Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Index Page 1 of 1 Filed: October 1, 2013

# 1 EXHIBIT 8 – RATE DESIGN

## 2 Index

Exhibit	Tab	Schedule	<b>Appendix</b>	Contents
8 – Rate Design				
	1	1		Overview
		2		Fixed/Variable Proportion
		3		Retail Transmission Service Rates ("RTSRs")
		4		Retail Service Charges
		5		Wholesale Market Service Rate
		6		Smart Metering Charge
		7		Specific Service Charges
		8		Low Voltage Charges
		9		Loss Adjustment Factors
		10		Tariff of Rates and Charges
				Current Rates
				Proposed Tariff Rates
		11		Revenue Reconciliation
		12		Bill Impacts
		13		Rate Mitigation
			8-1	Appendix 8-1 RTSR Adjustment Work Form – version 4.0
			8-2	Appendix 8-2 Summary of Bill Impacts
			8-3	Appendix 8-3 Appendix 2-R Loss Factors
			8-4	Appendix 8-4 Appendix 2-V Revenue Reconciliation
			8-5	Appendix 8-5 Appendix 2-W Bill Impacts
			8-6	Appendix 8-6 Appendix 2-Z Proposed Tariff of Rates and Charges
			8-7	Appendix 8-7 2013 Tariff of Rates and Charges – with track changes

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 1 Page 1 of 2 Filed: October 1, 2013

#### OVERVIEW

- 2 This Exhibit provides the documentation supporting the calculation of CND's proposed
- 3 distribution rates by rate class for the 2014 Test Year, based on rate design as proposed in
- 4 this Exhibit.
- 5 CND has determined its total 2014 service revenue requirement to be \$29,265,424. The
- 6 total revenue offsets in the amount of \$1,299,379 reduce CND's total service revenue
- 7 requirement to a base revenue requirement of \$27,966,045 which is used to determine the
- 8 proposed distribution rates. The base revenue requirement is derived from CND's 2014
- 9 capital and operating forecasts, weather normalized usage, forecasted customer counts,
- 10 and CND's regulated return on rate base. The revenue requirements are summarized
- 11 below in Table 8-1.

## Table 8-1 Calculation of Base Revenue Requirement – 2014 Test Year

OM&A Expenses	\$ 15,958,975
Amortization Expenses	4,756,246
Total Distribution Expenses	20,715,221
Regulated Return on Capital	8,550,204
PILs	-
Service Revenue Requirement	29,265,424
Less: Revenue Offsets	(1,299,379)
Base Revenue Requirement	\$ 27,966,045

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The base revenue requirement is then apportioned to the various rate classes based on the calculation developed in Exhibit 7 – Cost Allocation. The results of these allocations are

16 outlined in Table 8-2.

Cambridge and North Dumfries Hydro Inc.
EB-2013-0116
Exhibit 8
Tab 1
Schedule 1
Page 2 of 2
Filed: October 1, 2013

# **Table 8-2 Allocation of Revenue by Rate Class**

Rate Class	2014 Proposed Base Revenue
Residential	\$14,077,731
GS < 50 kW	3,037,564
GS >50	6,249,680
GS >1000 to 4999 kW	1,965,104
Large Users	1,601,246
Street Lighting	881,774
USL	60,942
Embedded Dist Waterloo	65,651
Embedded Dist HONI	26,352
Total	\$27,966,045

#### FIXED/VARIABLE PROPORTION

### 2 Determination of Monthly Fixed Charges:

- 3 CND's current Board approved monthly fixed charges by customer class, based on the
- 4 Board approved 2013 IRM application (EB-2012-0111) are summarized in Table 8-3 below.

# Table 8-3 Monthly Fixed Charges – 2013 (Excluding Smart Meter Rate Rider)

Rate Class	С	ustomer	Co	nnection
Residential	\$	10.09		
GS < 50 kW	\$	11.92		
GS >50	\$	109.35		
GS >1000 to 4999 kW	\$	908.75		
Large Users	\$	7,785.09		
Street Lighting			\$	2.04
USL			\$	7.07

8 Using the existing approved fixed and variable charges, applied to the forecasted number of 9 customers for 2014, Table 8-4 provides the current split between fixed and variable

10 distribution revenue by rate class.

## Table 8-4 Fixed and Variable Revenue Split – 2013

Rate Class	Fixed Revenue %	Variable Revenue %
Residential	47%	53%
GS < 50 kW	26%	74%
GS >50	19%	81%
GS >1000 to 4999 kW	18%	82%
Large Users	20%	80%
Street Lighting	49%	51%
USL	61%	39%
Embedded Dist Waterloo	0%	100%
Embedded Dist HONI	0%	100%

13 CND proposes to adjust the fixed and variable revenue split for its Residential and General

Service < 50 kW rate class by increasing the current fixed charge to the midpoint of CND's

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Filed: October 1, 2013

- 1 current 2013 fixed service charge and the ceiling fixed price, as determined by the updated
- 2 cost allocation study.
- 3 CND submits that it is appropriate and reasonable to increase the fixed charge for these
- 4 rate classes for the following reasons:
  - Reduces the risk of a revenue shortfall attributable to weather sensitive rate classes;
    - The costs of providing distribution services, for the most part, are fixed, regardless of the level of consumption; and
    - CND's fixed/variable ratios are low compared to neighbouring LDCs as documented in Table 8-5.

### **Table 8-5 Rate Comparison – Other LDCs**

Rate Class	CND Current 2013 rates effective May 1	CND Proposed 2014 Rates	Kitchener Wilmot Proposed 2014 Rates	Waterloo North Current 2013 rates effective May 1	Guelph Current 2013 rates effective Jan 1
Residential	10.09	13.32	11.72	14.79	14.10
GS < 50 kW	11.92	18.48	25.71	31.11	15.16

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- 13 CND has compared the ceiling and floor amounts for fixed charges from the cost allocation
- 14 study. The fixed charges that exceed the ceiling represent rates that have been in place
- 15 historically, and no changes in relation to the ceiling charges are proposed in this
- 16 Application. The proposed fixed rates are summarized in Table 8-6.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 2 Page 3 of 9 Filed: October 1, 2013

# Table 8-6 Proposed Fixed Distribution Revenue – 2014

Rate Class		013 Rates rom OEB Approved Tariff	Proposed			iling Fixed arges from Cost Allocation Study	Floor Fixed Charges from Cost Allocation Study		
Residential	\$	10.09	\$	13.32	\$	16.55	\$	4.35	
GS < 50 kW	\$	11.92	\$	18.48	\$	25.03	\$	9.49	
GS >50	\$	109.35	\$	126.44	\$	96.99	\$	48.84	
GS >1000 to 4999 kW	\$	908.75	\$	1,050.20	\$	317.41	\$	47.52	
Large Users	\$	7,785.09	\$	8,998.17	\$	883.34	\$	556.68	
Street Lighting	\$	2.04	\$	2.75	\$	8.55	\$	0.13	
USL	\$	7.07	\$	6.39	\$	5.43	\$	0.11	

3 Table 8-7 outlines the proposed fixed and variable revenue split.

# Table 8-7 Proposed 2014 Fixed and Variable Revenue Split

Rate Class	Fixed Revenue %	Variable Revenue %
Residential	55%	45%
GS < 50 kW	35%	65%
GS >50	19%	81%
GS >1000 to 4999 kW	18%	82%
Large Users	20%	80%
Street Lighting	49%	51%
USL	61%	39%
Embedded Dist Waterloo	0%	100%
Embedded Dist HONI	0%	100%

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1 Table 8-8 outlines the calculation for the proposed fixed distribution rates and revenue.

#### Table 8-8 Fixed Distribution Revenue Calculation - 2014

Rate Class	Base Revenue Requirement	rirement Fixed Custome Revenue % Connecti		Proposed Fixed Distribution Revenue - 2014 Test Year	Proposed Distribution Rates for 2014
Residential	\$ 14,077,731	55%	48,091	\$ 7,686,822	\$ 13.32
GS < 50 kW	\$ 3,037,564	35%	4,740	\$ 1,051,253	\$ 18.48
GS >50	\$ 6,249,680	19%	773	\$ 1,172,188	\$ 126.44
GS >1000 to 4999 kW	\$ 1,965,104	18%	27	\$ 345,061	\$ 1,050.20
Large Users	\$ 1,601,246	20%	3	\$ 323,934	\$ 8,998.17
Street Lighting	\$ 881,774	49%	12,997	\$ 428,232	\$ 2.75
USL	\$ 60,942	61%	482	\$ 36,971	\$ 6.39
Embedded Dist Waterloo	\$ 65,651	0%	1	\$ -	\$ -
Embedded Dist HONI	\$ 26,352	0%	1	\$ -	\$ -
Total	\$ 27,966,045	39%	67,115	\$ 11,044,461	

# 4 Proposed Volumetric Charges:

- 5 The variable distribution charge is calculated by dividing the allocated variable distribution
- 6 portion of the base revenue requirement and forecasted transformer ownership allowance
- 7 by the appropriate 2014 Test Year usage, kWh or kW, as the class charge determinant.
- 8 Table 8-9 provides CND's calculations of its proposed variable distribution charges for the
- 9 2014 Test Year.

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Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 2 Page 5 of 9 Filed: October 1, 2013

## **Table 8-9 Proposed Variable Distribution Revenue Calculation**

Rate Class	Transformer Allowance		Proposed Variable Revenue %	Proposed Variable Distribution Revenue - 014 Test Year	2014 Test Year Volumes	0	Proposed Distribution Ites for 2014	Billing Determinant
Residential	\$	14,077,731	45%	\$ 6,390,909	395,264,057	\$	0.0162	kWh
GS < 50 kW	\$	3,037,564	65%	\$ 1,986,312	153,517,084	\$	0.0129	kWh
GS >50	\$	6,249,680	81%	\$ 5,077,492	1,226,670	\$	4.1392	kW
GS >1000 to 4999 kW	\$	1,965,104	82%	\$ 1,620,043	526,492	\$	3.0771	kW
Large Users	\$	1,601,246	80%	\$ 1,277,312	511,176	\$	2.4988	kW
Street Lighting	\$	881,774	51%	\$ 453,542	25,898	\$	17.5126	kW
USL	\$	60,942	39%	\$ 23,971	1,756,889	\$	0.0136	kWh
Embedded Dist Waterloo	\$	65,651	100%	\$ 65,651	63,395	\$	1.0356	kW
Embedded Dist HONI	\$	26,352	100%	\$ 26,352	27,169	\$	0.9699	kW
Total	\$	27,966,045	61%	\$ 16,921,584				

## **Embedded Distributor Low Voltage Rates:**

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One Networks ("Hydro One"). In 2007, CND put forward an application for embedded distribution low voltage charges in which Waterloo North and Hydro One provided input. Consistent with the ultimate Board approved 2008 Incentive Regulation Mechanism (2008 IRM) Rate Application – Low Voltage Rates (EB-2007-0900) and CND's 2010 Cost of Service application (EB-2009-0260), CND has continued to use the direct allocation methodology to determine its proposed 2014 low voltage rates for embedded distributors. CND directly allocated costs related to its embedded distributors and determined low

CND is a host distributor to each of Waterloo North Hydro ("Waterloo North") and Hydro

Table 8-10 sets out the existing approved and proposed embedded distributor low voltage rates.

proposed revenue-to-cost ratios comparable to the cost allocation study.

voltage rates based upon anticipated kW consumption. To ensure revenue neutrality, CND

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 2 Page 6 of 9 Filed: October 1, 2013

# **Table 8-10 Existing and Proposed Embedded Distributor LV Charges**

Embedded Distributor	Billing Determinant	sting 2013 LV Rate	Proposed 14 LV Rate
Waterloo North	kW	\$ 0.9779	\$ 1.0356
Hydro One	kW	\$ 0.9157	\$ 0.9699

- 3 Tables 8-11 and 8-12 provide CND's calculation of its proposed 2014 embedded
- 4 distribution low voltage charges using the direct allocation method.

Cambridge and North Dumfries Hydro Inc.
EB-2013-0116
Exhibit 8
Tab 1
Schedule 2
Page 7 of 9
Filed: October 1, 2013

# Table 8-11 Proposed 2014 Embedded Distribution Low Voltage Charges – Waterloo North Hydro

1		2		3									
		Total annual OM &A costs				4 Accumulative amortization		5 Annual amortization on			NBV of asset class		
		of asset class providing LV		Original cost of asset class		on asset class providing LV		asset class providing LV			providing LV		
Asset Class		services (\$)		providing LV services		services		services			services		
	nn.	• •		• •			_						
Distribution Stations	PP	-	В	-	С	-	D	-		E	-		
Transformer Stations	QQ	-	G	-	H	-	I	-		J	-		
Low Voltage lines	RR	\$4,282,602	L	\$129,322,613	M	\$57,551,418	N	\$1,858,246		0	\$71,771,195		
		7		8		9		10		l	11		
			Share of facilities			·	re of facilities						
		kW or kVA	33	kW or kVA		kW or kVA	7.7	kW or kVA			percent		
								Annual billed Embedded			1		
		Total line length or station				Annual billed total demand		Distributor demand on					
		capacity in asset class		Line length providing LV		on station/line providing LV		station/line providing LV					
Asset Class		(KM)		services (KM)		services (kW or kVA)		services (kW or kVA)			Utilization factor		
Distribution Stations					AA	-	BB	-		(Col 10/Col 9)	0.00%		
Transformer Stations					cc	-	DD	-		(Col 10/Col 9)	0.00%		
Y Y 1	99	727	****	8.4	-	121,536		63,395		(Col 8/Col 7) * (Col 10/Col 9)	0.60%		
Low Voltage lines	GG	121	НН	0.4	EE	121,550	FF	03,393		(C01 10/C01 3)	0.00%		
		12		12 (a)		13		14		15		15 (a)	16
		\$		\$		\$		\$		\$		\$	\$/kW or \$/kVA
												Total annual cost	
										Total annual cost		associated with assets	
								OM & A costs (with		associated with		used to provide LV	Monthly kW Rate
						Annual Amortization on		burden) associated with		assets used to		Services + 2007 &	associated with the
		Return on assets used to				assets used to provide LV		assets used to provide LV		provide LV		2008 IRM	delivery of LV
Asset Class		provide LV Services		PILs		Services		Services		Services		Adjustments	Services
											(((Col 15*(1+AO))*		
Distribution Stations (	(Y*S*Col 11)	-	(AB*Col 11)	-	D*Col 11	-	PP*Col 11	-	SUM	-	(1+AP))	-	
Transformer Stations (4)	(AE*S*Col 11)		(AH*Col 11)	_	I*Col 11	_	QQ*Col 11	_	SUM		(((Col 15*(1+AO))* (1+AP))		
Transformer Stations (F	AL 5 COI 11)	-	(AIT COLII)	-	1.00111	-	QQ*C0111	-	SUM	-		-	
Low Voltage lines (A	AK*S*Col 11)	28,643	(AN*Col 11)	-	N*Col 11	11 199	RR*Col 11	25,811	SUM	65,653	(((Col 15*(1+AO))* (1+AP))	65,653	
	/	20,013	(-21, 00111)		00.11	11,157	00.11	25,611	50.4	05,055		35,055	
												65,653	\$ 1.0356
												[Sum Col 15 (a)]	[Sum Col 15 (a)

Cambridge and North Dumfries Hydro Inc.
EB-2013-0116
Exhibit 8
Tab 1
Schedule 2
Page 8 of 9
Filed: October 1, 2013

# Table 8-12 Proposed 2014 Embedded Distribution Low Voltage Charges – Hydro One Networks Inc.

	1	1				1		1		1	ı		
1		2		3		4		5			6		
		Total annual OM &A costs of asset class providing LV		Original cost of asset class		Accumulative amortization on asset class providing LV		Annual amortization on asset class providing LV			NBV of asset class		
Asset Class		or asset class providing LV services (\$)		providing LV services		on asset class providing LV services		asset class providing Lv services			providing LV services		
Distribution Stations	PP	SCI VICCS (ψ)	В	providing E v services	С	-	D	- SQ VICCS		E	providing LV services		
Transformer Stations	QQ		G	-	Н		I	_		J	_		
Low Voltage lines	RR	\$4,282,602	L	\$129,322,613	M	\$57,551,418	N N	\$1,858,246		0	\$71,771,195		
	1	. , , , , , ,		1 1/2 /2 1		10.75.0		, ,,			. , , , , , ,		
		7		8		9		10			11		
			Share of facilities	1		Sh	are of facilitie	25					
		kW or kVA		kW or kVA		kW or kVA		kW or kVA			percent		
		Total line length or station				Annual billed total demand		Annual billed Embedded Distributor demand on					
Asset Class		capacity in asset class (KM)		Line length providing LV services (KM)		on station/line providing LV services (kW or kVA)		station/line providing LV services (kW or kVA)			Utilization factor		
Distribution Stations					AA	-	BB	-		(Col 10/Col 9)	0.00%		
Transformer Stations					CC	-	DD	-		(Col 10/Col 9)	0.00%		
Low Voltage lines	GG	727	нн	8.6	EE	132,868	FF	27,169		(Col 8/Col 7) * (Col 10/Col 9)	0.24%		
			•	•		,	•						
		12		12 (a)		13		14		15		15 (a)	16
		\$		\$		\$		\$		\$		\$	\$/kW or \$/kVA
						Access Access in section (		OM & A costs (with burden) associated with		Total annual cost associated with		Total annual cost associated with assets used to provide LV Services + 2007 & 2008 IRM	Monthly kW Rate
		Return on assets used to				Annual Amortization on assets used to provide LV		assets used to provide LV		assets used to provide LV		Adjustments (IRM	delivery of LV
Asset Class		provide LV Services		PILs		Services		Services		Services		excluded from PILs)	Services
Distribution Stations	(Y*S*Col 11)	-	(AB*Col 11)	-	D*Col 11	-	PP*Col 11	-	SUM	_	(((Col 15*(1+AO))* (1+AP))	-	
	(AE*S*Col										(((Col 15*(1+AO))*		
Transformer Stations	11)	-	(AH*Col 11)	-	I*Col 11	-	QQ*Col 11	-	SUM	-	(1+AP))	-	
Low Voltage lines	(AK*S*Col 11)	11,496	(AN*Col 11)	-	N*Col 11	4,495	RR*Col 11	10,359	SUM	26,350	(((Col 15*(1+AO))* (1+AP))	26,350	
													A
												,,	\$ 0.9699
												[Sum Col 15 (a)]	[Sum Col 15 (a)
													Sum Col 10]

Filed: October 1, 2013

## 1 Proposed Adjustment to Transformer Allowance:

- 2 CND is not proposing any changes to the amount of its existing Transformer Allowance
- 3 credit of \$0.60 per kW paid to those customers that own their transformation facilities.
- 4 Table 8-13 below shows the impact of the transformer allowance on the volumetric rates.

## Table 8-13 Impact of Transformer Allowance on Volumetric Rates

Rate Class	Variable Revenue	Transformer Allowance	Total Variable Revenue	Forecasted kW	Volumetric Rate
GS >50	\$ 5,077,492	\$127,130	\$ 5,204,622	1,226,670	\$ 4.2429
GS >1000 to 4999 kW	\$ 1,620,043	\$287,465	\$ 1,907,508	526,492	\$ 3.6231

## 7 Proposed Distribution Rates:

- 8 Table 8-14 sets out CND's proposed 2014 electricity distribution rates based on the
- 9 proposed 2014 calculations based on cost allocation methodology, fixed-variable ratios,
- 10 and transformer allowance. CND has not identified any rates and charges in its Conditions
- of Service that do not appear on its tariff sheets.

## **Table 8-14 Proposed 2014 Electricity Distribution Rates**

Rate Class		Month	y Ra	te	Variable Rate				
Nate Glass	C	ustomer	Col	nnection		kWh		kW	
Residential	\$	13.32			\$	0.0162			
GS < 50 kW	\$	18.48			\$	0.0129			
GS >50	\$	126.44					\$	4.2429	
GS >1000 to 4999 kW	\$	1,050.20					\$	3.6231	
Large Users	\$	8,998.17					\$	2.4988	
Street Lighting			\$	2.75			\$	17.5126	
USL			\$	6.39	\$	0.0136			
Embedded Dist Waterloo	\$	-					\$	1.0356	
Embedded Dist HONI	\$	-					\$	0.9699	
Transformer Discount							\$	(0.60)	

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# 1 RETAIL TRANSMISSION SERVICE RATES ("RTSRs")

- 2 CND has used the RTSR Adjustment Work Form version 4.0 issued on July 17, 2013.
- 3 CND proposes to increase its Network Service Rate by 2.35% and increase the
- 4 Transformation Connection Service Rate by 7.02% for all rate classes based upon Hydro
- 5 One approved Uniform Transmission Rates announced by the Board on April 4, 2013
- 6 (EB-2012-0143). The network and connection rate adjustments are summarized below in
- 7 Table 8-15 and Table 8-16.

## **Table 8-15 Adjustment to Network Service Rates**

Rate Class	Metric	2013 RTR Network Rates	Proposed 2014 RTR Network Rates	Percentage Change
Residential	kWh	\$0.0062	\$0.0063	2.35%
GS < 50 kW	kWh	\$0.0054	\$0.0055	2.35%
GS 50-999 kW	kW	\$3.5124	\$3.5950	2.35%
GS 1000-4999 kW	kW	\$2.6676	\$2.7303	2.35%
Large User	kW	\$2.5279	\$2.5874	2.35%
USL	kWh	\$0.0054	\$0.0055	2.35%
Street Lighting	kW	\$1.7651	\$1.8066	2.35%
Embedded Distributor	kW	\$2.5279	\$2.5874	2.35%

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**Table 8-16 Adjustment to Connection Rates** 

Rate Class	Metric	2013 RTR Connection Rates	Proposed 2014 RTR Connection Rates	Percentage Change
Residential	kWh	\$0.0036	\$0.0039	7.02%
GS < 50 kW	kWh	\$0.0034	\$0.0036	7.02%
GS 50-999 kW	kW	\$2.0763	\$2.2221	7.02%
GS 1000-4999 kW	kW	\$1.6295	\$1.7439	7.02%
Large User	kW	\$1.6586	\$1.7751	7.02%
USL	kWh	\$0.0034	\$0.0036	7.02%
Street Lighting	kW	\$1.0434	\$1.1167	7.02%
<b>Embedded Distributor</b>	kW	\$1.6586	\$1.7751	7.02%

- 12 CND proposes to adjust Retail Transmission Network and Connection Service rates as
- determined by the Board RTSR Model in Appendix 8-1.

Page 1 of 1 Filed: October 1, 2013

## 1 RETAIL SERVICE CHARGES

2 CND charges retailers or customers for retail service provided by CND related t
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3 of competitive electricity. CND currently charges the standard retail service rates listed

4 below.

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	5	
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

CND proposes to maintain its existing Retail Service Charges.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 5 Page 1 of 1 Filed: October 1, 2013

#### 1 WHOLESALE MARKET SERVICE RATE

- 2 The Wholesale Market Service Rate (WMS) is designed to allow CND to recover costs
- 3 charged by the IESO for the operation of the IESO administered markets and the operation
- 4 of the IESO-controlled grid. The Board has determined that this rate should be consistent
- 5 across all LDCs. The WMS rate was established in the Decision and Reasons and Rate
- 6 Order (EB-2013-0067) issued by the Board on March 21, 2013. Included in the regulatory
- 7 charges are the provincially set WMS of \$0.0044/kWh and the Rural Rate Protection
- 8 Charge (RRRP) of \$0.0012/kWh.
- 9 On December 20, 2012, the Board issued a Decision with Reasons and Rate Order
- 10 (EB-2012-0453) indicating the RRRP charge increased from \$0.0011/kWh to \$0.0012/kWh
- 11 effective January 1, 2013.
- 12 CND does not propose to change the current WMS and RRRP rates.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 6 Page 1 of 1 Filed: October 1, 2013

#### SMART METERING CHARGE

- 2 On March 28, 2013, the Board issued a Decision and Order (EB-2012-0100/EB-2012-0211)
- 3 for distributors to implement a monthly Smart Meter Entity charge of \$0.79 per month levied
- 4 on Residential and General Service less than 50 kW customers effective May 1, 2013. This
- 5 charge is expected to be effective until October 31, 2018.
- 6 CND currently charges its Residential and General Service less than 50 kW customers the
- 7 Smart Meter Entity charge.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 7 Page 1 of 1 Filed: October 1, 2013

## SPECIFIC SERVICE CHARGES

- 2 CND proposes to continue the current levels of its Specific Service Charges. The list of the
- 3 current Specific Service Charges are outlined below.

#### **Customer Administration**

Stomer Administration		
Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Pulling Post Dated Cheques	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Notification charge	\$	15.00
Account History	\$	15.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Change to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection – during regular hours	\$	30.00
Collection of account charge – no disconnection – after regular hours	\$	165.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Service call – customer owned equipment	\$	30.00
Service call – after regular hours	\$	165.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35

- 5 A schedule outlining revenues recovered from these rates and charges can be found in
- 6 Exhibit 3, Other Revenue, Table 3-30.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 8 Page 1 of 3 Filed: October 1, 2013

#### 1 LOW VOLTAGE CHARGES

## 2 Historical Low Voltage Charges:

- 3 Table 8-17 presents CND's actual and forecasted low voltage charges with the year-over-
- 4 year variances.

## Table 8-17 Historical Low Voltage Charges and Variance

Year	LV	/ Charge	Variance
2010	\$	82,781	
2011		100,490	21.39%
2012		190,487	89.56%
Bridge 2013		180,160	-5.42%
Test 2014		170,662	-5.27%

6

5

# 7 Proposed Adjustment re: Low Voltage Charge Recovery:

- 8 CND estimates 2014 low voltage charge from Hydro One to be \$170,662, based on 2012
- 9 charges from Hydro One. CND is proposing to recover this amount from each rate class.
- 10 Details of the estimated charge and the amount to be recovered from each rate class are
- 11 outlined in Table 8-18 below.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 8 Page 2 of 3 Filed: October 1, 2013

# Table 8-18 Estimate Low Voltage Charge from Hydro One

Date	C	ommon ST Lin	es			Н	VDS-HIGH				LVDS	
Date	Rate	kW		\$	Rate		kW	\$	Rate		kW	\$
Jun-12	0.6680	7,205.00	\$	4,812.94	1.5970		6,563.00	\$ 10,481.11	1.9440		636.00	\$ 1,236.38
Jul-12	0.6680	7,422.00	\$	4,957.90	1.5970		6,710.00	\$ 10,715.87	1.9440		705.00	\$ 1,370.52
Aug-12	0.6680	6,603.00	\$	4,410.80	1.5970		5,958.00	\$ 9,514.93	1.9440		638.00	\$ 1,240.27
Sep-12	0.6680	6,314.00	\$	4,217.75	1.5970		5,693.00	\$ 9,091.72	1.9440		614.00	\$ 1,193.62
Oct-12	0.6680	5,388.00	\$	3,599.18	1.5970		4,886.00	\$ 7,802.94	1.9440		497.00	\$ 966.17
Nov-12	0.6680	5,866.00	\$	3,918.49	1.5970		5,318.00	\$ 8,492.85	1.9440		542.00	\$ 1,053.65
Dec-12	0.6680	6,165.00	\$	4,118.22	1.5970		5,558.00	\$ 8,876.13	1.9440		601.00	\$ 1,168.34
Jan-13	0.6750	6,381.00	\$	4,307.18	1.6140		5,805.00	\$ 9,369.27	1.9650		571.00	\$ 1,122.02
Feb-13	0.6750	6,048.00	\$	4,082.40	1.6140		5,502.00	\$ 8,880.23	1.9650		541.00	\$ 1,063.07
Mar-13	0.6750	5,569.00	\$	3,759.08	1.6140		5,071.00	\$ 8,184.59	1.9650		493.00	\$ 968.75
Apr-13	0.6750	5,002.60	\$	3,376.76	1.6140		4,557.49	\$ 7,355.79	1.9650		440.70	\$ 865.98
May-13	0.6750	5,601.25	\$	3,780.84	1.6140		5,085.54	\$ 8,208.06	1.9650		510.60	\$ 1,003.33
Total			\$	49,341.53				\$ 106,973.48				\$ 13,252.08
Average kW per	Month	6,130.40				,	5,558.92			_	565.78	
Annual kW		73,564.85					66,707.03				6,789.30	
Rate per kW		\$ 0.6750				\$	1.6140			\$	1.9650	
Annual Charge			\$	49,656.27				\$ 107,665.15				\$ 13,340.97
Total Test 2014	Charge	\$ 170,662										

3 Table 8-19 presents the allocation of the Low Voltage charges by rate class.

# 4 Table 8-19 Allocation of Low Voltage Charge

Rate Class	Retail Trar Connection		Basis for Allocation (\$)	Allocation Percentages	Allocated \$	
	per KWh	per kW	Anocation (ψ)	1 crocmages		
Residential	0.0036		1,422,951	22.89%	39,072	
GS < 50 kW	0.0034		521,958	8.40%	14,332	
GS >50		2.0763	2,546,935	40.98%	69,935	
GS >1000 to 4999 kW		1.6295	857,919	13.80%	23,557	
Large Users		1.6286	832,501	13.39%	22,859	
Street Lighting		1.0434	27,022	0.43%	742	
USL	0.0034		5,973	0.10%	164	
Embedded Dist Waterloo		1.6586	0	0.00%	0	
Embedded Dist HONI		1.6586	0	0.00%	0	
Total			6,215,260	100%	170,662	

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 8 Page 3 of 3 Filed: October 1, 2013

- 1 CND does not charge Low Voltage rates to Embedded Distributors, resulting in zero
- 2 allocation to these customers.
- 3 The allocation of Low Voltage charges in Table 8-19 above were applied to CND's
- 4 calculation of Low Voltage rates for each rate class based on forecast kWh and kW. CND's
- 5 proposed Low Voltage rates are presented in Table 8-20 below.

## **Table 8-20 Proposed Low Voltage Charge by Rate Class**

Rate Class	LV Adj. Allocated	Calculated kWh	Calculated kW	Volumetric Rate Type	LV/ Adj. Rates/kWh	LV Adj. Rates/ kW
Residential	39,072	395,264,057		kWh	0.0001	
GS < 50 kW	14,332	153,517,084		kWh	0.0001	
GS >50	69,935	431,657,534	1,226,670	kW		0.0570
GS >1000 to 4999 kW	23,557	221,335,611	526,492	kW		0.0447
Large Users	22,859	254,414,468	511,176	kW		0.0447
Street Lighting	742	9,649,328	25,898	kW		0.0287
USL	164	1,756,889		kWh	0.0001	
Total	170,662	1,511,025,839	90,564			

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 9 Page 1 of 3

Filed: October 1, 2013

#### 1 LOSS ADJUSTMENT FACTORS

- 2 CND is a host distributor to each of Waterloo North Hydro and Hydro One Networks. The
- 3 embedded distributors are only partially embedded to CND, which transports electricity at
- 4 below 50 kV ("Low Voltage") to each of the embedded distributors to enable them to serve
- 5 part of their respective customers and load.

#### 6 Total Loss Factor:

- 7 CND has calculated the Total Loss Factor to be applied to customers' consumption based
- 8 on the average wholesale and retail kWh for the years 2008 to 2012. The total loss factor
- 9 calculation is determined by the Supply Facility Loss Factor (SFLF) multiplied by the
- 10 Distribution Loss Factor (DLF).
- 11 The Supply Facility Loss Factor (SFLF) represents the losses on supply to CND. The SFLF
- 12 is calculated on the measured quantities between the transformer stations and the
- 13 wholesale meter points. CND is directly connected to the IESO-controlled grid and
- 14 proposes to use the OEB standard SFLF of 1.0045.
- 15 CND calculates the historical five year average Distribution Loss Factor (DLF) to be 1.0289.
- 16 CND's proposed Total Loss Factor is 1.0335.
- 17 In 2009, CND switched its wholesale/retail settlement service provider. CND does not have
- 18 the actual wholesale kWh delivered (higher value) for 2008 and 2009. This value is not
- 19 used for the purposes of calculating the DLF in Table 8-21.
- 20 CND's load forecast model of purchased kWhs incorporates renewable generation in 2011
- and 2012 in the amounts of 2,912,181 and 5,244,720 respectively. In addition, the forecast
- 22 model includes kWhs delivered to a customer that became a direct market participant
- 23 during 2012. Data contained in line A(2) of Table 8-21 excludes in 2012 the direct market
- 24 participant. The data differences are insignificant (less than 0.07%) for the purposes of
- 25 Table 8-21.

1 The calculations are summarized in Table 8-21 (Appendix 2-R Loss Factors) below.

# Table 8-21 (Appendix 2-R Loss Factors)

		Historical Years			E Voor Averen		
		2008	2009	2010	2011	2012	5-Year Average
	Losses Within Distributor's System						
A(1)	"Wholesale" kWh delivered to			1,513,165,803	1,519,445,286	1,498,988,145	1,510,533,078
	distributor (higher value)						
A(2)	"Wholesale" kWh delivered to	1,557,480,807	1,450,835,587	1,512,131,461	1,518,451,615	1,498,261,441	1,507,432,182
	distributor (lower value)						
В	Portion of "Wholesale" kWh	232,600,733	182,485,870	198,522,853	170,887,758	157,294,219	188,358,286
	delivered to distributor for its Large						
	Use Customer(s)						
С	Net "Wholesale" kWh delivered to	1,324,880,074	1,268,349,717	1,313,608,608	1,347,563,857	1,340,967,222	1,319,073,896
	distributor = A(2) - B						
D	"Retail" kWh delivered by distributor	1,518,625,683	1,414,463,968	1,472,796,612	1,473,820,232	1,462,771,019	1,468,495,503
E	Portion of "Retail" kWh delivered by	230,297,755	180,679,079	196,557,281	169,195,800	155,736,850	186,493,353
	distributor to its Large Use						
	Customer(s)						
F	Net "Retail" kWh delivered by	1,288,327,928	1,233,784,889	1,276,239,332	1,304,624,431	1,307,034,169	1,282,002,150
	distributor = D - E						
G	Loss Factor in Distributor's system	1.0284	1.0280	1.0293	1.0329	1.0260	1.0289
	= C / F						
	Losses Upstream of Distributor's S	/stem					
Н	Supply Facilities Loss Factor	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045
	Total Losses						
I	Total Loss Factor = G x H	1.0330	1.0326	1.0339	1.0376	1.0306	1.0335

# 4 Total Loss Factor by Class:

- 5 Table 8-22 sets out the proposed class-specific Loss Factors to be applied by CND in the
- 6 calculation of commodity and other non-distribution charges.

## 7 Table 8-22 Total Loss Factor

Total Utility Loss Adjustment Factor			
Total I are Footer			
Total Loss Factor			
Total Loss Factor - Secondary Metered Customer < 5000 kW	1.0335		
Total Loss Factor - Secondary Metered Customer > 5000 kW	1.0103		
Total Loss Factor - Primary Metered Customer < 5000 kW	1.0183		
Total Loss Factor - Primary Metered Customer > 5000 kW	1.0103		
Total Loss Factor - Primary Metered Customer > 5000 kW	1.0103		

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 9 Page 3 of 3 Filed: October 1, 2013

# 1 Materiality Analysis on Distribution Losses:

- 2 CND's Distribution Loss Adjustment factor is 2.89% as per Table 8-21 (Appendix 2-R Loss
- 3 Factors). Pursuant to the Filing Requirements, as the Distribution Loss Adjustment factor is
- 4 less than 5%, CND is not required to provide an explanation of, or justification for, its loss
- 5 adjustment factor.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 1 of 23

Filed: October 1, 2013

#### **RATE SCHEDULES**

1

2 CND Current 2013 Tariff of Rates and Charges
3 Cambridge and North Dumfries Hydro
TARIFF OF RATES AND CHARGES
4 Effective and Implementation Date May 1, 2013
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0111

#### RESIDENTIAL SERVICE CLASSIFICATION

Residential refers to the supply of electrical energy to detached, semi-detached, and row-housing units (freehold or condominium). This classification typically refers to an account taking electricity at 750 volts or less where 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. Separate metered dwellings within a town house complex, condominium, or apartment building also qualify as residential customers, 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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.

19000000000000000000000000000000000000		
Service Charge	\$	10.09
Rate Rider for Recovery of Smart Meter Incremental Revenue Requirement - in effect until the effective		
date of the next cost of service application	\$	2.22
Rate Rider for Disposition of Residual Historical Smart Meter Costs - effective until April 30, 2014	\$	0.01
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0163
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Account (2013) - effective until April 30, 2014	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0033
Rate Rider for Application of Tax Change - effective until April 30, 2014	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	S/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10

Page 2 of 23 Filed: October 1, 2013

Page 2 of 11

# Cambridge and North Dumfries Hydro TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2013

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

EB-2012-0111

#### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account taking electricity at 750 volts or less whose average monthly peak 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.

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Service Charge	\$	11.92
Rate Rider for Recovery of Smart Meter Incremental Revenue Requirement - in effect until the effective		
date of the next cost of service application	S	6.20
Rate Rider for Disposition of Residual Historical Smart Meter Costs - effective until April 30, 2014	\$	4.89
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0127
Rate Rider for Disposition of Deferral/Variance Account (2013) - effective until April 30, 2014	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0033
Rate Rider for Application of Tax Change - effective until April 30, 2014	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc. EB-2013-0116

> Exhibit 8 Tab 1 Schedule 10

> > Page 3 of 11

Page 3 of 23

Filed: October 1, 2013

# Cambridge and North Dumfries Hydro TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2013

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

EB-2012-0111

## **GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION**

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 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.

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It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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.

Service Charge	\$	109.35
Distribution Volumetric Rate	\$/kW	3.6834
Low Voltage Service Rate	\$/kW	0.0290
Rate Rider for Disposition of Deferral/Variance Account (2013) - effective until April 30, 2014	\$/kW	0.1180
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	1.2458
Rate Rider for Application of Tax Change - effective until April 30, 2014	\$/kW	(0.0188)
Retail Transmission Rate - Network Service Rate	\$/kW	3.5124
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0763

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10

Page 4 of 23 Filed: October 1, 2013

Page 4 of 11

# Cambridge and North Dumfries Hydro TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2013

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

EB-2012-0111

0.25

# **GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION**

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW but less 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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**

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	908.75
Distribution Volumetric Rate	\$/kW	3.2086
Low Voltage Service Rate	\$/kW	0.0228
Rate Rider for Disposition of Deferral/Variance Account (2013) - effective until April 30, 2014	\$/kW	0.1413
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	1.4915
Rate Rider for Application of Tax Change - effective until April 30, 2014	\$/kW	(0.0161)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6676
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6295
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 5 of 23

Page 5 of 11

Filed: October 1, 2013

# Cambridge and North Dumfries Hydro TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2013

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

EB-2012-0111

\$/kWh

\$

0.0012

## LARGE USE SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	7,785.09
Distribution Volumetric Rate	\$/kW	2.1619
Low Voltage Service Rate	\$/kW	0.0232
Rate Rider for Disposition of Deferral/Variance Account (2013) - effective until April 30, 2014	\$/kW	0.1616
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	1.7060
Rate Rider for Application of Tax Change - effective until April 30, 2014	\$/kW	(0.0118)
Retail Transmission Rate - Network Service Rate	\$/kW	2.5279
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6586
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044

Rural Rate Protection Charge

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10

Page 6 of 23 Filed: October 1, 2013

Page 6 of 11

# Cambridge and North Dumfries Hydro TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2013

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

EB-2012-0111

#### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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)	\$	7.07
Distribution Volumetric Rate	\$/kWh	0.0151
Rate Rider for Disposition of Deferral/Variance Account (2013) - effective until April 30, 2014	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0033
Rate Rider for Application of Tax Change - effective until April 30, 2014	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	S	0.25

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8

Tab 1
Schedule 10
Page 7 of 23

Filed: October 1, 2013

Page 7 of 11

# Cambridge and North Dumfries Hydro TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2013

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

EB-2012-0111

0.0012

0.25

\$/kWh

#### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting oeration, 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.

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It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge (per connection)	\$	2.04
Distribution Volumetric Rate	\$/kW	13.0110
Low Voltage Service Rate	\$/kW	0.0146
Rate Rider for Disposition of Deferral/Variance Account (2013) - effective until April 30, 2014	\$/kW	0.1276
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	1.2972
Rate Rider for Application of Tax Change - effective until April 30, 2014	\$/kW	(0.1105)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7651
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0434
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044

Rural Rate Protection Charge

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 8 of 23

Page 8 of 11

Filed: October 1, 2013

# Cambridge and North Dumfries Hydro TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2013

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

FB-2012-0111

## EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licenced 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.

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Monthly Distribution Wheeling Service Rate – Waterloo North Hydro	\$/kW	0.9779
Rate Rider for Application of Tax Change - Waterloo North Hydro - effective until April 30, 2014	\$/kW	(0.0042)
Monthly Distribution Wheeling Service Rate – Hydro One Networks	\$/kW	0.9157
Rate Rider for Application of Tax Change - Hydro One Networks - effective until April 30, 2014	\$/kW	(0.0039)
Rate Rider for Deferral/Variance Account Disposition (2013) - effective until April 30, 2014	\$/kW	0.1669
Retail Transmission Rate - Network Service Rate	\$/kW	2.5279
Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kW	1.6586

Cambridge and North Dumfries Hydro Inc.

EB-2013-0116 Exhibit 8

Tab 1 Schedule 10

Page 9 of 23 Filed: October 1, 2013

Page 9 of 11

# Cambridge and North Dumfries Hydro TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2013

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

EB-2012-0111

## 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.

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#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge \$ 5.40

### **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)

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 10 of 23

Page 10 of 11

Filed: October 1, 2013

# Cambridge and North Dumfries Hydro TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2013

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

FR-2012-0111

15.00

15.00

\$

\$

165.00

### SPECIFIC SERVICE CHARGES

#### APPLICATION

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

<b>Customer Administration</b>
Arrears certificate
Statement of Account

Service call - after regular hours

Specific Charge for Access to the Power Poles - \$/pole/year

Pulling Post Dated Cheques	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Notification charge	\$	15.00
Account History	\$	15.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection – during regular hours	\$	30.00
Collection of account charge – no disconnection – after regular hours	\$	165.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	S	415.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Service call – customer owned equipment	\$	30.00
7. 4		

Exhibit 8 Tab 1 Schedule 10

Page 11 of 23 Filed: October 1, 2013

1

Page 11 of 11

# Cambridge and North Dumfries Hydro TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2013

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

EB-2012-0111

# 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.

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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	1.0286
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0103
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0183
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0003

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 12 of 23 Filed: October 1, 2013

# CND Proposed Tariff of Rates Effective May 1, 2014 (Appendix 2-Z)

11

# Cambridge and North Dumfries Hydro Inc. RESIDENTIAL SERVICE CLASSIFICATION

Residential refers to the supply of electrical energy to detached, semi-detached, and row-housing units (freehold or condominium). This classification typically refers to an account taking electricity at 750 volts or less where 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. Separate metered dwellings within a town house complex, condominium, or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	13.32
Rate Rider for Recovery of Stranded Meter Assets – effective until April 30, 2015	\$	3.16
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0162
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kWh	(0.0007)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kWh	(0.0024)

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

#### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account takign electricity at 750 volts or less whose average monthly peak 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.

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#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	18.48
Rate Rider for Recovery of Stranded Meter Assets – effective until April 30, 2015	\$	10.96
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0129
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kWh	(0.0024)

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 15 of 23 Filed: October 1, 2013

#### **GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION**

General Service refers to the supply of electrical energy to buisness customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	126.44
Distribution Volumetric Rate	\$/kW	4.2429
Low Voltage Service Rate	\$/kW	0.0570
Retail Transmission Rate - Network Service Rate	\$/kW	3.5950
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2221
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	(0.4591)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kW	(1.3982)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW	(0.9034)

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 16 of 23 Filed: October 1, 2013

#### **GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION**

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	1,050.20
Distribution Volumetric Rate	\$/kW	3.6231
Low Voltage Service Rate	\$/kW	0.0447
Retail Transmission Rate - Network Service Rate	\$/kW	2.7303
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7439
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	(0.5660)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kW	(1.6739)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW	(1.0816)

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 17 of 23 Filed: October 1, 2013

#### LARGE USE SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand 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**

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#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	8,998.17
Distribution Volumetric Rate	\$/kW	2.4988
Low Voltage Service Rate	\$/kW	0.0447
Retail Transmission Rate - Network Service Rate	\$/kW	2.5874
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7751
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	(0.6076)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kW	(1.9146)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW	(1.2371)

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 18 of 23 Filed: October 1, 2013

#### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak 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. Ths customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	6.39
Distribution Volumetric Rate	\$/kWh	0.0136
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kWh	(0.0024)

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 19 of 23 Filed: October 1, 2013

#### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, 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. In addition, the charges in the Monthly Rates and Charges - Regulatory Component of this schedule do not apply fo a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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)	\$		2.75
Distribution Volumetric Rate	\$/kW	i	17.5126
Low Voltage Service Rate	\$/kW	Ī	0.0287
Retail Transmission Rate - Network Service Rate	\$/kW	i	1.8066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	ľ	1.1167
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW		0.1717
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kW		(1.4559)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW		(0.9407)

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 20 of 23 Filed: October 1, 2013

#### EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licenced 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. In addition, the charges in the Monthly Rates and Charges - Regulatory Component of this schedule do not apply fo a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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**

Monthly Distribution Wheeling Service Rate - Waterloo North Hydro	\$/kW	ľ	1.0356
Monthly Distribution Wheeling Service Rate - Hydro One Networks	\$/kW		0.9699
Retail Transmission Rate - Network Service Rate	\$/kW		2.5874
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW		1.7751
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW		0.0098

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 21 of 23 Filed: October 1, 2013

#### 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. In addition, the charges in the Monthly Rates and Charges - Regulatory Component of this schedule do not apply fo a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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	\$	5.40
ALLOWANCES		
Transformer Allow ance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allow ance for transformer losses – applied to measured demand and energy	%	(1.00)

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 22 of 23 Filed: October 1, 2013

#### **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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

#### **Customer Administration**

Arrears certificate	\$ 15.00
Statement of Account	\$ 15.00
Pulling Post Dated Cheques	\$ 15.00
Duplicate Invoices for previous billing	\$ 15.00
Request for other billing information	\$ 15.00
Easement Letter	\$ 15.00
Income Tax Letter	\$ 15.00
Notification charge	\$ 15.00
Account History	\$ 15.00
Credit Reference/credit check (plus credit agency costs)	\$ 15.00
Returned cheque (plus bank charges)	\$ 15.00
Charge to certify cheque	\$ 15.00
Legal letter charge	\$ 15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$ 30.00
Special meter reads	\$ 30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$ 30.00

#### Non-Payment of Account

Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection – during regular hours	\$	30.00
Collection of account charge – no disconnection – after regular hours	\$	165.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00

Install/Remove load control device – during regular hours	\$ 65.00
Install/Remove load control device – after regular hours	\$ 185.00
Service call – customer ow ned equipment	\$ 30.00
Service call – after regular hours	\$ 165.00
Specific Charge for Access to the Pow er Poles - \$/pole/year	\$ 22.35

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 10 Page 23 of 23 Filed: October 1, 2013

#### **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, 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 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	1.0335
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0103
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0183
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0103

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 11 Page 1 of 2 Filed: October 1, 2013

#### 1 REVENUE RECONCILIATION

- 2 The following Table 8-23 is a summary reconciliation of the 2014 forecast customer and
- 3 consumption volumes applied against the proposed 2014 distribution rates and reconciled to
- 4 the requested base distribution revenue requirement and its allocation to customer classes.
- 5 The results of this reconciliation indicate a minor variance of (\$6,402) which can be attributed
- 6 to the rounding of rates to 4 decimal places.

#### Table 8-23 CND 2014 Test Year Distribution Revenue Reconciliation

Rate Class	_	Fixed distribution Revenue	Variable Distribution Revenue		Transformer Allowance Credit		Distribution A		Total Distribution Revenue		Allowance [		Distribution			Expected
Residential	\$	7,686,822	\$	6,403,278			\$	14,090,100	\$	14,077,731						
GS < 50 kW	\$	1,051,253	\$	1,980,370			\$	3,031,623	\$	3,037,564						
GS >50	\$	1,172,184	\$	5,204,638	\$	(127,130)	\$	6,249,692	\$	6,249,680						
GS >1000 to 4999 kW	\$	345,060	\$	1,907,534	\$	(287,465)	\$	1,965,128	\$	1,965,104						
Large Users	\$	323,934	\$	1,277,327			\$	1,601,261	\$	1,601,246						
Street Lighting	\$	428,232	\$	453,542			\$	881,774	\$	881,774						
USL	\$	36,971	\$	23,894			\$	60,865	\$	60,942						
Embedded Dist Waterloo	\$	-	\$	65,652			\$	65,652	\$	65,651						
Embedded Dist HONI	\$	-	\$	26,352			\$	26,352	\$	26,352						
Total	\$	11,044,455	\$	17,342,587	-\$	414,595	\$	27,972,447	\$	27,966,045						
							Difference due to Rate ro			ate rounding						
							-\$	6,402								

- 9 Table 8-24 (Appendix 2-V) also summarizes the reconciliation in Table 8-23. It details the
- 10 load forecast, customer count forecast and proposed 2014 rates.

8

7

Cambridge and North Dumfries Hydro Inc.
EB-2013-0116
Exhibit 8
Tab 1
Schedule 11
Page 2 of 2
Filed: October 1, 2013

#### Table 8-24 (Appendix 2-V) Revenue Reconciliation

Rate Class	Customers/	Number of Customers/ Connections	Test Year Co	nsumption	Proposed Rates			Revenues at Revenue		Transformer Allowance	Total	Difference		
	Connections	Average	kWh	kW	Monthly F Service Volumetric Charge				vice Volumetric		Requirement	Credit	10141	Jiii oi oi i o
						kWh	kW							
Residential GS < 50 kW GS 50 to 999 kW GS 1,000 to 4,999 kW Large Use Streetlighting Unmetered Scattered Load Embedded Distributor-Waterloo	Customers Customers Customers Customers Customers Customers Connections Connections Customers	48,091 4,740 773 27 3 12,997 482	395,264,057 153,517,084 431,657,534 221,335,611 254,414,468 9,649,328 1,756,889 30,401,608	,	\$ 13.32 \$ 18.48 \$ 126.44 \$ 1,050.20 \$ 8,998.17 \$ 2.75 \$ 6.39 \$ -	0.0162 0.0129 0.0136	4.2429 3.6231 5.2.4988 5.17.5126	14,090,100 3,031,623 6,249,692.07 1,965,128.41 1,601,261 881,774 60,865 65,652	14,077,731 3,037,564 6,376,810 - \$ 2,252,569 - \$ 1,601,246 881,774 60,942 65,651	\$ \$ 127,130 \$ 287,465 \$ \$ \$ \$	14,077,731 -\$ 3,037,564 \$ 6,249,680 -\$ 1,965,104 -\$ 1,601,246 -\$ 881,774 -\$ 60,942 \$ 65,651 -\$	24 15		
Embedded Distributor-HONI	Customers	1	13,029,261	27,169	\$ -	:	0.9699	\$ 26,352	26,352	\$	26,352 \$	1		
Total								\$ 27,972,447	\$ 28,380,640	-\$ 414,595	\$ 27,966,045	\$ 6,402		

1

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 12 Page 1 of 1 Filed: October 1, 2013

#### BILL IMPACTS

- 2 Appendix 8-5 to this Schedule presents the results of the assessment of customer total bill
- 3 impacts by level of consumption by customer per rate class. Impacts are derived using the
- 4 applicable 2013 rates and the proposed 2014 distribution rates (including Rate Rider for the
- 5 recovery of Deferral and Variance Accounts) and proposed 2014 Retail Transmission Service
- 6 Rates.

1

- 7 The total bill impacts are calculated for each rate class at various levels of consumption. The
- 8 rate impacts are assessed on the basis of moving to the proposed distribution rates.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Tab 1 Schedule 13 Page 1 of 1 Filed: October 1, 2013

#### 1 RATE MITIGATION

2 CND is not proposing any rate mitigation at this time.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Appendix 8-1 Page 1 of 19 Filed: October 1, 2013

### APPENDIX 8-1 RTSR ADJUSTMENT WORK FORM – VERSION 4.0



Utility Name	Cambridge and North Dumfries Hydro	
Service Territory	City of Cambridge and Township of North D	Dumfries
Assigned EB Number	EB-2013-0116	
Name and Title	Grant Brooker, Manager, Regulatory Affairs	5
	540,004,0405,40040	
Phone Number	519.621.8405 ext 2340	
Email Address	gbrooker@camhydro.com	
Elliali Address	gbrooker@canniydro.com	
Date	01-Oct-13	
Date	01 301 13	
Last COS Re-based Year	2010	
	=3.0	

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

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your COS/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.



1. Info 7. Current Wholesale

2. Table of Contents 8. Forecast Wholesale

3. Rate Classes 9. Adj Network to Current WS

4. RRR Data 10. Adj Conn. to Current WS

5. UTRs and Sub-Transmission 11. Adj Network to Forecast WS

6. Historical Wholesale 12. Adj Conn. to Forecast WS

13. Final 2013 RTS Rates



- 1. Select the appropriate rate classes that appear on your most recent Board-Approved Tariff of Rates and Charges.
- 2. Enter the RTS Network and Connection Rate as it appears on the Tariff of Rates and Charges

Residential General Service Less Than 50 kW General Service 50 to 999 kW General Service 50 to 999 kW KW S 3.5124 S 2.0763 General Service 1,000 to 4,999 kW KW S 2.6676 S 1.6295 Large Use KW S 2.5279 S 1.6586 Unmetered Scattered Load KWh S 0.0054 Street Lighting KW S 1.7651 S 1.0434 Embedded Distributor KW S 2.5279 S 1.6586 Choose Rate Class	Rate Class	Unit	RTSR-Network	RTSR-Connection
	General Service Less Than 50 kW General Service 50 to 999 kW General Service 1,000 to 4,999 kW Large Use Unmetered Scattered Load Street Lighting Embedded Distributor Choose Rate Class	kWh kW kW kW kWh kWh	\$ 0.0054 \$ 3.5124 \$ 2.6676 \$ 2.5279 \$ 0.0054 \$ 1.7651	\$ 0.0036 \$ 0.0034 \$ 2.0763 \$ 1.6295 \$ 1.6586 \$ 0.0034 \$ 1.0434



In the green shaded cells, enter the most recent reported RRR billing determinants. Please ensure that hilling 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	395,264,057		1.0286		406,568,609	-
General Service Less Than 50 kW	kWh	153,517,084		1.0286		157,907,672	-
General Service 50 to 999 kW	kW	431,657,534	1,226,670		48.23%	431,657,534	1,226,670
General Service 1,000 to 4,999 kW	kW	221,335,611	526,492		57.62%	221,335,611	526,492
Large Use	kW	254,414,468	511,176		68.22%	254,414,468	511,176
Unmetered Scattered Load	kWh	1,756,889		1.0286		1,807,136	
Street Lighting	kW	9,649,328	25,898		51.07%	9,649,328	25,898
Embedded Distributor	kW		90,564		0.00%	-	90,564



Uniform Transmission Rates	Unit		January 1, 2012		e January 1, 2013		2 January 1, 2014
Rate Description		F	Rate	F	Rate	F	Rate
Network Service Rate	kW	\$	3.57	\$	3.63	\$	3.63
Line Connection Service Rate	kW	\$	0.80	\$	0.75	\$	0.75
Transformation Connection Service Rate	kW	\$	1.86	\$	1.85	\$	1.85
Hydro One Sub-Transmission Rates	Unit		January 1, 2012		9 January 1, 2013		9 January 1, 2014
Rate Description		F	Rate	F	Rate	F	Rate
Network Service Rate	kW	\$	2.65	\$	3.18	\$	3.18
Line Connection Service Rate	kW	\$	0.64	\$	0.70	\$	0.70
Transformation Connection Service Rate	kW	\$	1.50	\$	1.63	\$	1.63
Both Line and Transformation Connection Service Rate	kW	\$	2.14	\$	2.33	\$	2.33
If needed , add extra host here (I)	Unit		e January 1, 2012		e January 1, 2013		e January 1, 2014
Rate Description		F	Rate	F	Rate	F	Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-



If needed , add extra host here (II)	Unit	Effe	2012	Effecti	ve January 1, 2013	Effecti	ve January 1, 2014
Rate Description			Rate		Rate		Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-
Hydro One Sub-Transmission Rate Rider 9A	Unit	Effe	ctive January 1, 2012	Effecti	ve January 1, 2013	Effecti	ve January 1, 2014
Rate Description			Rate		Rate		Rate
RSVA Transmission network - 4714 - which affects 1584	kW	\$	-	\$	0.1465	\$	0.1465
RSVA Transmission connection – 4716 – which affects 1586	kW	\$	-	\$	0.0667	\$	0.0667
RSVA LV - 4750 - which affects 1550	kW	\$	-	\$	0.0475	\$	0.0475
RARA 1 - 2252 - which affects 1590	kW	\$	-	\$	0.0419	\$	0.0419
RARA 1 - 2252 - which affects 1590 (2008)	kW	\$	-	-\$	0.0270	-\$	0.0270
RARA 1 - 2252 - which affects 1590 (2009)	kW	\$	-	-\$	0.0006	-\$	0.0006
Hydro One Sub-Transmission Rate Rider 9A	kW	\$		\$	0.2750	\$	0.2750
Transformer Allowance Credit (if applicable, enter as a negative value)	\$	Hi	storical 2012	Cur	rent 2013	Fore	cast 2014



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	Connec	tion	Transforr	nation C	onnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	243,283	\$3.57	\$ 868,520	276,597	\$0.80	\$ 221,278	209,429	\$1.86	\$ 389,538	\$ 610,816
February	243,360	\$3.57	\$ 868,795	273,849	\$0.80	\$ 219,079	201,639	\$1.86	\$ 375,049	\$ 594,128
March	246,962	\$3.57	\$ 881,654	290,543	\$0.80	\$ 232,434	201,789	\$1.86	\$ 375,328	\$ 607,762
April	197,203	\$3.57	\$ 704,015	216,929	\$0.80	\$ 173,543	124,570	\$1.86	\$ 231,700	\$ 405,243
May	263,572	\$3.57	\$ 940,952	285,034	\$0.80	\$ 228,027	182,379	\$1.86	\$ 339,228	\$ 567,255
June	290,584	\$3.57	\$ 1,037,385	318,476	\$0.80	\$ 254,781	244,792	\$1.86	\$ 455,313	\$ 710,094
July	288,225	\$3.57	\$ 1,028,963	308,781	\$0.80	\$ 247,025	227,417	\$1.86	\$ 422,996	\$ 670,020
August	261,500	\$3.57	\$ 933,555	281,721	\$0.80	\$ 225,377	216,502	\$1.86	\$ 402,694	\$ 628,071
September	246,895	\$3.57	\$ 881,415	277,439	\$0.80	\$ 221,951	221,463	\$1.86	\$ 411,921	\$ 633,872
October	219,244	\$3.57	\$ 782,701	236,446	\$0.80	\$ 189,157	181,228	\$1.86	\$ 337,084	\$ 526,241
November	220,426	\$3.57	\$ 786,921	238,994	\$0.80	\$ 191,195	188,055	\$1.86	\$ 349,782	\$ 540,978
December	220,836	\$3.57	\$ 788,385	239,633	\$0.80	\$ 191,706	179,514	\$1.86	\$ 333,896	\$ 525,602
Total	2,942,090	3.57	\$ 10,503,261	3,244,442	\$ 0.80	\$ 2,595,554	2,378,777	\$ 1.86	\$ 4,424,528	\$ 7,020,082
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	6,287	\$2.65	\$ 16,661	6,287	\$0.64	\$ 4,024		\$0.00		\$ 4,024
January February	6,287 5,834	\$2.65 \$2.65	\$ 16,661 \$ 15,460	6,287 5,853	\$0.64 \$0.64	\$ 4,024 \$ 3,746		\$0.00 \$0.00		\$ 4,024 \$ 3,746
February	5,834	\$2.65	\$ 15,460	5,853	\$0.64	\$ 3,746		\$0.00		\$ 3,746
February March	5,834 5,597	\$2.65 \$2.65	\$ 15,460 \$ 14,832	5,853 5,717	\$0.64 \$0.64	\$ 3,746 \$ 3,659		\$0.00 \$0.00		\$ 3,746 \$ 3,659
February March April	5,834 5,597 4,985	\$2.65 \$2.65 \$2.65	\$ 15,460 \$ 14,832 \$ 13,210	5,853 5,717 5,175	\$0.64 \$0.64 \$0.64	\$ 3,746 \$ 3,659 \$ 3,312		\$0.00 \$0.00 \$0.00		\$ 3,746 \$ 3,659 \$ 3,312
February March April May	5,834 5,597 4,985 6,008	\$2.65 \$2.65 \$2.65 \$2.65	\$ 15,460 \$ 14,832 \$ 13,210 \$ 15,921	5,853 5,717 5,175 6,008	\$0.64 \$0.64 \$0.64 \$0.64	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845		\$0.00 \$0.00 \$0.00 \$0.00		\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845
February March April May June	5,834 5,597 4,985 6,008 6,786	\$2.65 \$2.65 \$2.65 \$2.65 \$2.65	\$ 15,460 \$ 14,832 \$ 13,210 \$ 15,921 \$ 17,983	5,853 5,717 5,175 6,008 6,786	\$0.64 \$0.64 \$0.64 \$0.64 \$0.64	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343
February March April May June July	5,834 5,597 4,985 6,008 6,786 6,938	\$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65	\$ 15,460 \$ 14,832 \$ 13,210 \$ 15,921 \$ 17,983 \$ 18,386	5,853 5,717 5,175 6,008 6,786 6,938	\$0.64 \$0.64 \$0.64 \$0.64 \$0.64	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440
February March April May June July August	5,834 5,597 4,985 6,008 6,786 6,938 6,161	\$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65	\$ 15,460 \$ 14,832 \$ 13,210 \$ 15,921 \$ 17,983 \$ 18,386 \$ 16,327	5,853 5,717 5,175 6,008 6,786 6,938 6,161	\$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440 \$ 3,943		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440 \$ 3,943
February March April May June July August September	5,834 5,597 4,985 6,008 6,786 6,938 6,161 5,738	\$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65	\$ 15,460 \$ 14,832 \$ 13,210 \$ 15,921 \$ 17,983 \$ 18,386 \$ 16,327 \$ 15,206	5,853 5,717 5,175 6,008 6,786 6,938 6,161 5,886	\$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440 \$ 3,943 \$ 3,767		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440 \$ 3,943 \$ 3,767
February March April May June July August September October	5,834 5,597 4,985 6,008 6,786 6,938 6,161 5,738 5,001	\$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65	\$ 15,460 \$ 14,832 \$ 13,210 \$ 15,921 \$ 17,983 \$ 18,386 \$ 16,327 \$ 15,206 \$ 13,253	5,853 5,717 5,175 6,008 6,786 6,938 6,161 5,886 5,052	\$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440 \$ 3,943 \$ 3,767 \$ 3,233		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440 \$ 3,943 \$ 3,767 \$ 3,233
February March April May June July August September October November	5,834 5,597 4,985 6,008 6,786 6,938 6,161 5,738 5,001 5,457	\$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65	\$ 15,460 \$ 14,832 \$ 13,210 \$ 15,921 \$ 17,983 \$ 18,386 \$ 16,327 \$ 15,206 \$ 13,253 \$ 14,461 \$ 14,763	5,853 5,717 5,175 6,008 6,786 6,938 6,161 5,886 5,052	\$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,440 \$ 3,943 \$ 3,767 \$ 3,233 \$ 3,519 \$ 3,678		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ -	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440 \$ 3,943 \$ 3,767 \$ 3,233 \$ 3,519
February March April May June July August September October November December	5,834 5,597 4,985 6,008 6,786 6,938 6,161 5,738 5,001 5,457 5,571	\$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65	\$ 15,460 \$ 14,832 \$ 13,210 \$ 15,921 \$ 17,983 \$ 18,386 \$ 16,327 \$ 15,206 \$ 13,253 \$ 14,461 \$ 14,763	5,853 5,717 5,175 6,008 6,786 6,938 6,161 5,886 5,052 5,499 5,747	\$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440 \$ 3,943 \$ 3,767 \$ 3,233 \$ 3,519 \$ 3,678		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ -	\$ 3,746 \$ 3,659 \$ 3,312 \$ 4,343 \$ 4,440 \$ 3,943 \$ 3,767 \$ 3,233 \$ 3,519 \$ 3,678
February March April May June July August September October November December	5,834 5,597 4,985 6,008 6,786 6,938 6,161 5,738 5,001 5,457 5,571	\$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65	\$ 15,460 \$ 14,832 \$ 13,210 \$ 15,921 \$ 17,983 \$ 18,386 \$ 16,327 \$ 15,206 \$ 13,253 \$ 14,461 \$ 14,763	5,853 5,717 5,175 6,008 6,786 6,938 6,161 5,886 5,052 5,499 5,747	\$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440 \$ 3,943 \$ 3,767 \$ 3,233 \$ 3,519 \$ 3,678		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,440 \$ 3,943 \$ 3,767 \$ 3,233 \$ 3,519 \$ 3,678
February March April May June July August September October November December  Total	5,834 5,597 4,985 6,008 6,786 6,938 6,161 5,738 5,001 5,457 5,571	\$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65 \$2.65	\$ 15,460 \$ 14,832 \$ 13,210 \$ 15,921 \$ 17,983 \$ 18,386 \$ 16,327 \$ 15,206 \$ 13,253 \$ 14,461 \$ 14,763	5,853 5,717 5,175 6,008 6,786 6,938 6,161 5,886 5,052 5,499 5,747	\$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64 \$0.64	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440 \$ 3,943 \$ 3,767 \$ 3,233 \$ 3,519 \$ 3,678		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-	\$ 3,746 \$ 3,659 \$ 3,312 \$ 3,845 \$ 4,343 \$ 4,440 \$ 3,943 \$ 3,767 \$ 3,233 \$ 3,519 \$ 3,678



In the green s	haded cells, enter billing	detail for who	olesale transmissi	on for the same rep	oorting pe	riod a	s the billing	determinants on S	Sheet "4. F	RRR Data".		
For Hydro One	e Sub-transmission Rates ner connection columns a	s, if you are c	harged a combine									
February		\$0.00			\$0.00				\$0.00		\$	
March		\$0.00			\$0.00				\$0.00		\$	_
April		\$0.00			\$0.00				\$0.00		\$	_
May		\$0.00			\$0.00				\$0.00		\$	_
June		\$0.00			\$0.00				\$0.00		\$	_
July		\$0.00			\$0.00				\$0.00		\$	_
August		\$0.00			\$0.00				\$0.00		\$	_
September		\$0.00			\$0.00				\$0.00		\$	_
October		\$0.00			\$0.00				\$0.00		\$	_
November		\$0.00			\$0.00				\$0.00		\$	_
December		\$0.00			\$0.00				\$0.00		\$	-
Total	- \$	-	\$ -		\$ -	\$	-		\$ -	\$ -	\$	-
d Extra Host Here (II)		Network		Line	Conne	ction		Transform	nation C	Connection	To	tal Line
(if needed)		Network		Line	COMME	Ction		Haliston	nation c	onnection	10	tai Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	A	mount	Units Billed	Rate	Amount	A	mount
January		\$0.00			\$0.00				\$0.00		\$	
February		\$0.00			\$0.00				\$0.00		\$	-
March		\$0.00			\$0.00				\$0.00		\$	-
April		\$0.00			\$0.00				\$0.00		\$	_
May		\$0.00			\$0.00				\$0.00		\$	-
June		\$0.00			\$0.00				\$0.00		\$	
July		\$0.00			\$0.00				\$0.00		\$	
August		\$0.00			\$0.00				\$0.00		\$	_
September		\$0.00			\$0.00				\$0.00		\$	-
October		\$0.00			\$0.00				\$0.00		\$	_
November		\$0.00			\$0.00				\$0.00		\$	_
December		\$0.00			\$0.00				\$0.00		\$	-
Total	- \$	-	\$ -		\$ -	\$	-		\$ -	\$ -	\$	-
Total		Network		Line	Conne	ction		Transforn	nation C	Connection	То	tal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	A	mount	Units Billed	Rate	Amount	A	mount
January	249,570	\$3.55	\$ 885,181	282,884	\$0.80	\$	225,301	209,429	\$1.86	\$ 389,538	\$	614,839
February	249,194	\$3.55	\$ 884,255	279,702	\$0.80	\$	222,825	201,639	\$1.86	\$ 375,049	\$	597,874
March	252,559	\$3.55	\$ 896,486	296,260	\$0.80	\$	236,093	201,789	\$1.86	\$ 375,328	\$	611,421
April	202,188	\$3.55	\$ 717,225	222,104	\$0.80	\$	176,855	124,570	\$1.86	\$ 231,700	\$	408,555
May	269,580	\$3.55	\$ 956,873	291,042	\$0.80	\$	231,872	182,379	\$1.86	\$ 339,228	\$	571,100
June	297,370	\$3.55	\$ 1,055,368	325,262	\$0.80	\$	259,124	244,792	\$1.86	\$ 455,313	\$	714,437
July	295,163	\$3.55	\$ 1,047,349	315,719	\$0.80	\$	251,465	227,417	\$1.86	\$ 422,996	\$	674,461



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.

August	267,661	\$3.55	\$ 949,882	287,882	\$ 08.0	\$ 229,320	216,502	\$1	.86	\$ 402,694	;	\$ 632,014
September	252,633	\$3.55	\$ 896,621	283,325	\$ 08.0	\$ 225,718	221,463	\$1	.86	\$ 411,921	;	\$ 637,639
October	224,245	\$3.55	\$ 795,954	241,498	\$ 08.0	\$ 192,390	181,228	\$1	.86	\$ 337,084	;	\$ 529,474
November	225,883	\$3.55	\$ 801,382	244,493	\$ 08.0	\$ 194,715	188,055	\$1	.86	\$ 349,782	;	\$ 544,497
December	226,407	\$3.55	\$ 803,148	245,380	\$ 08.0	\$ 195,384	179,514	\$1	.86	\$ 333,896	;	\$ 529,281
											_	
Total	3,012,453 \$	3.55	\$ 10,689,723	3,315,551	\$ 0.80	\$ 2,641,063	2,378,777	\$	1.86	\$ 4,424,528	:	\$ 7,065,592



The purpose of this sheet is to calculate the expected billing when current 2013 Uniform Transmission Rates are applied against historical 2012 transmission units.

IESO		Network		Line	e Connect	ion	Transforr	nation Co	nnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	243,283	\$ 3.6300	\$ 883,117	276,597	\$ 0.7500	\$ 207,448	209,429	\$ 1.8500	\$ 387,444	\$ 594,891
February	243,360	\$ 3.6300	\$ 883,397	273,849	\$ 0.7500	\$ 205,387	201,639	\$ 1.8500	\$ 373,032	\$ 578,419
March	246,962	\$ 3.6300	\$ 896,472	290,543	\$ 0.7500	\$ 217,907	201,789	\$ 1.8500	\$ 373,310	\$ 591,217
April	197,203	\$ 3.6300	\$ 715,847	216,929	\$ 0.7500	\$ 162,697	124,570	\$ 1.8500	\$ 230,455	\$ 393,151
May	263,572	\$ 3.6300	\$ 956,766	285,034	\$ 0.7500	\$ 213,776	182,379	\$ 1.8500	\$ 337,401	\$ 551,177
June	290,584	\$ 3.6300	\$ 1,054,820	318,476	\$ 0.7500	\$ 238,857	244,792	\$ 1.8500	\$ 452,865	\$ 691,722
July	288,225	\$ 3.6300	\$ 1,046,257	308,781	\$ 0.7500	\$ 231,586	227,417	\$ 1.8500	\$ 420,721	\$ 652,307
August	261,500	\$ 3.6300	\$ 949,245	281,721	\$ 0.7500	\$ 211,291	216,502	\$ 1.8500	\$ 400,529	\$ 611,819
September	246,895	\$ 3.6300	\$ 896,229	277,439	\$ 0.7500	\$ 208,079	221,463	\$ 1.8500	\$ 409,707	\$ 617,786
October	219,244	\$ 3.6300	\$ 795,856	236,446	\$ 0.7500	\$ 177,335	181,228	\$ 1.8500		\$ 512,606
November	220,426	\$ 3.6300	\$ 800,146	238,994	\$ 0.7500	\$ 179,246	188,055	\$ 1.8500	\$ 347,902	\$ 527,147
December	220,836	\$ 3.6300	\$ 801,635	239,633	\$ 0.7500	\$ 179,725	179,514	\$ 1.8500	\$ 332,101	\$ 511,826
Total	2,942,090	\$ 3.63	\$ 10,679,787	3,244,442	\$ 0.75	\$ 2,433,332	2,378,777	\$ 1.85	\$ 4,400,737	\$ 6,834,069
Hydro One	Network			Line	e Connect	ion	Transforr	nation Co	nnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	6,287	\$ 3.3265	\$ 20,914	6,287	\$ 0.7667	\$ 4,820	_	\$ 1.6300	\$ -	\$ 4,820
February	5,834			5,853			_	\$ 1.6300		\$ 4,487
March	5,597			5,717			-	\$ 1.6300	\$ -	\$ 4,383
April	4,985	\$ 3.3265	\$ 16,583	5,175		\$ 3,968	-	\$ 1.6300	\$ -	\$ 3,968
May	6,008	\$ 3.3265	\$ 19,986	6,008	\$ 0.7667	\$ 4,606	-	\$ 1.6300	\$ -	\$ 4,606
June	6,786	\$ 3.3265	\$ 22,574	6,786	\$ 0.7667	\$ 5,203	-	\$ 1.6300	\$ -	\$ 5,203
July	6,938	\$ 3.3265	\$ 23,079	6,938	\$ 0.7667	\$ 5,319	-	\$ 1.6300	\$ -	\$ 5,319
August	6,161	\$ 3.3265	\$ 20,495	6,161	\$ 0.7667	\$ 4,724	-	\$ 1.6300	\$ -	\$ 4,724
September	5,738	\$ 3.3265	\$ 19,087	5,886	\$ 0.7667	\$ 4,513	-	\$ 1.6300	\$ -	\$ 4,513
October	5,001	\$ 3.3265	\$ 16,636	5,052	\$ 0.7667	\$ 3,873	-	\$ 1.6300	\$ -	\$ 3,873
November	5,457	\$ 3.3265	\$ 18,153	5,499	\$ 0.7667	\$ 4,216	-	\$ 1.6300	\$ -	\$ 4,216
December	5,571	\$ 3.3265	\$ 18,532	5,747	\$ 0.7667	\$ 4,406	-	\$ 1.6300	\$ -	\$ 4,406
Total	70,363	\$ 3.33	\$ 234,063	71,109	\$ 0.77	\$ 54,519	-	\$ -	\$ -	\$ 54,519
Add Extra Host Here (I)		Network		Line	e Connect	ion	Transforr	nation Co	nnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- :	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	- :	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	- :	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Iune		•	¢ .		¢ .	e .		¢ .	e .	œ .



The purpose of this sheet is to calculate the expected billing when current 2013 Uniform Transmission Rates are applied against historical 2012 transmission units.

July	-	\$	-	\$	-	=	\$		\$	-	-	\$ -	\$	-	\$	-
August	-	\$	-	\$	-	=	\$		\$	-	-	\$ -	\$	-	\$	-
September	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	\$	-	\$	-
October	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	\$	-	\$	-
November	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	\$	-	\$	-
December	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	\$	-	\$	-
Total	-	\$	-	\$	-		\$	-	\$	-		\$ -	\$		\$	-
Add Extra Host Here (II)		١	Network			Lin	e Con	necti	ion		Transforn	nation (	Conne	ection	To	tal Line
Month	Units Billed		Rate		Amount	Units Billed	Rat	te	A	mount	Units Billed	Rate	A	mount	A	mount
January	_	\$	_	\$	_	_	\$	_	\$	_	_	s -	\$	_	\$	_
February	_	\$	_	\$	_	_	\$		\$	_	_	\$ -	\$	_	\$	_
March		\$		\$			\$		\$			\$ -	s.		\$	
April	-	\$ \$		\$	-	-	э \$		\$	-	-	φ - \$ -	φ \$		\$	-
May	-	φ \$	-	\$	-	-	Ф \$		φ \$	-	-	э - \$ -	э \$	-	\$	-
June	-	\$ \$	-	\$	-	-	э \$		\$	-	-	φ - \$ -	φ \$	-	\$	-
*	-	φ \$		\$	-	-	Ф \$		\$	-	-	э - \$ -	э \$	-		-
July	-		-	-	-	-	\$		\$	-	-	\$ - \$ -	s S	-	\$	-
August	-	\$	-	\$	-	-	•		-	-	-	-	-	-	\$	-
September	-	\$	-	\$	-	=	\$		\$	-	-	\$ -	\$	-	\$	-
October	-	\$	-	\$	-	=	\$		\$	-	-	\$ -	\$	-	\$	-
November	-	\$	-	\$	-	-	\$		\$	-	-	\$ -	\$	-	\$	-
December	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	\$	-	\$	-
Total	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	\$		\$	-
Total		N	Network			Lin	e Con	necti	ion		Transforn	nation (	Conne	ection	To	tal Line
Month	Units Billed		Rate	4	Amount	Units Billed	Ra	te	A	mount	Units Billed	Rate	A	mount	A	mount
January	249,570		\$3.62	\$	904,031	282,884	\$0.7	75	\$	212,268	209,429	\$1.85	\$	387,444	\$	599,712
February	249,194		\$3.62	\$	902,804	279,702	\$0.7		\$	209,874	201,639	\$1.85	\$	373,032	\$	582,906
March	252,559		\$3.62	\$	915,090	296,260	\$0.7		\$	222,290	201,789	\$1.85	\$	373,310	\$	595,600
April	202,188		\$3.62	\$	732,429	222,104	\$0.7		\$	166,664	124,570	\$1.85	\$	230,455	\$	397,119
May	269,580		\$3.62	\$	976,752	291,042	\$0.7		\$	218,382	182,379	\$1.85	\$	337,401	\$	555,783
June	297,370		\$3.62	\$	1,077,394	325,262	\$0.7		\$	244,060	244,792	\$1.85	\$	452,865	\$	696,925
July	295,163		\$3.62	\$	1,069,336	315,719	\$0.7		\$	236,905	227,417	\$1.85	\$	420,721	\$	657,627
August	295,163		\$3.62	\$	969,740	287,882	\$0.7		\$	236,905	216,502	\$1.85	\$	420,721	\$	616,543
September	252,633			\$			\$0.7		\$	212,592			\$ \$	400,529	\$	622,299
October			\$3.62		915,316	283,325					221,463	\$1.85	\$			
November	224,245		\$3.62	\$	812,492	241,498	\$0.7		\$	181,208	181,228	\$1.85		335,272	\$	516,480
	225,883		\$3.62	\$	818,299	244,493	\$0.7		\$	183,462	188,055	\$1.85	\$	347,902	\$	531,363
December	226,407		\$3.62	\$	820,167	245,380	\$0.7	75	\$	184,131	179,514	\$1.85	\$	332,101	\$	516,232
Total	3,012,453	\$	3.62	\$	10,913,849	3,315,551	\$	0.75	\$	2,487,851	2,378,777	\$ 1.8	5 \$	4,400,737	\$	6,888,588



The purpose of this sheet is to calculate the expected billing when forecasted 2014 Uniform Transmission Rates are applied against historical 2012 transmission units.

IESO	Ne	etwork		Line	Connection	on	Transforr	nation Con	nection	To	tal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	243,283 \$	3.6300 \$	883,117	276,597	\$ 0.7500 \$	207,448	209,429	\$ 1.8500 \$	387,444	\$	594,891
February	243,360 \$	3.6300 \$	883,397	273,849	\$ 0.7500 \$	205,387	201,639	\$ 1.8500 \$	373,032	\$	578,419
March	246,962 \$	3.6300 \$	896,472	290,543	\$ 0.7500 \$	217,907	201,789	\$ 1.8500 \$	373,310	\$	591,217
April	197,203 \$	3.6300 \$	715,847	216,929	\$ 0.7500 \$	162,697	124,570	\$ 1.8500 \$	230,455	\$	393,151
May	263,572 \$	3.6300 \$	956,766	285,034	\$ 0.7500 \$	213,776	182,379	\$ 1.8500 \$	337,401	\$	551,177
June	290,584 \$	3.6300 \$	1,054,820	318,476	\$ 0.7500 \$	238,857	244,792	\$ 1.8500 \$	452,865	\$	691,722
July	288,225 \$	3.6300 \$	1,046,257	308,781	\$ 0.7500	231,586	227,417	\$ 1.8500 \$	420,721	\$	652,307
August	261,500 \$		949,245	281,721	\$ 0.7500	211,291		\$ 1.8500 \$		\$	611,819
September	246,895 \$		896,229	277,439	\$ 0.7500	208,079		\$ 1.8500 \$		\$	617,786
October	219,244 \$	3.6300 \$	795,856	236,446	\$ 0.7500	177,335	181,228	\$ 1.8500 \$	335,272	\$	512,606
November	220,426 \$	3.6300 \$	800,146	238,994	\$ 0.7500		188,055	\$ 1.8500 \$	347,902	\$	527,147
December	220,836 \$	3.6300 \$	801,635	239,633	\$ 0.7500	179,725	179,514	\$ 1.8500 \$	332,101	\$	511,826
Total	2,942,090 \$	3.63 \$	10,679,787	3,244,442	\$ 0.75 \$	2,433,332	2,378,777	\$ 1.85 \$	4,400,737	\$	6,834,069
Hydro One	Ne	etwork		Line	Connection	on	Transforr	nation Con	nection	To	tal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	6,287 \$	3.3265 \$	20,914	6,287	\$ 0.7667	4,820	-	\$ 1.6300 \$	-	\$	4,820
February	5,834 \$	3.3265 \$	19,407	5,853	\$ 0.7667	4,487	-	\$ 1.6300 \$	-	\$	4,487
March	5,597 \$	3.3265 \$	18,618	5,717	\$ 0.7667	4,383	-	\$ 1.6300 \$	-	\$	4,383
April	4,985 \$	3.3265 \$	16,583	5,175	\$ 0.7667	3,968	-	\$ 1.6300 \$	-	\$	3,968
May	6,008 \$	3.3265 \$	19,986	6,008	\$ 0.7667	4,606	-	\$ 1.6300 \$	-	\$	4,606
June	6,786 \$	3.3265 \$	22,574	6,786	\$ 0.7667	5,203	-	\$ 1.6300 \$	-	\$	5,203
July	6,938 \$	3.3265 \$	23,079	6,938	\$ 0.7667	5,319	-	\$ 1.6300 \$	-	\$	5,319
August	6,161 \$	3.3265 \$	20,495	6,161	\$ 0.7667	4,724	-	\$ 1.6300 \$	-	\$	4,724
September	5,738 \$	3.3265 \$	19,087	5,886	\$ 0.7667	4,513	-	\$ 1.6300 \$	-	\$	4,513
October	5,001 \$	3.3265 \$	16,636	5,052	\$ 0.7667	3,873	-	\$ 1.6300 \$	-	\$	3,873
November		3.3265 \$	18,153	5,499	\$ 0.7667		-	\$ 1.6300 \$	-	\$	4,216
December	5,571 \$	3.3265 \$	18,532	5,747	\$ 0.7667	4,406	-	\$ 1.6300 \$	-	\$	4,406
Total	70,363 \$	3.33 \$	234,063	71,109	\$ 0.77 \$	54,519	-	\$ - \$	-	\$	54,519
Add Extra Host Here (I)	Ne	etwork		Line	Connection	on	Transforr	nation Con	nection	To	tal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	- \$	- \$	-	-	\$ - \$		-	\$ - \$	-	\$	-
February	- \$	- \$	-	-	\$ - 9	-	-	\$ - \$	-	\$	-
March	- \$	- \$	-	-	\$ - 9	-	-	\$ - \$	-	\$	-
April	- \$	- \$	-	-	\$ - 9	-	-	\$ - \$	-	\$	-
May	- \$	- \$	-	-	\$ - \$	; -	-	\$ - \$	-	\$	-
June	- \$	- \$	-	-	\$ - 9		-	\$ - \$	-	\$	-



The purpose of this sheet is to calculate the expected billing when forecasted 2014 Uniform Transmission Rates are applied against historical 2012 transmission units.

July		\$ -	\$ -		s -	\$			s -	\$		\$ -
August	-	\$ -	\$ -	-	\$ -	\$	-	-	s -	\$	=	\$ -
September	-	\$ -	\$ -	-	\$ - \$ -	\$	-	-	s -	\$		\$ -
October	-	\$ - \$ -	\$ -	-	\$ - \$ -	\$	-	-	s -	\$		\$ -
November	-	\$ -	\$ -	=	\$ -	\$	-	-	\$ -	\$		\$ -
December	-	\$ - \$ -	\$ - \$	-	\$ - \$ -	\$	-	-	s -	\$		\$ -
December	-	<b>\$</b> -	<b>5</b> -	-	ъ -	ф	-	-	<b>3</b> -	Ф	-	5 -
Total	_	\$ -	\$ -		\$ -	\$	-	-	\$ -	\$	-	\$ -
Add Extra Host Here (II)		Network	:	Lin	e Conne	ctio	n	Transforr	nation (	Connection		Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate		Amount	Units Billed	Rate	Amou	ınt	Amount
January	-	\$ -	\$ -	-	\$ -	\$	-	-	s -	\$		\$ -
February	-	\$ -	\$ -	-	\$ -	\$	-	-	\$ -	\$	-	\$ -
March	_	\$ -	\$ -	_	\$ -	\$	_	_	s -	\$		\$ -
April	-	\$ -	\$ -	-	\$ -	\$	-	-	\$ -	\$	-	\$ -
May	-	\$ -	\$ -	-	\$ -	\$	-	_	\$ -	\$	-	\$ -
June	_	\$ -	\$ -	_	\$ -	\$	_	_	s -	\$		\$ -
July	-	\$ -	\$ -	-	\$ -	\$	-	_	\$ -	\$	-	\$ -
August	-	\$ -	\$ -	-	\$ -	\$	-	-	\$ -	\$	-	\$ -
September	-	\$ -	\$ -	-	\$ -	\$	-	=	\$ -	\$		\$ -
October	-	\$ -	\$ -	-	\$ -	\$	-	_	\$ -	\$	-	s -
November	-	\$ -	\$ -	-	\$ -	\$	-	=	\$ -	\$		\$ -
December	-	\$ -	\$ -	-	\$ -	\$	-	-	\$ -	\$	-	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$	-		\$ -	\$		\$ -
Total		Network	1	Lin	e Conne	ctio	n	Transforr	nation (	Connection		Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate		Amount	Units Billed	Rate	Amou	ınt	Amount
January	249,570	\$ 3.62	\$ 904,031	282,884	\$ 0.79	5 \$	212,268	209,429	\$ 1.8	5 \$ 38	7,444	\$ 599,712
February	249,194	\$ 3.62		279,702	\$ 0.7	5 \$	209,874	201,639	\$ 1.8	5 \$ 37	3,032	\$ 582,906
March		\$ 3.62	\$ 915,090	296,260	\$ 0.79	5 \$	222,290	201,789	\$ 1.8	5 \$ 37	3,310	\$ 595,600
April		\$ 3.62		222,104	\$ 0.7	5 \$	166,664	124,570		5 \$ 23	0,455	\$ 397,119
May	269,580	\$ 3.62	\$ 976,752	291,042	\$ 0.79	5 \$	218,382	182,379	\$ 1.8	5 \$ 33	7,401	\$ 555,783
June	297,370	\$ 3.62	\$ 1,077,394	325,262	\$ 0.7	5 \$	244,060	244,792	\$ 1.8	5 \$ 45	2,865	\$ 696,925
July		\$ 3.62		315,719	\$ 0.79	5 \$	236,905	227,417		5 \$ 42	0,721	\$ 657,627
August	267,661			287,882		5 \$	216,014	216,502			0,529	\$ 616,543
September	252,633	\$ 3.62		283,325		5 \$	212,592	221,463			9,707	\$ 622,299
October						5 \$	181,208	181,228			5,272	\$ 516,480
November						5 \$	183,462	188,055			7,902	\$ 531,363
December	226,407					5 \$	184,131	179,514			2,101	\$ 516,232
Total	3,012,453	\$ 3.62	\$ 10,913,849	3,315,551	\$ 0.79	5 \$	2,487,851	2,378,777	\$ 1.8	5 \$ 4,40	0,737	\$ 6,888,588



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

Rate Class	Unit	Unit Current RTSR- Loss Adjusted Network Billed kWh		Loss Adjusted Billed kW		Billed Amount	Billed Amount %	Current Vholesale Billing	Proposed RTSR Network	
Residential	kWh	\$	0.0062	406,568,609	-	\$	2,520,725	23.6%	\$ 2,580,010	\$0.0063
General Service Less Than 50 kW	kWh	\$	0.0054	157,907,672	-	\$	852,701	8.0%	\$ 872,756	\$0.0055
General Service 50 to 999 kW	kW	\$	3.5124	431,657,534	1,226,670	\$	4,308,556	40.4%	\$ 4,409,889	\$3.5950
General Service 1,000 to 4,999 kW	kW	\$	2.6676	221,335,611	526,492	\$	1,404,470	13.2%	\$ 1,437,502	\$2.7303
Large Use	kW	\$	2.5279	254,414,468	511,176	\$	1,292,202	12.1%	\$ 1,322,594	\$2.5874
Unmetered Scattered Load	kWh	\$	0.0054	1,807,136		\$	9,759	0.1%	\$ 9,988	\$0.0055
Street Lighting	kW	\$	1.7651	9,649,328	25,898	\$	45,713	0.4%	\$ 46,788	\$1.8066
Embedded Distributor	kW	\$	2.5279	-	90,564	\$	228,938	2.1%	\$ 234,322	\$2.5874
						\$	10.663.064			



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- Loss Adjusted Loss Adjusted Connection Billed kWh Billed kW			Billed Amount	Billed Amount %	V	Current Vholesale Billing	Proposed RTSR Connection		
Residential	kWh	\$	0.0036	406,568,609	-	\$	1,463,647	22.7%	\$	1,566,427	\$0.0039
General Service Less Than 50 kW	kWh	\$	0.0034	157,907,672	-	\$	536,886	8.3%	\$	574,587	\$0.0036
General Service 50 to 999 kW	kW	\$	2.0763	431,657,534	1,226,670	\$	2,546,935	39.6%	\$	2,725,785	\$2.2221
General Service 1,000 to 4,999 kW	kW	\$	1.6295	221,335,611	526,492	\$	857,919	13.3%	\$	918,163	\$1.7439
Large Use	kW	\$	1.6586	254,414,468	511,176	\$	847,837	13.2%	\$	907,373	\$1.7751
Unmetered Scattered Load	kWh	\$	0.0034	1,807,136		\$	6,144	0.1%	\$	6,576	\$0.0036
Street Lighting	kW	\$	1.0434	9,649,328	25,898	\$	27,022	0.4%	\$	28,920	\$1.1167
Embedded Distributor	kW	\$	\$ 1.6586 -		90,564 \$ 150,210		2.3%	\$	160,758	\$1.7751	
						\$	6,436,600				



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

Unit	Adjusted RTSR-Network	Loss Adjusted Billed Loss Adjusted kWh Billed kW			Billed Amount	Billed Amount %			Proposed RTSR Network
kWh	\$0.0063	406,568,609	-		2,580,010.43	23.6%	\$	2,580,010	\$0.0063
kWh	\$0.0055	157,907,672	-	\$	872,756	8.0%	\$	872,756	\$0.0055
kW	\$3.5950	431,657,534	1,226,670	\$	4,409,889	40.4%	\$	4,409,889	\$3.5950
kW	\$2.7303	221,335,611	526,492	\$	1,437,502	13.2%	\$	1,437,502	\$2.7303
kW	\$2.5874	254,414,468	511,176	\$	1,322,594	12.1%	\$	1,322,594	\$2.5874
kWh	\$0.0055	1,807,136		\$	9,988	0.1%	\$	9,988	\$0.0055
kW	\$1.8066	9,649,328	25,898	\$	46,788	0.4%	\$	46,788	\$1.8066
kW	\$2.5874	0	90,564	\$	234,322	2.1%	\$	234,322	\$2.5874
	kWh kWh kW kW kW	kWh \$0.0063 kWh \$0.0055 kW \$3.5950 kW \$2.7303 kW \$2.5874 kWh \$0.0055 kW \$1.8066	Wh       \$0.0063       406,568,609         kWh       \$0.0055       157,907,672         kW       \$3.5950       431,657,534         kW       \$2.7303       221,335,611         kW       \$2.5874       254,414,468         kWh       \$0.0055       1,807,136         kW       \$1.8066       9,649,328	Wh         \$0.0063         406,568,609         -           kWh         \$0.0055         157,907,672         -           kW         \$3.5950         431,657,534         1,226,670           kW         \$2.7303         221,335,611         526,492           kW         \$2.5874         254,414,468         511,176           kWh         \$0.0055         1,807,136           kW         \$1.8066         9,649,328         25,898	Wh         \$0.0063         406,568,609         -           kWh         \$0.0055         157,907,672         -         \$           kW         \$3.5950         431,657,534         1,226,670         \$           kW         \$2.7303         221,335,611         526,492         \$           kW         \$2.5874         254,414,468         511,176         \$           kWh         \$0.0055         1,807,136         \$           kW         \$1.8066         9,649,328         25,898         \$	Wh         \$0.0063         \$406,568,609         -         2,580,010.43           kWh         \$0.0055         \$157,907,672         -         \$872,756           kW         \$3.5950         \$431,657,534         \$1,226,670         \$4,409,889           kW         \$2.7303         \$221,335,611         \$526,492         \$1,437,502           kW         \$2.5874         \$254,414,468         \$511,176         \$1,322,594           kWh         \$0.0055         \$1,807,136         \$9,988           kW         \$1.8066         \$9,649,328         \$25,898         \$46,788	Wh         \$0.0063         \$406,568,609         -         \$2,580,010.43         \$23.6%           kWh         \$0.0055         \$157,907,672         -         \$872,756         \$8.0%           kW         \$3.5950         \$431,657,534         \$1,226,670         \$4,409,889         \$40.4%           kW         \$2.7303         \$221,335,611         \$26,492         \$1,437,502         \$13.2%           kW         \$2.5874         \$254,414,468         \$511,176         \$1,322,594         \$12.1%           kWh         \$0.0055         \$1,807,136         \$9,988         \$0.1%           kW         \$1.8066         \$9,649,328         \$25,898         \$46,788         \$0.4%	Unit         Adjusted RTSR-Network         Loss Adjusted kWh         Billed kW         Billed Amount         Billed Amount %         W           kWh         \$0.0063         406,568,609         -         2,580,010.43         23.6%         \$           kWh         \$0.0055         157,907,672         -         \$872,756         8.0%         \$           kW         \$3.5950         431,657,534         1,226,670         \$4,409,889         40.4%         \$           kW         \$2.7303         221,335,611         526,492         \$1,437,502         13.2%         \$           kW         \$2.5874         254,414,468         511,176         \$1,322,594         12.1%         \$           kWh         \$0.0055         1,807,136         \$9,988         0.1%         \$           kW         \$1.8066         9,649,328         25,898         \$46,788         0.4%         \$	Unit         RTSR-Network         kWh         Billed kW         Amount         Amount %         Wholesale Billing           kWh         \$0.0063         406,568,609         -         2,580,010.43         23.6%         \$ 2,580,010           kWh         \$0.0055         157,907,672         -         \$ 872,756         8.0%         \$ 872,756           kW         \$3.5950         431,657,534         1,226,670         \$ 4,409,889         40.4%         \$ 4,409,889           kW         \$2.7303         221,335,611         526,492         \$ 1,437,502         13.2%         \$ 1,437,502           kW         \$2.5874         254,414,468         511,176         \$ 1,322,594         12.1%         \$ 1,322,594           kWh         \$0.0055         1,807,136         \$ 9,988         0.1%         \$ 9,988           kW         \$1.8066         9,649,328         25,898         46,788         0.4%         \$ 46,788

\$ 10,913,849



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

Rate Class	Unit	F	djusted RTSR- nnection	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Forecast Vholesale Billing	F	oposed RTSR nection
Residential	kWh	\$	0.0039	406,568,609	-	\$ 1,566,427	22.7%	\$ 1,566,427	\$	0.0039
General Service Less Than 50 kW	kWh	\$	0.0036	157,907,672	-	\$ 574,587	8.3%	\$ 574,587	\$	0.0036
General Service 50 to 999 kW	kW	\$	2.2221	431,657,534	1,226,670	\$ 2,725,785	39.6%	\$ 2,725,785	\$	2.2221
General Service 1,000 to 4,999 kW	kW	\$	1.7439	221,335,611	526,492	\$ 918,163	13.3%	\$ 918,163	\$	1.7439
Large Use	kW	\$	1.7751	254,414,468	511,176	\$ 907,373	13.2%	\$ 907,373	\$	1.7751
Unmetered Scattered Load	kWh	\$	0.0036	1,807,136		\$ 6,576	0.1%	\$ 6,576	\$	0.0036
Street Lighting	kW	\$	1.1167	9,649,328	25,898	\$ 28,920	0.4%	\$ 28,920	\$	1.1167
Embedded Distributor	kW	\$	1.7751	-	90,564	\$ 160,758	2.3%	\$ 160,758	\$	1.7751
						\$ 6,888,588				



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 descriptions for the RTSRs are transfered automatically from Sheet 4 to Sheet 11, Column A.

Rate Class	Unit	Proposed RTSR Network		Proposed RTSR Connection		
Residential	kWh	\$	0.0063	\$	0.0039	
General Service Less Than 50 kW	kWh	\$	0.0055	\$	0.0036	
General Service 50 to 999 kW	kW	\$	3.5950	\$	2.2221	
General Service 1,000 to 4,999 kW	kW	\$	2.7303	\$	1.7439	
Large Use	kW	\$	2.5874	\$	1.7751	
Unmetered Scattered Load	kWh	\$	0.0055	\$	0.0036	
Street Lighting	kW	\$	1.8066	\$	1.1167	
Embedded Distributor	kW	\$	2.5874	\$	1.7751	

#### Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116

File Number: EB-2013-0116
Exhibit: 8
Appendix: 8-1
Page: 1 of 1
Sheet: Sheet 14

Filed: October 1, 2013

Table 16 - Retail Transmission Network and Connection Rates

	Rate Class	Metric	2013 Rates	Proposed 2014 RTR Rates
Network	Residential	kWh	\$0.0062	\$0.0063
	GS < 50 kW	kWh	\$0.0054	\$0.0055
	GS 50-999 kW	kW	\$3.5124	\$3.5950
	GS 1000-4999 kW	kW	\$2.6676	\$2.7303
	Large User	kW	\$2.5279	\$2.5874
	USL	kWh	\$0.0054	\$0.0055
	Street Lighting	kW	\$1.7651	\$1.8066
	Embedded Distributors	kW	\$2.5279	\$2.5874
Connection	Residential	kWh	\$0.0036	\$0.0039
	GS < 50 kW	kWh	\$0.0034	\$0.0036
	GS 50-999 kW	kW	\$2.0763	\$2.2221
	GS 1000-4999 kW	kW	\$1.6295	\$1.7439
	Large User	kW	\$1.6586	\$1.7751
	USL	kWh	\$0.0034	\$0.0036
	Street Lighting	kW	\$1.0434	\$1.1167
	Embedded Distributors	kW	\$1.6586	\$1.7751

Increase in 2014 Network Rates

Rate Class	Metric	2013 RTR Network Rates	Proposed 2014 RTR Network Rates	Percentage Change
Residential	kWh	\$0.0062	\$0.0063	2.35%
GS < 50 kW	kWh	\$0.0054	\$0.0055	2.35%
GS 50-999 kW	kW	\$3.5124	\$3.5950	2.35%
GS 1000-4999 kW	kW	\$2.6676	\$2.7303	2.35%
Large User	kW	\$2.5279	\$2.5874	2.35%
USL	kWh	\$0.0054	\$0.0055	2.35%
Street Lighting	kW	\$1.7651	\$1.8066	2.35%
Embedded Distributors	kW	\$2.5279	\$2.5874	2.35%

**Increase in 2014 Connection Rates** 

2014 Confidention Rates				
Rate Class	Metric	2013 RTR Connection Rates	Proposed 2014 RTR Connection Rates	Percentage Change
Residential	kWh	\$0.0036	\$0.0039	7.02%
GS < 50 kW	kWh	\$0.0034	\$0.0036	7.02%
GS 50-999 kW	kW	\$2.0763	\$2.2221	7.02%
GS 1000-4999 kW	kW	\$1.6295	\$1.7439	7.02%
Large User	kW	\$1.6586	\$1.7751	7.02%
USL	kWh	\$0.0034	\$0.0036	7.02%
Street Lighting	kW	\$1.0434	\$1.1167	7.02%
Embedded Distributors	kW	\$1.6586	\$1.7751	7.02%

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Appendix 8-2 Page 1 of 2 Filed: October 1, 2013

### APPENDIX 8-2 SUMMARY OF MONTHLY BILL IMPACTS AND DETAILS FOR SELECTED CUSTOMERS AND CONSUMPTIONS

**Summary of Bill Impacts** 

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 File Number: 8 8-2 Exhibit: Appendix: 1 of 1 Page: Sheet: Sheet 1

> October 1, 2013 Filed:

Rate Class	kWh	kW	# of Connections	2013 Bill \$	2014 Bill \$	\$ Difference	Bill Impact %
Residential	100			26.38	30.36	3.98	15.08%
Time-of-Use	250			45.56	49.16	3.59	7.89%
	500			77.53	80.50	2.97	3.83%
	800			115.90	118.10	2.20	1.90%
	1,000			141.49	143.17	1.68	1.19%
	1,500			205.43	205.85	0.42	0.20%
	2,000			269.39	268.52	(0.86)	-0.32%
GS < 50 kW	1,000			148.59	152.59	4.00	2.69%
Time-of-Use	2,000			272.73	274.19	1.45	0.53%
Time or osc	5,000			645.14	638.95	(6.19)	-0.96%
	10,000			1,265.81	1,246.91	(18.90)	
	15,000			1,886.49	1,854.87	(31.62)	-1.68%
GS 50-999 kW	20,000	60		2,699.18	2,537.69	(161.49)	
	40,000	100		5,067.10	4,792.95	(274.16)	-5.41%
GS 1,000-4,999 kW	400,000	1,000		42,419.86	38,256.33	(4,163.54)	-9.82%
,,	1,800,000	5,000		222,283.67	201,669.69	(20,613.98)	-9.27%
Large Use	13,000,000	25,000		1,440,445.01	1,326,553.98	(113,891.03)	-7.91%
USL	150		1	26.11	23.95	(2.16)	-8.27%
Street Lighting	150	1	1	34.31	36.31	2.00	5.83%

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Appendix 8-3 Page 1 of 1 Filed: October 1, 2013

## **APPENDIX 8-3 APPENDIX 2-R LOSS FACTORS**

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-3

 Page:
 1 of 1

Filed: October 1,2103

## Appendix 2-R Loss Factors

				Historical Years	3		E Veer Averers
		2008	2009	2010	2011	2012	5-Year Average
	Losses Within Distributor's System						
A(1)	"Wholesale" kWh delivered to distributor (higher value)			1,513,165,803	1,519,445,286	1,498,988,145	1,510,533,078
A(2)	"Wholesale" kWh delivered to distributor (lower value)	1,557,480,807	1,450,835,587	1,512,131,461	1,518,451,615	1,498,261,441	1,507,432,182
В	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)	232,600,733	182,485,870	198,522,853	170,887,758	157,294,219	188,358,287
С	Net "Wholesale" kWh delivered to distributor = A(2) - B	1,324,880,074	1,268,349,717	1,313,608,608	1,347,563,857	1,340,967,222	1,319,073,896
D	"Retail" kWh delivered by distributor	1,518,625,683	1,414,463,968	1,472,796,612	1,473,820,232	1,462,771,019	1,468,495,503
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)	230,297,755	180,679,079	196,557,281	169,195,800	155,736,850	186,493,353
F	Net "Retail" kWh delivered by distributor = <b>D - E</b>	1,288,327,928	1,233,784,889	1,276,239,331	1,304,624,432	1,307,034,169	1,282,002,150
G	Loss Factor in Distributor's system = C / F	1.0284	1.0280	1.0293	1.0329	1.0260	1.0289
	Losses Upstream of Distributor's S	ystem					
Н	Supply Facilities Loss Factor  Total Losses	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045
!	Total Loss Factor = G x H	1.0330	1.0326	1.0339	1.0376	1.0306	1.0335

#### Notes

A(1) If directly connected to the IESO-controlled grid, kWh pertains to the virtual meter on the primary or high voltage side of the transformer at the interface with the transmission grid. This corresponds to the "With Losses" kWh value provided by the IESO's MV-WEB. It is the <a href="https://discourse.org/linearing/linear

If fully embedded within a host distributor, kWh pertains to the virtual meter on the primary or high voltage side of the transformer, at the interface between the host distributor and the transmission grid. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh w Losses" should be reported. This corresponds to the <a href="higher of the two kWh values provided">higher of the two kWh values provided in Hydro One Networks' invoice.</a>

If partially embedded, kWh pertains to the sum of the above

A(2) If directly connected to the IESO-controlled grid, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface with the transmission grid. This corresponds to the "Without Losses" kWh value provided by the IESO's MV-WEB. It is the <u>lower</u> of the two kWh values provided by MV-WEB.

If fully embedded with the host distributor, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface between the embedded distributor and the host distributor. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh" should be reported. This corresponds to the lower of the two kWh values provided in Hydro One Networks' invoice.

If partially embedded, kWh pertains to the sum of the above.

Additionally, kWh pertaining to distributed generation directly connected to the distributor's own distribution network should be included in **A(2)**.

- B If a Large Use Customer is metered on the secondary or low voltage side of the transformer, the default loss is 1% (i.e., B = 1.01 X E).
- **D** kWh corresponding to D should equal metered or estimated kWh at the customer's delivery point.

 $\textbf{G} \ \text{and} \ \textbf{I} \quad \text{These loss factors pertain to secondary-metered customers with demand less than 5,000 kW}.$ 

H If directly connected to the IESO-controlled grid, SFLF = 1.0045.

If fully embedded within a host distributor, SFLF = loss factor re losses in transformer at grid interface X loss factor re losses in host distributor's system. If the host distributor is Hydro One Networks Inc., SFLF = 1.0060 X 1.0278 = 1.0340. If partially embedded, SFLF should be calculated as the weighted average of above.

Distributors that wish to propose a different SFLF should provide appropriate justification for any such proposal including supporting calculations and any other relevant material.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Appendix 8-4 Page 1 of 1 Filed: October 1, 2013

## **APPENDIX 8-4 APPENDIX 2-V REVENUE RECONCILIATION**

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-4

 Page:
 1 of 1

Filed:

October 1,2013

## Appendix 2-V Revenue Reconciliation

Rate Class		Number of	f Customers/C	Connections	Test Year C	onsumption	P	roposed R	Rates				Class	Specific	Transformer				
	Customers/ Connections	Start of Test Year	End of Test Year	Average	kWh	kW	Monthly Service Charge	Vo	lume	etric		venues at oosed Rates	Rev	venue irement	Allowance Credit		Total	D	ifference
								kWh		kW									
Residential	Customers	48,091	48,091	48,091	395,264,057		\$ 13.32	\$ 0.016	62		\$	14,090,100	\$ 14,	,077,731		\$	14,077,731	-\$	12,368
GS < 50 kW	Customers	4,740	4,740	4,740	153,517,084		\$ 18.48	\$ 0.012	29		\$	3,031,623	\$ 3,	037,564		\$	3,037,564	\$	5,941
GS 50 to 999 kW	Customers	773	773	773	431,657,534	1,226,670	\$ 126.44		9	4.2429	\$	6,249,692	\$ 6,	,376,810	-\$ 127,130	\$	6,249,680	-\$	12
GS 1,000 to 4,999 kW	Customers	27	27	27	221,335,611	526,492	\$ 1,050.20		9	3.6231	\$	1,965,128	\$ 2,	,252,569	-\$ 287,465	\$	1,965,104	-\$	24
Large Use	Connections	3	3	3	254,414,468	511,176	\$ 8,998.17		9	2.4988	\$	1,601,261	\$ 1,	,601,246		\$	1,601,246	-\$	15
Streetlighting	Connections	12,997	12,997	12,997	9,649,328	25,898	\$ 2.75		9	17.5126	\$	881,774	\$	881,774		\$	881,774	-\$	0
Unmetered Scattered Load	Customers	482	482	482	1,756,889		\$ 6.39	\$ 0.013	36		\$	60,865	\$	60,942		\$	60,942	\$	77
Embedded Distributor-Waterl	Customers	1	1	1	30,401,608	63,395			9	1.0356	\$	65,652	\$	65,651		\$	65,651	-\$	1
Embedded Distributor-HONI	Customers	1	1	1	13,029,261	27,169			9	0.9699	\$	26,352	\$	26,352		\$	26,352	\$	1
				-							\$	-				\$	-	\$	-
				-							\$	-				\$	-	\$	-
				-							\$	-				\$	-	\$	-
				-							\$	-				\$	-	\$	-
											_	07.070.447	Φ 00	000 040		_	07.000.015	•	0.400
Total											\$	27,972,447	\$ 28,	,380,640	-\$ 414,595	\$	27,966,045	-\$	6,402

#### Note

1 The class specific revenue requirements in column N must be the amounts used in the final rate design process. The total of column N should equate to the proposed base revenue requirement.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Appendix 8-5 Page 1 of 1 Filed: October 1, 2013

## **APPENDIX 8-5 APPENDIX 2-W BILL IMPACTS**

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit:

Appendix: 1 of 1 Page: Sheet 1 - Res (100kWh) Sheet: October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: Residential

TOU / non-TOU: TOU

Consumption

100 kWh

			Current I	Board-App	rov	ed		Р	roposed			ΙГ	Imp	act
			Rate	Volume	(	harge		Rate	Volume	C	harge		-	
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	10.09	1	\$	10.09	\$	13.32	1	\$	13.32		\$ 3.23	32.01%
Rate Rider for Disposal of Residual Historical Smart Meter Costs - effective until April 30, 2014	Monthly	\$	0.01	1	\$	0.01			1	\$	-	-:	\$ 0.01	-100.00%
Rate Rider for Smart Meter Incremental Revenue Requirement	Monthly	\$	2.22	1	\$	2.22			1	\$	-	-:	\$ 2.22	-100.00%
Distribution Volumetric Rate	per kWh	\$	0.0163	100	\$	1.63	\$	0.0162	100	\$	1.62	-:	\$ 0.01	-0.61%
Sub-Total A (excluding pass through)					\$	13.95				\$	14.94		\$ 0.99	7.10%
Stranded Meter Rate Rider (SMRR)	Monthly			1	\$	-	\$	3.16	1	\$	3.16		\$ 3.16	
Deferral/Variance Account Disposition Rate Rider	per kWh	\$	0.0003	100	\$	0.03	-\$	0.0007	100	\$	(0.07)	-:	\$ 0.10	-333.33%
Rate Rider for Application of Tax Change	per kWh	-\$	0.0001	100	\$	(0.01)			100	\$			\$ 0.01	-100.00%
Rate Rider for Accounts 1575 and 1576	per kWh			100		` - '	-\$	0.0024	100	\$	(0.24)	-:	\$ 0.24	
Low Voltage Service Charge	per kWh	\$	0.0001	100	\$	0.01	\$	0.0001	100	\$	0.01		\$ -	0.00%
Line Losses on Cost of Power	per kWh	\$	0.0839	2.86	\$	0.24	\$	0.0839	3.35	\$	0.28		\$ 0.04	17.13%
Smart Meter Entity Charge	Monthly	\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79		\$ -	
Sub-Total B - Distribution (includes Sub-Total A)					\$	15.01				\$	18.87		\$ 3.86	25.72%
RTSR - Network	per kWh	\$	0.0062	103	\$	0.64	\$	0.0063	103	\$	0.66	1	\$ 0.02	2.84%
RTSR - Line and Transformation Connection	per kWh	\$	0.0036	103	\$	0.37	\$	0.0039	103	\$	0.40		\$ 0.03	7.53%
Sub-Total C - Delivery (including Sub-Total B)					\$	16.02				\$	19.93		\$ 3.91	24.39%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	103	\$	0.45	\$	0.0044	103	\$	0.45		\$ 0.00	0.48%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	103	\$	0.12	\$	0.0012	103	\$	0.12		\$ 0.00	0.48%
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25		\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	100	\$	0.70	\$	0.0070	100	\$	0.70		\$ -	0.00%
TOU - Off Peak	per kWh	\$	0.0670	64	\$	4.29	\$	0.0670	64	\$	4.29		\$ -	0.00%
TOU - Mid Peak	per kWh	\$	0.1040	18	\$	1.87	\$	0.1040	18	\$	1.87		\$ -	0.00%
TOU - On Peak	per kWh	\$	0.1240	18	\$	2.23	\$	0.1240	18	\$	2.23		\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0750	FALSE	\$	-	\$	0.0750	FALSE	\$	-		\$ -	
Energy - RPP - Tier 2	per kWh	\$	0.0880	FALSE	\$	-	\$	0.0880	FALSE	\$	-		\$ -	
Total Bill on TOU (before Taxes)		т			\$	25.94				\$	29.85	П	\$ 3.91	15.08%
HST			13%		\$	3.37		13%		\$	3.88		\$ 0.51	15.08%
Total Bill (including HST)					\$	29.31				\$	33.73		\$ 4.42	15.08%
Ontario Clean Energy Benefit 1					-\$	2.93				-\$	3.37		\$ 0.44	15.02%
Total Bill on TOU (including OCEB)					\$	26.38				\$	30.36		\$ 3.98	15.08%
Total Bill on RPP (before Taxes)		T .			\$	17.54				\$	21.45	$\overline{}$	\$ 3.91	22,29%
HST			13%		\$	2.28		13%		\$	2.79		\$ 0.51	22.29%
Total Bill (including HST)			. 370		\$	19.82		. 370		\$	24.24		\$ 4.42	22.29%
Ontario Clean Energy Benefit 1					-\$	1.98				-\$	2.42		\$ 0.44	22.22%
Total Bill on RPP (including OCEB)					\$	17.84				\$	21.82		\$ 3.98	22.29%
			0.05::					0.05::						
Loss Factor (%)			2.86%					3.35%						

<sup>&</sup>lt;sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-5

 Page:
 1 of 1

 Sheet:
 Sheet 2 - Res (250kWh)

Filed: October 1, 2013

## Appendix 2-W Bill Impacts

Customer Class: Residential

Consumption

TOU / non-TOU: TOU

250 kWh

**Current Board-Approved** Proposed Impact Rate Volume Charge Rate Volume Charge % Change Charge Unit (\$) (\$) (\$) (\$) \$ Change Monthly Service Charge Monthly 10.09 \$ 10.09 13.32 13.32 3.23 32.01% Rate Rider for Disposal of Residual Historical Smart Monthly 0.01 1 \$ 0.01 Ś -\$ 0.01 -100.00% Meter Costs - effective until April 30, 2014 Rate Rider for Smart Meter Incremental Revenue Monthly 2.22 \$ 2.22 \$ 2.22 -100.00% Requirement 4.05 Distribution Volumetric Rate per kWh 0.0163 250 4 08 0.0162 250 0.02 -0.61% Sub-Total A (excluding pass through) 16.40 17 37 0.98 5.95% Stranded Meter Rate Rider (SMRR) Monthly 1 3 16 1 3 16 3.16 Deferral/Variance Account Disposition Rate Rider per kWh 0.0003 250 Ś 0.08 0.0007 250 Ś (0.18)0.25 -333 33% Rate Rider for Application of Tax Change 250 per kWh 0.0001 \$ (0.03)250 Ś Ś 0.03 -100.00% Rate Rider for Accounts 1575 and 1576 250 0.0024 \$ (0.60) per kWh \$ 250 -\$ 0.60 Low Voltage Service Charge 250 0.03 0.0001 250 \$ 0.03 0.00% per kWh \$ 0.0001 \$ \$ Line Losses on Cost of Power per kWh 0.0839 7.15 \$ 0.0839 0.70 0.10 0.60 8.375 17.13% \$ Smart Meter Entity Charge Monthly 0.79 0.79 Sub-Total B - Distribution (includes Sub-Total A) \$ 17.86 \$ 21.27 \$ 3.41 19.11% per kWh RTSR - Network 0.0062 257 \$ 1.59 0.0063 258 1.64 0.05 2.84% RTSR - Line and Transformation Connection 1.00 per kWh 0.0036 257 0.93 0.0039 258 0.07 Sub-Total C - Delivery (including Sub-Total B) 20.38 23.91 3.53 17.31% Wholesale Market Service Charge (WMSC) per kWh 0.0044 257 1 13 0.0044 258 1.14 0.01 0.48% Rural and Remote Rate Protection (RRRP) per kWh 0.0012 257 \$ 0.31 0.0012 258 \$ 0.31 0.00 0.48% Standard Supply Service Charge Monthly 0.25 0.25 0.25 1 Ś 0.25 0.00% Debt Retirement Charge (DRC) per kWh 0.0070 250 0.0070 \$ 0.00% Ś 1.75 250 1.75 TOU - Off Peak 0.0670 \$ per kWh 0.0670 160 \$ 10.72 160 10.72 0.00% TOU - Mid Peak per kWh 0.1040 45 \$ 0.1040 0.00% 4.68 45 4.68 \$ TOU - On Peak 45 \$ per kWh 0.1240 \$ 5.58 0.1240 45 5.58 0.00% Energy - RPP - Tier 1 per kWh 0.0750 250 \$ 18.75 0.0750 250 \$ 18.75 0.00% Energy - RPP - Tier 2 per kWh 0.0880 0.0880 Total Bill on TOU (before Taxes) \$ 44.80 \$ 48.33 3.53 7.89% HST 13% 13% \$ 5.82 \$ 6.28 \$ 0.46 7.89% Total Bill (including HST) \$ 7.89% 50.62 3.99 \$ 54.62 \$ Ontario Clean Energy Benefit 1 5.06 5.46 0.40 7.919 Total Bill on TOU (including OCEB) 45.56 49.16 3.59 7.89% Total Bill on RPP (before Taxes) 42.57 **\$** \$ 46.10 3.53 8.30% **\$** 13% 0.46 8.30% 13% Total Bill (including HST) \$ 48.10 52.10 3.99 8.30% Ontario Clean Energy Benefit <sup>1</sup>
Total Bill on RPP (including OCEB) 4.81 0.40

3.35%

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

2.86%

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility

Loss Factor (%)

Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

<sup>&</sup>lt;sup>1</sup> Applicable to eligible customers only. Refer to the Ontario Clean Energy Benefit Act, 2010.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: 8-5 Appendix: 1 of 1 Page: Sheet: Sheet 3 - Res (500kWh)

> October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 500 kWh

			Current I	Board-App	rov	/ed		P	roposed			1 Г	Imp	act
			Rate	Volume	(	Charge		Rate	Volume	C	Charge		•	
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	10.09	1	\$	10.09	\$	13.32	1	\$	13.32		\$ 3.23	32.01%
Rate Rider for Disposal of Residual Historical Smart					١.					١.				
Meter Costs - effective until April 30, 2014	Monthly	\$	0.01	1	\$	0.01			1	\$	-		\$ 0.01	-100.00%
Rate Rider for Smart Meter Incremental Revenue														
Requirement	Monthly	\$	2.22	1	\$	2.22			1	\$	-	l	\$ 2.22	-100.00%
Distribution Volumetric Rate	per kWh	\$	0.0163	500	\$	8.15	\$	0.0162	500	\$	8.10	Ŀ	\$ 0.05	-0.61%
Sub-Total A (excluding pass through)					\$	20.47				\$	21.42		\$ 0.95	4.64%
Stranded Meter Rate Rider (SMRR)	Monthly			1		-	\$	3.16	1	\$	3.16		\$ 3.16	
Deferral/Variance Account Disposition Rate Rider	per kWh	\$	0.0003	500	\$	0.15	-\$	0.0007	500	\$	(0.35)	-	\$ 0.50	-333.33%
Rate Rider for Application of Tax Change	per kWh	-\$	0.0001	500	\$	(0.05)			500	\$	-		\$ 0.05	-100.00%
Rate Rider for Accounts 1575 and 1576	per kWh			500	\$	-	-\$	0.0024	500	\$	(1.20)	-	\$ 1.20	
Low Voltage Service Charge	per kWh	\$	0.0001	500	\$	0.05	\$	0.0001	500	\$	0.05		\$ -	0.00%
Line Losses on Cost of Power	per kWh	\$	0.0839	14.3	\$	1.20	\$	0.0839	16.75	\$	1.41		\$ 0.21	17.13%
Smart Meter Entity Charge	Monthly	\$	0.79	1		0.79	\$	0.79	1	\$	0.79		\$ -	
Sub-Total B - Distribution (includes Sub-Total A)	,				\$	22.61				\$	25.28	1	\$ 2.67	11.79%
RTSR - Network	per kWh	\$	0.0062	514	Ś	3.19	\$	0.0063	517	\$	3.28	-  -	\$ 0.09	2.84%
RTSR - Line and Transformation Connection	per kWh	\$	0.0002	514	٠.	1.85	\$	0.0003	517	\$	1.99		\$ 0.09	7.53%
Sub-Total C - Delivery (including Sub-Total B)	perkwii	ې	0.0030	314	\$	27.65	ې	0.0033	317	۶ \$	30.55		\$ 2.90	10.47%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	514		2.26	\$	0.0044	517	\$	2.27		\$ 0.01	0.48%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	514		0.62	\$	0.0012	517	\$	0.62		\$ 0.00	0.48%
Standard Supply Service Charge	Monthly	\$	0.0012	1		0.02	\$	0.0012	1	\$	0.02		\$ 0.00	0.48%
	•	\$	0.0070	500		3.50	\$	0.0070	500	\$	3.50		ş - \$ -	0.00%
Debt Retirement Charge (DRC) TOU - Off Peak	per kWh per kWh	\$	0.0070	320		21.44	\$	0.0070	320		21.44		\$ - \$ -	0.00%
TOU - Mid Peak	•	\$	0.1040	90		9.36		0.1040	90	\$	9.36			0.00%
	per kWh						\$						т	
TOU - On Peak	per kWh	\$	0.1240	90		11.16	\$	0.1240	90	\$	11.16		\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0750	500		37.50	\$	0.0750	500		37.50		\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.0880	0	\$	-	\$	0.0880	0	\$			\$ -	
Total Bill on TOU (before Taxes)					\$	76.24				\$	79.15		\$ 2.91	3.82%
HST			13%		\$	9.91		13%		\$	10.29		\$ 0.38	3.82%
Total Bill (including HST)					\$	86.15				\$	89.44		\$ 3.29	3.82%
Ontario Clean Energy Benefit 1					-\$	8.62				-\$	8.94	-	-\$ 0.32	3.71%
Total Bill on TOU (including OCEB)					\$	77.53				\$	80.50		\$ 2.97	3.83%
Total Bill on RPP (before Taxes)		T			\$	71.78	П			\$	74.69	П	\$ 2.91	4.05%
HST			13%		\$	9.33		13%		\$	9.71		\$ 0.38	4.05%
Total Bill (including HST)					\$	81.11				\$	84.40		\$ 3.29	4.05%
Ontario Clean Energy Benefit 1					-\$	8.11				-\$	8.44		-\$ 0.33	
Total Bill on RPP (including OCEB)					\$	73.00				\$	75.96		\$ 2.96	4.05%
Loss Factor (%)			2.86%					3.35%						
2000 1 40107 (70)			2.00/0					3.33/0	l					

<sup>&</sup>lt;sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: 8-5 Appendix: 1 of 1 Page: Sheet: Sheet 4 - Res (800kWh)

> October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 800 kWh

		Г	Current I	Board-App	orov	red		P	roposed			Г	Imp	act
			Rate	Volume	(	Charge		Rate	Volume	(	Charge			
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	10.09	1	\$	10.09	\$	13.32	1	\$	13.32		\$ 3.23	32.01%
Rate Rider for Disposal of Residual Historical Smart Meter Costs - effective until April 30, 2014	Monthly	\$	0.01	1	\$	0.01			1	\$	-	-:	\$ 0.01	-100.00%
Rate Rider for Smart Meter Incremental Revenue Requirement	Monthly	\$	2.22	1	\$	2.22			1	\$	-	-1	\$ 2.22	-100.00%
Distribution Volumetric Rate	per kWh	\$	0.0163	800	\$	13.04	\$	0.0162	800	\$	12.96	-5	\$ 0.08	-0.61%
Sub-Total A (excluding pass through)					\$	25.36				\$	26.28		\$ 0.92	3.63%
Stranded Meter Rate Rider (SMRR)	Monthly			1	\$	-	\$	3.16	1	\$	3.16		\$ 3.16	
Deferral/Variance Account Disposition Rate Rider	per kWh	\$	0.0003	800	\$	0.24	-\$	0.0007	800	\$	(0.56)	-:	\$ 0.80	-333.33%
Rate Rider for Application of Tax Change	per kWh	-\$	0.0001	800	\$	(0.08)			800	\$	-		\$ 0.08	-100.00%
Rate Rider for Accounts 1575 and 1576	per kWh			800	\$	-	-\$	0.0024	800	\$	(1.92)	-:	\$ 1.92	
Low Voltage Service Charge	per kWh	\$	0.0001	800	\$	0.08	\$	0.0001	800	\$	0.08		\$ -	0.00%
Line Losses on Cost of Power	per kWh	\$	0.0839	22.88	\$	1.92	\$	0.0839	26.8	\$	2.25		\$ 0.33	17.13%
Smart Meter Entity Charge	Monthly	\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79		\$ -	
Sub-Total B - Distribution (includes Sub-Total A)					\$	28.31				\$	30.08	:	\$ 1.77	6.25%
RTSR - Network	per kWh	\$	0.0062	823	\$	5.10	\$	0.0063	827	\$	5.25	- 1	\$ 0.14	2.84%
RTSR - Line and Transformation Connection	per kWh	\$	0.0036	823	\$	2.96	\$	0.0039	827	\$	3.19		\$ 0.22	7.53%
Sub-Total C - Delivery (including Sub-Total B)					\$	36.37				\$	38.51		\$ 2.14	5.87%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	823	\$	3.62	\$	0.0044	827	\$	3.64		\$ 0.02	0.48%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	823	\$	0.99	\$	0.0012	827	\$	0.99		\$ 0.00	0.48%
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25		\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	800	\$	5.60	\$	0.0070	800	\$	5.60		\$ -	0.00%
TOU - Off Peak	per kWh	\$	0.0670	512	\$	34.30	\$	0.0670	512	\$	34.30		\$ -	0.00%
TOU - Mid Peak	per kWh	\$	0.1040	144	\$	14.98	\$	0.1040	144	\$	14.98		\$ -	0.00%
TOU - On Peak	per kWh	\$	0.1240	144	\$	17.86	\$	0.1240	144	\$	17.86		\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0750	600	\$	45.00	\$	0.0750	600	\$	45.00		\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.0880	200	\$	17.60	\$	0.0880	200	\$	17.60		\$ -	0.00%
Total Bill on TOU (before Taxes)		Т			\$	113.97				\$	116.13		\$ 2.16	1.89%
HST			13%		\$	14.82		13%		\$	15.10		\$ 0.28	1.89%
Total Bill (including HST)			1570		\$	128.78		1070		\$	131.22		\$ 2.44	1.89%
Ontario Clean Energy Benefit <sup>1</sup>					-\$	12.88				-\$	13.12		\$ 0.24	1.86%
Total Bill on TOU (including OCEB)						115.90				\$	118.10		\$ 2.20	1.90%
Total Bill on RPP (before Taxes)		Ī			\$	109.43				\$	111.59		\$ 2.16	1.97%
HST			13%		\$	14.23		13%		\$	14.51		\$ 0.28	1.97%
Total Bill (including HST)			. 370		\$	123.66		. 370		\$	126.10		\$ 2.44	1.97%
Ontario Clean Energy Benefit 1					-\$	12.37				-\$	12.61	-	\$ 0.24	1.94%
Total Bill on RPP (including OCEB)					\$	111.29				\$	113.49		\$ 2.20	1.98%
Loss Factor (%)			2.86%					3.35%						
2000 : 4010/ (/0)			2.0070					3.3370	l					

<sup>&</sup>lt;sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: 8-5 Appendix:

1 of 1 Page: Sheet: Sheet 5 - Res (1,000kWh) October 1, 2013

Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 1,000 kWh

			Current I	Board-App	rov	/ed		Р	roposed			lΓ	lm	pact
			Rate	Volume	(	Charge		Rate	Volume	(	Charge	Ī		
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	10.09	1	\$	10.09	\$	13.32	1	\$	13.32		\$ 3.23	32.01%
Rate Rider for Disposal of Residual Historical Smart					١.					١.				
Meter Costs - effective until April 30, 2014	Monthly	\$	0.01	1	\$	0.01			1	\$	-		\$ 0.01	-100.00%
Rate Rider for Smart Meter Incremental Revenue		١.			١.					١.				
Requirement	Monthly	\$	2.22	1	\$	2.22			1	\$	-		\$ 2.22	-100.00%
Distribution Volumetric Rate	per kWh	\$	0.0163	1000	_	16.30	\$	0.0162	1000	_	16.20		\$ 0.10	
Sub-Total A (excluding pass through)					\$	28.62				\$	29.52	-	\$ 0.90	3.14%
Stranded Meter Rate Rider (SMRR)	Monthly			1	\$	-	\$	3.16	1	\$	3.16		\$ 3.16	
Deferral/Variance Account Disposition Rate Rider	per kWh	\$	0.0003	1000	\$	0.30	-\$	0.0007	1000	\$	(0.70)	-	\$ 1.00	-333.33%
Rate Rider for Application of Tax Change	per kWh	-\$	0.0001	1000	\$	(0.10)			1000	\$	-		\$ 0.10	-100.00%
Rate Rider for Accounts 1575 and 1576	per kWh			1000	\$	-	-\$	0.0024	1000	\$	(2.40)	-	\$ 2.40	)
Low Voltage Service Charge	per kWh	\$	0.0001	1000	\$	0.10	\$	0.0001	1000	\$	0.10		\$ -	0.00%
Line Losses on Cost of Power	per kWh	\$	0.0839	28.6		2.40	\$	0.0839	33.5	\$	2.81		\$ 0.41	17.13%
Smart Meter Entity Charge	Monthly	\$	0.79	1		0.79	\$	0.79	1	\$	0.79		\$ -	
Sub-Total B - Distribution (includes Sub-Total A)					\$	32.11				\$	33.28		\$ 1.17	3.65%
RTSR - Network	per kWh	\$	0.0062	1029	\$	6.38	\$	0.0063	1034	\$	6.56	-	\$ 0.18	2.84%
RTSR - Line and Transformation Connection	per kWh	Ś	0.0036	1029		3.70	Ś	0.0039	1034	Ś	3.98		\$ 0.28	
Sub-Total C - Delivery (including Sub-Total B)	p =	T .			\$	42.19				\$	43.82		\$ 1.63	
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	1029	\$	4.53	\$	0.0044	1034	\$	4.55		\$ 0.02	0.48%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	1029		1.23	\$	0.0012	1034	\$	1.24		\$ 0.01	0.48%
Standard Supply Service Charge	Monthly	\$	0.25	1		0.25	Ś	0.25	1	\$	0.25		\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	1000		7.00	Ś	0.0070	1000		7.00		\$ -	0.00%
TOU - Off Peak	per kWh	\$	0.0670	640		42.88	Ś	0.0670	640	٠.	42.88		\$ -	0.00%
TOU - Mid Peak	per kWh	\$	0.1040	180		18.72	\$	0.1040	180	\$	18.72		\$ -	0.00%
TOU - On Peak	per kWh	\$	0.1240	180		22.32	\$	0.1240	180		22.32		\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0750	600		45.00	Ś	0.0750	600	\$	45.00		\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.0880	400		35.20	\$	0.0880	400	\$	35.20		\$ -	0.00%
Total Bill on TOU (before Taxes)		Т			\$	139.12				\$	140.78	П	\$ 1.60	1.19%
HST			13%		\$	18.09		13%		\$	18.30		\$ 0.22	
Total Bill (including HST)			1370		\$	157.21		1070		\$	159.08		\$ 1.87	
Ontario Clean Energy Benefit 1					-\$	15.72				-\$	15.91		\$ 0.19	
Total Bill on TOU (including OCEB)						141.49				-	143.17		\$ 1.68	
		•				105.10								1.220/
Total Bill on RPP (before Taxes) HST			13%		<b>\$</b> \$	<b>135.40</b> 17.60		13%		<b>\$</b>	<b>137.06</b> 17.82		\$ 1.60 \$ 0.22	
Total Bill (including HST)			13%		\$	153.00		13%		\$	154.88		\$ 1.87	
Ontario Clean Energy Benefit 1					-\$	15.30				-\$	15.49		\$ 0.19	
Total Bill on RPP (including OCEB)						137.70					139.39		\$ 1.68	
Loss Factor (%)			2.86%					3.35%						

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: 8-5 Appendix: 1 of 1 Page: Sheet 6 - Res (1,500kWh) Sheet: October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 1,500 kWh

			Current I	Board-App	orov	/ed			Р	roposed				Impa	act
			Rate	Volume	C	harge			Rate	Volume	0	Charge			
	Charge Unit		(\$)			(\$)			(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	10.09	1	\$	10.09		\$	13.32	1	\$	13.32	:	\$ 3.23	32.01%
Rate Rider for Disposal of Residual Historical Smart					١.										
Meter Costs - effective until April 30, 2014	Monthly	\$	0.01	1	\$	0.01				1	\$	-	-	\$ 0.01	-100.00%
Rate Rider for Smart Meter Incremental Revenue					١.										
Requirement	Monthly	\$	2.22	1	\$	2.22				1	\$	-	-	\$ 2.22	-100.00%
Distribution Volumetric Rate	per kWh	\$	0.0163	1500	\$	24.45		\$	0.0162	1500	\$	24.30		\$ 0.15	-0.61%
Sub-Total A (excluding pass through)					\$	36.77					\$	37.62		\$ 0.85	2.31%
Stranded Meter Rate Rider (SMRR)	Monthly			1	\$	-		\$	3.16	1	\$	3.16		\$ 3.16	
Deferral/Variance Account Disposition Rate Rider	per kWh	\$	0.0003	1500	\$	0.45		-\$	0.0007	1500	\$	(1.05)	-5	\$ 1.50	-333.33%
Rate Rider for Application of Tax Change	per kWh	-\$	0.0001	1500	\$	(0.15)				1500	\$	-		\$ 0.15	-100.00%
Rate Rider for Accounts 1575 and 1576	per kWh			1500	Ś	` - '		-\$	0.0024	1500	Ś	(3.60)	-:	\$ 3.60	
Low Voltage Service Charge	per kWh	\$	0.0001	1500	Ś	0.15		\$	0.0001	1500	Ś	0.15		\$ -	0.00%
Line Losses on Cost of Power	per kWh	\$	0.0839	42.9		3.60		\$	0.0839	50.25	Ś	4.22		\$ 0.62	17.13%
Smart Meter Entity Charge	Monthly	\$	0.79	1	1	0.79		\$	0.79	1	\$	0.79		\$ -	
Sub-Total B - Distribution (includes Sub-Total A)					\$	41.61		Ė			\$			\$ 0.32	-0.78%
RTSR - Network	per kWh	\$	0.0062	1543	\$	9.57		\$	0.0063	1550	\$	9.84	١,	\$ 0.27	2.84%
RTSR - Line and Transformation Connection	per kWh	\$	0.0036	1543		5.55		\$	0.0039	1550	\$	5.97		\$ 0.42	7.53%
Sub-Total C - Delivery (including Sub-Total B)	perkvii	Y	0.0030	1343	\$	56.73		7	0.0033	1550	\$	57.10		\$ 0.37	0.65%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	1543	•	6.79		\$	0.0044	1550	\$	6.82		\$ 0.03	0.48%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	1543		1.85		\$	0.0012	1550	\$	1.86		\$ 0.01	0.48%
Standard Supply Service Charge	Monthly	\$	0.25	1343	1	0.25		\$	0.25	1	\$	0.25		\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	1500		10.50		\$	0.0070	1500		10.50		, \$ -	0.00%
TOU - Off Peak	per kWh	\$	0.0670	960		64.32		\$	0.0670	960		64.32		\$ -	0.00%
TOU - Mid Peak	per kWh	\$	0.1040	270		28.08		\$	0.1040	270		28.08		, - \$ -	0.00%
TOU - On Peak	per kWh	\$	0.1040	270		33.48		\$	0.1040	270	٠.	33.48		\$ - \$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.1240	600		45.00		\$	0.1240	600	٠.	45.00		\$ - \$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.0750	900		79.20		\$	0.0750	900		79.20		\$- \$-	0.00%
Lifelgy - KFF - Hel 2	per kwiii	Ş	0.0860	900	Ş	79.20	_	Ş	0.0880	900	٩	79.20		<b>э</b> -	0.00%
Total Bill on TOU (before Taxes)						202.00						202.41		\$ 0.41	0.20%
HST			13%		\$	26.26			13%		\$	26.31		\$ 0.05	0.20%
Total Bill (including HST)					\$	228.26					\$	228.72		\$ 0.46	0.20%
Ontario Clean Energy Benefit 1					-\$	22.83					-\$	22.87		\$ 0.04	0.18%
Total Bill on TOU (including OCEB)					\$	205.43					\$	205.85		\$ 0.42	0.20%
Total Bill on RPP (before Taxes)					\$	200.32					\$	200.73		\$ 0.41	0.20%
HST			13%		\$	26.04			13%		\$	26.09	:	\$ 0.05	0.20%
Total Bill (including HST)					\$	226.36					\$	226.82		\$ 0.46	0.20%
Ontario Clean Energy Benefit 1					-\$	22.64					-\$			\$ 0.04	0.18%
Total Bill on RPP (including OCEB)					\$	203.72					\$	204.14		\$ 0.42	0.21%
Lana Factor (9/)			2.000	1					2.250/						
Loss Factor (%)			2.86%	j					3.35%						

<sup>&</sup>lt;sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: 8-5 Appendix: 1 of 1 Page: Sheet 7 - Res (2,000kWh) Sheet: October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 2,000 kWh

			Current I	Board-App	oro	ved		Р	roposed			I	Imp	act
			Rate	Volume	(	Charge		Rate	Volume	(	Charge			
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	10.09	1	\$	10.09	\$	13.32	1	\$	13.32		\$ 3.23	32.01%
Rate Rider for Disposal of Residual Historical Smart														
Meter Costs - effective until April 30, 2014	Monthly	\$	0.01	1	\$	0.01			1	\$	-	ľ	\$ 0.01	-100.00%
Rate Rider for Smart Meter Incremental Revenue														
Requirement	Monthly	\$	2.22	1	\$	2.22			1	\$	-	ľ	\$ 2.22	-100.00%
Distribution Volumetric Rate	per kWh	\$	0.0163	2000	·	32.60	\$	0.0162	2000	_	32.40		\$ 0.20	-0.61%
Sub-Total A (excluding pass through)					\$	44.92				\$	45.72		\$ 0.80	1.78%
Stranded Meter Rate Rider (SMRR)	Monthly			1		-	\$	3.16	1	\$	3.16		\$ 3.16	
Deferral/Variance Account Disposition Rate Rider	per kWh	\$	0.0003	2000		0.60	-\$	0.0007	2000		(1.40)		\$ 2.00	-333.33%
Rate Rider for Application of Tax Change	per kWh	-\$	0.0001	2000	\$	(0.20)			2000	\$	-		\$ 0.20	-100.00%
Rate Rider for Accounts 1575 and 1576	per kWh			2000	\$	-	-\$	0.0024	2000	\$	(4.80)	-:	\$ 4.80	
Low Voltage Service Charge	per kWh	\$	0.0001	2000	\$	0.20	\$	0.0001	2000	\$	0.20		\$ -	0.00%
Line Losses on Cost of Power	per kWh	\$	0.0839	57.2	\$	4.80	\$	0.0839	67	\$	5.62		\$ 0.82	17.13%
Smart Meter Entity Charge	Monthly	\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79		\$ -	
Sub-Total B - Distribution (includes Sub-Total A)					\$	51.11				\$	49.29	-	\$ 1.82	-3.56%
RTSR - Network	per kWh	\$	0.0062	2057	\$	12.75	\$	0.0063	2067	\$	13.12		\$ 0.36	2.84%
RTSR - Line and Transformation Connection	per kWh	\$	0.0036	2057	\$	7.41	\$	0.0039	2067	\$	7.96		\$ 0.56	7.53%
Sub-Total C - Delivery (including Sub-Total B)					\$	71.27				\$	70.37	-	\$ 0.90	-1.26%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	2057	\$	9.05	\$	0.0044	2067	\$	9.09		\$ 0.04	0.48%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	2057	\$	2.47	\$	0.0012	2067	\$	2.48		\$ 0.01	0.48%
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25		\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	2000	\$	14.00	\$	0.0070	2000	\$	14.00		\$ -	0.00%
TOU - Off Peak	per kWh	\$	0.0670	1280	\$	85.76	\$	0.0670	1280	\$	85.76		\$ -	0.00%
TOU - Mid Peak	per kWh	\$	0.1040	360	\$	37.44	\$	0.1040	360	\$	37.44		\$ -	0.00%
TOU - On Peak	per kWh	\$	0.1240	360	\$	44.64	Ś	0.1240	360	Ś	44.64		\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0750	600	\$	45.00	\$	0.0750	600	\$	45.00		\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.0880	1400	\$	123.20	\$	0.0880	1400	\$	123.20		\$ -	0.00%
Total Bill on TOU (before Taxes)		П			\$	264.88				\$	264.04	T-	\$ 0.84	-0.32%
HST			13%		\$	34.43		13%		\$	34.32		\$ 0.11	-0.32%
Total Bill (including HST)					\$	299.32				\$	298.36	-	\$ 0.95	-0.32%
Ontario Clean Energy Benefit 1					-\$	29.93				-\$	29.84		\$ 0.09	-0.30%
Total Bill on TOU (including OCEB)					\$	269.39				\$	268.52	-	\$ 0.86	-0.32%
Total Bill on RPP (before Taxes)		_			\$	265.24				\$	264.40	T-	\$ 0.84	-0.32%
HST			13%		\$	34.48		13%		\$	34.37		\$ 0.11	-0.32%
Total Bill (including HST)					\$	299.72				\$	298.77		\$ 0.95	-0.32%
Ontario Clean Energy Benefit 1					-\$	29.97				-\$	29.88		\$ 0.09	-0.30%
Total Bill on RPP (including OCEB)					\$	269.75				\$	268.89	-	\$ 0.86	-0.32%
				1										
Loss Factor (%)			2.86%	J				3.35%						

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000

GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: 8-5 Appendix: 1 of 1 Page: Sheet 8 - GS<50 (1,000kWh) Sheet: October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: GS < 50 kW

TOU / non-TOU: TOU

Consumption 1,000 kWh

			Current I	Board-App	orov	ved		Р	roposed				Impa	act
			Rate	Volume	C	Charge		Rate	Volume	0	Charge	lΓ		
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	11.92	1	\$	11.92	\$	18.48	1	\$	18.48	,	\$ 6.56	55.03%
Rate Rider for Disposal of Residual Historical Smart														
Meter Costs - effective until April 30, 2014	Monthly	\$	4.89	1	\$	4.89			1	\$	-	-5	\$ 4.89	-100.00%
Rate Rider for Smart Meter Incremental Revenue					١.									
Requirement	Monthly	\$	6.20	1	\$	6.20			1	\$	-	-5	\$ 6.20	-100.00%
Distribution Volumetric Rate	per kWh	\$	0.0127	1000	\$	12.70	\$	0.0129	1000	\$	12.90	Ş		1.57%
Sub-Total A (excluding pass through)					\$	35.71				\$	31.38	-	\$ 4.33	-12.13%
Stranded Meter Rate Rider (SMRR)	Monthly			1	\$	-	\$	10.96	1	\$	10.96	Ş	\$ 10.96	
Deferral/Variance Account Disposition Rate Rider	per kWh	\$	0.0003	1000	\$	0.30	-\$	0.0011	1000	\$	(1.10)	-5	\$ 1.40	-466.67%
Rate Rider for Application of Tax Change	per kWh	-\$	0.0001	1000	\$	(0.10)			1000	\$	-		\$ 0.10	-100.00%
Rate Rider for Accounts 1575 and 1576	per kWh			1000	Ś		-\$	0.0024	1000	Ś	(2.40)	-9	\$ 2.40	
Low Voltage Service Charge	per kWh	\$	_	1000	Ś	_	\$	0.0001	1000	Ś	0.10		\$ 0.10	
Line Losses on Cost of Power	per kWh	\$	0.0839	28.6		2.40	\$	0.0839	33.5		2.81		\$ 0.41	17.13%
Smart Meter Entity Charge	Monthly	\$	0.79	1	1.	0.79	\$	0.79	1	\$	0.79		\$ -	17.1370
Sub-Total B - Distribution (includes Sub-Total A)	moneny	Ţ	0.73	_	\$	39.10	Ť	0.73		\$			\$ 3.44	8.80%
RTSR - Network	per kWh	\$	0.0062	1029	\$	6.38	\$	0.0063	1034	Ś	6.56			2.84%
RTSR - Line and Transformation Connection	per kWh	\$	0.0062	1029		3.70	\$	0.0063	1034	\$	3.98		\$ 0.18	7.53%
Sub-Total C - Delivery (including Sub-Total B)	perkwii	Ş	0.0036	1029	\$ \$	49.18	Ş	0.0059	1034	ې <b>\$</b>	53.08		\$ 0.28 \$ 3.90	7.53%
		\$	0.0044	1029	•	49.10	\$	0.0044	1034	÷	4.55		\$ 0.02	0.48%
Wholesale Market Service Charge (WMSC)	per kWh									\$				
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	1029		1.23	\$	0.0012		\$	1.24		\$ 0.01	0.48%
Standard Supply Service Charge	Monthly	\$	0.25	1		0.25	\$	0.25	1	\$	0.25		7	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	1000		7.00	\$	0.0070	1000		7.00		\$ -	0.00%
TOU - Off Peak	per kWh	\$	0.0670	640		42.88	\$	0.0670	640		42.88		\$ -	0.00%
TOU - Mid Peak	per kWh	\$	0.1040	180		18.72	\$	0.1040	180		18.72		\$ -	0.00%
TOU - On Peak	per kWh	\$	0.1240	180		22.32	\$	0.1240	180	٠.	22.32		\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0750	600		45.00	\$	0.0750	600	\$	45.00	;	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.0880	400	\$	35.20	\$	0.0880	400	\$	35.20		\$ -	0.00%
Total Bill on TOU (before Taxes)		П			\$	146.11				\$	150.04		\$ 3.93	2.69%
HST			13%		\$	18.99		13%		\$	19.51		\$ 0.51	2.69%
Total Bill (including HST)					\$	165.10				\$	169.54		\$ 4.44	2.69%
Ontario Clean Energy Benefit 1					-\$	16.51				-\$	16.95	-5	\$ 0.44	2.67%
Total Bill on TOU (including OCEB)					\$	148.59				\$	152.59		\$ 4.00	2.69%
Total Bill on RPP (before Taxes)					\$	142.39				\$	146.32		\$ 3.93	2.76%
HST			13%		\$	18.51		13%		\$	19.02		\$ 0.51	2.76%
Total Bill (including HST)					\$	160.90				\$	165.34		\$ 4.44	2.76%
Ontario Clean Energy Benefit 1					-\$	16.09				-\$	16.53		\$ 0.44	2.73%
Total Bill on RPP (including OCEB)					\$	144.81				\$	148.81		\$ 4.00	2.76%
Loss Factor (%)			2.86%	1				3.35%						
2000 1 40101 (70)			2.00/0	J				3.33/0	l					

<sup>&</sup>lt;sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000

GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: 8-5 Appendix: 1 of 1 Page: Sheet 9 - GS<50 (2,000kWh) Sheet: October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: GS < 50 kW

TOU / non-TOU: TOU

Consumption 2,000 kWh

			Current I	Board-App	oro	ved		Р	roposed			ΙT	Impa	act
			Rate	Volume	(	Charge		Rate	Volume	С	harge			
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	11.92	1	\$	11.92	\$	18.48	1	\$	18.48	Ş	6.56	55.03%
Rate Rider for Disposal of Residual Historical Smart Meter Costs - effective until April 30, 2014	Monthly	\$	4.89	1	\$	4.89			1	\$	-	-\$	4.89	-100.00%
Rate Rider for Smart Meter Incremental Revenue Requirement	Monthly	\$	6.20	1	\$	6.20			1	\$	-	-\$	6.20	-100.00%
Distribution Volumetric Rate	per kWh	\$	0.0127	2000	\$	25.40	\$	0.0129	2000	\$	25.80	9	0.40	1.57%
Sub-Total A (excluding pass through)					\$	48.41				\$	44.28	-9	\$ 4.13	-8.53%
Stranded Meter Rate Rider (SMRR)	Monthly			1	\$	-	\$	10.96	1	\$	10.96	Ş	10.96	
Deferral/Variance Account Disposition Rate Rider	per kWh	\$	0.0003	2000	\$	0.60	-\$	0.0011	2000	\$	(2.20)	-5	2.80	-466.67%
Rate Rider for Application of Tax Change	per kWh	-\$	0.0001	2000	\$	(0.20)			2000	\$	-	5	0.20	-100.00%
Rate Rider for Accounts 1575 and 1576	per kWh			2000	\$	- 1	-\$	0.0024	2000	\$	(4.80)	-5	4.80	
Low Voltage Service Charge	per kWh	\$	-	2000	\$	-	\$	0.0001	2000	\$	0.20	3	0.20	
Line Losses on Cost of Power	per kWh	\$	0.0839	57.2	\$	4.80	\$	0.0839	67	\$	5.62	3	0.82	17.13%
Smart Meter Entity Charge	Monthly	\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79	5	<b>-</b>	
Sub-Total B - Distribution (includes Sub-Total A)					\$	54.40				\$	54.85	;	\$ 0.45	0.83%
RTSR - Network	per kWh	\$	0.0062	2057	\$	12.75	\$	0.0063	2067	\$	13.12	5	0.36	2.84%
RTSR - Line and Transformation Connection	per kWh	\$	0.0036	2057	\$	7.41	\$	0.0039	2067	\$	7.96	3		7.53%
Sub-Total C - Delivery (including Sub-Total B)					\$	74.56				\$	75.93	,	\$ 1.37	1.84%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	2057	\$	9.05	\$	0.0044	2067	\$	9.09	Ş	5 0.04	0.48%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	2057	\$	2.47	\$	0.0012	2067	\$	2.48	5	0.01	0.48%
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	5	5 -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	2000	\$	14.00	\$	0.0070	2000	\$	14.00	5	<b>5</b> -	0.00%
TOU - Off Peak	per kWh	\$	0.0670	1280	\$	85.76	\$	0.0670	1280	\$	85.76	5	<b>5</b> -	0.00%
TOU - Mid Peak	per kWh	\$	0.1040	360	\$	37.44	\$	0.1040	360	\$	37.44	5	<b>5</b> -	0.00%
TOU - On Peak	per kWh	\$	0.1240	360	\$	44.64	\$	0.1240	360	\$	44.64	5	<b>;</b> -	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0750	600	\$	45.00	\$	0.0750	600	\$	45.00		\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.0880	1400	\$	123.20	\$	0.0880	1400	\$	123.20	,	\$ -	0.00%
Total Bill on TOU (before Taxes)					•	268.17				¢	269.60	1	1.43	0.53%
HST			13%		\$	34.86		13%		\$	35.05		§ 0.19	0.53%
Total Bill (including HST)			1370		\$	303.03		1070			304.65			0.53%
Ontario Clean Energy Benefit 1					-\$	30.30				-\$	30.46	-9		0.53%
Total Bill on TOU (including OCEB)						272.73					274.19		1.45	0.53%
Total Bill on RPP (before Taxes)					ę	268.53				¢	269.96		\$ 1.43	0.53%
HST			13%		\$	34.91		13%		\$	35.09		§ 0.19	0.53%
Total Bill (including HST)			1070		\$	303.44		.070		\$	305.05	3		0.53%
Ontario Clean Energy Benefit 1					-\$	30.34				-\$	30.51	-9		0.56%
Total Bill on RPP (including OCEB)					\$	273.10				\$	274.54	ç	1.44	0.53%
Loss Factor (%)			2.86%	J				3.35%						

<sup>&</sup>lt;sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Exhibit: 8-5 Appendix: 1 of 1 Page: Sheet 10 - GS<50 (5,000kWh) Sheet:

October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: GS < 50 kW

TOU / non-TOU: TOU

Consumption 5,000 kWh

			Current I	Board-App	oro	ved			Р	roposed			ll		Impa	ict
			Rate	Volume	(	Charge			Rate	Volume	(	Charge				
	Charge Unit		(\$)			(\$)			(\$)			(\$)		\$ Char	ige	% Change
Monthly Service Charge	Monthly	\$	11.92	1	\$	11.92		\$	18.48	1	\$	18.48		\$	6.56	55.03%
Rate Rider for Disposal of Residual Historical Smart																
Meter Costs - effective until April 30, 2014	Monthly	\$	4.89	1	\$	4.89				1	\$	-		\$	4.89	-100.00%
Rate Rider for Smart Meter Incremental Revenue																
Requirement	Monthly	\$	6.20	1	\$	6.20				1	\$	-		\$	6.20	-100.00%
·					١.											
Distribution Volumetric Rate	per kWh	\$	0.0127	5000	<u> </u>	63.50		\$	0.0129	5000	·	64.50			1.00	1.57%
Sub-Total A (excluding pass through)					\$	86.51		4	40.00		\$	82.98		•	3.53	-4.08%
Stranded Meter Rate Rider (SMRR)	Monthly			1		-		\$	10.96	1	\$	10.96		•	0.96	
Deferral/Variance Account Disposition Rate Rider	per kWh	\$	0.0003	5000		1.50		-\$	0.0011	5000		(5.50)			7.00	-466.67%
Rate Rider for Application of Tax Change	per kWh	-\$	0.0001	5000		(0.50)				5000	\$	-			0.50	-100.00%
Rate Rider for Accounts 1575 and 1576	per kWh			5000		-		-\$	0.0024	5000	\$	(12.00)			2.00	
Low Voltage Service Charge	per kWh	\$	-	5000		-		\$	0.0001	5000	\$	0.50			0.50	.=
Line Losses on Cost of Power	per kWh	\$	0.0839	143	٠.	12.00		\$	0.0839	167.5	\$	14.06		\$	2.06	17.13%
Smart Meter Entity Charge  Sub-Total B - Distribution (includes Sub-Total A)	Monthly	\$	0.79	1	\$	0.79		\$	0.79	1	\$	0.79		\$		
Sub-Total B - Distribution (includes Sub-Total A)					\$	100.30					\$	91.79		-\$	8.51	-8.49%
RTSR - Network	per kWh	\$	0.0062	5143	\$	31.89		\$	0.0063	5168	\$	32.79		\$	0.91	2.84%
RTSR - Line and Transformation Connection	per kWh	\$	0.0036	5143	\$	18.51		\$	0.0039	5168	\$	19.91		\$	1.39	7.53%
Sub-Total C - Delivery (including Sub-Total B)					\$	150.70					\$	144.49	<b>i</b> .	-\$	6.21	-4.12%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	5143	\$	22.63		\$	0.0044	5168	\$	22.74		\$	0.11	0.48%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	5143	\$	6.17		\$	0.0012	5168	\$	6.20		\$	0.03	0.48%
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25		\$	0.25	1	\$	0.25		\$	-	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	5000	\$	35.00		\$	0.0070	5000	\$	35.00		\$	-	0.00%
TOU - Off Peak	per kWh	\$	0.0670	3200	\$	214.40		\$	0.0670	3200	\$	214.40		\$	-	0.00%
TOU - Mid Peak	per kWh	\$	0.1040	900	\$	93.60		\$	0.1040	900	\$	93.60		\$	-	0.00%
TOU - On Peak	per kWh	\$	0.1240	900	\$	111.60		\$	0.1240	900	\$	111.60		\$	-	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0750	600	\$	45.00		\$	0.0750	600	\$	45.00		\$	-	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.0880	4400	\$	387.20		\$	0.0880	4400	\$	387.20		\$	-	0.00%
Total Bill on TOU (before Taxes)					\$	634.35					\$	628.28	П	-\$	6.08	-0.96%
HST			13%		\$	82.47			13%		\$	81.68		· -\$	0.79	-0.96%
Total Bill (including HST)					\$	716.82					\$	709.95	.	-\$	6.87	-0.96%
Ontario Clean Energy Benefit 1					-\$	71.68					-\$	71.00		\$	0.68	-0.95%
Total Bill on TOU (including OCEB)					\$	645.14						638.95			6.19	-0.96%
Total Bill on RPP (before Taxes)					\$	646.95	Ī				\$	640.88	1	-\$	6.08	-0.94%
HST			13%		\$	84.10			13%		\$	83.31		-\$	0.79	-0.94%
Total Bill (including HST)					\$	731.06					\$	724.19		-\$	6.87	-0.94%
Ontario Clean Energy Benefit 1					-\$	73.11					-\$	72.42		\$	0.69	-0.94%
Total Bill on RPP (including OCEB)					\$	657.95					\$	651.77	ŀ	-\$	6.18	-0.94%
				1												
Loss Factor (%)			2.86%	J					3.35%							

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000

GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: Appendix: 8-5 1 of 1 Page: Sheet 11 - GS<50 (10,000kWh) Sheet:

Filed:

## Appendix 2-W Bill Impacts

Customer Class: GS < 50 kW

TOU / non-TOU: TOU

10,000 kWh Consumption

			Current	Board-App	oro	ved		F	roposed				Impa	act
			Rate	Volume	(	Charge		Rate	Volume	(	Charge			
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	11.92	1	\$	11.92	\$	18.48	1	\$	18.48	Ş	6.56	55.03%
Rate Rider for Disposal of Residual Historical Smart					١.							Ш.		
Meter Costs - effective until April 30, 2014	Monthly	\$	4.89	1	\$	4.89			1	\$	-	-\$	4.89	-100.00%
Rate Rider for Smart Meter Incremental Revenue		_		_						_		١		
Requirement	Monthly	\$	6.20	1	\$	6.20			1	\$	-	-\$	6.20	-100.00%
Distribution Volumetric Rate	per kWh	\$	0.0127	10000	\$	127.00	\$	0.0129	10000	\$	129.00	Ş	2.00	1.57%
Sub-Total A (excluding pass through)					\$	150.01				\$	147.48	-\$	2.53	-1.69%
Stranded Meter Rate Rider (SMRR)	Monthly			1	\$	-	\$	10.96	1	\$	10.96	\$	10.96	
Deferral/Variance Account Disposition Rate Rider	per kWh	\$	0.0003	10000	\$	3.00	-\$	0.0011	10000	\$	(11.00)	-\$	14.00	-466.67%
Rate Rider for Application of Tax Change	per kWh	-\$	0.0001	10000	\$	(1.00)			10000	\$	-	\$	1.00	-100.00%
Rate Rider for Accounts 1575 and 1576	per kWh			10000	Ś		-\$	0.0024	10000	Ś	(24.00)	-9	24.00	
Low Voltage Service Charge	per kWh	\$	_	10000		_	\$	0.0001	10000	Ś	1.00	Š		
Line Losses on Cost of Power	per kWh	\$	0.0839	286	\$	24.00	\$	0.0839	335	Ś	28.11	Ś		17.13%
Smart Meter Entity Charge	Monthly	\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79	\$	-	
Sub-Total B - Distribution (includes Sub-Total A)					\$	176.80	Ė			Ė	153.34	-9		-13.27%
RTSR - Network	per kWh	\$	0.0062	10286	\$	63.77	\$	0.0063	10335	\$	65.58	5	1.81	2.84%
RTSR - Line and Transformation Connection	per kWh	\$	0.0036	10286		37.03	\$	0.0039	10335	Ś	39.82	Š		7.53%
Sub-Total C - Delivery (including Sub-Total B)	p =	7			\$	277.60	-			\$	258.75	-9		-6.79%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	10286	_	45.26	\$	0.0044	10335	\$	45.47	\$	0.22	0.48%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	10286	\$	12.34	\$	0.0012	10335	\$	12.40	Ş	0.06	0.48%
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	Ş	-	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	10000	\$	70.00	\$	0.0070	10000	\$	70.00	Ş	-	0.00%
TOU - Off Peak	per kWh	\$	0.0670	6400	\$	428.80	\$	0.0670	6400	\$	428.80	\$	-	0.00%
TOU - Mid Peak	per kWh	\$	0.1040	1800	\$	187.20	\$	0.1040	1800	\$	187.20	Ş	-	0.00%
TOU - On Peak	per kWh	\$	0.1240	1800	\$	223.20	\$	0.1240	1800	\$	223.20	\$	-	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0750	600	\$	45.00	\$	0.0750	600	\$	45.00	9	-	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.0880	9400	\$	827.20	\$	0.0880	9400	\$	827.20	\$	-	0.00%
Total Bill on TOU (before Taxes)		П			\$	1,244.66				\$	1,226.07	-\$	18.58	-1.49%
HST			13%			161.81		13%		\$	159.39	-9		-1.49%
Total Bill (including HST)			1570			1.406.46		1070			1,385.46	-9		-1.49%
Ontario Clean Energy Benefit 1						140.65					138.55	9		-1.49%
Total Bill on TOU (including OCEB)						1,265.81					1,246.91	-9		-1.49%
											_			-1.45%
Total Bill on RPP (before Taxes) HST			13%			<b>1,277.66</b> 166.10		13%		\$	<b>1,259.07</b> 163.68	- <b>9</b> -9		-1.45% -1.45%
Total Bill (including HST)			13%			1,443.75		13%			1,422.75	-3		-1.45%
Ontario Clean Energy Benefit <sup>1</sup>						144.38				Ф -\$	142.28	9		-1.45%
Total Bill on RPP (including OCEB)						1,299.37					1,280.47	-9		-1.45%
Total Bill on Ri T (illolading COLB)					Ť	.,_00.01				*	.,_00.71		10.30	1.407

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

2.86%

3.35%

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000 Large User - range appropriate for utility

Loss Factor (%)

Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 File Number: Exhibit: Appendix: 8-5 Page: 1 of 1 Sheet 12 - GS<50 (15,000kWh) Sheet:

Filed:

## Appendix 2-W Bill Impacts

Customer Class: GS < 50 kW

TOU / non-TOU: TOU

Consumption 15,000 kWh

Monthly Service Charge  Rate Rider for Disposal of Residual Historical Smart Meter Costs - effective until April 30, 2014  Rate Rider for Smart Meter Incremental Revenue Requirement Distribution Volumetric Rate  Sub-Total A (excluding pass through)  Stranded Meter Rate Rider (SMRR) Deferral/Variance Account Disposition Rate Rider Rate Rider for Application of Tax Change Rate Rider for Accounts 1575 and 1576 Low Voltage Service Charge Line Losses on Cost of Power Smart Meter Entity Charge  Sub-Total B - Distribution (includes Sub-Total A)	ly ly h	\$ \$ \$ \$	Rate (\$) 11.92 4.89 6.20 0.0127		\$	(\$) 11.92 4.89	-	\$	Rate (\$) 18.48	Volume 1	\$	(\$) 18.48		<b>\$ Change</b> \$ 6.5	<b>% Change</b> 6 55.03%
Monthly Service Charge  Rate Rider for Disposal of Residual Historical Smart Meter Costs - effective until April 30, 2014  Rate Rider for Smart Meter Incremental Revenue Requirement  Distribution Volumetric Rate  Sub-Total A (excluding pass through)  Stranded Meter Rate Rider (SMRR) Deferral/Variance Account Disposition Rate Rider Rate Rider for Application of Tax Change Rate Rider for Accounts 1575 and 1576  Low Voltage Service Charge Line Losses on Cost of Power Smart Meter Entity Charge Monthly	ly ly h	\$	11.92 4.89 6.20	1		11.92		\$		1	\$	• •	-	•	
Rate Rider for Disposal of Residual Historical Smart Meter Costs - effective until April 30, 2014  Rate Rider for Smart Meter Incremental Revenue Requirement Distribution Volumetric Rate  Sub-Total A (excluding pass through)  Stranded Meter Rate Rider (SMRR) Deferral/Variance Account Disposition Rate Rider Rate Rider for Application of Tax Change Rate Rider for Accounts 1575 and 1576 Low Voltage Service Charge Line Losses on Cost of Power Smart Meter Entity Charge Monthl	ly ly 'h	\$	4.89 6.20	1				\$	18.48	1	\$	18.48		\$ 6.5	5 55.03%
Meter Costs - effective until April 30, 2014  Rate Rider for Smart Meter Incremental Revenue Requirement  Distribution Volumetric Rate  Sub-Total A (excluding pass through)  Stranded Meter Rate Rider (SMRR)  Deferral/Variance Account Disposition Rate Rider Rate Rider for Application of Tax Change Rate Rider for Accounts 1575 and 1576  per kW Low Voltage Service Charge  Line Losses on Cost of Power  Smart Meter Entity Charge  Monthi	ly 'h ly 'h	\$	6.20		\$	4.89									
Rate Rider for Smart Meter Incremental Revenue Requirement  Distribution Volumetric Rate  Sub-Total A (excluding pass through)  Stranded Meter Rate Rider (SMRR)  Deferral/Variance Account Disposition Rate Rider Rate Rider for Application of Tax Change Rate Rider for Accounts 1575 and 1576  Low Voltage Service Charge Line Losses on Cost of Power  Smart Meter Entity Charge  Monthi	ly 'h ly 'h	\$	6.20		\$	4.89									
Requirement  Distribution Volumetric Rate  Sub-Total A (excluding pass through)  Stranded Meter Rate Rider (SMRR)  Deferral/Variance Account Disposition Rate Rider Rate Rider for Application of Tax Change Rate Rider for Accounts 1575 and 1576  per kW Low Voltage Service Charge  Line Losses on Cost of Power  Smart Meter Entity Charge  Monthi	ly 'h			1						1	\$	-	-:	\$ 4.8	9 -100.00%
Distribution Volumetric Rate per kW  Sub-Total A (excluding pass through)  Stranded Meter Rate Rider (SMRR)  Deferral/Variance Account Disposition Rate Rider per kW  Rate Rider for Application of Tax Change per kW  Rate Rider for Accounts 1575 and 1576 per kW  Low Voltage Service Charge per kW  Line Losses on Cost of Power per kW  Smart Meter Entity Charge Monthi	ly 'h			1	_						_				
Sub-Total A (excluding pass through)  Stranded Meter Rate Rider (SMRR)  Deferral/Variance Account Disposition Rate Rider Rate Rider for Application of Tax Change Rate Rider for Accounts 1575 and 1576  per kW Low Voltage Service Charge Line Losses on Cost of Power  Smart Meter Entity Charge  Monthl	ly 'h 'h	\$	0.0127		\$	6.20				1	\$	-	-	\$ 6.2	-100.00%
Stranded Meter Rate Rider (SMRR)  Deferral/Variance Account Disposition Rate Rider Rate Rider for Application of Tax Change Rate Rider for Accounts 1575 and 1576  Low Voltage Service Charge Line Losses on Cost of Power  Smart Meter Entity Charge  Monthl	'h 'h		0.0127	15000	_	190.50		\$	0.0129	15000		193.50		\$ 3.0	
Deferral/Variance Account Disposition Rate Rider Rate Rider for Application of Tax Change Rate Rider for Apolication of Tax Change Rate Rider for Accounts 1575 and 1576 Low Voltage Service Charge Line Losses on Cost of Power Smart Meter Entity Charge Monthi	'h 'h				\$	213.51	L				\$	211.98	_	\$ 1.5	
Rate Rider for Application of Tax Change Rate Rider for Accounts 1575 and 1576  Low Voltage Service Charge  Line Losses on Cost of Power  Smart Meter Entity Charge  per kW  Monthl	'h			1		-		\$	10.96	1	\$	10.96	1	\$ 10.9	ŝ .
Rate Rider for Accounts 1575 and 1576 per kW Low Voltage Service Charge per kW Line Losses on Cost of Power per kW Smart Meter Entity Charge Monthl		\$	0.0003	15000	\$	4.50	-	-\$	0.0011	15000	\$	(16.50)		\$ 21.0	0 -466.67%
Low Voltage Service Charge per kW Line Losses on Cost of Power per kW Smart Meter Entity Charge Monthl		-\$	0.0001	15000	\$	(1.50)				15000	\$	-		\$ 1.5	0 -100.00%
Line Losses on Cost of Power per kW Smart Meter Entity Charge Monthl	'h			15000	\$	-	-	-\$	0.0024	15000	\$	(36.00)	-:	\$ 36.0	o l
Smart Meter Entity Charge Monthl	'h	\$	-	15000	\$	-		\$	0.0001	15000	\$	1.50		\$ 1.5	o l
	'h	\$	0.0839	429	\$	36.00		\$	0.0839	502.5	\$	42.17		\$ 6.1	7 17.13%
Sub-Total B - Distribution (includes Sub-Total A)	ly	\$	0.79	1	\$	0.79		\$	0.79	1	\$	0.79		\$ -	
					\$	253.30					\$	214.90	-	\$ 38.4	0 -15.16%
RTSR - Network per kW	'h	\$	0.0062	15429	\$	95.66		\$	0.0063	15503	\$	98.38	- 1	\$ 2.7	2 2.84%
RTSR - Line and Transformation Connection per kW	'h	\$	0.0036	15429	\$	55.54		\$	0.0039	15503	\$	59.73		\$ 4.1	8 7.53%
Sub-Total C - Delivery (including Sub-Total B)					\$	404.51					\$	373.00	-	\$ 31.5	0 -7.79%
Wholesale Market Service Charge (WMSC) per kW	'h	\$	0.0044	15429	\$	67.89	Ī	\$	0.0044	15503	\$	68.21		\$ 0.3	2 0.48%
Rural and Remote Rate Protection (RRRP) per kW	'h	\$	0.0012	15429	\$	18.51		\$	0.0012	15503	\$	18.60		\$ 0.0	9 0.48%
Standard Supply Service Charge Monthl	ly	\$	0.25	1	\$	0.25		\$	0.25	1	\$	0.25		\$ -	0.00%
Debt Retirement Charge (DRC) per kW	'h	\$	0.0070	15000	\$	105.00		\$	0.0070	15000	\$	105.00		\$ -	0.00%
TOU - Off Peak per kW	'h	\$	0.0670	9600	\$	643.20		\$	0.0670	9600	\$	643.20		\$ -	0.00%
TOU - Mid Peak per kW	'h	\$	0.1040	2700	\$	280.80		\$	0.1040	2700	\$	280.80		\$ -	0.00%
TOU - On Peak per kW	'h	\$	0.1240	2700	\$	334.80		\$	0.1240	2700	\$	334.80		\$ -	0.00%
Energy - RPP - Tier 1 per kW	'h	\$	0.0750	FALSE	\$	-		\$	0.0750	FALSE	\$	-		\$ -	
Energy - RPP - Tier 2 per kW	'h	\$	0.0880	FALSE	\$	-		\$	0.0880	FALSE	\$	-		\$ -	
Total Bill on TOU (before Taxes)		П			4	1.854.96	Т	_			\$ 1	1,823.87	L	\$ 31.0	9 -1.68%
HST			13%		\$	241.14			13%		\$	237.10		\$ 4.0	
Total Bill (including HST)			13/0			2.096.10			1070			2,060.97		\$ 35.1	
Ontario Clean Energy Benefit 1					Ψ. -\$	209.61					Ψ 2 -\$	206.10		\$ 3.5	
Total Bill on TOU (including OCEB)					-	1,886.49						1,854.87		\$ 31.6	
Tetal Dill on DDD (hefers Tours)						,						,			9 -5,22%
Total Bill on RPP (before Taxes) HST			13%		<b>\$</b>	<b>596.16</b> 77.50			13%		<b>\$</b> \$	<b>565.07</b> 73.46		<b>\$ 31.0</b> \$ 4.0	
Total Bill (including HST)			13%		\$	673.66			13%		\$	638.53		\$ 4.0 \$ 35.1	
Ontario Clean Energy Benefit <sup>1</sup>					-\$	67.37					-\$	63.85		\$ 3.5	
Total Bill on RPP (including OCEB)															
					\$	606.29					\$	574.68		\$ 31.6	

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

2.86%

3.35%

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility

Loss Factor (%)

Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: 8 Appendix: 8-5 1 of 1 Page: Sheet 13 - GS 50-999 (60kW) Sheet: October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: GS 50-999 kW

TOU / non-TOU: non-TOU

Consumption 20,000 kWh 60 kW

	Consumption		20,000	KWN		60	KVV	'							
			Current	Board-Ap	pro	ved	1			Proposed			1 [	Im	pact
			Rate	Volume		Charge			Rate	Volume		Charge			
	Charge Unit		(\$)			(\$)			(\$)			(\$)	J L	\$ Change	% Change
Monthly Service Charge	Monthly	\$	109.35	1	\$	109.35		\$	126.44	1	\$	126.44		\$ 17.0	9 15.63%
Distribution Volumetric Rate	per kW	\$	3.6834	60	<u> </u>	221.00		\$	4.2429	60	\$	254.57		\$ 33.5	_
Sub-Total A (excluding pass through)					\$	330.35					\$	381.01	-	\$ 50.6	
Deferral/Variance Account Disposition Rate Rider	per kW	\$	0.1180	60	\$	7.08		-\$	0.4591	60	\$	(27.55)	-	\$ 34.6	3 -489.07%
Rate Rider for Application of Tax Change	per kW	-\$	0.0188	60	\$	(1.13)				60	\$	-		\$ 1.1	3 -100.00%
Rate Rider for Accounts 1575 and 1576	per kW			60	\$	-		-\$	0.9034	60	\$	(54.20)	-	\$ 54.2	0
Rate Rider for Disposition of Global Adjustment Sub-															
Account(Applicable only for Non-RPP Customers)	per kW	\$	1.2458	60	\$	74.75		-\$	1.3982	60	\$	(83.89)		\$ 158.6	-212.23%
Low Voltage Service Charge	per kW	\$	0.0290	60	\$	1.74		\$	0.0570	60	\$	3.42		\$ 1.6	8 96.55%
Line Losses on Cost of Power	per kWh	\$	0.0750	572	\$	42.90		\$	0.0922	670	\$	61.76		\$ 18.8	6 43.96%
Smart Meter Entity Charge	Monthly	\$	0.79	0	\$	-		\$	0.79	0	\$	-		\$ -	
Sub-Total B - Distribution (includes Sub-Total A)					\$	455.69					\$	280.55	] [	\$ 175.1	4 -38.43%
RTSR - Network	per kW	\$	3.5124	62	\$	216.77		\$	3.5950	62	\$	222.93	1	\$ 6.1	6 2.84%
RTSR - Line and Transformation Connection	per kW	\$	2.0763	62	\$	128.14		\$	2.2221	62	\$	137.79		\$ 9.6	5 7.53%
Sub-Total C - Delivery (including Sub-Total B)					\$	800.61					\$	641.27	-	\$ 159.3	4 -19.90%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	20572	\$	90.52		\$	0.0044	20670	\$	90.95	l	\$ 0.4	3 0.48%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	20572	\$	24.69		\$	0.0012	20670	\$	24.80		\$ 0.1	2 0.48%
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25		\$	0.25	1	\$	0.25		\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	20000	\$	140.00		\$	0.0070	20000	\$	140.00		\$ -	0.00%
COP Spot Price	per kWh	\$	0.0799	20000	\$	1,598.00		\$	0.0799	20000	\$	1,598.00		\$ -	0.00%
Total Bill on TOU (before Taxes)					\$	2,654.06					\$	2,495.27	-	\$ 158.7	9 -5.98%
HST			13%		\$	345.03			13%		\$	324.39	-	\$ 20.6	4 -5.98%
Total Bill (including HST)					\$	2,999.09					\$	2,819.66	-	\$ 179.4	3 -5.98%
Ontario Clean Energy Benefit 1					-\$	299.91					-\$	281.97		\$ 17.9	4 -5.98%
Total Bill on TOU (including OCEB)					\$	2,699.18					\$	2,537.69		\$ 161.4	9 -5.98%
Total Bill on RPP (before Taxes)						2,654.06								\$ 158.7	
HST			13%		\$	345.03			13%		\$	324.39		\$ 20.6	
Total Bill (including HST)					\$ -\$	2,999.09					\$ -\$	2,819.66		\$ 179.4 \$ 17.9	
Ontario Clean Energy Benefit <sup>1</sup> Total Bill on RPP (including OCEB)						299.91 2,699.18						281.97 2,537.69		\$ 17.9 •\$ 161.4	
Total Bill Off REF (Illicidulity OCEB)					å	2,039.10					a.	2,337.09		·φ 101.4	-5.96%
Loss Factor (%)			2.86%						3.35%						

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000

GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: 8 8-5 Appendix: 1 of 1 Page: Sheet 14 - GS 50-999 (100kW) Sheet: October 1, 2013 Filed:

## Appendix 2-W Bill Impacts

Customer Class: GS 50-999 kW

TOU / non-TOU: non-TOU

100 kW Consumption 40,000 kWh

			Current	Board-Ap	pro	ved			Proposed				Impa	ict
			Rate	Volume	_	Charge		Rate	Volume	-	Charge			
	Charge Unit		(\$)			(\$)		(\$)			(\$)	\$ (	Change	% Change
Monthly Service Charge	Monthly	\$	109.35	1	\$	109.35	\$	126.44	1	\$	126.44	\$	17.09	15.63%
Distribution Volumetric Rate	per kW	\$	3.6834	100	\$	368.34	\$	4.2429	100	\$	424.29	\$	55.95	15.19%
Sub-Total A (excluding pass through)					\$	477.69				\$	550.73	\$	73.04	15.29%
Deferral/Variance Account Disposition Rate Rider	per kW	\$	0.1180	100	\$	11.80	-\$	0.4591	100	\$	(45.91)	-\$	57.71	-489.07%
Rate Rider for Application of Tax Change	per kW	-\$	0.0188	100	\$	(1.88)			100	\$	-	\$	1.88	-100.00%
Rate Rider for Accounts 1575 and 1576	per kW			100	\$	-	-\$	0.9034	100	\$	(90.34)	-\$	90.34	
Rate Rider for Disposition of Global Adjustment Sub- Account(Applicable only for Non-RPP Customers)	per kW	\$	1.2458	100	\$	124.58	-\$	1.3982	100	\$	(139.82)	-\$	264.40	-212.23%
Low Voltage Service Charge	per kW	\$	0.0290	100	\$	2.90	\$	0.0570	100	\$	5.70	\$	2.80	96.55%
Line Losses on Cost of Power	per kWh	\$	0.0750	1144	\$	85.80	\$	0.0922	1340	\$	123.52	\$	37.72	43.96%
Smart Meter Entity Charge	Monthly	\$	0.79	0	\$	-	\$	0.79	0	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-Total A)					\$	700.89				\$	403.88	-\$	297.01	-42.38%
RTSR - Network	per kW	\$	3.5124	103	\$	361.29	\$	3.5950	103	\$	371.54	\$	10.26	2.84%
RTSR - Line and Transformation Connection	per kW	\$	2.0763	103	\$	213.57	\$	2.2221	103	\$	229.65	\$	16.09	7.53%
Sub-Total C - Delivery (including Sub-Total B)					\$	1,275.74				\$	1,005.07	-\$	270.67	-21.22%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	41144	\$	181.03	\$	0.0044	41340	\$	181.90	\$	0.86	0.48%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	41144	\$	49.37	\$	0.0012	41340	\$	49.61	\$	0.24	0.48%
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	40000	\$	280.00	\$	0.0070	40000	\$	280.00	\$	-	0.00%
COP Spot Price	per kWh	\$	0.0799	40000	\$	3,196.00	\$	0.0799	40000	\$	3,196.00	\$	-	0.00%
Total Bill on RPP (before Taxes)		П			\$	4,982.40				\$	4,712.83	-\$	269.57	-5.41%
HST			13%		\$	647.71		13%		\$	612.67	-\$	35.04	-5.41%
Total Bill (including HST)						5,630.11					5,325.50	-\$	304.62	-5.41%
Ontario Clean Energy Benefit 1					-\$	563.01				-\$	532.55	\$	30.46	-5.41%
Total Bill on RPP (including OCEB)					\$	5,067.10				\$	4,792.95	-\$	274.16	-5.41%
Loss Factor (%)			2.86%					3.35%						

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filling must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc.
Number: EB-2013-0116 File Number: Exhibit: 8-5 Appendix: 1 of 1 Page: Sheet: Sheet 15 - GS 1000-4999 (1,000kW)

October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: GS 1,000-4,999 kW

TOU / non-TOU: non-TOU

Consumption 400,000 kWh 1,000 kW

			Curren	t Board-Ap	pro	ved	ſ			Proposed				Impa	act
			Rate	Volume		Charge	Ī		Rate	Volume		Charge			
	Charge Unit		(\$)			(\$)			(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	Monthly	\$	908.75	1	\$	908.75		\$	1,050.20	1	\$	1,050.20	\$	141.45	15.579
Distribution Volumetric Rate	per kW	\$	3.2086	1,000	\$	3,208.60		\$	3.6231	1,000	\$	3,623.10	\$	414.50	12.929
Sub-Total A (excluding pass through)					\$	4,117.35					\$	4,673.30	\$	555.95	13.50%
Deferral/Variance Account Disposition Rate Rider	per kW	\$	0.1413	1,000	\$	141.30		-\$	0.5660	1,000	\$	(566.00)	-\$	707.30	-500.579
Rate Rider for Application of Tax Change	per kW	-\$	0.0161	1,000	\$	(16.10)				1,000	\$	-	\$	16.10	-100.009
Rate Rider for Accounts 1575 and 1576	per kW			1,000	\$	-		-\$	1.0816	1,000	\$	(1,081.60)	-\$	1,081.60	
Rate Rider for Disposition of Global Adjustment Sub- Account(Applicable only for Non-RPP Customers)	per kW	\$	1.4915	1,000	\$	1,491.50		-\$	1.6739	1,000	\$	(1,673.90)	-\$	3,165.40	-212.23%
Low Voltage Service Charge	per kW	\$	0.0228	1,000	\$	22.80		\$	0.0447	1,000	\$	44.70	\$	21.90	96.059
Line Losses on Cost of Power	per kWh	\$	0.0880	11440	\$	1,006.72		\$	0.0922	13400	\$	1,235.16	\$	228.44	22.699
Smart Meter Entity Charge	Monthly	\$	0.79	0	\$	-		\$	0.79	0	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-Total A)					\$	6,763.57					\$	2,631.66	-\$	4,131.91	-61.09%
RTSR - Network	per kW	\$	2.6676	29	\$	76.29	Ī	\$	2.7303	34	\$	91.47	\$	15.17	19.899
RTSR - Line and Transformation Connection	per kW	\$	1.6295	29	\$	46.60		\$	1.7439	34	\$	58.42	\$	11.82	25.369
Sub-Total C - Delivery (including Sub-Total B)					\$	6,886.47					\$	2,781.55	-\$	4,104.92	-59.619
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	11440	\$	50.34		\$	0.0044	13400	\$	58.96	\$	8.62	17.139
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	11440	\$	13.73		\$	0.0012	13400	\$	16.08	\$	2.35	17.139
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25		\$	0.25	1	\$	0.25	\$	-	0.009
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	400000	\$	2,800.00		\$	0.0070	400000	\$	2,800.00	\$	-	0.009
COP Spot Price	per kWh	\$	0.0799	400000	\$	31,960.00		\$	0.0799	400000	\$	31,960.00	\$	-	0.009
Total Bill on RPP (before Taxes)		T			\$	41,710.78	П				\$	37,616.84	-\$	4,093.94	-9.82
HST			13%		\$	5,422.40			13%		\$	4,890.19	-\$	532.21	-9.829
Total Bill (including HST)						47,133.18						42,507.03	-\$	4,626.16	-9.829
Ontario Clean Energy Benefit 1					-\$	4,713.32					-\$		\$	462.62	-9.829
Total Bill on RPP (including OCEB)					\$	42,419.86					\$	38,256.33	-\$	4,163.54	-9.82%

3.35%

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

2.86%

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility

Loss Factor (%)

Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. lumber: EB-2013-0116

File Number: Exhibit:

8-5

1 of 1

Appendix: Page: Sheet: Sheet 16 - GS 1000-4999 (5,000kW)

October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: GS 1,000-4,999 kW

TOU / non-TOU: non-TOU

Consumption 1,800,000 kWh 5,000 kW

		L	Curren	t Board-Ap	proved	] ]			Proposed				Imp	act
			Rate	Volume	Charge			Rate	Volume		Charge			
	Charge Unit		(\$)		(\$)			(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	908.75	1	\$ 908.75		\$	1,050.20	1	\$	1,050.20	:	\$ 141.45	15.579
Distribution Volumetric Rate	per kW	\$	3.2086	5,000	\$ 16,043.00		\$	3.6231	5,000	\$	18,115.50		\$ 2,072.50	12.929
Sub-Total A (excluding pass through)					\$ 16,951.75					\$	19,165.70		\$ 2,213.95	13.069
Deferral/Variance Account Disposition Rate Rider	per kW	\$	0.1413	5,000	\$ 706.50		-\$	0.5660	5,000	\$	(2,830.00)	-:	\$ 3,536.50	-500.579
Rate Rider for Application of Tax Change	per kW	-\$	0.0161	5,000	\$ (80.50)				5,000	\$	-		\$ 80.50	-100.00
Rate Rider for Accounts 1575 and 1576	per kW			5,000	\$ -		-\$	1.0816	5,000	\$	(5,408.00)	-:	\$ 5,408.00	
Rate Rider for Disposition of Global Adjustment Sub- Account(Applicable only for Non-RPP Customers)	per kW	\$	1.4915	5,000	\$ 7,457.50		-\$	1.6739	5,000	\$	(8,369.50)	-:	\$ 15,827.00	-212.239
Low Voltage Service Charge	per kW	\$	0.0228	5.000	\$ 114.00		\$	0.0447	5,000	Ś	223.50	- 1:	\$ 109.50	96.059
Line Losses on Cost of Power	per kWh	Ś	0.0880	51480	\$ 4,530.24		\$	0.0922	60300	Ś	5,558.21	- 1:	\$ 1,027.97	22.699
Smart Meter Entity Charge	Monthly	\$	0.79	0	\$ -		\$	0.79	0	\$	-		\$ -	
Sub-Total B - Distribution (includes Sub-Total A)					\$ 29,679.49					\$	8,339.91	-	\$ 21,339.58	-71.909
RTSR - Network	per kW	\$	2.6676	5143	\$ 13,719.47		\$	2.7303	5168	\$	14,109.03		\$ 389.56	2.849
RTSR - Line and Transformation Connection	per kW	\$	1.6295	5143	\$ 8,380.52		\$	1.7439	5168	\$	9,011.74		\$ 631.22	7.539
Sub-Total C - Delivery (including Sub-Total B)					\$ 51,779.48	1 i				\$	31,460.68	-	\$ 20,318.80	-39.24
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	1851480	\$ 8,146.51		\$	0.0044	1860300	\$	8,185.32		38.81	0.489
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	1851480	\$ 2,221.78		\$	0.0012	1860300	\$	2,232.36		\$ 10.58	0.489
Standard Supply Service Charge	Monthly	\$	0.25	1	\$ 0.25		\$	0.25	1	\$	0.25		\$ -	0.009
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	1800000	\$ 12,600.00		\$	0.0070	1800000	\$	12,600.00		\$ -	0.009
COP Spot Price	per kWh	\$	0.0799	1800000	\$ 143,820.00		\$	0.0799	1800000	\$	143,820.00		\$ -	0.009
Total Bill on RPP (before Taxes)		_			\$ 218,568.01					\$	198,298.61	T-	\$ 20,269.40	-9.27
HST			13%		\$ 28,413.84			13%		\$			\$ 2,635.02	-9.27
Total Bill (including HST)		1			\$ 246,981.86						224,077.43		\$ 22,904.43	-9.27
Ontario Clean Energy Benefit 1		1			-\$ 24,698.19					-\$	22,407.74		\$ 2,290.45	-9.279
Total Bill on RPP (including OCEB)					\$ 222,283.67					\$	201,669.69	-	\$ 20,613.98	-9.27
		_												
Loss Factor (%)			2.86%					3.35%						

<sup>&</sup>lt;sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility

Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. e Number: EB-2013-0116 File Number: Exhibit: 8-5 Appendix: 1 of 1 Page: Sheet 17 - LU (25,000kW) Sheet: October 1, 2013 Filed:

## Appendix 2-W **Bill Impacts**

Customer Class: Large Use TOU / non-TOU: non-TOU

> Consumption 13,000,000 kWh 25,000 kW

			Curre	nt Board-A	рр	roved				Propose	d			Impa	act
			Rate	Volume		Charge			Rate	Volume		Charge			
	Charge Unit		(\$)			(\$)			(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	7,785.09	1	\$	7,785.09		\$	8,998.17	1	\$	8,998.17	\$	1,213.08	15.58%
Distribution Volumetric Rate	per kW	\$	2.1619	25,000	\$	54,047.50		\$	2.4988	25,000	\$	62,470.00	\$	8,422.50	15.58%
Sub-Total A (excluding pass through)					\$	61,832.59					\$	71,468.17	\$	9,635.58	15.58%
Deferral/Variance Account Disposition Rate Rider	per kW	\$	0.1616	25,000	\$	4,040.00		-\$	0.6076	25,000	\$	(15,190.00)	-\$	19,230.00	-475.99%
Rate Rider for Application of Tax Change	per kW	-\$	0.0118	25,000	\$	(295.00)				25,000	\$	-	\$	295.00	-100.00%
Rate Rider for Accounts 1575 and 1576	per kW			25,000	\$	-		-\$	1.2371	25,000	\$	(30,927.50)	-\$	30,927.50	
Rate Rider for Disposition of Global Adjustment Sub- Account(Applicable only for Non-RPP Customers)	per kW	\$	1.7060	25,000	\$	42,650.00		-\$	1.9146	25,000	\$	(47,865.00)	-\$	90,515.00	-212.23%
Low Voltage Service Charge	per kW	\$	0.0232	25,000	\$	580.00		\$	0.0447	25,000	\$	1,117.50	\$	537.50	92.67%
Line Losses on Cost of Power	per kWh	\$	0.0880	3900	\$	343.20		\$	0.0922	133900	\$	12,342.37	\$	11,999.17	3496.26%
Smart Meter Entity Charge	Monthly	\$	0.79	0	\$	-		\$	0.79	0	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-Total A)					\$	109,150.79					-\$	9,054.46	-\$	118,205.25	-108.30%
RTSR - Network	per kW	\$	2.5279	25008	\$	63,216.46		\$	2.5874	25258	\$	65,350.09	\$	2,133.63	3.38%
RTSR - Line and Transformation Connection	per kW	\$	1.6586	25008	\$	41,477.44		\$	1.7751	25258	\$	44,833.82	\$	3,356.38	8.09%
Sub-Total C - Delivery (including Sub-Total B)					\$	213,844.69					\$	101,129.44	-\$	112,715.25	-52.71%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	13003900	\$	57,217.16		\$	0.0044	13133900	\$	57,789.16	\$	572.00	1.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	13003900	\$	15,604.68		\$	0.0012	13133900	\$	15,760.68	\$	156.00	1.00%
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25		\$	0.25	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	13000000	\$	91,000.00		\$	0.0070	13000000	\$	91,000.00	\$	-	0.00%
COP Spot Price	per kWh	\$	0.0799	13000000	\$	1,038,700.00		\$	0.0799	13000000	\$	1,038,700.00	\$	-	0.00%
Total Bill on RPP (before Taxes)		П			\$	1.416.366.78					\$	1.304.379.53	-9	111.987.25	-7.91%
HST			13%		\$	184,127.68			13%		\$	169,569.34	-\$	14,558.34	-7.91%
Total Bill (including HST)					\$	1,600,494.46					\$	1,473,948.87		126,545.59	-7.91%
Ontario Clean Energy Benefit 1					-\$	160,049.45					-\$	147,394.89		12,654.56	-7.91%
Total Bill on RPP (including OCEB)					\$	1,440,445.01					\$	1,326,553.98	-\$	113,891.03	-7.91%
							_								
Loss Factor (%)			0.03%				Į		1.03%						

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility

Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: 8 Appendix: Page: 8-5 1 of 1 Sheet 18 - ST (1kW) Sheet:

October 1, 2013 Filed:

## Appendix 2-W Bill Impacts

Customer Class: Street Lighting

TOU / non-TOU: non-TOU

Consumption	150	kWh	1	k٧

			Curre	nt Board-A	ıqq	roved	Proposed  Rate Volume Char		Propose	d		Γ	Imp	act	
			Rate	Volume		Charge	ſ			Volume		Charge	Γ		
	Charge Unit		(\$)			(\$)	L		(\$)			(\$)	L	\$ Change	% Change
Monthly Service Charge	Monthly	\$	2.04	1	\$	2.04		\$	2.75	1	\$	2.75		\$ 0.71	34.609
Distribution Volumetric Rate	per kW	\$	13.0110	1	\$	13.01		\$	17.5126	1	\$	17.51	L	\$ 4.50	34.609
Sub-Total A (excluding pass through)					\$	15.05					\$	20.26	L	\$ 5.21	34.60%
Deferral/Variance Account Disposition Rate Rider	per kW	\$	0.1229	1	\$	0.12		\$	0.1717	1	\$	0.17		\$ 0.05	39.719
Rate Rider for Application of Tax Change	per kW	-\$	0.1105	1	\$	(0.11)				1	\$	-		\$ 0.11	-100.009
Rate Rider for Accounts 1575 and 1576	per kW			1	\$	-		-\$	0.9407	1	\$	(0.94)	-	\$ 0.94	
Rate Rider for Disposition of Global Adjustment Sub- Account(Applicable only for Non-RPP Customers)	per kW	\$	1.2972	1	\$	1.30		-\$	1.4559	1	\$	(1.46)	-	\$ 2.75	-212.239
Low Voltage Service Charge	per kW	\$	0.0146	1	\$	0.01		\$	0.0287	1	\$	0.03		\$ 0.01	96.589
Line Losses on Cost of Power	per kWh	\$	0.0750	4.29	\$	0.32		\$	0.0922	5.025	\$	0.46		\$ 0.14	43.969
Smart Meter Entity Charge	Monthly	\$	0.79	0	\$	-		\$	0.79	0	\$	-		\$ -	
Sub-Total B - Distribution (includes Sub-Total A)					\$	16.70					\$	18.53		\$ 1.83	10.95%
RTSR - Network	per kW	\$	1.7651	1	\$	1.82		\$	1.8066	1	\$	1.87		\$ 0.05	2.849
RTSR - Line and Transformation Connection	per kW	\$	1.0434	1	\$	1.07		\$	1.1167	1	\$	1.15		\$ 0.08	7.539
Sub-Total C - Delivery (including Sub-Total B)					4	19.59					\$	21.55		\$ 1.96	10.01%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	154	\$	0.68		\$	0.0044	155	\$	0.68		\$ 0.00	0.489
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	154	\$	0.19		\$	0.0012	155	\$	0.19		\$ 0.00	0.489
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25		\$	0.25	1	\$	0.25		\$ -	0.009
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	150	\$	1.05		\$	0.0070	150	\$	1.05		\$ -	0.009
COP Spot Price	per kWh	\$	0.0799	150	\$	11.99		\$	0.0799	150	\$	11.99		\$ -	0.009
Total Bill on RPP (before Taxes) HST Total Bill (including HST)			13%		<b>\$</b> \$ \$	<b>33.73</b> 4.39 38.12			13%		<b>\$</b> \$ \$	<b>35.70</b> 4.64 40.34		\$ 1.96 \$ 0.26 \$ 2.22	5.829
Ontario Clean Energy Benefit 1					-\$	3.81					-\$	4.03	4	\$ 0.22	5.779
Total Bill on RPP (including OCEB)					\$	34.31					\$	36.31		\$ 2.00	5.83%

3.35%

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced

2.86%

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000 GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility

Loss Factor (%)

Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116 Exhibit: 8 8-5 Appendix: 1 of 1 Page: Sheet: Sheet 19 - USL (150kWh)

> October 1, 2013 Filed:

## Appendix 2-W Bill Impacts

Customer Class: Unmetered Scattered Load

TOU / non-TOU: non-TOU

150 kWh Consumption

			Curre	nt Board-A	ppr	oved			Proposed	t		Γ	Impa	act
			Rate	Volume		Charge		Rate	Volume		Charge	Π		
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	7.07	1	\$	7.07	\$	6.39	1	\$	6.39	-:	\$ 0.68	-9.64
Distribution Volumetric Rate	per kWh	\$	0.0151	150	\$	2.27	\$	0.0136	150	\$	2.04	-:	\$ 0.23	-9.939
Sub-Total A (excluding pass through)					\$	9.34				\$	8.43	- 3	\$ 0.91	-9.719
Deferral/Variance Account Disposition Rate Rider	per kWh	\$	0.0003	150	\$	0.05	-\$	0.0001	150	\$	(0.02)	- 3	\$ 0.06	-133.339
Rate Rider for Application of Tax Change	per kWh	-\$	0.0002	150	\$	(0.03)			150	\$	-	- 1:	\$ 0.03	-100.009
Rate Rider for Accounts 1575 and 1576	per kWh			150	\$	-	-\$	0.0024	150	\$	(0.36)	-3	\$ 0.36	
Rate Rider for Disposition of Global Adjustment Sub- Account(Applicable only for Non-RPP Customers)	per kWh	\$	0.0033	150	\$	0.50	-\$	0.0037	150	\$	(0.56)	-9	\$ 1.05	-212.129
Low Voltage Service Charge	per kWh	\$	-	150	\$	-	\$	0.0001	150	\$	0.02	- 1:	\$ 0.02	
Line Losses on Cost of Power	per kWh	\$	0.0750	4.29	\$	0.32	\$	0.0922	5.025	\$	0.46	- 1:	\$ 0.14	43.969
Smart Meter Entity Charge	Monthly	\$	0.79	0	\$	-	\$	0.79	0	\$	-	- 1:	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)					\$	10.17				\$	7.98	-:	2.19	-21.549
RTSR - Network	per kWh	\$	0.0054	154	\$	0.83	\$	0.0055	155	\$	0.86	- [	\$ 0.02	2.84
RTSR - Line and Transformation Connection	per kWh	\$	0.0034	154	\$	0.52	\$	0.0036	155	\$	0.56	- 1:	\$ 0.04	7.53
Sub-Total C - Delivery (including Sub-Total B)					4	11.52				\$	9.40	3	2.13	-18.46
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0044	154	\$	0.68	\$	0.0044	155	\$	0.68		\$ 0.00	0.48
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0012	154	\$	0.19	\$	0.0012	155	\$	0.19	- 1:	\$ 0.00	0.48
Standard Supply Service Charge	Monthly	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	- 1:	\$ -	0.00
Debt Retirement Charge (DRC)	per kWh	\$	0.0070	150	\$	1.05	\$	0.0070	150	\$	1.05	- 1:	\$ -	0.00
COP Spot Price	per kWh	\$	0.0799	150	\$	11.99	\$	0.0799	150	\$	11.99		\$ -	0.00
Total Bill on RPP (before Taxes)		П			\$	25.67	П			\$	23.55	1-3	\$ 2.12	-8.27
HST			13%		\$	3.34		13%		\$	3.06	-5		-8.27
Total Bill (including HST)					\$	29.01				\$	26.61	-5		-8.27
Ontario Clean Energy Benefit 1					-\$	2.90				-\$	2.66		0.24	-8.289
Total Bill on RPP (including OCEB)					\$	26.11				\$	23.95	-:	2.16	-8.27
Loss Factor (%)			2.86%					3.35%						

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act*, 2010.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000 GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000

GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Appendix 8-6 Page 1 of 1 Filed: October 1, 2013

APPENDIX 8-6 APPENDIX 2-Z PROPOSED TARIFF OF RATES AND CHARGES

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-6

 Page:
 1 of 8

 Filed:
 October 1,2013

## Appendix 2-Z Proposed Tariff of Rates and Charges

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 shaded cells under the correct class exactly as 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?

9

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

Rate Class Classification
RESIDENTIAL
GENERAL SERVICE LESS THAN 50 KW
GENERAL SERVICE 50 TO 999 KW
GENERAL SERVICE 1,000 TO 4,999 KW
LARGE USE
UNMETERED SCATTERED LOAD
STREET LIGHTING

EMBEDDED DISTRIBUTOR

microFIT

Once all blue shaded cells above are filled out, press the following button to create your tariff template

## Cambridge and North Dumfries Hydro Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2014

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

EB-2013-0116

## RESIDENTIAL SERVICE CLASSIFICATION

Residential refers to the supply of electrical energy to detached, semi-detached, and row-housing units (freehold or condominium). This classification typically refers to an account taking electricity at 750 volts or less where 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. Separate metered dwellings within a town house complex, condominium, or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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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 expecting bergin.

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It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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.

EB-2013-0116 File Number: Exhibit: Appendix: 8-6 2 of 8 Page:

October 1,2013

Filed:

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	13.32
Rate Rider for Recovery of Stranded Meter Assets – effective until April 30, 2015	\$	3.16
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0162
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kWh	(0.0007)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kWh	(0.0024)

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

#### **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account taking nelectricity at 750 volts or less whose average monthly peak 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

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#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	18.48
Rate Rider for Recovery of Stranded Meter Assets – effective until April 30, 2015	\$	10.96
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0129
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kWh	(0.0024)

## MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-6

 Page:
 3 of 8

Filed: October 1,2013

#### **GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION**

General Service refers to the supply of electrical energy to buisness customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	126.44
Distribution Volumetric Rate	\$/kW	4.2429
Low Voltage Service Rate	\$/kW	0.0570
Retail Transmission Rate - Network Service Rate	\$/kW	3.5950
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2221
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	(0.4591)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kW	(1.3982)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW	(0.9034)

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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File Number: EB-2013-0116 Exhibit: Appendix: 8-6 Page:

October 1,2013

Filed:

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	1,050.20
Distribution Volumetric Rate	\$/kW	3.6231
Low Voltage Service Rate	\$/kW	0.0447
Retail Transmission Rate - Network Service Rate	\$/kW	2.7303
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7439
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	(0.5660)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kW	(1.6739)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW	(1.0816)

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

#### LARGE USE SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand 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

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## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	8,998.17
Distribution Volumetric Rate	\$/kW	2.4988
Low Voltage Service Rate	\$/kW	0.0447
Retail Transmission Rate - Network Service Rate	\$/kW	2.5874
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7751
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	(0.6076)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kW	(1.9146)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW	(1.2371)

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

### **UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak 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. Ths customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-6

 Page:
 5 of 8

Filed: October 1,2013

#### APPLICATION

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

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#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6.3900
Distribution Volumetric Rate	\$/kWh	0.0136
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kWh	(0.0024)

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

#### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, 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

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#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.75
Distribution Volumetric Rate	\$/kW	17.5126
Low Voltage Service Rate	\$/kW	0.0287
Retail Transmission Rate - Network Service Rate	\$/kW	1.8066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1167
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	0.1717
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kW	(1.4559)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW	(0.9407)

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-6

 Page:
 6 of 8

October 1,2013

Filed:

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

#### **EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION**

This classification applies to an electricity distributor licenced 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

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#### **MONTHLY RATES AND CHARGES - Delivery Component**

Monthly Distribution Wheeling Service Rate - Waterloo North Hydro	\$/kW	1.0356
		0.0000
Monthly Distribution Wheeling Service Rate - Hydro One Networks	\$/kW	0.9699
Retail Transmission Rate - Network Service Rate	\$/kW	2.5874
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7751
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	0.0098

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
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

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## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$ 5.40

## **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.6000)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.0000)

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-6

 Page:
 7 of 8

Filed:

October 1,2013

## **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

Arrears certificate	\$ 15.00
Statement of Account	\$ 15.00
Pulling Post Dated Cheques	\$ 15.00
Duplicate Invoices for previous billing	\$ 15.00
Request for other billing information	\$ 15.00
Easement Letter	\$ 15.00
Income Tax Letter	\$ 15.00
Notification charge	\$ 15.00
Account History	\$ 15.00
Credit Reference/credit check (plus credit agency costs)	\$ 15.00
Returned cheque (plus bank charges)	\$ 15.00
Charge to certify cheque	\$ 30.00
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	%	1.5000
Late Payment – per annum	%	19.5600
Collection of account charge – no disconnection – during regular hours	\$	30.00
Collection of account charge – no disconnection – after regular hours	\$	165.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at pole – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00

Install/Remove load control device – during regular hours	\$ 65.00
Install/Remove load control device – after regular hours	\$ 185.00
Service call – customer owned equipment	\$ 30.00
Service call – after regular hours	\$ 165.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$ 22.35

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-6

 Page:
 8 of 8

 Filed:
 October 1,2013

#### **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.

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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.	0.5000
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.3000
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.3000)
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	
Total Loss Factor – Secondary Metered Customer > 5,000 kW	
Distribution Loss Factor - Primary Metered Customer < 5,000 kW	
Distribution Loss Factor - Primary Metered Customer > 5,000 kW	

1.0335 1.0103 1.0183 1.0103

Cambridge and North Dumfries Hydro Inc. EB-2013-0116 Exhibit 8 Appendix 8-7 Page 1 of 1 Filed: October 1, 2013

APPENDIX 8-7 2013 TARIFF OF RATES AND CHARGES WITH TRACK CHANGE

File Number: EB-2013-0116
Exhibit: 8
Appendix: 8-7
Page: 1 of 20
Sheet: Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

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 shaded 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. All rate rider descriptions should begin with "Rate Rider for...".

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?

ć

Select Your Rate Classes from the Blue Cells below.

## **Rate Class Classification**

**RESIDENTIAL** 

**GENERAL SERVICE LESS THAN 50 KW** 

**GENERAL SERVICE 50 TO 999 KW** 

**GENERAL SERVICE 1,000 TO 4,999 KW** 

**LARGE USE** 

**UNMETERED SCATTERED LOAD** 

STREET LIGHTING

**EMBEDDED DISTRIBUTOR** 

microFIT

Once all blue shaded cells above are filled out, press the following button to create your tariff template

File Number: EB-2013-0116
Exhibit: 8
Appendix: 8-7
Page: 2 of 20
Sheet: Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

# Cambridge and North Dumfries Hydro Inc. RESIDENTIAL SERVICE CLASSIFICATION

Residential refers to the supply of electrical energy to detached, semi-detached, and row-housing units (freehold or condominium). This classification typically refers to an account taking electricity at 750 volts or less where 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. Separate metered dwellings within a town house complex, condominium, or apartment building also qualify as residential customers. 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. In addition, the charges in the Monthly Rates and Charges - Regulatory Component of this schedule do not apply fo a customer that is an embedded

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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	\$	13.32
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0162
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 3 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

Patrill Township in Patrick and Township Constitution Constitution Constitution	Φ /I \ \ \ \ I \	0.0000
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039
Rate Rider for Recovery of Stranded Meter Assets - effective until April 30, 2015	\$	3.16
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kWh	(0.0007)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kWh	(0.0024)

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account takign electricity at 750 volts or less whose average monthly peak 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.

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 4 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

#### **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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Service Charge	\$	18.48
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0129
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Recovery of Stranded Meter Assets - effective until April 30, 2015	\$	10.96

File Number: EB-2013-0116
Exhibit: 8
Appendix: 8-7
Page: 5 of 20
Sheet: Sheet 1

Filed: October 1, 2013

#### **Appendix 2-Z**

Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kWh	(0.0024)

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

#### **GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION**

General Service refers to the supply of electrical energy to buisness customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 6 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## Appendix 2-Z

Service Charge	\$	126.44
Distribution Volumetric Rate	\$/kW	4.2429
Low Voltage Service Rate	\$/kW	0.0570
Retail Transmission Rate - Network Service Rate	\$/kW	3.5950
	\$/kW	2.2221
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	(0.4591)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015	\$/kW	(1.3982)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW	(0.9034)

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 7 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

### **Appendix 2-Z**

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate \$/kWh 0.0044

Rural Rate Protection Charge \$/kWh 0.0012

Standard Supply Service - Administrative Charge (if applicable) \$ 0.25

#### **GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION**

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW but less 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.

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Service Charge	\$	1,050.20
Distribution Volumetric Rate	\$/kW	3.6231
Low Voltage Service Rate	\$/kW	0.0447
Retail Transmission Rate - Network Service Rate	\$/kW	2.7303
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7439

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 8 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	(0.5660)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for	\$/kW	(1.6739)
Non-RPP Customers	ψ/ΚΨ	(1.0700)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW	(1.0816)

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## LARGE USE SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand 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.

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 9 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

#### **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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Service Charge	\$	8,998.17
Distribution Volumetric Rate	\$/kW	2.4988
Low Voltage Service Rate	\$/kW	0.0447
Detail Terrenciation Data Natural Contine Data	Φ /I-\A/	0.5074
Retail Transmission Rate - Network Service Rate	\$/kW	2.5874
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7751

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 10 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	(0.6076)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kW	(1.9146)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW	(1.2371)

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate\$/kWh0.0044Rural Rate Protection Charge\$/kWh0.0012Standard Supply Service - Administrative Charge (if applicable)\$0.25

#### **UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak 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. Ths customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 11 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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.

Service Charge (per connection)	\$	6.39
Distribution Volumetric Rate	\$/kWh	0.0136
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036
Low Voltage Service Rate	\$/kWh	0.0001
•		
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kWh	(0.0024)

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 12 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

### **Appendix 2-Z**

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate\$/kWh0.0044Rural Rate Protection Charge\$/kWh0.0012Standard Supply Service - Administrative Charge (if applicable)\$0.25

#### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, 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**

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Service Charge (per connection)	\$	2.75
Distribution Volumetric Rate	\$/kW	17.5126
Low Voltage Service Rate	\$/kW	0.0287
Retail Transmission Rate - Network Service Rate	\$/kW	1.8066

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 13 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1167
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	0.1717
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until April 30, 2015	\$/kW	(1.4559)
Rate Rider for Recovery of Accounts 1575 & 1576	\$/kW	(0.9407)

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate\$/kWh0.0044Rural Rate Protection Charge\$/kWh0.0012Standard Supply Service - Administrative Charge (if applicable)\$0.25

#### EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licenced 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.

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 14 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

#### **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 Distribution Wheeling Service Rate - Waterloo North Hydro	\$/kW	1.0356
Monthly Distribution Wheeling Service Rate - Hydro One Networks	\$/kW	0.9699
Retail Transmission Rate - Network Service Rate	\$/kW	2.5874
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7751

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 15 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2015	\$/kW	0.0098

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
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.

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 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 16 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## Appendix 2-Z

Service Charge	\$ 5.40

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 17 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

#### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate

Rural Rate Protection Charge

Standard Supply Service - Administrative Charge (if applicable)

#### **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

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be

#### **Customer Administration**

Arrears certificate	\$ 15.00
Statement of Account	\$ 15.00
Pulling Post Dated Cheques	\$ 15.00
Duplicate Invoices for previous billing	\$ 15.00
Request for other billing information	\$ 15.00
Easement Letter	\$ 15.00
Income Tax Letter	\$ 15.00
Notification charge	\$ 15.00
Account History	\$ 15.00
Credit Reference/credit check (plus credit agency costs)	\$ 15.00
Returned cheque (plus bank charges)	\$ 15.00
Charge to certify cheque	\$ 15.00
Legal letter charge	\$ 15.00

# Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 18 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## Appendix 2-Z

Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$ 30.00
Special meter reads	\$ 30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$ 30.00

#### **Non-Payment of Account**

Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection – during regular hours	\$	30.00
Collection of account charge – no disconnection – after regular hours	\$	165.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00

# Cambridge and North Dumfries Hydro Inc. File Number: EB-2013-0116

 File Number:
 EB-2013-0116

 Exhibit:
 8

 Appendix:
 8-7

 Page:
 19 of 20

 Sheet:
 Sheet 1

Filed: October 1, 2013

## Appendix 2-Z

Install/Remove load control device – during regular hours	\$ 65.00
Install/Remove load control device – after regular hours	
	\$ 185.00
Service call – customer owned equipment	\$ 30.00
Service call – after regular hours	\$ 165.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$ 22.35

File Number: EB-2013-0116
Exhibit: 8
Appendix: 8-7
Page: 20 of 20
Sheet: Sheet 1

Filed: October 1, 2013

## **Appendix 2-Z**

## **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

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be

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

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

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0335
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0103
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0183
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0103