906	\$0.640	\$ 3,780	5,870	\$1.50	\$ 8,805	\$ 12,585
February	5,507	\$2.650	\$ 14,592	5,758	\$0.640	\$ 3,685	5,724	\$1.50	\$ 8,585	\$ 12,271
March	5,138	\$2.650	\$ 13,616	5,135	\$0.640	\$ 3,286	5,104	\$1.50	\$ 7,656	\$ 10,942
April	4,763	\$2.650	\$ 12,621	4,759	\$0.640	\$ 3,046	4,731	\$1.50	\$ 7,096	\$ 10,142
May	4,062	\$2.650	\$ 10,764	4,059	\$0.640	\$ 2,598	4,035	\$1.50	\$ 6,052	\$ 8,650
June	5,464	\$2.650	\$ 14,481	5,463	\$0.640	\$ 3,496	5,430	\$1.50	\$ 8,145	\$ 11,641
July	5,311	\$2.650	\$ 14,073	5,307	\$0.640	\$ 3,396	5,275	\$1.50	\$ 7,913	\$ 11,309
August	5,554	\$2.650	\$ 14,717	5,550	\$0.640	\$ 3,552	5,517	\$1.50	\$ 8,275	\$ 11,827
September	4,349	\$2.650	\$ 11,525	4,381	\$0.640	\$ 2,804	4,355	\$1.50	\$ 6,532	\$ 9,336
October	4,656	\$2.650	\$ 12,338	4,653	\$0.640	\$ 2,978	4,625	\$1.50	\$ 6,937	\$ 9,915
November	5,336	\$2.650	\$ 14,141	5,333	\$0.640	\$ 3,413	5,301	\$1.50	\$ 7,951	\$ 11,364
December	6,032	\$2.650	\$ 15,984	6,028	\$0.640	\$ 3,858	5,992	\$1.50	\$ 8,987	\$ 12,845
Total	62,081	\$ 2.65	\$ 164,516	62,332	\$ 0.64	\$ 39,892	61,957	\$ 1.50	\$ 92,935	\$ 132,828

KITCHENER-WILMOT HYDRO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,110	\$2.2864	\$ 11,684	5,107	\$0.6044	\$ 3,087		\$0.00		\$ 3,087
February	4,893	\$2.2864	\$ 11,188	4,891	\$0.6044	\$ 2,956		\$0.00		\$ 2,956
March	4,776	\$2.2864	\$ 10,920	4,919	\$0.6044	\$ 2,973		\$0.00		\$ 2,973
April	3,981	\$2.2864	\$ 9,101	3,978	\$0.6044	\$ 2,404		\$0.00		\$ 2,404
May	3,611	\$2.8776	\$ 10,391	3,609	\$0.6871	\$ 2,479		\$0.00		\$ 2,479
June	4,899	\$2.8776	\$ 14,097	4,896	\$0.6871	\$ 3,364		\$0.00		\$ 3,364
July	4,178	\$2.8776	\$ 12,023	4,175	\$0.6871	\$ 2,869		\$0.00		\$ 2,869
August	4,361	\$2.8776	\$ 12,551	4,359	\$0.6871	\$ 2,995		\$0.00		\$ 2,995
September	3,068	\$2.8776	\$ 8,829	3,067	\$0.6871	\$ 2,108		\$0.00		\$ 2,108
October	3,360	\$2.8776	\$ 9,668	3,357	\$0.6871	\$ 2,307		\$0.00		\$ 2,307
November	3,718	\$2.8776	\$ 10,698	3,961	\$0.6871	\$ 2,722		\$0.00		\$ 2,722
December	4,867	\$2.8776	\$ 14,006	4,864	\$0.6871	\$ 3,342		\$0.00		\$ 3,342
Total	50,823	\$ 2.66	\$ 135,156	51,182	\$ 0.66	\$ 33,604	-	\$ -	\$ -	\$ 33,604

CAMBRIDGE & N. DUMFRIES HYDRO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	7,230	\$2.1470	\$ 15,523	7,225	\$1.5897	\$ 11,486		\$0.00		\$ 11,486
February	7,098	\$2.1470	\$ 15,239	7,093	\$1.5897	\$ 11,276		\$0.00		\$ 11,276
March	7,106	\$2.1470	\$ 15,257	7,101	\$1.5897	\$ 11,289		\$0.00		\$ 11,289
April	6,611	\$2.1470	\$ 14,193	6,606	\$1.5897	\$ 10,502		\$0.00		\$ 10,502
May	5,970	\$2.5882	\$ 15,452	5,966	\$1.7677	\$ 10,547		\$0.00		\$ 10,547
June	6,552	\$2.5882	\$ 16,958	6,548	\$1.7677	\$ 11,574		\$0.00		\$ 11,574
July	6,076	\$2.5882	\$ 15,726	6,072	\$1.7677	\$ 10,733		\$0.00		\$ 10,733
August	7,029	\$2.5882	\$ 18,193	7,024	\$1.7677	\$ 12,417		\$0.00		\$ 12,417
September	6,311	\$2.5882	\$ 16,334	6,307	\$1.7677	\$ 11,148		\$0.00		\$ 11,148
October	6,421	\$2.5882	\$ 16,618	6,416	\$1.7677	\$ 11,342		\$0.00		\$ 11,342
November	6,452	\$2.5882	\$ 16,698	6,447	\$1.7677	\$ 11,397		\$0.00		\$ 11,397
December	7,111	\$2.5882	\$ 18,405	7,106	\$1.7677	\$ 12,562		\$0.00		\$ 12,562
Total	79,967	\$ 2.43	\$ 194,597	79,913	\$ 1.71	\$ 136,273	-	\$ -	\$ -	\$ 136,273

TOTAL	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	239,983	\$3.48	\$ 834,454	239,821	\$0.82	\$ 195,619	37,820	\$1.80	\$ 68,232	\$ 263,851
February	233,700	\$3.48	\$ 812,863	234,583	\$0.82	\$ 191,390	37,473	\$1.81	\$ 67,640	\$ 259,030
March	233,605	\$3.48	\$ 812,999	233,593	\$0.82	\$ 190,699	36,944	\$1.81	\$ 66,878	\$ 257,577
April	198,820	\$3.47	\$ 690,889	215,425	\$0.82	\$ 176,017	33,287	\$1.81	\$ 60,210	\$ 236,228
May	200,965	\$3.51	\$ 705,346	209,641	\$0.82	\$ 172,429	29,598	\$1.81	\$ 53,600	\$ 226,029
June	260,459	\$3.51	\$ 914,987	262,186	\$0.82	\$ 214,659	35,797	\$1.81	\$ 64,627	\$ 279,286
July	215,422	\$3.51	\$ 755,312	223,433	\$0.82	\$ 183,302	32,111	\$1.80	\$ 57,827	\$ 241,128
August	259,747	\$3.51	\$ 912,267	267,905	\$0.82	\$ 219,741	34,835	\$1.80	\$ 62,808	\$ 282,549
September	216,044	\$3.51	\$ 758,956	228,588	\$0.82	\$ 187,926	31,786	\$1.81	\$ 57,554	\$ 245,480
October	208,795	\$3.51	\$ 732,486	216,491	\$0.82	\$ 178,278	33,016	\$1.81	\$ 59,744	\$ 238,023
November	223,326	\$3.51	\$ 783,455	229,511	\$0.82	\$ 188,547	36,027	\$1.81	\$ 65,102	\$ 253,650
December	238,786	\$3.50	\$ 836,564	241,213	\$0.82	\$ 198,334	38,198	\$1.80	\$ 68,891	\$ 267,224
Total	2,729,653	\$ 3.50	\$ 9,550,579	2,802,390	\$ 0.82	\$ 2,296,941	416,891	\$ 1.81	\$ 753,113	\$ 3,050,054



RTSR Workform for Electricity Distributors (2013 Filers)

The purpose of this sheet is to calculate the expected billing when forecasted 2013 Uniform Transmission Rates are applied against historical 2011 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	221,733	\$3.57	\$ 791,586	221,583	\$0.80	\$ 177,267	31,950	\$1.86	\$ 59,427	\$ 236,693
February	216,203	\$3.57	\$ 771,843	216,841	\$0.80	\$ 173,473	31,750	\$1.86	\$ 59,055	\$ 232,528
March	216,584	\$3.57	\$ 773,206	216,438	\$0.80	\$ 173,151	31,840	\$1.86	\$ 59,222	\$ 232,373
April	183,466	\$3.57	\$ 654,973	200,081	\$0.80	\$ 160,065	28,556	\$1.86	\$ 53,114	\$ 213,179
May	187,322	\$3.57	\$ 668,738	196,007	\$0.80	\$ 156,805	25,563	\$1.86	\$ 47,547	\$ 204,353
June	243,544	\$3.57	\$ 869,451	245,280	\$0.80	\$ 196,224	30,367	\$1.86	\$ 56,482	\$ 252,706
July	199,857	\$3.57	\$ 713,491	207,879	\$0.80	\$ 166,303	26,835	\$1.86	\$ 49,914	\$ 216,217
August	242,803	\$3.57	\$ 866,806	250,972	\$0.80	\$ 200,777	29,319	\$1.86	\$ 54,533	\$ 255,310
September	202,316	\$3.57	\$ 722,267	214,833	\$0.80	\$ 171,866	27,431	\$1.86	\$ 51,022	\$ 222,888
October	194,359	\$3.57	\$ 693,862	202,064	\$0.80	\$ 161,652	28,391	\$1.86	\$ 52,807	\$ 214,459
November	207,820	\$3.57	\$ 741,918	213,770	\$0.80	\$ 171,016	30,727	\$1.86	\$ 57,151	\$ 228,168
December	220,776	\$3.57	\$ 788,169	223,215	\$0.80	\$ 178,572	32,206	\$1.86	\$ 59,903	\$ 238,475
Total	2,536,782	\$ 3.57	\$ 9,056,311	2,608,964	\$ 0.80	\$ 2,087,171	354,934	\$ 1.86	\$ 660,178	\$ 2,747,349

HYDRO ONE	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,910	\$2.65	\$ 15,661	5,906	\$0.64	\$ 3,780	5,870	\$1.50	\$ 8,805	\$ 12,585
February	5,507	\$2.65	\$ 14,592	5,758	\$0.64	\$ 3,685	5,724	\$1.50	\$ 8,585	\$ 12,271
March	5,138	\$2.65	\$ 13,616	5,135	\$0.64	\$ 3,286	5,104	\$1.50	\$ 7,656	\$ 10,942
April	4,763	\$2.65	\$ 12,621	4,759	\$0.64	\$ 3,046	4,731	\$1.50	\$ 7,096	\$ 10,142
May	4,062	\$2.65	\$ 10,764	4,059	\$0.64	\$ 2,598	4,035	\$1.50	\$ 6,052	\$ 8,650
June	5,464	\$2.65	\$ 14,481	5,463	\$0.64	\$ 3,496	5,430	\$1.50	\$ 8,145	\$ 11,641
July	5,311	\$2.65	\$ 14,073	5,307	\$0.64	\$ 3,396	5,275	\$1.50	\$ 7,913	\$ 11,309
August	5,554	\$2.65	\$ 14,717	5,550	\$0.64	\$ 3,552	5,517	\$1.50	\$ 8,275	\$ 11,827
September	4,349	\$2.65	\$ 11,525	4,381	\$0.64	\$ 2,804	4,355	\$1.50	\$ 6,532	\$ 9,336
October	4,656	\$2.65	\$ 12,338	4,653	\$0.64	\$ 2,978	4,625	\$1.50	\$ 6,937	\$ 9,915
November	5,336	\$2.65	\$ 14,141	5,333	\$0.64	\$ 3,413	5,301	\$1.50	\$ 7,951	\$ 11,364
December	6,032	\$2.65	\$ 15,984	6,028	\$0.64	\$ 3,858	5,992	\$1.50	\$ 8,987	\$ 12,845
Total	62,081	\$ 2.65	\$ 164,516	62,332	\$ 0.64	\$ 39,892	61,957	\$ 1.50	\$ 92,935	\$ 132,828

KITCHENER-WILMOT HYDRO

	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,110	\$2.8776	\$ 14,705	5,107	\$0.6871	\$ 3,509		\$0.00		\$ 3,509
February	4,893	\$2.8776	\$ 14,081	4,891	\$0.6871	\$ 3,360		\$0.00		\$ 3,360
March	4,776	\$2.8776	\$ 13,744	4,919	\$0.6871	\$ 3,380		\$0.00		\$ 3,380
April	3,981	\$2.8776	\$ 11,455	3,978	\$0.6871	\$ 2,733		\$0.00		\$ 2,733
May	3,611	\$2.8776	\$ 10,391	3,609	\$0.6871	\$ 2,479		\$0.00		\$ 2,479
June	4,899	\$2.8776	\$ 14,097	4,896	\$0.6871	\$ 3,364		\$0.00		\$ 3,364
July	4,178	\$2.8776	\$ 12,023	4,175	\$0.6871	\$ 2,869		\$0.00		\$ 2,869
August	4,361	\$2.8776	\$ 12,551	4,359	\$0.6871	\$ 2,995		\$0.00		\$ 2,995
September	3,068	\$2.8776	\$ 8,829	3,067	\$0.6871	\$ 2,108		\$0.00		\$ 2,108
October	3,360	\$2.8776	\$ 9,668	3,357	\$0.6871	\$ 2,307		\$0.00		\$ 2,307
November	3,718	\$2.8776	\$ 10,698	3,961	\$0.6871	\$ 2,722		\$0.00		\$ 2,722
December	4,867	\$2.8776	\$ 14,006	4,864	\$0.6871	\$ 3,342		\$0.00		\$ 3,342
Total	50,823	\$ 2.88	\$ 146,247	51,182	\$ 0.69	\$ 35,167	-	\$ -	\$ -	\$ 35,167

CAMBRIDGE & N. DUMFRIES HYDRO

	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	7,230	\$2.5882	\$ 18,713	7,225	\$1.7677	\$ 12,772		\$0.00		\$ 12,772
February	7,098	\$2.5882	\$ 18,371	7,093	\$1.7677	\$ 12,538		\$0.00		\$ 12,538
March	7,106	\$2.5882	\$ 18,392	7,101	\$1.7677	\$ 12,553		\$0.00		\$ 12,553
April	6,611	\$2.5882	\$ 17,109	6,606	\$1.7677	\$ 11,678		\$0.00		\$ 11,678
May	5,970	\$2.5882	\$ 15,452	5,966	\$1.7677	\$ 10,547		\$0.00		\$ 10,547
June	6,552	\$2.5882	\$ 16,958	6,548	\$1.7677	\$ 11,574		\$0.00		\$ 11,574
July	6,076	\$2.5882	\$ 15,726	6,072	\$1.7677	\$ 10,733		\$0.00		\$ 10,733
August	7,029	\$2.5882	\$ 18,193	7,024	\$1.7677	\$ 12,417		\$0.00		\$ 12,417
September	6,311	\$2.5882	\$ 16,334	6,307	\$1.7677	\$ 11,148		\$0.00		\$ 11,148
October	6,421	\$2.5882	\$ 16,618	6,416	\$1.7677	\$ 11,342		\$0.00		\$ 11,342
November	6,452	\$2.5882	\$ 16,698	6,447	\$1.7677	\$ 11,397		\$0.00		\$ 11,397
December	7,111	\$2.5882	\$ 18,405	7,106	\$1.7677	\$ 12,562		\$0.00		\$ 12,562
Total	79,967	\$ 2.59	\$ 206,970	79,913	\$ 1.77	\$ 141,262	-	\$ -	\$ -	\$ 141,262

TOTAL

	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	239,983	\$3.50	\$ 840,666	239,821	\$0.82	\$ 197,327	37,820	\$1.80	\$ 68,232	\$ 265,559
February	233,700	\$3.50	\$ 818,888	234,583	\$0.82	\$ 193,057	37,473	\$1.81	\$ 67,640	\$ 260,697
March	233,605	\$3.51	\$ 818,958	233,593	\$0.82	\$ 192,370	36,944	\$1.81	\$ 66,878	\$ 259,248
April	198,820	\$3.50	\$ 696,159	215,425	\$0.82	\$ 177,522	33,287	\$1.81	\$ 60,210	\$ 237,732
May	200,965	\$3.51	\$ 705,346	209,641	\$0.82	\$ 172,429	29,598	\$1.81	\$ 53,600	\$ 226,029
June	260,459	\$3.51	\$ 914,987	262,186	\$0.82	\$ 214,659	35,797	\$1.81	\$ 64,627	\$ 279,286
July	215,422	\$3.51	\$ 755,312	223,433	\$0.82	\$ 183,302	32,111	\$1.80	\$ 57,827	\$ 241,128
August	259,747	\$3.51	\$ 912,267	267,905	\$0.82	\$ 219,741	34,835	\$1.80	\$ 62,808	\$ 282,549
September	216,044	\$3.51	\$ 758,956	228,588	\$0.82	\$ 187,926	31,786	\$1.81	\$ 57,554	\$ 245,480
October	208,795	\$3.51	\$ 732,486	216,491	\$0.82	\$ 178,278	33,016	\$1.81	\$ 59,744	\$ 238,023
November	223,326	\$3.51	\$ 783,455	229,511	\$0.82	\$ 188,547	36,027	\$1.81	\$ 65,102	\$ 253,650
December	238,786	\$3.50	\$ 836,564	241,213	\$0.82	\$ 198,334	38,198	\$1.80	\$ 68,891	\$ 267,224
Total	2,729,653	\$ 3.51	\$ 9,574,044	2,802,390	\$ 0.82	\$ 2,303,492	416,891	\$ 1.81	\$ 753,113	\$ 3,056,605



RTSR Workform for Electricity Distributors (2013 Filers)

The purpose of this sheet is to re-align the current RTS Network Rates to recover current wholesale network costs.

Rate Class	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR Network
Residential	kWh	\$ 0.0075	409,759,515	-	\$ 3,073,196	32.3%	\$ 3,084,749	\$ 0.0075
General Service Less Than 50 kW	kWh	\$ 0.0068	186,947,198	-	\$ 1,271,241	13.4%	\$ 1,276,020	\$ 0.0068
General Service 50 to 999 kW	kW	\$ 2.7869	141,818,044	405,419	\$ 1,129,861	11.9%	\$ 1,134,108	\$ 2.7974
General Service 50 to 999 kW - Interval Metered	kW	\$ 2.9601	314,724,309	719,366	\$ 2,129,394	22.4%	\$ 2,137,399	\$ 2.9712
General Service 1,000 to 4,999 kW - Interval Meters	kW	\$ 2.9563	249,190,336	456,422	\$ 1,349,322	14.2%	\$ 1,354,394	\$ 2.9674
Large Use	kW	\$ 3.2774	79,638,262	153,852	\$ 504,234	5.3%	\$ 506,129	\$ 3.2897
Unmetered Scattered Load	kWh	\$ 0.0068	1,715,272	-	\$ 11,664	0.1%	\$ 11,708	\$ 0.0068
Street Lighting	kW	\$ 2.1021	7,792,006	21,835	\$ 45,900	0.5%	\$ 46,072	\$ 2.1100
Embedded Distributor	kW	\$ -	28,618,000	71,600	\$ -	0.0%	\$ -	\$ -
					\$ 9,514,812		\$ 9,550,579	
							\$ -	



RTSR Workform for Electricity Distributors (2013 Filers)

The purpose of this sheet is to re-align the current RTS Connection Rates to recover current wholesale connection costs.

Rate Class	Unit	Current RTSR Connection	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR Connection
Residential	kWh	\$ 0.0023	409,759,515	-	\$ 942,447	31.0%	\$ 945,505	\$ 0.0023
General Service Less Than 50 kW	kWh	\$ 0.0021	186,947,198	-	\$ 392,589	12.9%	\$ 393,863	\$ 0.0021
General Service 50 to 999 kW	kW	\$ 0.8168	141,818,044	405,419	\$ 331,146	10.9%	\$ 332,220	\$ 0.8195
General Service 50 to 999 kW - Interval Metered	kW	\$ 1.0203	314,724,309	719,366	\$ 733,969	24.1%	\$ 736,350	\$ 1.0236
General Service 1,000 to 4,999 kW - Interval Meters	kW	\$ 1.0191	249,190,336	456,422	\$ 465,140	15.3%	\$ 466,649	\$ 1.0224
Large Use	kW	\$ 1.0238	79,638,262	153,852	\$ 157,513	5.2%	\$ 158,025	\$ 1.0271
Unmetered Scattered Load	kWh	\$ 0.0021	1,715,272	-	\$ 3,602	0.1%	\$ 3,614	\$ 0.0021
Street Lighting	kW	\$ 0.6313	7,792,006	21,835	\$ 13,785	0.5%	\$ 13,829	\$ 0.6333
Embedded Distributor	kW	\$ -	28,618,000	71,600	\$ -	0.0%	\$ -	\$ -
					\$ 3,040,191		\$ 3,050,054	

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RTSR Workform for Electricity Distributors (2013 Filers)

The purpose of this sheet is to update the re-align RTS Network Rates to recover forecast wholesale network costs.

Rate Class	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR Network
Residential	kWh	\$ 0.0075	409,759,515	-	\$ 3,084,749	32.3%	\$ 3,092,328	\$ 0.0075
General Service Less Than 50 kW	kWh	\$ 0.0068	186,947,198	-	\$ 1,276,020	13.4%	\$ 1,279,155	\$ 0.0068
General Service 50 to 999 kW	kW	\$ 2.7974	141,818,044	405,419	\$ 1,134,108	11.9%	\$ 1,136,895	\$ 2.8042
General Service 50 to 999 kW - Interval Metered	kW	\$ 2.9712	314,724,309	719,366	\$ 2,137,399	22.4%	\$ 2,142,650	\$ 2.9785
General Service 1,000 to 4,999 kW - Interval Meters	kW	\$ 2.9674	249,190,336	456,422	\$ 1,354,394	14.2%	\$ 1,357,722	\$ 2.9747
Large Use	kW	\$ 3.2897	79,638,262	153,852	\$ 506,129	5.3%	\$ 507,373	\$ 3.2978
Unmetered Scattered Load	kWh	\$ 0.0068	1,715,272	-	\$ 11,708	0.1%	\$ 11,736	\$ 0.0068
Street Lighting	kW	\$ 2.1100	7,792,006	21,835	\$ 46,072	0.5%	\$ 46,186	\$ 2.1152
Embedded Distributor	kW	\$ -	28,618,000	71,600	\$ -	0.0%	\$ -	\$ -
				-	\$ 9,550,579		\$ 9,574,044	



RTSR Workform for Electricity Distributors (2013 Filers)

The purpose of this sheet is to update the re-aligned RTS Connection Rates to recover forecast wholesale connection costs.

Rate Class	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR Connection
Residential	kWh	\$ 0.0023	409,759,515	-	\$ 945,505	31.0%	\$ 947,535	\$ 0.0023
General Service Less Than 50 kW	kWh	\$ 0.0021	186,947,198	-	\$ 393,863	12.9%	\$ 394,709	\$ 0.0021
General Service 50 to 999 kW	kW	\$ 0.8195	141,818,044	405,419	\$ 332,220	10.9%	\$ 332,934	\$ 0.8212
General Service 50 to 999 kW - Interval Metered	kW	\$ 1.0236	314,724,309	719,366	\$ 736,350	24.1%	\$ 737,932	\$ 1.0258
General Service 1,000 to 4,999 kW - Interval Meters	kW	\$ 1.0224	249,190,336	456,422	\$ 466,649	15.3%	\$ 467,652	\$ 1.0246
Large Use	kW	\$ 1.0271	79,638,262	153,852	\$ 158,025	5.2%	\$ 158,364	\$ 1.0293
Unmetered Scattered Load	kWh	\$ 0.0021	1,715,272	-	\$ 3,614	0.1%	\$ 3,622	\$ 0.0021
Street Lighting	kW	\$ 0.6333	7,792,006	21,835	\$ 13,829	0.5%	\$ 13,859	\$ 0.6347
Embedded Distributor	kW	\$ -	28,618,000	71,600	\$ -	0.0%	\$ -	\$ -
					\$ 3,050,054			



RTSR Workform for Electricity Distributors (2013 Filers)

For Cost of Service Applicants, please enter the following Proposed RTS rates into your rates model.

For IRM applicants, please enter these rates into the 2013 IRM Rate Generator, Sheet 11 "Proposed Rates", column I. Please note that the rate description for the RTSRs has been transferred to Sheet 11, Column A from Sheet 4.

Rate Class	Unit	Proposed RTSR Network	Proposed RTSR Connection
Residential	kWh	\$ 0.0075	\$ 0.0023
General Service Less Than 50 kW	kWh	\$ 0.0068	\$ 0.0021
General Service 50 to 999 kW	kW	\$ 2.8042	\$ 0.8212
General Service 50 to 999 kW - Interval Metered	kW	\$ 2.9785	\$ 1.0258
General Service 1,000 to 4,999 kW - Interval Meters	kW	\$ 2.9747	\$ 1.0246
Large Use	kW	\$ 3.2978	\$ 1.0293
Unmetered Scattered Load	kWh	\$ 0.0068	\$ 0.0021
Street Lighting	kW	\$ 2.1152	\$ 0.6347
Embedded Distributor	kW	\$ -	\$ -

Attachment D

Current May 1, 2012 Tariff Sheet

Appendix A

To Final Rate Order

Final Tariff of Rates and Charges

Board File No: EB-2011-0201

DATED: April 10, 2012

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2012

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

EB-2011-0201

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	14.72
Smart Meter Funding Adder – effective until October 31, 2012	\$	1.00
Distribution Volumetric Rate	\$/kWh	0.0186
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.00072
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – effective until April 30, 2014	\$/kWh	(0.00003)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kWh	(0.0022)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SSM) Recovery – effective until April 30, 2015	\$/kWh	0.0002
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SSM) Recovery (2012) – effective until April 30, 2014	\$/kWh	0.0001
Rate Rider for Capital Gain – effective until April 30, 2014	\$/kWh	(0.0007)
Rate Rider for Tax Change – effective until April 30, 2013	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0023

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2012

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

EB-2011-0201

GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	30.96
Smart Meter Funding Adder – effective until October 31, 2012	\$	1.00
Distribution Volumetric Rate	\$/kWh	0.0138
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.00072
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2014 Applicable only to Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – effective until April 30, 2014	\$/kWh	(0.00003)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kWh	(0.0018)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SSM) Recovery – effective until April 30, 2015	\$/kWh	0.0001
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SSM) Recovery (2012) – effective until April 30, 2014	\$/kWh	0.0001
Rate Rider for Capital Gain – effective until April 30, 2014	\$/kWh	(0.0004)
Rate Rider for Tax Change – effective until April 30, 2013	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0021

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2012

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

EB-2011-0201

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service. Note that for the application of the Retail Transmission Rate – Network Service Rate and the Retail Transmission Rate – Line and Transformation Connection Service Rate the following sub-classifications apply:

- General Service 50 to 999 kW non-interval metered
- General Service 50 to 999 kW interval metered
- General Service 1,000 to 4,999 kW interval metered.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	139.45
Smart Meter Funding Adder – effective until October 31, 2012	\$	1.00
Distribution Volumetric Rate	\$/kW	4.4733
Low Voltage Service Rate	\$/kW	0.0551
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1297
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.27956
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2014		
Applicable only to Non-RPP Customers	\$/kW	(0.0630)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kW	(1.1063)
Rate Rider for Deferral/Variance Account Disposition (2011) – effective until April 30, 2014	\$/kW	(0.06474)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kW	(0.5917)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SSM) Recovery – effective until April 30, 2015	\$/kW	0.1495
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SSM) Recovery (2012) - effective until April 30, 2014	\$/kW	0.0105
Rate Rider for Capital Gain – effective until April 30, 2014	\$/kW	(0.0866)
Rate Rider for Tax Change – effective until April 30, 2013	\$/kW	(0.0110)

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2012

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

EB-2011-0201

Retail Transmission Rate – Network Service Rate – (less than 1,000 kW)	\$/kW	2.7869
Retail Transmission Rate – Network Service Rate – Interval Metered (less than 1,000 kW)	\$/kW	2.9601
Retail Transmission Rate – Network Service Rate – Interval Metered (1,000 to 4,999 kW)	\$/kW	2.9563
Retail Transmission Rate – Line and Transformation Connection Service Rate – (less than 1,000 kW)	\$/kW	0.8168
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered (less than 1,000 kW)	\$/kW	1.0203
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered (1,000 to 4,999 kW)	\$/kW	1.0191

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2012

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EB-2011-0201

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	6,758.68
Smart Meter Funding Adder – effective until October 31, 2012	\$	1.00
Distribution Volumetric Rate	\$/kW	3.2337
Low Voltage Service Rate	\$/kW	0.0553
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.1620
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.35873
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0730)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kW	(1.3863)
Rate Rider for Deferral/Variance Account Disposition (2011) – effective until April 30, 2014	\$/kW	(0.09798)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kW	(0.6300)
Rate Rider for Capital Gain – effective until April 30, 2014	\$/kW	(0.0678)
Rate Rider for Tax Change – effective until April 30, 2013	\$/kW	(0.0079)
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	3.2774
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	1.0238

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2012

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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	15.48
Distribution Volumetric Rate	\$/kWh	0.0192
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.00072
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2014 Applicable only to Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kWh	(0.0027)
Rate Rider for Deferral/Variance Account Disposition (2011) – effective until April 30, 2014	\$/kWh	0.00067
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kWh	(0.0035)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SSM) Recovery – effective until April 30, 2015	\$/kWh	0.0048
Rate Rider for Capital Gain – effective until April 30, 2014	\$/kWh	(0.0015)
Rate Rider for Tax Change – effective until April 30, 2013	\$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0021

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2012

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STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	0.33
Distribution Volumetric Rate	\$/kW	8.4131
Low Voltage Service Rate	\$/kW	0.0341
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.10098
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0503)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kW	(0.9707)
Rate Rider for Deferral/Variance Account Disposition (2011) – effective until April 30, 2014	\$/kW	0.02857
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kW	(0.6907)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SSM) Recovery – effective until April 30, 2015	\$/kW	0.2475
Rate Rider for Capital Gain – effective until April 30, 2014	\$/kW	(0.1959)
Rate Rider for Tax Change – effective until April 30, 2013	\$/kW	(0.0229)
Retail Transmission Rate – Network Service Rate	\$/kW	2.1021
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.6313

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2012

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microFIT GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.25
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Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

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EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Board that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Distribution Volumetric Rate	\$/kW	0.0121
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.1297
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.27956
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0564)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kW	(1.1063)
Rate Rider for Deferral/Variance Account Disposition (2011) – effective until April 30, 2014	\$/kW	(0.06474)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kW	(0.3966)
Rate Rider for Capital Gain – effective until April 30, 2014	\$/kW	(0.0002)

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

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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)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Customer Administration		
Easement Letter	\$	15.00
Notification Charge	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned Cheque charge (plus bank charges)	\$	15.00
Duplicate Invoices for Previous Billing	\$	15.00
Income Tax Letter	\$	15.00
Account set up charge / change of occupancy charge (plus credit agency costs if applicable)	\$	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
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

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RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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

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 monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly 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

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0404
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0150
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0300
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0050

Attachment E

Rate Impact by Rate Class

Residential

Consumption	100 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	104.04	0.0750	7.80	104.04	0.0750	7.80	0.00	0.00%	27.04%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	66.59	0.0650	4.33	66.59	0.0650	4.33	0.00	0.00%		14.70%
TOU - Mid Peak	18.73	0.1000	1.87	18.73	0.1000	1.87	0.00	0.00%		6.36%
TOU - On Peak	18.73	0.1170	2.19	18.73	0.1170	2.19	0.00	0.00%		7.44%
Service Charge	1	14.72	14.72	1	14.85	14.85	0.13	0.88%	51.47%	50.42%
Service Charge Rate Rider(s)	1	1.81	1.81	1	1.81	1.81	0.00	0.00%	6.27%	6.15%
Distribution Volumetric Rate	100	0.0186	1.86	100	0.0188	1.88	0.02	1.08%	6.52%	6.38%
Low Voltage Volumetric Rate	100	0.0001	0.01	100	0.0001	0.01	0.00	0.00%	0.03%	0.03%
Distribution Volumetric Rate Rider(s)	100	(0.0054)	(0.54)	100	(0.0061)	(0.61)	(0.07)	12.89%	-2.12%	-2.08%
Total: Distribution			17.86			17.94	0.08	0.45%	62.18%	60.91%
Retail Transmission Rate - Network Service Rate	104.04	0.0075	0.78	104.04	0.0075	0.78	0.00	0.00%	2.70%	2.65%
Retail Transmission Rate - Line and Transformation Connection Service Rate	104.04	0.0023	0.24	104.04	0.0023	0.24	0.00	0.00%	0.83%	0.81%
Total: Retail Transmission			1.02			1.02	0.00	0.00%	3.54%	3.46%
Sub-Total: Delivery (Distribution and Retail Transmission)			18.88			18.96	0.08	0.42%	65.71%	64.38%
Wholesale Market Service Rate	104.04	0.0052	0.54	104.04	0.0052	0.54	0.00	0.00%	1.88%	1.84%
Rural Rate Protection Charge	104.04	0.0011	0.11	104.04	0.0011	0.11	0.00	0.00%	0.40%	0.39%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.87%	0.85%
Sub-Total: Regulatory			0.91			0.91	0.00	0.00%	3.14%	3.07%
Debt Retirement Charge (DRC)	100.00	0.00700	0.70	100.00	0.0070	0.70	0.00	0.00%	2.43%	2.38%
Total Bill on RPP (before taxes)			28.29			28.37	0.08	0.28%	98.33%	
HST		13%	3.68		13%	3.69	0.01	0.28%	12.78%	
Total Bill (including HST)			31.97			32.06	0.09	0.28%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(3.20)		(10%)	(3.21)	(0.01)	0.28%	-11.11%	
Total Bill on RPP (including OCEB)			28.77			28.85	0.08	0.28%	100.00%	
Total Bill on TOU (before taxes)			28.88			28.96	0.08	0.28%		98.33%
HST		13%	3.75		13%	3.76	0.01	0.28%		12.78%
Total Bill (including HST)			32.63			32.72	0.09	0.28%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(3.26)		(10%)	(3.27)	(0.01)	0.28%		-11.11%
Total Bill on TOU (including OCEB)			29.37			29.45	0.08	0.28%		100.00%

Residential

Consumption	250 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	260.10	0.0750	19.51	260.10	0.0750	19.51	0.00	0.00%	42.11%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	166.46	0.0650	10.82	166.46	0.0650	10.82	0.00	0.00%		22.63%
TOU - Mid Peak	46.82	0.1000	4.68	46.82	0.1000	4.68	0.00	0.00%		9.79%
TOU - On Peak	46.82	0.1170	5.48	46.82	0.1170	5.48	0.00	0.00%		11.46%
Service Charge	1	14.72	14.72	1	14.85	14.85	0.13	0.88%	32.06%	31.05%
Service Charge Rate Rider(s)	1	1.81	1.81	1	1.81	1.81	0.00	0.00%	3.91%	3.79%
Distribution Volumetric Rate	250	0.0186	4.65	250	0.0188	4.70	0.05	1.08%	10.15%	9.83%
Low Voltage Volumetric Rate	250	0.0001	0.03	250	0.0001	0.03	0.00	0.00%	0.05%	0.05%
Distribution Volumetric Rate Rider(s)	250	(0.0054)	(1.36)	250	(0.0061)	(1.53)	(0.18)	12.89%	-3.31%	-3.20%
Total: Distribution			19.85			19.85	0.00	0.00%	42.85%	41.51%
Retail Transmission Rate - Network Service Rate	260.10	0.0075	1.95	260.10	0.0075	1.95	0.00	0.00%	4.21%	4.08%
Retail Transmission Rate - Line and Transformation Connection Service Rate	260.10	0.0023	0.60	260.10	0.0023	0.60	0.00	0.00%	1.30%	1.25%
Total: Retail Transmission			2.55			2.55	0.00	0.00%	5.50%	5.33%
Sub-Total: Delivery (Distribution and Retail Transmission)			22.40			22.40	0.00	0.00%	48.35%	46.84%
Wholesale Market Service Rate	260.10	0.0052	1.35	260.10	0.0052	1.35	0.00	0.00%	2.92%	2.83%
Rural Rate Protection Charge	260.10	0.0011	0.29	260.10	0.0011	0.29	0.00	0.00%	0.62%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.54%	0.52%
Sub-Total: Regulatory			1.89			1.89	0.00	0.00%	4.08%	3.95%
Debt Retirement Charge (DRC)	250.00	0.00700	1.75	250.00	0.0070	1.75	0.00	0.00%	3.78%	3.66%
Total Bill on RPP (before taxes)			45.55			45.55	0.00	0.00%	98.33%	
HST		13%	5.92		13%	5.92	0.00	0.00%	12.78%	
Total Bill (including HST)			51.47			51.47	0.00	0.00%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(5.15)		(10%)	(5.15)	0.00	0.00%	-11.11%	
Total Bill on RPP (including OCEB)			46.32			46.32	0.00	0.00%	100.00%	
Total Bill on TOU (before taxes)			47.02			47.02	0.00	0.00%		98.33%
HST		13%	6.11		13%	6.11	0.00	0.00%		12.78%
Total Bill (including HST)			53.13			53.13	0.00	0.00%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(5.31)		(10%)	(5.31)	0.00	0.00%		-11.11%
Total Bill on TOU (including OCEB)			47.82			47.82	0.00	0.00%		100.00%

Residential

Consumption	500 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	520.20	0.0750	39.02	520.20	0.0750	39.02	0.00	0.00%	51.71%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	332.93	0.0650	21.64	332.93	0.0650	21.64	0.00	0.00%		27.58%
TOU - Mid Peak	93.64	0.1000	9.36	93.64	0.1000	9.36	0.00	0.00%		11.94%
TOU - On Peak	93.64	0.1170	10.96	93.64	0.1170	10.96	0.00	0.00%		13.96%
Service Charge	1	14.72	14.72	1	14.85	14.85	0.13	0.88%	19.68%	18.93%
Service Charge Rate Rider(s)	1	1.81	1.81	1	1.81	1.81	0.00	0.00%	2.40%	2.31%
Distribution Volumetric Rate	500	0.0186	9.30	500	0.0188	9.40	0.10	1.08%	12.46%	11.98%
Low Voltage Volumetric Rate	500	0.0001	0.05	500	0.0001	0.05	0.00	0.00%	0.07%	0.06%
Distribution Volumetric Rate Rider(s)	500	(0.0054)	(2.72)	500	(0.0061)	(3.07)	(0.35)	12.89%	-4.06%	-3.91%
Total: Distribution			23.17			23.05	(0.12)	(0.52)%	30.55%	29.38%
Retail Transmission Rate - Network Service Rate	520.20	0.0075	3.90	520.20	0.0075	3.90	0.00	0.00%	5.17%	4.97%
Retail Transmission Rate - Line and Transformation Connection Service Rate	520.20	0.0023	1.20	520.20	0.0023	1.20	0.00	0.00%	1.59%	1.53%
Total: Retail Transmission			5.10			5.10	0.00	0.00%	6.76%	6.50%
Sub-Total: Delivery (Distribution and Retail Transmission)			28.27			28.15	(0.12)	(0.42)%	37.31%	35.88%
Wholesale Market Service Rate	520.20	0.0052	2.71	520.20	0.0052	2.71	0.00	0.00%	3.59%	3.45%
Rural Rate Protection Charge	520.20	0.0011	0.57	520.20	0.0011	0.57	0.00	0.00%	0.76%	0.73%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.33%	0.32%
Sub-Total: Regulatory			3.53			3.53	0.00	0.00%	4.67%	4.50%
Debt Retirement Charge (DRC)	500.00	0.00700	3.50	500.00	0.0070	3.50	0.00	0.00%	4.64%	4.46%
Total Bill on RPP (before taxes)			74.31			74.19	(0.12)	(0.16)%	98.33%	
HST		13%	9.66		13%	9.64	(0.02)	(0.16)%	12.78%	
Total Bill (including HST)			83.97			83.83	(0.14)	(0.16)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(8.40)		(10%)	(8.38)	0.01	(0.16)%	-11.11%	
Total Bill on RPP (including OCEB)			75.57			75.45	(0.12)	(0.16)%	100.00%	
Total Bill on TOU (before taxes)			77.26			77.14	(0.12)	(0.16)%		98.33%
HST		13%	10.04		13%	10.03	(0.02)	(0.16)%		12.78%
Total Bill (including HST)			87.30			87.17	(0.14)	(0.16)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(8.73)		(10%)	(8.72)	0.01	(0.16)%		-11.11%
Total Bill on TOU (including OCEB)			78.57			78.45	(0.12)	(0.16)%		100.00%

Residential

Consumption	800 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	39.66%	
Energy Second Tier (kWh)	232.32	0.0880	20.44	232.32	0.0880	20.44	0.00	0.00%	18.02%	
TOU - Off Peak	532.68	0.0650	34.62	532.68	0.0650	34.62	0.00	0.00%		30.06%
TOU - Mid Peak	149.82	0.1000	14.98	149.82	0.1000	14.98	0.00	0.00%		13.01%
TOU - On Peak	149.82	0.1170	17.53	149.82	0.1170	17.53	0.00	0.00%		15.22%
Service Charge	1	14.72	14.72	1	14.85	14.85	0.13	0.88%	13.09%	12.89%
Service Charge Rate Rider(s)	1	1.81	1.81	1	1.81	1.81	0.00	0.00%	1.60%	1.57%
Distribution Volumetric Rate	800	0.0186	14.88	800	0.0188	15.04	0.16	1.08%	13.25%	13.06%
Low Voltage Volumetric Rate	800	0.0001	0.08	800	0.0001	0.08	0.00	0.00%	0.07%	0.07%
Distribution Volumetric Rate Rider(s)	800	(0.0054)	(4.34)	800	(0.0061)	(4.90)	(0.56)	12.89%	-4.32%	-4.26%
Total: Distribution			27.15			26.88	(0.27)	(0.99)%	23.69%	23.34%
Retail Transmission Rate - Network Service Rate	832.32	0.0075	6.24	832.32	0.0075	6.24	0.00	0.00%	5.50%	5.42%
Retail Transmission Rate - Line and Transformation Connection Service Rate	832.32	0.0023	1.91	832.32	0.0023	1.91	0.00	0.00%	1.68%	1.66%
Total: Retail Transmission			8.15			8.15	0.00	0.00%	7.18%	7.08%
Sub-Total: Delivery (Distribution and Retail Transmission)			35.30			35.03	(0.27)	(0.76)%	30.87%	30.41%
Wholesale Market Service Rate	832.32	0.0052	4.33	832.32	0.0052	4.33	0.00	0.00%	3.81%	3.76%
Rural Rate Protection Charge	832.32	0.0011	0.92	832.32	0.0011	0.92	0.00	0.00%	0.81%	0.79%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.22%
Sub-Total: Regulatory			5.49			5.49	0.00	0.00%	4.84%	4.77%
Debt Retirement Charge (DRC)	800.00	0.00700	5.60	800.00	0.0070	5.60	0.00	0.00%	4.94%	4.86%
Total Bill on RPP (before taxes)			111.84			111.57	(0.27)	(0.24)%	98.33%	
HST		13%	14.54		13%	14.50	(0.04)	(0.24)%	12.78%	
Total Bill (including HST)			126.38			126.07	(0.31)	(0.24)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(12.64)		(10%)	(12.61)	0.03	(0.24)%	-11.11%	
Total Bill on RPP (including OCEB)			113.74			113.47	(0.27)	(0.24)%	100.00%	
Total Bill on TOU (before taxes)			113.53			113.26	(0.27)	(0.24)%		98.33%
HST		13%	14.76		13%	14.72	(0.04)	(0.24)%		12.78%
Total Bill (including HST)			128.29			127.98	(0.31)	(0.24)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(12.83)		(10%)	(12.80)	0.03	(0.24)%		-11.11%
Total Bill on TOU (including OCEB)			115.46			115.19	(0.27)	(0.24)%		100.00%

Residential

Consumption	1,000 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	32.26%	
Energy Second Tier (kWh)	440.40	0.0880	38.76	440.40	0.0880	38.76	0.00	0.00%	27.78%	
TOU - Off Peak	665.86	0.0650	43.28	665.86	0.0650	43.28	0.00	0.00%		30.99%
TOU - Mid Peak	187.27	0.1000	18.73	187.27	0.1000	18.73	0.00	0.00%		13.41%
TOU - On Peak	187.27	0.1170	21.91	187.27	0.1170	21.91	0.00	0.00%		15.69%
Service Charge	1	14.72	14.72	1	14.85	14.85	0.13	0.88%	10.64%	10.63%
Service Charge Rate Rider(s)	1	1.81	1.81	1	1.81	1.81	0.00	0.00%	1.30%	1.30%
Distribution Volumetric Rate	1000	0.0186	18.60	1,000	0.0188	18.80	0.20	1.08%	13.48%	13.46%
Low Voltage Volumetric Rate	1000	0.0001	0.10	1,000	0.0001	0.10	0.00	0.00%	0.07%	0.07%
Distribution Volumetric Rate Rider(s)	1000	(0.0054)	(5.43)	1,000	(0.0061)	(6.13)	(0.70)	12.89%	-4.39%	-4.39%
Total: Distribution			29.80			29.43	(0.37)	(1.24)%	21.09%	21.07%
Retail Transmission Rate - Network Service Rate	1,040.40	0.0075	7.80	1,040.40	0.0075	7.80	0.00	0.00%	5.59%	5.58%
Retail Transmission Rate - Line and Transformation Connection Service Rate	1,040.40	0.0023	2.39	1,040.40	0.0023	2.39	0.00	0.00%	1.71%	1.71%
Total: Retail Transmission			10.19			10.19	0.00	0.00%	7.30%	7.30%
Sub-Total: Delivery (Distribution and Retail Transmission)			39.99			39.62	(0.37)	(0.93)%	28.40%	28.37%
Wholesale Market Service Rate	1,040.40	0.0052	5.41	1,040.40	0.0052	5.41	0.00	0.00%	3.88%	3.87%
Rural Rate Protection Charge	1,040.40	0.0011	1.14	1,040.40	0.0011	1.14	0.00	0.00%	0.82%	0.82%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%	0.18%
Sub-Total: Regulatory			6.80			6.80	0.00	0.00%	4.88%	4.87%
Debt Retirement Charge (DRC)	1,000.00	0.00700	7.00	1,000.00	0.0070	7.00	0.00	0.00%	5.02%	5.01%
Total Bill on RPP (before taxes)			137.55			137.18	(0.37)	(0.27)%	98.33%	
HST		13%	17.88		13%	17.83	(0.05)	(0.27)%	12.78%	
Total Bill (including HST)			155.43			155.01	(0.42)	(0.27)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(15.54)		(10%)	(15.50)	0.04	(0.27)%	-11.11%	
Total Bill on RPP (including OCEB)			139.89			139.51	(0.38)	(0.27)%	100.00%	
Total Bill on TOU (before taxes)			137.71			137.34	(0.37)	(0.27)%		98.33%
HST		13%	17.90		13%	17.85	(0.05)	(0.27)%		12.78%
Total Bill (including HST)			155.61			155.19	(0.42)	(0.27)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(15.56)		(10%)	(15.52)	0.04	(0.27)%		-11.11%
Total Bill on TOU (including OCEB)			140.05			139.67	(0.38)	(0.27)%		100.00%

Residential

Consumption 1,500 kWh
RPP Tier One 600 kWh
Load Factor
Loss Factor 1.0404

	CURRENT			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	21.99%	
Energy Second Tier (kWh)	960.60	0.0880	84.53	960.60	0.0880	84.53	0.00	0.00%	41.31%	
TOU - Off Peak	998.78	0.0650	64.92	998.78	0.0650	64.92	0.00	0.00%		32.31%
TOU - Mid Peak	280.91	0.1000	28.09	280.91	0.1000	28.09	0.00	0.00%		13.98%
TOU - On Peak	280.91	0.1170	32.87	280.91	0.1170	32.87	0.00	0.00%		16.36%
Service Charge	1	14.72	14.72	1	14.85	14.85	0.13	0.88%	7.26%	7.39%
Service Charge Rate Rider(s)	1	1.81	1.81	1	1.81	1.81	0.00	0.00%	0.88%	0.90%
Distribution Volumetric Rate	1500	0.0186	27.90	1,500	0.0188	28.20	0.30	1.08%	13.78%	14.03%
Low Voltage Volumetric Rate	1500	0.0001	0.15	1,500	0.0001	0.15	0.00	0.00%	0.07%	0.07%
Distribution Volumetric Rate Rider(s)	1500	(0.0054)	(8.15)	1,500	(0.0061)	(9.20)	(1.05)	12.89%	-4.49%	-4.58%
Total: Distribution			36.44			35.82	(0.62)	(1.70)%	17.50%	17.83%
Retail Transmission Rate - Network Service Rate	1,560.60	0.0075	11.70	1,560.60	0.0075	11.70	0.00	0.00%	5.72%	5.82%
Retail Transmission Rate - Line and Transformation Connection Service Rate	1,560.60	0.0023	3.59	1,560.60	0.0023	3.59	0.00	0.00%	1.75%	1.79%
Total: Retail Transmission			15.29			15.29	0.00	0.00%	7.47%	7.61%
Sub-Total: Delivery (Distribution and Retail Transmission)			51.73			51.11	(0.62)	(1.20)%	24.98%	25.44%
Wholesale Market Service Rate	1,560.60	0.0052	8.12	1,560.60	0.0052	8.12	0.00	0.00%	3.97%	4.04%
Rural Rate Protection Charge	1,560.60	0.0011	1.72	1,560.60	0.0011	1.72	0.00	0.00%	0.84%	0.85%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
Sub-Total: Regulatory			10.08			10.08	0.00	0.00%	4.93%	5.02%
Debt Retirement Charge (DRC)	1,500.00	0.00700	10.50	1,500.00	0.0070	10.50	0.00	0.00%	5.13%	5.23%
Total Bill on RPP (before taxes)			201.84			201.22	(0.62)	(0.31)%	98.33%	
HST		13%	26.24		13%	26.16	(0.08)	(0.31)%	12.78%	
Total Bill (including HST)			228.08			227.38	(0.70)	(0.31)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(22.81)		(10%)	(22.74)	0.07	(0.31)%	-11.11%	
Total Bill on RPP (including OCEB)			205.27			204.64	(0.63)	(0.31)%	100.00%	
Total Bill on TOU (before taxes)			198.19			197.57	(0.62)	(0.31)%		98.33%
HST		13%	25.76		13%	25.68	(0.08)	(0.31)%		12.78%
Total Bill (including HST)			223.95			223.25	(0.70)	(0.31)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(22.40)		(10%)	(22.33)	0.07	(0.31)%		-11.11%
Total Bill on TOU (including OCEB)			201.56			200.93	(0.63)	(0.31)%		100.00%

Residential

Consumption	2,000 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	16.68%	
Energy Second Tier (kWh)	1,480.80	0.0880	130.31	1,480.80	0.0880	130.31	0.00	0.00%	48.30%	
TOU - Off Peak	1,331.71	0.0650	86.56	1,331.71	0.0650	86.56	0.00	0.00%		33.02%
TOU - Mid Peak	374.54	0.1000	37.45	374.54	0.1000	37.45	0.00	0.00%		14.29%
TOU - On Peak	374.54	0.1170	43.82	374.54	0.1170	43.82	0.00	0.00%		16.71%
Service Charge	1	14.72	14.72	1	14.85	14.85	0.13	0.88%	5.50%	5.66%
Service Charge Rate Rider(s)	1	1.81	1.81	1	1.81	1.81	0.00	0.00%	0.67%	0.69%
Distribution Volumetric Rate	2000	0.0186	37.20	2,000	0.0188	37.60	0.40	1.08%	13.94%	14.34%
Low Voltage Volumetric Rate	2000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.07%	0.08%
Distribution Volumetric Rate Rider(s)	2000	(0.0054)	(10.86)	2,000	(0.0061)	(12.26)	(1.40)	12.89%	-4.54%	-4.68%
Total: Distribution			43.07			42.20	(0.87)	(2.02)%	15.64%	16.10%
Retail Transmission Rate - Network Service Rate	2,080.80	0.0075	15.61	2,080.80	0.0075	15.61	0.00	0.00%	5.79%	5.95%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,080.80	0.0023	4.79	2,080.80	0.0023	4.79	0.00	0.00%	1.78%	1.83%
Total: Retail Transmission			20.40			20.40	0.00	0.00%	7.56%	7.78%
Sub-Total: Delivery (Distribution and Retail Transmission)			63.47			62.60	(0.87)	(1.37)%	23.20%	23.88%
Wholesale Market Service Rate	2,080.80	0.0052	10.82	2,080.80	0.0052	10.82	0.00	0.00%	4.01%	4.13%
Rural Rate Protection Charge	2,080.80	0.0011	2.29	2,080.80	0.0011	2.29	0.00	0.00%	0.85%	0.87%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.10%
Sub-Total: Regulatory			13.36			13.36	0.00	0.00%	4.95%	5.10%
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000.00	0.0070	14.00	0.00	0.00%	5.19%	5.34%
Total Bill on RPP (before taxes)			266.14			265.27	(0.87)	(0.33)%	98.33%	
HST		13%	34.60		13%	34.49	(0.11)	(0.33)%	12.78%	
Total Bill (including HST)			300.74			299.76	(0.98)	(0.33)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(30.07)		(10%)	(29.98)	0.10	(0.33)%	-11.11%	
Total Bill on RPP (including OCEB)			270.66			269.78	(0.88)	(0.33)%	100.00%	
Total Bill on TOU (before taxes)			258.67			257.80	(0.87)	(0.34)%		98.33%
HST		13%	33.63		13%	33.51	(0.11)	(0.34)%		12.78%
Total Bill (including HST)			292.30			291.31	(0.98)	(0.34)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(29.23)		(10%)	(29.13)	0.10	(0.34)%		-11.11%
Total Bill on TOU (including OCEB)			263.07			262.18	(0.88)	(0.34)%		100.00%

General Service Less Than 50 kW

Consumption	1,000 kWh
RPP Tier One	750 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	750.00	0.0750	56.25	750.00	0.0750	56.25	0.00	0.00%	35.20%	
Energy Second Tier (kWh)	290.40	0.0880	25.56	290.40	0.0880	25.56	0.00	0.00%	15.99%	
TOU - Off Peak	665.86	0.0650	43.28	665.86	0.0650	43.28	0.00	0.00%		26.73%
TOU - Mid Peak	187.27	0.1000	18.73	187.27	0.1000	18.73	0.00	0.00%		11.56%
TOU - On Peak	187.27	0.1170	21.91	187.27	0.1170	21.91	0.00	0.00%		13.53%
Service Charge	1	30.96	30.96	1	31.23	31.23	0.27	0.87%	19.54%	19.28%
Service Charge Rate Rider(s)	1	12.57	12.57	1	12.57	12.57	0.00	0.00%	7.87%	7.76%
Distribution Volumetric Rate	1000	0.0138	13.80	1,000	0.0139	13.90	0.10	0.72%	8.70%	8.58%
Low Voltage Volumetric Rate	1000	0.0001	0.10	1,000	0.0001	0.10	0.00	0.00%	0.06%	0.06%
Distribution Volumetric Rate Rider(s)	1000	(0.0048)	(4.83)	1,000	(0.0055)	(5.53)	(0.70)	14.49%	-3.46%	-3.41%
Total: Distribution			52.60			52.27	(0.33)	(0.63)%	32.71%	32.28%
Retail Transmission Rate - Network Service Rate	1,040.40	0.0068	7.07	1,040.40	0.0068	7.07	0.00	0.00%	4.42%	4.37%
Retail Transmission Rate - Line and Transformation Connection	1,040.40	0.0021	2.18	1,040.40	0.0021	2.18	0.00	0.00%	1.36%	1.35%
Total: Retail Transmission			9.25			9.25	0.00	0.00%	5.79%	5.71%
Sub-Total: Delivery (Distribution and Retail Transmission)			61.85			61.52	(0.33)	(0.53)%	38.50%	37.99%
Wholesale Market Service Rate	1,040.40	0.0052	5.41	1,040.40	0.0052	5.41	0.00	0.00%	3.39%	3.34%
Rural Rate Protection Charge	1,040.40	0.0011	1.14	1,040.40	0.0011	1.14	0.00	0.00%	0.72%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.16%	0.15%
Sub-Total: Regulatory			6.80			6.80	0.00	0.00%	4.26%	4.20%
Debt Retirement Charge (DRC)	1,000.00	0.00700	7.00	1,000.00	0.0070	7.00	0.00	0.00%	4.38%	4.32%
Total Bill on RPP (before taxes)			157.46			157.13	(0.33)	(0.21)%	98.33%	
HST		13%	20.47		13%	20.43	(0.04)	(0.21)%	12.78%	
Total Bill (including HST)			177.93			177.56	(0.37)	(0.21)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(17.79)		(10%)	(17.76)	0.04	(0.21)%	-11.11%	
Total Bill on RPP (including OCEB)			160.14			159.80	(0.34)	(0.21)%	100.00%	
Total Bill on TOU (before taxes)			159.57			159.24	(0.33)	(0.21)%		98.33%
HST		13%	20.74		13%	20.70	(0.04)	(0.21)%		12.78%
Total Bill (including HST)			180.31			179.94	(0.37)	(0.21)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(18.03)		(10%)	(17.99)	0.04	(0.21)%		-11.11%
Total Bill on TOU (including OCEB)			162.28			161.95	(0.34)	(0.21)%		100.00%

General Service Less Than 50 kW

Consumption	2,000 kWh
RPP Tier One	750 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	750.00	0.0750	56.25	750.00	0.0750	56.25	0.00	0.00%	19.75%	
Energy Second Tier (kWh)	1,330.80	0.0880	117.11	1,330.80	0.0880	117.11	0.00	0.00%	41.13%	
TOU - Off Peak	1,331.71	0.0650	86.56	1,331.71	0.0650	86.56	0.00	0.00%		31.01%
TOU - Mid Peak	374.54	0.1000	37.45	374.54	0.1000	37.45	0.00	0.00%		13.42%
TOU - On Peak	374.54	0.1170	43.82	374.54	0.1170	43.82	0.00	0.00%		15.70%
Service Charge	1	30.96	30.96	1	31.23	31.23	0.27	0.87%	10.97%	11.19%
Service Charge Rate Rider(s)	1	12.57	12.57	1	12.57	12.57	0.00	0.00%	4.41%	4.50%
Distribution Volumetric Rate	2000	0.0138	27.60	2,000	0.0139	27.80	0.20	0.72%	9.76%	9.96%
Low Voltage Volumetric Rate	2000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.07%	0.07%
Distribution Volumetric Rate Rider(s)	2000	(0.0048)	(9.66)	2,000	(0.0055)	(11.06)	(1.40)	14.49%	-3.88%	-3.96%
Total: Distribution			61.67			60.74	(0.93)	(1.51)%	21.33%	21.76%
Retail Transmission Rate - Network Service Rate	2,080.80	0.0068	14.15	2,080.80	0.0068	14.15	0.00	0.00%	4.97%	5.07%
Retail Transmission Rate - Line and Transformation Connection	2,080.80	0.0021	4.37	2,080.80	0.0021	4.37	0.00	0.00%	1.53%	1.57%
Total: Retail Transmission			18.52			18.52	0.00	0.00%	6.50%	6.64%
Sub-Total: Delivery (Distribution and Retail Transmission)			80.19			79.26	(0.93)	(1.16)%	27.84%	28.40%
Wholesale Market Service Rate	2,080.80	0.0052	10.82	2,080.80	0.0052	10.82	0.00	0.00%	3.80%	3.88%
Rural Rate Protection Charge	2,080.80	0.0011	2.29	2,080.80	0.0011	2.29	0.00	0.00%	0.80%	0.82%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.09%
Sub-Total: Regulatory			13.36			13.36	0.00	0.00%	4.69%	4.79%
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000.00	0.0070	14.00	0.00	0.00%	4.92%	5.02%
Total Bill on RPP (before taxes)			280.91			279.98	(0.93)	(0.33)%	98.33%	
HST		13%	36.52		13%	36.40	(0.12)	(0.33)%	12.78%	
Total Bill (including HST)			317.43			316.38	(1.05)	(0.33)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(31.74)		(10%)	(31.64)	0.11	(0.33)%	-11.11%	
Total Bill on RPP (including OCEB)			285.69			284.74	(0.95)	(0.33)%	100.00%	
Total Bill on TOU (before taxes)			275.39			274.46	(0.93)	(0.34)%		98.33%
HST		13%	35.80		13%	35.68	(0.12)	(0.34)%		12.78%
Total Bill (including HST)			311.19			310.14	(1.05)	(0.34)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(31.12)		(10%)	(31.01)	0.11	(0.34)%		-11.11%
Total Bill on TOU (including OCEB)			280.07			279.13	(0.95)	(0.34)%		100.00%

General Service Less Than 50 kW

Consumption	5,000 kWh
RPP Tier One	750 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	750.00	0.0750	56.25	750.00	0.0750	56.25	0.00	0.00%	8.53%	
Energy Second Tier (kWh)	4,452.00	0.0880	391.78	4,452.00	0.0880	391.78	0.00	0.00%	59.40%	
TOU - Off Peak	3,329.28	0.0650	216.40	3,329.28	0.0650	216.40	0.00	0.00%		34.32%
TOU - Mid Peak	936.36	0.1000	93.64	936.36	0.1000	93.64	0.00	0.00%		14.85%
TOU - On Peak	936.36	0.1170	109.55	936.36	0.1170	109.55	0.00	0.00%		17.37%
Service Charge	1	30.96	30.96	1	31.23	31.23	0.27	0.87%	4.74%	4.95%
Service Charge Rate Rider(s)	1	12.57	12.57	1	12.57	12.57	0.00	0.00%	1.91%	1.99%
Distribution Volumetric Rate	5000	0.0138	69.00	5,000	0.0139	69.50	0.50	0.72%	10.54%	11.02%
Low Voltage Volumetric Rate	5000	0.0001	0.50	5,000	0.0001	0.50	0.00	0.00%	0.08%	0.08%
Distribution Volumetric Rate Rider(s)	5000	(0.0048)	(24.15)	5,000	(0.0055)	(27.65)	(3.50)	14.49%	-4.19%	-4.38%
Total: Distribution			88.88			86.15	(2.73)	(3.07%)	13.06%	13.66%
Retail Transmission Rate - Network Service Rate	5,202.00	0.0068	35.37	5,202.00	0.0068	35.37	0.00	0.00%	5.36%	5.61%
Retail Transmission Rate - Line and Transformation Connection	5,202.00	0.0021	10.92	5,202.00	0.0021	10.92	0.00	0.00%	1.66%	1.73%
Total: Retail Transmission			46.29			46.29	0.00	0.00%	7.02%	7.34%
Sub-Total: Delivery (Distribution and Retail Transmission)			135.17			132.44	(2.73)	(2.02%)	20.08%	21.00%
Wholesale Market Service Rate	5,202.00	0.0052	27.05	5,202.00	0.0052	27.05	0.00	0.00%	4.10%	4.29%
Rural Rate Protection Charge	5,202.00	0.0011	5.72	5,202.00	0.0011	5.72	0.00	0.00%	0.87%	0.91%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.04%	0.04%
Sub-Total: Regulatory			33.02			33.02	0.00	0.00%	5.01%	5.24%
Debt Retirement Charge (DRC)	5,000.00	0.00700	35.00	5,000.00	0.0070	35.00	0.00	0.00%	5.31%	5.55%
Total Bill on RPP (before taxes)			651.22			648.49	(2.73)	(0.42)%	98.33%	
HST		13%	84.66		13%	84.30	(0.35)	(0.42)%	12.78%	
Total Bill (including HST)			735.88			732.79	(3.08)	(0.42)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(73.59)		(10%)	(73.28)	0.31	(0.42)%	-11.11%	
Total Bill on RPP (including OCEB)			662.29			659.51	(2.78)	(0.42)%	100.00%	
Total Bill on TOU (before taxes)			622.79			620.06	(2.73)	(0.44)%		98.33%
HST		13%	80.96		13%	80.61	(0.35)	(0.44)%		12.78%
Total Bill (including HST)			703.75			700.67	(3.08)	(0.44)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(70.38)		(10%)	(70.07)	0.31	(0.44)%		-11.11%
Total Bill on TOU (including OCEB)			633.38			630.60	(2.78)	(0.44)%		100.00%

General Service Less Than 50 kW

Consumption	10,000 kWh
RPP Tier One	750 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	750.00	0.0750	56.25	750.00	0.0750	56.25	0.00	0.00%	4.38%	
Energy Second Tier (kWh)	9,654.00	0.0880	849.55	9,654.00	0.0880	849.55	0.00	0.00%	66.16%	
TOU - Off Peak	6,658.56	0.0650	432.81	6,658.56	0.0650	432.81	0.00	0.00%		35.58%
TOU - Mid Peak	1,872.72	0.1000	187.27	1,872.72	0.1000	187.27	0.00	0.00%		15.40%
TOU - On Peak	1,872.72	0.1170	219.11	1,872.72	0.1170	219.11	0.00	0.00%		18.01%
Service Charge	1	30.96	30.96	1	31.23	31.23	0.27	0.87%	2.43%	2.57%
Service Charge Rate Rider(s)	1	12.57	12.57	1	12.57	12.57	0.00	0.00%	0.98%	1.03%
Distribution Volumetric Rate	10000	0.0138	138.00	10,000	0.0139	139.00	1.00	0.72%	10.82%	11.43%
Low Voltage Volumetric Rate	10000	0.0001	1.00	10,000	0.0001	1.00	0.00	0.00%	0.08%	0.08%
Distribution Volumetric Rate Rider(s)	10000	(0.0048)	(48.30)	10,000	(0.0055)	(55.30)	(7.00)	14.49%	-4.31%	-4.55%
Total: Distribution			134.23			128.50	(5.73)	(4.27)%	10.01%	10.56%
Retail Transmission Rate - Network Service Rate	10,404.00	0.0068	70.75	10,404.00	0.0068	70.75	0.00	0.00%	5.51%	5.82%
Retail Transmission Rate - Line and Transformation Connection	10,404.00	0.0021	21.85	10,404.00	0.0021	21.85	0.00	0.00%	1.70%	1.80%
Total: Retail Transmission			92.60			92.60	0.00	0.00%	7.21%	7.61%
Sub-Total: Delivery (Distribution and Retail Transmission)			226.83			221.10	(5.73)	(2.53)%	17.22%	18.18%
Wholesale Market Service Rate	10,404.00	0.0052	54.10	10,404.00	0.0052	54.10	0.00	0.00%	4.21%	4.45%
Rural Rate Protection Charge	10,404.00	0.0011	11.44	10,404.00	0.0011	11.44	0.00	0.00%	0.89%	0.94%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.02%	0.02%
Sub-Total: Regulatory			65.80			65.80	0.00	0.00%	5.12%	5.41%
Debt Retirement Charge (DRC)	10,000.00	0.00700	70.00	10,000.00	0.0070	70.00	0.00	0.00%	5.45%	5.75%
Total Bill on RPP (before taxes)			1,268.43			1,262.70	(5.73)	(0.45)%	98.33%	
HST		13%	164.90		13%	164.15	(0.74)	(0.45)%	12.78%	
Total Bill (including HST)			1,433.33			1,426.85	(6.47)	(0.45)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(143.33)		(10%)	(142.69)	0.65	(0.45)%	-11.11%	
Total Bill on RPP (including OCEB)			1,289.99			1,284.17	(5.83)	(0.45)%	100.00%	
Total Bill on TOU (before taxes)			1,201.81			1,196.08	(5.73)	(0.48)%		98.33%
HST		13%	156.24		13%	155.49	(0.74)	(0.48)%		12.78%
Total Bill (including HST)			1,358.05			1,351.57	(6.47)	(0.48)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(135.80)		(10%)	(135.16)	0.65	(0.48)%		-11.11%
Total Bill on TOU (including OCEB)			1,222.24			1,216.41	(5.83)	(0.48)%		100.00%

General Service Less Than 50 kW

Consumption	15,000 kWh
RPP Tier One	750 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	750.00	0.0750	56.25	750.00	0.0750	56.25	0.00	0.00%	2.95%	
Energy Second Tier (kWh)	14,856.00	0.0880	1,307.33	14,856.00	0.0880	1,307.33	0.00	0.00%	68.49%	
TOU - Off Peak	9,987.84	0.0650	649.21	9,987.84	0.0650	649.21	0.00	0.00%		36.02%
TOU - Mid Peak	2,809.08	0.1000	280.91	2,809.08	0.1000	280.91	0.00	0.00%		15.59%
TOU - On Peak	2,809.08	0.1170	328.66	2,809.08	0.1170	328.66	0.00	0.00%		18.24%
Service Charge	1	30.96	30.96	1	31.23	31.23	0.27	0.87%	1.64%	1.73%
Service Charge Rate Rider(s)	1	12.57	12.57	1	12.57	12.57	0.00	0.00%	0.66%	0.70%
Distribution Volumetric Rate	15000	0.0138	207.00	15,000	0.0139	208.50	1.50	0.72%	10.92%	11.57%
Low Voltage Volumetric Rate	15000	0.0001	1.50	15,000	0.0001	1.50	0.00	0.00%	0.08%	0.08%
Distribution Volumetric Rate Rider(s)	15000	(0.0048)	(72.45)	15,000	(0.0055)	(82.95)	(10.50)	14.49%	-4.35%	-4.60%
Total: Distribution			179.58			170.85	(8.73)	(4.86)%	8.95%	9.48%
Retail Transmission Rate - Network Service Rate	15,606.00	0.0068	106.12	15,606.00	0.0068	106.12	0.00	0.00%	5.56%	5.89%
Retail Transmission Rate - Line and Transformation Connection	15,606.00	0.0021	32.77	15,606.00	0.0021	32.77	0.00	0.00%	1.72%	1.82%
Total: Retail Transmission			138.89			138.89	0.00	0.00%	7.28%	7.71%
Sub-Total: Delivery (Distribution and Retail Transmission)			318.47			309.74	(8.73)	(2.74)%	16.23%	17.19%
Wholesale Market Service Rate	15,606.00	0.0052	81.15	15,606.00	0.0052	81.15	0.00	0.00%	4.25%	4.50%
Rural Rate Protection Charge	15,606.00	0.0011	17.17	15,606.00	0.0011	17.17	0.00	0.00%	0.90%	0.95%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
Sub-Total: Regulatory			98.57			98.57	0.00	0.00%	5.16%	5.47%
Debt Retirement Charge (DRC)	15,000.00	0.00700	105.00	15,000.00	0.0070	105.00	0.00	0.00%	5.50%	5.83%
Total Bill on RPP (before taxes)			1,885.62			1,876.89	(8.73)	(0.46)%	98.33%	
HST		13%	245.13		13%	244.00	(1.13)	(0.46)%	12.78%	
Total Bill (including HST)			2,130.75			2,120.89	(9.86)	(0.46)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(213.08)		(10%)	(212.09)	0.99	(0.46)%	-11.11%	
Total Bill on RPP (including OCEB)			1,917.68			1,908.80	(8.88)	(0.46)%	100.00%	
Total Bill on TOU (before taxes)			1,780.82			1,772.09	(8.73)	(0.49)%		98.33%
HST		13%	231.51		13%	230.37	(1.13)	(0.49)%		12.78%
Total Bill (including HST)			2,012.33			2,002.46	(9.86)	(0.49)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(201.23)		(10%)	(200.25)	0.99	(0.49)%		-11.11%
Total Bill on TOU (including OCEB)			1,811.09			1,802.22	(8.88)	(0.49)%		100.00%

General Service 50 to 4,999 kW

Consumption	40,000	kWh	100.0	kW
RPP Tier One	-	kWh		
Load Factor	55%			
Loss Factor	1.0404			

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	41,615.98	0.0750	3,121.20	41,615.98	0.0750	3,121.20	0.00	0.00%	68.95%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	26,634.23	0.0650	1,731.22	26,634.23	0.0650	1,731.22	0.00	0.00%		36.32%
TOU - Mid Peak	7,490.88	0.1000	749.09	7,490.88	0.1000	749.09	0.00	0.00%		15.72%
TOU - On Peak	7,490.88	0.1170	876.43	7,490.88	0.1170	876.43	0.00	0.00%		18.39%
Service Charge	1	139.45	139.45	1	116.68	116.68	(22.77)	(16.33)%	2.58%	2.45%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	100	4.4733	447.33	100	4.6301	463.01	15.68	3.51%	10.23%	9.71%
Low Voltage Volumetric Rate	100	0.0551	5.51	100	0.0551	5.51	0.00	0.00%	0.12%	0.12%
Distribution Volumetric Rate Rider(s)	100	(1.3541)	(135.41)	100	(1.6023)	(160.23)	(24.82)	18.33%	-3.54%	-3.36%
Total: Distribution			456.88			424.97	(31.91)	(6.98)%	9.39%	8.92%
Retail Transmission Rate - Network Service Rate - (less than 1,000 kW)	100.00	2.7869	278.69	100.00	2.8042	280.42	1.73	0.62%	6.19%	5.88%
Retail Transmission Rate - Line and Transformation Connection Service Rate - (less than 1,000 kW)	100.00	0.8168	81.68	100.00	0.8212	82.12	0.44	0.54%	1.81%	1.72%
Total: Retail Transmission			360.37			362.54	2.17	0.60%	8.01%	7.61%
Sub-Total: Delivery (Distribution and Retail Transmission)			817.25			787.51	(29.74)	(3.64)%	17.40%	16.52%
Wholesale Market Service Rate	41,615.98	0.0052	216.40	41,615.98	0.0052	216.40	0.00	0.00%	4.78%	4.54%
Rural Rate Protection Charge	41,615.98	0.0011	45.78	41,615.98	0.0011	45.78	0.00	0.00%	1.01%	0.96%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
Sub-Total: Regulatory			262.43			262.43	0.00	0.00%	5.80%	5.51%
Debt Retirement Charge (DRC)	39,999.99	0.00700	280.00	39,999.99	0.0070	280.00	0.00	0.00%	6.19%	5.87%
Total Bill on RPP (before taxes)			4,480.88			4,451.14	(29.74)	(0.66)%	98.33%	
HST		13%	582.51		13%	578.65	(3.87)	(0.66)%	12.78%	
Total Bill (including HST)			5,063.39			5,029.79	(33.61)	(0.66)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(506.34)		(10%)	(502.98)	3.36	(0.66)%	-11.11%	
Total Bill on RPP (including OCEB)			4,557.05			4,526.81	(30.25)	(0.66)%	100.00%	
Total Bill on TOU (before taxes)			4,716.43			4,686.69	(29.74)	(0.63)%		98.33%
HST		13%	613.14		13%	609.27	(3.87)	(0.63)%		12.78%
Total Bill (including HST)			5,329.57			5,295.96	(33.61)	(0.63)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(532.96)		(10%)	(529.60)	3.36	(0.63)%		-11.11%
Total Bill on TOU (including OCEB)			4,796.61			4,766.36	(30.25)	(0.63)%		100.00%

General Service 50 to 4,999 kW

Consumption	100,000	kWh	250.0	kW
RPP Tier One	-	kWh		
Load Factor	55%			
Loss Factor	1.0404			

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	104,039.96	0.0750	7,803.00	104,039.96	0.0750	7,803.00	0.00	0.00%	70.05%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	66,585.58	0.0650	4,328.06	66,585.58	0.0650	4,328.06	0.00	0.00%		36.87%
TOU - Mid Peak	18,727.19	0.1000	1,872.72	18,727.19	0.1000	1,872.72	0.00	0.00%		15.95%
TOU - On Peak	18,727.19	0.1170	2,191.08	18,727.19	0.1170	2,191.08	0.00	0.00%		18.67%
Service Charge	1	139.45	139.45	1	116.68	116.68	(22.77)	(16.33)%	1.05%	0.99%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	250	4.4733	1,118.33	250	4.6301	1,157.53	39.20	3.51%	10.39%	9.86%
Low Voltage Volumetric Rate	250	0.0551	13.78	250	0.0551	13.78	0.00	0.00%	0.12%	0.12%
Distribution Volumetric Rate Rider(s)	250	(1.3541)	(338.52)	250	(1.6023)	(400.57)	(62.05)	-18.33%	-3.60%	-3.41%
Total: Distribution			933.03			887.41	(45.62)	(4.89)%	7.97%	7.56%
Retail Transmission Rate - Network Service Rate - (less than 1,000 kW)	250.00	2.7869	696.72	250.00	2.8042	701.05	4.33	0.62%	6.29%	5.97%
Retail Transmission Rate - Line and Transformation Connection Service Rate - (less than 1,000 kW)	250.00	0.8168	204.20	250.00	0.8212	205.30	1.10	0.54%	1.84%	1.75%
Total: Retail Transmission			900.92			906.35	5.43	0.60%	8.14%	7.72%
Sub-Total: Delivery (Distribution and Retail Transmission)			1,833.95			1,793.76	(40.19)	(2.19)%	16.10%	15.28%
Wholesale Market Service Rate	104,039.96	0.0052	541.01	104,039.96	0.0052	541.01	0.00	0.00%	4.86%	4.61%
Rural Rate Protection Charge	104,039.96	0.0011	114.44	104,039.96	0.0011	114.44	0.00	0.00%	1.03%	0.98%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%	0.00%
Sub-Total: Regulatory			655.70			655.70	0.00	0.00%	5.89%	5.59%
Debt Retirement Charge (DRC)	99,999.96	0.00700	700.00	99,999.96	0.0070	700.00	0.00	0.00%	6.28%	5.96%
Total Bill on RPP (before taxes)			10,992.65			10,952.46	(40.19)	(0.37)%	98.33%	
HST		13%	1,429.04		13%	1,423.82	(5.22)	(0.37)%	12.78%	
Total Bill (including HST)			12,421.69			12,376.28	(45.41)	(0.37)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(1,242.17)		(10%)	(1,237.63)	4.54	(0.37)%	-11.11%	
Total Bill on RPP (including OCEB)			11,179.53			11,138.65	(40.87)	(0.37)%	100.00%	
Total Bill on TOU (before taxes)			11,581.51			11,541.32	(40.19)	(0.35)%		98.33%
HST		13%	1,505.60		13%	1,500.37	(5.22)	(0.35)%		12.78%
Total Bill (including HST)			13,087.11			13,041.69	(45.41)	(0.35)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(1,308.71)		(10%)	(1,304.17)	4.54	(0.35)%		-11.11%
Total Bill on TOU (including OCEB)			11,778.40			11,737.52	(40.87)	(0.35)%		100.00%

General Service 50 to 4,999 kW

Consumption	200,000	kWh	500.0	kW
RPP Tier One	-	kWh		
Load Factor	55%			
Loss Factor	1.0404			

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	208,079.92	0.0750	15,605.99	208,079.92	0.0750	15,605.99	0.00	0.00%	70.43%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	133,171.15	0.0650	8,656.12	133,171.15	0.0650	8,656.12	0.00	0.00%		37.06%
TOU - Mid Peak	37,454.39	0.1000	3,745.44	37,454.39	0.1000	3,745.44	0.00	0.00%		16.04%
TOU - On Peak	37,454.39	0.1170	4,382.16	37,454.39	0.1170	4,382.16	0.00	0.00%		18.76%
Service Charge	1	139.45	139.45	1	116.68	116.68	(22.77)	(16.33)%	0.53%	0.50%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	500	4.4733	2,236.65	500	4.6301	2,315.05	78.40	3.51%	10.45%	9.91%
Low Voltage Volumetric Rate	500	0.0551	27.55	500	0.0551	27.55	0.00	0.00%	0.12%	0.12%
Distribution Volumetric Rate Rider(s)	500	(1.3541)	(677.04)	500	(1.6023)	(801.14)	(124.10)	18.33%	-3.62%	-3.43%
Total: Distribution			1,726.61			1,658.14	(68.47)	(3.97)%	7.48%	7.10%
Retail Transmission Rate - Network Service Rate - (less than 1,000 kW)	500.00	2.7869	1,393.45	500.00	2.8042	1,402.10	8.65	0.62%	6.33%	6.00%
Retail Transmission Rate - Line and Transformation Connection Service Rate - (less than 1,000 kW)	500.00	0.8168	408.40	500.00	0.8212	410.60	2.20	0.54%	1.85%	1.76%
Total: Retail Transmission			1,801.85			1,812.70	10.85	0.60%	8.18%	7.76%
Sub-Total: Delivery (Distribution and Retail Transmission)			3,528.46			3,470.84	(57.62)	(1.63)%	15.66%	14.86%
Wholesale Market Service Rate	208,079.92	0.0052	1,082.02	208,079.92	0.0052	1,082.02	0.00	0.00%	4.88%	4.63%
Rural Rate Protection Charge	208,079.92	0.0011	228.89	208,079.92	0.0011	228.89	0.00	0.00%	1.03%	0.98%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%	0.00%
Sub-Total: Regulatory			1,311.15			1,311.15	0.00	0.00%	5.92%	5.61%
Debt Retirement Charge (DRC)	199,999.93	0.00700	1,400.00	199,999.93	0.0070	1,400.00	0.00	0.00%	6.32%	5.99%
Total Bill on RPP (before taxes)			21,845.61			21,787.99	(57.62)	(0.26)%	98.33%	
HST		13%	2,839.93		13%	2,832.44	(7.49)	(0.26)%	12.78%	
Total Bill (including HST)			24,685.54			24,620.43	(65.11)	(0.26)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(2,468.55)		(10%)	(2,462.04)	6.51	(0.26)%	-11.11%	
Total Bill on RPP (including OCEB)			22,216.99			22,158.39	(58.60)	(0.26)%	100.00%	
Total Bill on TOU (before taxes)			23,023.34			22,965.72	(57.62)	(0.25)%		98.33%
HST		13%	2,993.03		13%	2,985.54	(7.49)	(0.25)%		12.78%
Total Bill (including HST)			26,016.37			25,951.26	(65.11)	(0.25)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(2,601.64)		(10%)	(2,595.13)	6.51	(0.25)%		-11.11%
Total Bill on TOU (including OCEB)			23,414.74			23,356.14	(58.60)	(0.25)%		100.00%

General Service 50 to 4,999 kW

Consumption	400,000	kWh	1,000.0	kW
RPP Tier One	-	kWh		
Load Factor	55%			
Loss Factor	1.0404			

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	416,159.84	0.0750	31,211.99	416,159.84	0.0750	31,211.99	0.00	0.00%	70.62%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	266,342.30	0.0650	17,312.25	266,342.30	0.0650	17,312.25	0.00	0.00%		37.16%
TOU - Mid Peak	74,908.77	0.1000	7,490.88	74,908.77	0.1000	7,490.88	0.00	0.00%		16.08%
TOU - On Peak	74,908.77	0.1170	8,764.33	74,908.77	0.1170	8,764.33	0.00	0.00%		18.81%
Service Charge	1	139.45	139.45	1	116.68	116.68	(22.77)	(16.33)%	0.26%	0.25%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1000	4.4733	4,473.30	1,000	4.6301	4,630.10	156.80	3.51%	10.48%	9.94%
Low Voltage Volumetric Rate	1000	0.0551	55.10	1,000	0.0551	55.10	0.00	0.00%	0.12%	0.12%
Distribution Volumetric Rate Rider(s)	1000	(1.3541)	(1,354.08)	1,000	(1.6023)	(1,602.28)	(248.20)	18.33%	-3.63%	-3.44%
Total: Distribution			3,313.77			3,199.60	(114.17)	(3.45)%	7.24%	6.87%
Retail Transmission Rate - Network Service Rate - (less than 1,000 kW)	1,000.00	2.7869	2,786.90	1,000.00	2.8042	2,804.20	17.30	0.62%	6.34%	6.02%
Retail Transmission Rate - Line and Transformation Connection Service Rate - (less than 1,000 kW)	1,000.00	0.8168	816.80	1,000.00	0.8212	821.20	4.40	0.54%	1.86%	1.76%
Total: Retail Transmission			3,603.70			3,625.40	21.70	0.60%	8.20%	7.78%
Sub-Total: Delivery (Distribution and Retail Transmission)			6,917.47			6,825.00	(92.47)	(1.34)%	15.44%	14.65%
Wholesale Market Service Rate	416,159.84	0.0052	2,164.03	416,159.84	0.0052	2,164.03	0.00	0.00%	4.90%	4.64%
Rural Rate Protection Charge	416,159.84	0.0011	457.78	416,159.84	0.0011	457.78	0.00	0.00%	1.04%	0.98%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%	0.00%
Sub-Total: Regulatory			2,622.06			2,622.06	0.00	0.00%	5.93%	5.63%
Debt Retirement Charge (DRC)	399,999.85	0.00700	2,800.00	399,999.85	0.0070	2,800.00	0.00	0.00%	6.34%	6.01%
Total Bill on RPP (before taxes)			43,551.51			43,459.04	(92.47)	(0.21)%	98.33%	
HST		13%	5,661.70		13%	5,649.68	(12.02)	(0.21)%	12.78%	
Total Bill (including HST)			49,213.21			49,108.72	(104.49)	(0.21)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(4,921.32)		(10%)	(4,910.87)	10.45	(0.21)%	-11.11%	
Total Bill on RPP (including OCEB)			44,291.89			44,197.84	(94.04)	(0.21)%	100.00%	
Total Bill on TOU (before taxes)			45,906.98			45,814.51	(92.47)	(0.20)%		98.33%
HST		13%	5,967.91		13%	5,955.89	(12.02)	(0.20)%		12.78%
Total Bill (including HST)			51,874.89			51,770.40	(104.49)	(0.20)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(5,187.49)		(10%)	(5,177.04)	10.45	(0.20)%		-11.11%
Total Bill on TOU (including OCEB)			46,687.40			46,593.36	(94.04)	(0.20)%		100.00%

Large Use

Consumption 7,000,000 kWh 12,300.0 kW
RPP Tier One - kWh
Load Factor 78%
Loss Factor 1.0150

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	7,104,999.66	0.0750	532,874.97	7,104,999.66	0.0750	532,874.97	0.00	0.00%	80.88%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	4,547,199.78	0.0650	295,567.99	4,547,199.78	0.0650	295,567.99	0.00	0.00%		42.24%
TOU - Mid Peak	1,278,899.94	0.1000	127,889.99	1,278,899.94	0.1000	127,889.99	0.00	0.00%		18.28%
TOU - On Peak	1,278,899.94	0.1170	149,631.29	1,278,899.94	0.1170	149,631.29	0.00	0.00%		21.38%
Service Charge	1	6,758.68	6,758.68	1	6,818.16	6,818.16	59.48	0.88%	1.03%	0.97%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	12300	3.2337	39,774.51	12,300	3.2622	40,125.06	350.55	0.88%	6.09%	5.73%
Low Voltage Volumetric Rate	12300	0.0553	680.19	12,300	0.0553	680.19	0.00	0.00%	0.10%	0.10%
Distribution Volumetric Rate Rider(s)	12300	(1.7423)	(21,429.68)	12,300	(2.1511)	(26,457.92)	(5,028.24)	23.46%	-4.02%	-3.78%
Total: Distribution			25,783.71			21,165.50	(4,618.21)	(17.91)%	3.21%	3.02%
Total: Retail Transmission	12,300.0	4.3012	52,804.75	12,300.0	4.3271	53,223.33	318.57	0.60%		
Sub-Total: Delivery (Distribution and Retail Transmission)			78,688.47			74,388.83	(4,299.64)	(5.46%)	3.21%	3.02%
Wholesale Market Service Rate	7,104,999.66	0.0052	36,946.00	7,104,999.66	0.0052	36,946.00	0.00	0.00%	5.61%	5.28%
Rural Rate Protection Charge	7,104,999.66	0.0011	7,815.50	7,104,999.66	0.0011	7,815.50	0.00	0.00%	1.19%	1.12%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%	0.00%
Sub-Total: Regulatory			44,761.75			44,761.75	0.00	0.00%	6.79%	6.40%
Debt Retirement Charge (DRC)	6,999,999.67	0.00700	49,000.00	6,999,999.67	0.0070	49,000.00	0.00	0.00%	7.44%	7.00%
Total Bill on RPP (before taxes)			705,325.19			701,025.55	(4,299.64)	(0.61)%	98.33%	
HST		13%	91,692.27		13%	91,133.32	(558.95)	(0.61)%	12.78%	
Total Bill (including HST)			797,017.46			792,158.87	(4,858.59)	(0.61)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(79,701.75)		(10%)	(79,215.89)	485.86	(0.61)%	-11.11%	
Total Bill on RPP (including OCEB)			717,315.72			712,942.98	(4,372.73)	(0.61)%	100.00%	
Total Bill on TOU (before taxes)			745,539.49			741,239.85	(4,299.64)	(0.58)%		98.33%
HST		13%	96,920.13		13%	96,361.18	(558.95)	(0.58)%		12.78%
Total Bill (including HST)			842,459.62			837,601.03	(4,858.59)	(0.58)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(84,245.96)		(10%)	(83,760.10)	485.86	(0.58)%		-11.11%
Total Bill on TOU (including OCEB)			758,213.66			753,840.93	(4,372.73)	(0.58)%		100.00%

Formula required to be changed

Unmetered Scattered Load

Consumption	150 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	156.06	0.0750	11.70	156.06	0.0750	11.70	0.00	0.00%	34.40%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	99.88	0.0650	6.49	99.88	0.0650	6.49	0.00	0.00%		18.59%
TOU - Mid Peak	28.09	0.1000	2.81	28.09	0.1000	2.81	0.00	0.00%		8.04%
TOU - On Peak	28.09	0.1170	3.29	28.09	0.1170	3.29	0.00	0.00%		9.41%
Service Charge	1	15.48	15.48	1	15.62	15.62	0.14	0.90%	45.90%	44.73%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	150	0.0192	2.88	150	0.0194	2.91	0.03	1.04%	8.55%	8.33%
Low Voltage Volumetric Rate	150	0.0001	0.02	150	0.0001	0.02	0.00	0.00%	0.04%	0.04%
Distribution Volumetric Rate Rider(s)	150	(0.0024)	(0.36)	150	(0.0031)	(0.47)	(0.11)	28.81%	-1.38%	-1.34%
Total: Distribution			18.01			18.08	0.07	0.39%	53.13%	51.77%
Retail Transmission Rate - Network Service Rate	156.06	0.0068	1.06	156.06	0.0068	1.06	0.00	0.00%	3.12%	3.04%
Retail Transmission Rate - Line and Transformation Connection	156.06	0.0021	0.33	156.06	0.0021	0.33	0.00	0.00%	0.97%	0.94%
Total: Retail Transmission			1.39			1.39	0.00	0.00%	4.08%	3.98%
Sub-Total: Delivery (Distribution and Retail Transmission)			19.40			19.47	0.07	0.36%	57.22%	55.75%
Wholesale Market Service Rate	156.06	0.0052	0.81	156.06	0.0052	0.81	0.00	0.00%	2.38%	2.32%
Rural Rate Protection Charge	156.06	0.0011	0.17	156.06	0.0011	0.17	0.00	0.00%	0.50%	0.49%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.73%	0.72%
Sub-Total: Regulatory			1.23			1.23	0.00	0.00%	3.62%	3.53%
Debt Retirement Charge (DRC)	150.00	0.00700	1.05	150.00	0.0070	1.05	0.00	0.00%	3.09%	3.01%
Total Bill on RPP (before taxes)			33.39			33.46	0.07	0.21%	98.33%	
HST		13%	4.34		13%	4.35	0.01	0.21%	12.78%	
Total Bill (including HST)			37.73			37.81	0.08	0.21%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(3.77)		(10%)	(3.78)	(0.01)	0.21%	-11.11%	
Total Bill on RPP (including OCEB)			33.96			34.03	0.07	0.21%	100.00%	
Total Bill on TOU (before taxes)			34.27			34.34	0.07	0.20%		98.33%
HST		13%	4.46		13%	4.46	0.01	0.20%		12.78%
Total Bill (including HST)			38.73			38.80	0.08	0.20%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(3.87)		(10%)	(3.88)	(0.01)	0.20%		-11.11%
Total Bill on TOU (including OCEB)			34.85			34.92	0.07	0.20%		100.00%

Unmetered Scattered Load

Consumption	250 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0404

	CURRENT ESTIMATED			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	260.10	0.0750	19.51	260.10	0.0750	19.51	0.00	0.00%	42.46%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	166.46	0.0650	10.82	166.46	0.0650	10.82	0.00	0.00%		22.81%
TOU - Mid Peak	46.82	0.1000	4.68	46.82	0.1000	4.68	0.00	0.00%		9.87%
TOU - On Peak	46.82	0.1170	5.48	46.82	0.1170	5.48	0.00	0.00%		11.55%
Service Charge	1	15.48	15.48	1	15.62	15.62	0.14	0.90%	33.99%	32.92%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	250	0.0192	4.80	250	0.0194	4.85	0.05	1.04%	10.56%	10.22%
Low Voltage Volumetric Rate	250	0.0001	0.03	250	0.0001	0.03	0.00	0.00%	0.05%	0.05%
Distribution Volumetric Rate Rider(s)	250	(0.0024)	(0.61)	250	(0.0031)	(0.78)	(0.18)	28.81%	-1.70%	-1.65%
Total: Distribution			19.70			19.71	0.01	0.05%	42.90%	41.54%
Retail Transmission Rate - Network Service Rate	260.10	0.0068	1.77	260.10	0.0068	1.77	0.00	0.00%	3.85%	3.73%
Retail Transmission Rate - Line and Transformation Connection	260.10	0.0021	0.55	260.10	0.0021	0.55	0.00	0.00%	1.20%	1.16%
Total: Retail Transmission			2.32			2.32	0.00	0.00%	5.05%	4.89%
Sub-Total: Delivery (Distribution and Retail Transmission)			22.02			22.03	0.01	0.05%	47.95%	46.43%
Wholesale Market Service Rate	260.10	0.0052	1.35	260.10	0.0052	1.35	0.00	0.00%	2.94%	2.85%
Rural Rate Protection Charge	260.10	0.0011	0.29	260.10	0.0011	0.29	0.00	0.00%	0.62%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.54%	0.53%
Sub-Total: Regulatory			1.89			1.89	0.00	0.00%	4.11%	3.98%
Debt Retirement Charge (DRC)	250.00	0.00700	1.75	250.00	0.0070	1.75	0.00	0.00%	3.81%	3.69%
Total Bill on RPP (before taxes)			45.17			45.18	0.01	0.02%	98.33%	
HST		13%	5.87		13%	5.87	0.00	0.02%	12.78%	
Total Bill (including HST)			51.04			51.05	0.01	0.02%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(5.10)		(10%)	(5.11)	(0.00)	0.02%	-11.11%	
Total Bill on RPP (including OCEB)			45.94			45.95	0.01	0.02%	100.00%	
Total Bill on TOU (before taxes)			46.64			46.65	0.01	0.02%		98.33%
HST		13%	6.06		13%	6.06	0.00	0.02%		12.78%
Total Bill (including HST)			52.70			52.71	0.01	0.02%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(5.27)		(10%)	(5.27)	(0.00)	0.02%		-11.11%
Total Bill on TOU (including OCEB)			47.43			47.44	0.01	0.02%		100.00%

Street Lighting

Consumption	150 kWh	1.0 kW
RPP Tier One	- kWh	
Load Factor	21%	
Loss Factor	1.0404	

	CURRENT			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	155.70	0.0750	11.68	155.70	0.0750	11.68	0.00	0.00%	48.20%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	99.65	0.0650	6.48	99.65	0.0650	6.48	0.00	0.00%		25.78%
TOU - Mid Peak	28.03	0.1000	2.80	28.03	0.1000	2.80	0.00	0.00%		11.16%
TOU - On Peak	28.03	0.1170	3.28	28.03	0.1170	3.28	0.00	0.00%		13.05%
Service Charge	1	0.33	0.33	1	0.33	0.33	0.00	0.00%	1.36%	1.31%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1	8.4131	8.41	1	8.4871	8.49	0.07	0.88%	35.03%	33.79%
Low Voltage Volumetric Rate	1	0.0341	0.03	1	0.0341	0.03	0.00	0.00%	0.14%	0.14%
Distribution Volumetric Rate Rider(s)	1	(1.5535)	(1.55)	1	(1.7436)	(1.74)	(0.19)	12.24%	-7.20%	-6.94%
Total: Distribution			7.22			7.11	(0.11)	(1.52)%	29.35%	28.30%
Retail Transmission Rate - Network Service Rate	1.00	2.1021	2.10	1.00	2.1152	2.12	0.02	0.95%	8.75%	8.44%
Retail Transmission Rate - Line and Transformation Connection Service Rate	1.00	0.6313	0.63	1.00	0.6347	0.63	0.00	0.00%	2.60%	2.51%
Total: Retail Transmission			2.73			2.75	0.02	0.73%	11.35%	10.95%
Sub-Total: Delivery (Distribution and Retail Transmission)			9.95			9.86	(0.09)	(0.90)%	40.70%	39.25%
Wholesale Market Service Rate	155.70	0.0052	0.81	155.70	0.0052	0.81	0.00	0.00%	3.34%	3.22%
Rural Rate Protection Charge	155.70	0.0011	0.17	155.70	0.0011	0.17	0.00	0.00%	0.71%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.03%	1.00%
Sub-Total: Regulatory			1.23			1.23	0.00	0.00%	5.08%	4.90%
Debt Retirement Charge (DRC)	149.65	0.00700	1.05	149.65	0.0070	1.05	0.00	0.00%	4.32%	4.17%
Total Bill on RPP (before taxes)			23.91			23.82	(0.09)	(0.38)%	98.33%	
HST		13%	3.11		13%	3.10	(0.01)	(0.38)%	12.78%	
Total Bill (including HST)			27.02			26.92	(0.10)	(0.38)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(2.70)		(10%)	(2.69)	0.01	(0.38)%	-11.11%	
Total Bill on RPP (including OCEB)			24.32			24.22	(0.09)	(0.38)%	100.00%	
Total Bill on TOU (before taxes)			24.79			24.70	(0.09)	(0.36)%		98.33%
HST		13%	3.22		13%	3.21	(0.01)	(0.36)%	12.78%	
Total Bill (including HST)			28.01			27.91	(0.10)	(0.36)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(2.80)		(10%)	(2.79)	0.01	(0.36)%	-11.11%	
Total Bill on TOU (including OCEB)			25.21			25.12	(0.09)	(0.36)%		100.00%

Street Lighting

Consumption	50 kWh	0.14 kW
RPP Tier One	- kWh	
Load Factor	49%	
Loss Factor	1.0404	

	CURRENT			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	52.10	0.0750	3.91	52.10	0.0750	3.91	0.00	0.00%	59.02%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	33.34	0.0650	2.17	33.34	0.0650	2.17	0.00	0.00%		31.34%
TOU - Mid Peak	9.38	0.1000	0.94	9.38	0.1000	0.94	0.00	0.00%		13.56%
TOU - On Peak	9.38	0.1170	1.10	9.38	0.1170	1.10	0.00	0.00%		15.87%
Service Charge	1	0.33	0.33	1	0.33	0.33	0.00	0.00%	4.98%	4.77%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	0	8.4131	1.18	0	8.4871	1.19	0.01	0.88%	17.95%	17.18%
Low Voltage Volumetric Rate	0	0.0341	0.00	0	0.0341	0.00	0.00	0.00%	0.07%	0.07%
Distribution Volumetric Rate Rider(s)	0	(1.5535)	(0.22)	0	(1.7436)	(0.24)	(0.03)	12.24%	-3.69%	-3.53%
Total: Distribution			1.30			1.28	(0.02)	(1.54)%	19.33%	18.51%
Retail Transmission Rate - Network Service Rate	0.14	2.1021	0.29	0.14	2.1152	0.30	0.01	3.45%	4.53%	4.34%
Retail Transmission Rate - Line and Transformation Connection	0.14	0.6313	0.09	0.14	0.6347	0.09	0.00	0.00%	1.36%	1.30%
Total: Retail Transmission			0.38			0.39	0.01	2.63%	5.89%	5.64%
Sub-Total: Delivery (Distribution and Retail Transmission)			1.68			1.67	(0.01)	(0.60)%	25.22%	24.15%
Wholesale Market Service Rate	52.10	0.0052	0.27	52.10	0.0052	0.27	0.00	0.00%	4.09%	3.92%
Rural Rate Protection Charge	52.10	0.0011	0.06	52.10	0.0011	0.06	0.00	0.00%	0.87%	0.83%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	3.78%	3.62%
Sub-Total: Regulatory			0.58			0.58	0.00	0.00%	8.73%	8.36%
Debt Retirement Charge (DRC)	50.08	0.00700	0.35	50.08	0.0070	0.35	0.00	0.00%	5.29%	5.07%
Total Bill on RPP (before taxes)			6.52			6.51	(0.01)	(0.15)%	98.33%	
HST		13%	0.85		13%	0.85	(0.00)	(0.15)%	12.78%	
Total Bill (including HST)			7.37			7.36	(0.01)	(0.15)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(0.74)		(10%)	(0.74)	0.00	(0.15)%	-11.11%	
Total Bill on RPP (including OCEB)			6.63			6.62	(0.01)	(0.15)%	100.00%	
Total Bill on TOU (before taxes)			6.81			6.80	(0.01)	(0.15)%		98.33%
HST		13%	0.89		13%	0.88	(0.00)	(0.15)%		12.78%
Total Bill (including HST)			7.70			7.68	(0.01)	(0.15)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(0.77)		(10%)	(0.77)	0.00	(0.15)%		-11.11%
Total Bill on TOU (including OCEB)			6.93			6.92	(0.01)	(0.15)%		100.00%

Embedded Distributor

Consumption	2,375,000	kWh	6,000.0	kW
RPP Tier One	-	kWh		
Load Factor	54%			
Loss Factor	1.0404			

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	2,470,949.80	0.0750	185,321.24	2,470,949.80	0.0750	185,321.24	0.00	0.00%	87.22%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	1,581,407.87	0.0650	102,791.51	1,581,407.87	0.0650	102,791.51	0.00	0.00%		45.34%
TOU - Mid Peak	444,770.96	0.1000	44,477.10	444,770.96	0.1000	44,477.10	0.00	0.00%		19.62%
TOU - On Peak	444,770.96	0.1170	52,038.20	444,770.96	0.1170	52,038.20	0.00	0.00%		22.95%
Service Charge	1		0.00	1		0.00	0.00	0.00%	0.00%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	6000	0.0121	72.60	6,000	0.0122	73.20	0.60	0.83%	0.03%	0.03%
Low Voltage Volumetric Rate	6000		0.00	6,000		0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	6000	(1.2150)	(7,289.88)	6,000	(1.4431)	(8,658.48)	(1,368.60)	#####	-4.07%	-3.82%
Total: Distribution			(7,217.28)			(8,585.28)	(1,368.00)	#####	-4.04%	-3.79%
Total: Retail Transmission										
Sub-Total: Delivery (Distribution and Retail Transmission)			-7,217.28			(8,585.28)	(1,368.00)	#####	-4.04%	-3.79%
Wholesale Market Service Rate	2,470,949.80	0.0052	12,848.94	2,470,949.80	0.0052	12,848.94	0.00	0.00%	6.05%	5.67%
Rural Rate Protection Charge	2,470,949.80	0.0011	2,718.04	2,470,949.80	0.0011	2,718.04	0.00	0.00%	1.28%	1.20%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%	0.00%
Sub-Total: Regulatory			15,567.23			15,567.23	0.00	0.00%	7.33%	6.87%
Debt Retirement Charge (DRC)	2,374,999.81	0.00700	16,625.00	2,374,999.81	0.0070	16,625.00	0.00	0.00%	7.82%	7.33%
Total Bill on RPP (before taxes)			210,296.19			208,928.19	(1,368.00)	(0.65)%	98.33%	
HST		13%	27,338.50		13%	27,160.66	(177.84)	(0.65)%	12.78%	
Total Bill (including HST)			237,634.69			236,088.85	(1,545.84)	(0.65)%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(23,763.47)		(10%)	(23,608.89)	154.58	(0.65)%	-11.11%	
Total Bill on RPP (including OCEB)			213,871.23			212,479.97	(1,391.26)	(0.65)%	100.00%	
Total Bill on TOU (before taxes)			224,281.76			222,913.76	(1,368.00)	(0.61)%		98.33%
HST		13%	29,156.63		13%	28,978.79	(177.84)	(0.61)%		12.78%
Total Bill (including HST)			253,438.39			251,892.55	(1,545.84)	(0.61)%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(25,343.84)		(10%)	(25,189.25)	154.58	(0.61)%		-11.11%
Total Bill on TOU (including OCEB)			228,094.55			226,703.29	(1,391.26)	(0.61)%		100.00%

Formula required to be changed

Attachment F

Revenue Requirement Work Form

2011 Cost of Service

EB-2010-0144



Revenue Requirement Work Form

Name of LDC: Waterloo North Hydro Inc. (1)
 File Number: EB-2010-0144
 Rate Year: 2011 Version: 2.11

Table of Content

<u>Sheet</u>	<u>Name</u>
A	Data Input Sheet
1	Rate Base
2	Utility Income
3	Taxes/PILS
4	Capitalization/Cost of Capital
5	Revenue Sufficiency/Deficiency
6	Revenue Requirement
7A	Bill Impacts -Residential
7B	Bill Impacts - GS < 50 kW

Notes:

- (1) Pale green cells represent inputs
- (2) Pale yellow cells represent drop=down lists
- (3) **Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.**
- (4) **Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel format.**

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Revenue Requirement Work Form

Name of LDC: Waterloo North Hydro Inc.

File Number: EB-2010-0144

Rate Year: 2011

Data Input										(1)
	Initial Application		Adjustments		Settlement Agreement	(7)	Adjustments		Per Board Decision	
1 Rate Base										
Gross Fixed Assets (average)	\$243,087,168		(\$1,795,978)		\$ 241,291,190				\$241,291,190	
Accumulated Depreciation (average)	(\$109,118,578)	(5)	(\$155,779)		\$- 109,274,357				(\$109,274,357)	
Allowance for Working Capital:										
Controllable Expenses	\$10,183,838		(\$169,500)		\$ 10,014,338		\$24,944		\$10,039,282	
Cost of Power	\$115,414,347		\$1,075,525		\$ 116,489,872				\$116,489,872	
Working Capital Rate (%)	15.00%				15.00%				15.00%	
2 Utility Income										
Operating Revenues:										
Distribution Revenue at Current Rates	\$23,968,200		\$369,916		\$24,338,116		\$0		\$24,338,116	
Distribution Revenue at Proposed Rates	\$28,980,640		(\$861,240)		\$28,119,401		\$25,257		\$28,144,657	
Other Revenue:										
Specific Service Charges	\$245,845		\$0		\$245,845		\$0		\$245,845	
Late Payment Charges	\$180,000		\$0		\$180,000		\$0		\$180,000	
Other Distribution Revenue	\$278,819		\$0		\$278,819		\$0		\$278,819	
Other Income and Deductions	\$351,299		(\$55,006)		\$296,293		\$0		\$296,293	
Operating Expenses:										
OM+A Expenses	\$10,183,838		(\$169,500)		\$ 10,014,338		\$24,944		\$10,039,282	
Depreciation/Amortization	\$7,816,331		(\$66,909)		\$ 7,749,422				\$7,749,422	
Property taxes										
Capital taxes										
Other expenses										
3 Taxes/PILs										
Taxable Income:										
Adjustments required to arrive at taxable income	(\$2,724,063)	(3)			(\$2,603,005)				(\$2,603,005)	
Utility Income Taxes and Rates:										
Income taxes (not grossed up)	\$886,355				\$767,745				\$767,786	
Income taxes (grossed up)	\$1,212,310				\$1,011,788				\$1,011,845	
Capital Taxes		(6)				(6)				(6)
Federal tax (%)	16.50%				16.50%				16.50%	
Provincial tax (%)	10.39%				7.62%				7.62%	
Income Tax Credits										
4 Capitalization/Cost of Capital										
Capital Structure:										
Long-term debt Capitalization Ratio (%)	56.0%				56.0%				56.0%	
Short-term debt Capitalization Ratio (%)	4.0%	(2)			4.0%	(2)			4.0%	(2)
Common Equity Capitalization Ratio (%)	40.0%				40.0%				40.0%	
Preferred Shares Capitalization Ratio (%)										
	100.0%				100.0%				100.0%	
Cost of Capital										
Long-term debt Cost Rate (%)	5.47%				5.22%				5.22%	
Short-term debt Cost Rate (%)	2.07%				2.46%				2.46%	
Common Equity Cost Rate (%)	9.85%				9.58%				9.58%	
Preferred Shares Cost Rate (%)										

Notes:

(Rate Base through Revenue Requirement), except for Notes that the utility may wish to use to support the data. Notes should be put on the applicable pages to explain numbers shown.

(1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)

(2) 4.0% unless an Applicant has proposed or been approved for another amount.

(3) Net of addbacks and deductions to arrive at taxable income.

(4) Average of Gross Fixed Assets at beginning and end of the Test Year

(5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.

(6) Not applicable as of July 1, 2010

(7) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.

Note - Provincial tax rate reduced to reflect the fact that there are \$61,453 in tax credits



Revenue Requirement Work Form

Name of LDC: Waterloo North Hydro Inc.
File Number: EB-2010-0144
Rate Year: 2011

Version: 2.11

Rate Base						
Line No.	Particulars	Initial Application	Adjustments	Settlement Agreement	Adjustments	Per Board Decision
1	Gross Fixed Assets (average) (3)	\$243,087,168	(\$1,795,978)	\$241,291,190	\$ -	\$241,291,190
2	Accumulated Depreciation (average) (3)	(\$109,118,578)	(\$155,779)	(\$109,274,357)	\$ -	(\$109,274,357)
3	Net Fixed Assets (average) (3)	\$133,968,589	(\$1,951,757)	\$132,016,832	\$ -	\$132,016,832
4	Allowance for Working Capital (1)	\$18,839,728	\$135,904	\$18,975,631	\$3,742	\$18,979,373
5	Total Rate Base	\$152,808,317	(\$1,815,853)	\$150,992,464	\$3,742	\$150,996,206
(1) Allowance for Working Capital - Derivation						
6	Controllable Expenses	\$10,183,838	(\$169,500)	\$10,014,338	\$24,944	\$10,039,282
7	Cost of Power	\$115,414,347	\$1,075,525	\$116,489,872	\$ -	\$116,489,872
8	Working Capital Base	\$125,598,185	\$906,025	\$126,504,210	\$24,944	\$126,529,154
9	Working Capital Rate % (2)	15.00%	0.00%	15.00%	0.00%	15.00%
10	Working Capital Allowance	\$18,839,728	\$135,904	\$18,975,631	\$3,742	\$18,979,373

Notes

- (2) Generally 15%. Some distributors may have a unique rate due as a result of a lead-lag study.
(3) Average of opening and closing balances for the year.



Revenue Requirement Work Form

Name of LDC: Waterloo North Hydro Inc.
File Number: EB-2010-0144
Rate Year: 2011

Version: 2.11

Utility income						
Line No.	Particulars	Initial Application	Adjustments	Settlement Agreement	Adjustments	Per Board Decision
Operating Revenues:						
1	Distribution Revenue (at Proposed Rates)	\$28,980,640	(\$861,240)	\$28,119,401	\$25,257	\$28,144,657
2	Other Revenue (1)	\$1,055,963	(\$55,006)	\$1,000,957	\$ -	\$1,000,957
3	Total Operating Revenues	\$30,036,603	(\$916,245)	\$29,120,358	\$25,257	\$29,145,614
Operating Expenses:						
4	OM+A Expenses	\$10,183,838	(\$169,500)	\$10,014,338	\$24,944	\$10,039,282
5	Depreciation/Amortization	\$7,816,331	(\$66,909)	\$7,749,422	\$ -	\$7,749,422
6	Property taxes	\$ -	\$ -	\$ -	\$ -	\$ -
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$18,000,168	(\$236,409)	\$17,763,759	\$24,944	\$17,788,703
10	Deemed Interest Expense	\$4,803,477	(\$244,698)	\$4,558,779	\$113	\$4,558,892
11	Total Expenses (lines 9 to 10)	\$22,803,645	(\$481,107)	\$22,322,538	\$25,057	\$22,347,595
12	Utility income before income taxes	\$7,232,958	(\$435,139)	\$6,797,819	\$200	\$6,798,019
13	Income taxes (grossed-up)	\$1,212,310	(\$200,522)	\$1,011,788	\$56	\$1,011,845
14	Utility net income	\$6,020,648	(\$234,617)	\$5,786,031	\$143	\$5,786,175

Notes

(1)	Other Revenues / Revenue Offsets					
	Specific Service Charges	\$245,845	\$ -	\$245,845	\$ -	\$245,845
	Late Payment Charges	\$180,000	\$ -	\$180,000	\$ -	\$180,000
	Other Distribution Revenue	\$278,819	\$ -	\$278,819	\$ -	\$278,819
	Other Income and Deductions	\$351,299	(\$55,006)	\$296,293	\$ -	\$296,293
	Total Revenue Offsets	\$1,055,963	(\$55,006)	\$1,000,957	\$ -	\$1,000,957



Revenue Requirement Work Form

Name of LDC: Waterloo North Hydro Inc.
File Number: EB-2010-0144
Rate Year: 2011

Version: 2.11

Taxes/PILs

Line No.	Particulars	Application	Settlement Agreement	Per Board Decision
<u>Determination of Taxable Income</u>				
1	Utility net income before taxes	\$6,020,648	\$5,786,031	\$5,786,175
2	Adjustments required to arrive at taxable utility income	(\$2,724,063)	(\$2,603,005)	(\$2,603,005)
3	Taxable income	\$3,296,585	\$3,183,026	\$3,183,170
<u>Calculation of Utility income Taxes</u>				
4	Income taxes	\$886,355	\$767,745	\$767,786
5	Capital taxes	\$ - (1)	\$ - (1)	\$ - (1)
6	Total taxes	\$886,355	\$767,745	\$767,786
7	Gross-up of Income Taxes	\$325,955	\$244,043	\$244,059
8	Grossed-up Income Taxes	\$1,212,310	\$1,011,788	\$1,011,845
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$1,212,310	\$1,011,788	\$1,011,845
10	Other tax Credits	\$ -	\$ -	\$ -
<u>Tax Rates</u>				
11	Federal tax (%)	16.50%	16.50%	16.50%
12	Provincial tax (%)	10.39%	7.62%	7.62%
13	Total tax rate (%)	26.89%	24.12%	24.12%

Notes

(1) Capital Taxes not applicable after July 1, 2010 (i.e. for 2011 and later test years)



Revenue Requirement Work Form

Name of LDC: Waterloo North Hydro Inc.
File Number: EB-2010-0144
Rate Year: 2011

Version: 2.11

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate		Return
Initial Application						
		(%)	(\$)	(%)		(\$)
Debt						
1	Long-term Debt	56.00%	\$85,572,658	5.47%		\$4,676,951
2	Short-term Debt	4.00%	\$6,112,333	2.07%		\$126,525
3	Total Debt	60.00%	\$91,684,990	5.24%		\$4,803,477
Equity						
4	Common Equity	40.00%	\$61,123,327	9.85%		\$6,020,648
5	Preferred Shares	0.00%	\$ -	0.00%		\$ -
6	Total Equity	40.00%	\$61,123,327	9.85%		\$6,020,648
7	Total	100.00%	\$152,808,317	7.08%		\$10,824,124

Settlement Agreement						
		(%)	(\$)	(%)		(\$)
Debt						
1	Long-term Debt	56.00%	\$84,555,780	5.22%		\$4,410,202
2	Short-term Debt	4.00%	\$6,039,699	2.46%		\$148,577
3	Total Debt	60.00%	\$90,595,478	5.03%		\$4,558,779
Equity						
4	Common Equity	40.00%	\$60,396,986	9.58%		\$5,786,031
5	Preferred Shares	0.00%	\$ -	0.00%		\$ -
6	Total Equity	40.00%	\$60,396,986	9.58%		\$5,786,031
7	Total	100.00%	\$150,992,464	6.85%		\$10,344,810

Per Board Decision						
		(%)	(\$)	(%)		(\$)
Debt						
8	Long-term Debt	56.00%	\$84,557,875	5.22%		\$4,410,312
9	Short-term Debt	4.00%	\$6,039,848	2.46%		\$148,580
10	Total Debt	60.00%	\$90,597,723	5.03%		\$4,558,892
Equity						
11	Common Equity	40.00%	\$60,398,482	9.58%		\$5,786,175
12	Preferred Shares	0.00%	\$ -	0.00%		\$ -
13	Total Equity	40.00%	\$60,398,482	9.58%		\$5,786,175
14	Total	100.00%	\$150,996,206	6.85%		\$10,345,067

Notes

(1) 4.0% unless an Applicant has proposed or been approved for another amount.



Revenue Requirement Work Form

Name of LDC: Waterloo North Hydro Inc.
File Number: EB-2010-0144
Rate Year: 2011

Version: 2.11

Revenue Sufficiency/Deficiency							
Line No.	Particulars	Initial Application		Settlement Agreement		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$5,012,440		\$3,781,285		\$3,806,542
2	Distribution Revenue	\$23,968,200	\$23,968,201	\$24,338,116	\$24,338,116	\$24,338,116	\$24,338,116
3	Other Operating Revenue Offsets - net	\$1,055,963	\$1,055,963	\$1,000,957	\$1,000,957	\$1,000,957	\$1,000,957
4	Total Revenue	\$25,024,163	\$30,036,603	\$25,339,073	\$29,120,358	\$25,339,073	\$29,145,614
5	Operating Expenses	\$18,000,168	\$18,000,168	\$17,763,759	\$17,763,759	\$17,788,703	\$17,788,703
6	Deemed Interest Expense	\$4,803,477	\$4,803,477	\$4,558,779	\$4,558,779	\$4,558,892	\$4,558,892
	Total Cost and Expenses	\$22,803,645	\$22,803,645	\$22,322,538	\$22,322,538	\$22,347,595	\$22,347,595
7	Utility Income Before Income Taxes	\$2,220,518	\$7,232,958	\$3,016,534	\$6,797,819	\$2,991,478	\$6,798,019
8	Tax Adjustments to Accounting Income per 2009 PILs	(\$2,724,063)	(\$2,724,063)	(\$2,603,005)	(\$2,603,005)	(\$2,603,005)	(\$2,603,005)
9	Taxable Income	(\$503,545)	\$4,508,895	\$413,530	\$4,194,814	\$388,473	\$4,195,014
10	Income Tax Rate	26.89%	26.89%	24.12%	24.12%	24.12%	24.12%
11	Income Tax on Taxable Income	(\$135,388)	\$1,212,310	\$99,743	\$1,011,788	\$93,700	\$1,011,845
12	Income Tax Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Utility Net Income	\$2,355,906	\$6,020,648	\$2,916,791	\$5,786,031	\$2,897,777	\$5,786,175
14	Utility Rate Base	\$152,808,317	\$152,808,317	\$150,992,464	\$150,992,464	\$150,996,206	\$150,996,206
	Deemed Equity Portion of Rate Base	\$61,123,327	\$61,123,327	\$60,396,986	\$60,396,986	\$60,398,482	\$60,398,482
15	Income/Equity Rate Base (%)	3.85%	9.85%	4.83%	9.58%	4.80%	9.58%
16	Target Return - Equity on Rate Base	9.85%	9.85%	9.58%	9.58%	9.58%	9.58%
17	Sufficiency/Deficiency in Return on Equity	-6.00%	0.00%	-4.75%	0.00%	-4.78%	0.00%
18	Indicated Rate of Return	4.69%	7.08%	4.95%	6.85%	4.94%	6.85%
19	Requested Rate of Return on Rate Base	7.08%	7.08%	6.85%	6.85%	6.85%	6.85%
20	Sufficiency/Deficiency in Rate of Return	-2.40%	0.00%	-1.90%	0.00%	-1.91%	0.00%
21	Target Return on Equity	\$6,020,648	\$6,020,648	\$5,786,031	\$5,786,031	\$5,786,175	\$5,786,175
22	Revenue Deficiency/(Sufficiency)	\$3,664,741	\$0	\$2,869,240	\$ -	\$2,888,397	\$ -
23	Gross Revenue	\$5,012,440	(1)	\$3,781,285	(1)	\$3,806,542	(1)
	Deficiency/(Sufficiency)						

Notes:

(1) Revenue Sufficiency/Deficiency divided by (1 - Tax Rate)



Revenue Requirement Work Form

Name of LDC: Waterloo North Hydro Inc.
 File Number: EB-2010-0144
 Rate Year: 2011

Draft Rate Order Filed: May 3, 2011

Version: 2.11

Revenue Requirement

Line No.	Particulars	Application	Settlement Agreement	Per Board Decision
1	OM&A Expenses	\$10,183,838	\$10,014,338	\$10,039,282
2	Amortization/Depreciation	\$7,816,331	\$7,749,422	\$7,749,422
3	Property Taxes	\$ -		
4	Capital Taxes	\$ -	\$ -	\$ -
5	Income Taxes (Grossed up)	\$1,212,310	\$1,011,788	\$1,011,845
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$4,803,477	\$4,558,779	\$4,558,892
	Return on Deemed Equity	\$6,020,648	\$5,786,031	\$5,786,175
8	Distribution Revenue Requirement before Revenues	\$30,036,603	\$29,120,358	\$29,145,614
9	Distribution revenue	\$28,980,640	\$28,119,401	\$28,144,657
10	Other revenue	\$1,055,963	\$1,000,957	\$1,000,957
11	Total revenue	\$30,036,603	\$29,120,358	\$29,145,614
12	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	\$0 (1)	\$ - (1)	\$ - (1)

Notes

(1) Line 11 - Line 8



Revenue Requirement Work Form

Name of LDC: Waterloo North Hydro Inc.
File Number: EB-2010-0144
Rate Year: 2011

Version: 2.11

Residential

Consumption **800** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
1 Monthly Service Charge	monthly	\$ 14.5600	1	\$ 14.56	\$ 14.5600	1	\$ 14.56	\$ -	0.00%
2 Smart Meter Rate Adder	monthly	\$ 1.0000	1	\$ 1.00	\$ 1.0000	1	\$ 1.00	\$ -	0.00%
3 Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4 Service Charge Rate Rider(s)			1	\$ -		1	\$ -	\$ -	
5 Distribution Volumetric Rate	per kWh	\$ 0.0131	800	\$ 10.48	\$ 0.0184	800	\$ 14.72	\$ 4.24	40.46%
6 Low Voltage Rate Adder	per kWh	\$ 0.0001	800	\$ 0.08	\$ 0.0001	800	\$ 0.08	\$ -	0.00%
7 Volumetric Rate Adder(s)			800	\$ -		800	\$ -	\$ -	
8 Volumetric Rate Rider(s)			800	\$ -		800	\$ -	\$ -	
9 Smart Meter Disposition Rider			800	\$ -		800	\$ -	\$ -	
10 LRAM & SSM Rate Rider	per kWh	\$ -	800	\$ -	\$ 0.0002	800	\$ 0.16	\$ 0.16	
11 Deferral/Variance Account Disposition Rate Rider	per kWh	-\$ 0.0027	800	-\$ 2.16	-\$ 0.00273	800	-\$ 2.18	-\$ 0.02	1.11%
12 LPP Rate Rider	monthly			\$ -	\$ 0.1900	1	\$ 0.19	\$ 0.19	
13 Capital Gains Rate Rider	per kWh			\$ -	-\$ 0.0007	800	-\$ 0.56	-\$ 0.56	
14 Foregone Revenue Rate Rider	per kWh			\$ -	\$ 0.0005	800	\$ 0.40	\$ 0.40	
15				\$ -			\$ -	\$ -	
16 Sub-Total A - Distribution				\$ 23.96			\$ 28.37	\$ 4.41	18.39%
17 RTSR - Network	per kWh	\$ 0.0058	840.4	\$ 4.87	\$ 0.0067	832.32	\$ 5.58	\$ 0.70	14.41%
18 RTSR - Line and Transformation Connection	per kWh	\$ 0.0020	840.4	\$ 1.68	\$ 0.0022	832.32	\$ 1.83	\$ 0.15	8.94%
19 Sub-Total B - Delivery (including Sub-Total A)				\$ 30.52			\$ 35.77	\$ 5.26	17.23%
20 Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	840.4	\$ 4.37	\$ 0.0052	832.32	\$ 4.33	-\$ 0.04	-0.96%
21 Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	840.4	\$ 1.09	\$ 0.0013	832.32	\$ 1.08	-\$ 0.01	-0.96%
22 Special Purpose Charge	per kWh	\$ 0.0003725	840.4	\$ 0.31	\$ 0.0003725	832.32	\$ 0.31	-\$ 0.00	-0.96%
23 Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	800	\$ 5.60	\$ 0.0070	800	\$ 5.60	\$ -	0.00%
25 Energy	per kWh	\$ 0.0668	840.4	\$ 56.17	\$ 0.0668	832.32	\$ 55.63	-\$ 0.54	-0.96%
26				\$ -			\$ -	\$ -	
27				\$ -			\$ -	\$ -	
28 Total Bill (before Taxes)				\$ 98.31			\$ 102.98	\$ 4.66	4.74%
29 HST		13%		\$ 12.78	13%		\$ 13.39	\$ 0.61	4.74%
30 Total Bill (including Sub-total B)				\$ 111.09			\$ 116.36	\$ 5.27	4.74%
31 Loss Factor (%)	Note 1		5.05%			4.04%			

Notes:

Note 1: Enter existing and proposed total loss factor (Secondary Metered Customer < 5,000 kW) as a percentage.

Energy Price October 15, 2010 Navigant Price 2011 Calendar Year - adjusted in both columns \$.06684

Deferral/Variance Accounts (\$.00229) - five decimals included above, unable to display [Corrected - kcr]

The rate impacts above reflect an "11 month" implementation period.



Revenue Requirement Work Form

Name of LDC: Waterloo North Hydro Inc.
File Number: EB-2010-0144
Rate Year: 2011

Version: 2.11

General Service < 50 kW

Consumption **2000** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
1 Monthly Service Charge	monthly	\$ 30.6300	1	\$ 30.63	\$ 30.6300	1	\$ 30.63	\$ -	0.00%
2 Smart Meter Rate Adder	monthly	\$ 1.0000	1	\$ 1.00	\$ 1.0000	1	\$ 1.00	\$ -	0.00%
3 Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4 Service Charge Rate Rider(s)			1	\$ -		1	\$ -	\$ -	
5 Distribution Volumetric Rate	per kWh	\$ 0.0104	2000	\$ 20.80	\$ 0.0137	2000	\$ 27.40	\$ 6.60	31.73%
6 Low Voltage Rate Adder	per kWh	\$ 0.0001	2000	\$ 0.20	\$ 0.0001	2000	\$ 0.20	\$ -	0.00%
7 Volumetric Rate Adder(s)			2000	\$ -		2000	\$ -	\$ -	
8 Volumetric Rate Rider(s)			2000	\$ -		2000	\$ -	\$ -	
9 Smart Meter Disposition Rider			2000	\$ -		2000	\$ -	\$ -	
10 LRAM & SSM Rider	per kWh	\$ -	2000	\$ -	\$ 0.0001	2000	\$ 0.20	\$ 0.20	
11 Deferral/Variance Account Disposition Rate Rider	per kWh	-\$ 0.0027	2000	-\$ 5.40	-\$ 0.00273	2000	-\$ 5.46	-\$ 0.06	1.11%
12 LPP Rate Rider	monthly			\$ -	\$ 0.4500	1	\$ 0.45	\$ 0.45	
13 Capital Gains Rate Rider	per kWh			\$ -	-\$ 0.0004	2000	-\$ 0.80	-\$ 0.80	
14 Foregone Revenue Rate Rider	per kWh			\$ -	\$ 0.0003	2000	\$ 0.60	\$ 0.60	
15				\$ -			\$ -	\$ -	
16 Sub-Total A - Distribution				\$ 47.23			\$ 54.22	\$ 6.99	14.80%
17 RTSR - Network	per kWh	\$ 0.0053	2101	\$ 11.14	\$ 0.0061	2080.8	\$ 12.69	\$ 1.56	13.99%
18 RTSR - Line and Transformation Connection	per kWh	\$ 0.0018	2101	\$ 3.78	\$ 0.0020	2080.8	\$ 4.16	\$ 0.38	10.04%
19 Sub-Total B - Delivery (including Sub-Total A)				\$ 62.15			\$ 71.07	\$ 8.93	14.36%
20 Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	2101	\$ 10.93	\$ 0.0052	2080.8	\$ 10.82	-\$ 0.11	-0.96%
21 Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	2101	\$ 2.73	\$ 0.0013	2080.8	\$ 2.71	-\$ 0.03	-0.96%
22 Special Purpose Charge	per kWh	\$ 0.0003725	2101	\$ 0.78	\$ 0.0003725	2080.8	\$ 0.78	-\$ 0.01	-0.96%
23 Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	2000	\$ 14.00	\$ 0.0070	2000	\$ 14.00	\$ -	0.00%
25 Energy	per kWh	\$ 0.0668	2101	\$ 140.43	\$ 0.0668	2080.8	\$ 139.08	-\$ 1.35	-0.96%
26				\$ -			\$ -	\$ -	
27				\$ -			\$ -	\$ -	
28 Total Bill (before Taxes)				\$ 231.27			\$ 238.71	\$ 7.44	3.22%
29 HST		13%		\$ 30.06	13%		\$ 31.03	\$ 0.97	3.22%
30 Total Bill (including Sub-total B)				\$ 261.33			\$ 269.74	\$ 8.41	3.22%
31 Loss Factor	Note 1		5.05%				4.04%		

Notes:

Note 1: See Note 1 from Sheet 1A. Bill Impacts - Residential

Energy Price October 15, 2010 Navigant Price 2011 Calendar Year - adjusted in both columns \$0.06684
Deferral/Variance Accounts (\$0.00242) - five decimals included in above, unable to display [Corrected - kcr]

The rate impacts above represent an "11 month" implementation period.