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October 29, 2010

Delivered By Courier and RESS

Ontario Energy Board P.O. Box 2319 27<sup>th</sup> Floor 2300 Yonge Street Toronto, ON M4P 1E4

Attention: Kirsten Walli Board Secretary

### Re: Haldimand County Hydro Inc. 2011 Incentive Regulation Mechanism Electricity Distribution Rate Application (EB-2010-0086)

Dear Ms. Walli:

Haldimand County Hydro Inc. hereby submits its 2011 Incentive Regulation Mechanism Electricity Distribution Rate Application ("2011 IRM3 Application") for distribution rates and other charges to be effective May 1, 2011.

This 2011 IRM3 Application is filed in accordance with the Ontario Energy Board's (the "Board's") "*Filing Requirements for Transmission and Distribution Applications*", including the update to Chapter 3 issued July 9, 2010.

Two hard copies of the 2011 IRM3 Application are now enclosed. An electronic copy of the application in PDF format and the associated models in Excel format will be submitted through the Board's *Regulatory Electronic Submission System* ("RESS").

This 2011 IRM3 Application is respectfully submitted for the Board's consideration.

### Yours truly, HALDIMAND COUNTY HYDRO INC.

Original signed by

Jacqueline A. Scott Finance Manager **IN THE MATTER OF** the Ontario Energy Board Act, 1998, being Schedule B to the Energy Competition Act, 1998, S.O. 1998, c.15;

**AND IN THE MATTER OF** an Application by Haldimand County Hydro Inc. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity as of May 1, 2011.

Title of Proceeding:	An application by Haldimand County Hydro Inc. for an
	Order or Orders approving or fixing just and
	reasonable distribution rates and other charges,
	effective May 1, 2011.

# Applicant's Name: Haldimand County Hydro Inc.

 

 Applicant's Address for Service:
 1 Greendale Drive Caledonia, Ontario N3W 2J3

 Attention:
 Mr. Lloyd E. Payne, President & CEO

 Telephone:
 905-765-5344

 Fax:
 905-765-5316

 E-mail:
 Ipayne@hchydro.ca

# MANAGER'S SUMMARY

# 1. Background

- (a) The Applicant is Haldimand County Hydro Inc. (referred to in this Application as the "Applicant" or "HCHI"). HCHI is a corporation incorporated pursuant to the Ontario *Business Corporations Act* with its head office in the Town of Caledonia, ON. HCHI owns and operates the electricity distribution system in its licensed service area in Haldimand County, serving approximately 21,019 Residential, General Service, Street Lighting, Sentinel Lighting and Unmetered Scattered Load customers and one Embedded Distributor as at September 30, 2010.
- (b) HCHI is supplied electricity from Hydro One Networks Inc. ("HONI") through three HONI-owned transformer stations ("TS"), or delivery points, that are registered in the IESO-controlled grid. The feeders connected to each of the transformer stations are of mixed ownership between HONI and HCHI. Each transformer station supplies electricity to customers that are not part of the HCHI service territory. These situations result in scenarios where HCHI is embedded to HONI, and HONI is embedded to HCHI.
- (c) HCHI filed a comprehensive Cost of Service ("COS") rate application (EB-2009-0265) with the Ontario Energy Board (the "Board") with approved rates effective May 1, 2010. Accordingly, this is HCHI's first opportunity to make application for annual rate adjustments under the 3<sup>rd</sup> Generation Incentive Regulation Mechanism ("IRM3") for rates effective May 1, 2011.
- (d) The Board, in its letter dated August 20, 2010, directed HCHI to file its 2011 IRM3 rate application by October 29, 2010, and assigned file number EB-2010-0086.

- (e) HCHI's application has been informed by, and prepared in accordance with, the following documents:
  - (i) Chapter 3 of the Board's *Filing Requirements for Transmission and Distribution Applications* (the "Filing Requirements") updated July 9, 2010;
  - (ii) Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors July 14, 2008;
  - Supplemental Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors – September 17, 2008;
  - (iv) Addendum to the Supplemental Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors – January 28, 2009;
  - (v) *Guideline (G-2008-0001) on Retail Transmission Service Rates* Revision 2.0 July 8, 2010; and
  - (vi) Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative ("EDDVAR") July 31, 2009.
- (f) To assist in this rate application, HCHI has utilized the electronic models prepared by Board staff, attached as Appendices A – G, as follows:
  - (i) **Appendix A**: 2011 IRM3 Rate Generator;
  - (ii) Appendix B: 2011 IRM3 Revenue Cost Ratio Adjustment Work Form
  - (iii) Appendix C: 2011 IRM3 Shared Tax Savings Work Form;
  - (iv) Appendix D and Appendix E: 2011 IRM3 Deferral and Variance Account Work Form; and
  - (v) **Appendix F and Appendix G**: 2011 IRM3 RTSR Adjustment Work Form.

# 2. Rate Classes

(a) HCHI is not requesting any changes to rate classes as approved by the Board in its 2010 COS rate application (EB-2009-0265). Similarly, any rate adder and rate rider calculations are determined by dividing the Board-approved allocated amounts by the Board-approved forecast energy use (i.e. 347 GWh) and demand (i.e. 305 MW).

# 3. Rate Adjustments

# (a) <u>Price Cap Adjustment</u>

HCHI has applied a price cap adjustment of 0.18% to its base distribution rates, using the following default rates:

Price Escalator (GDP-IPI)	1.3 %
Less Productivity Factor	(0.72)%
Less Stretch Factor	(0.4 ) %
Price Cap Index	0.18 %

HCHI understands that the Board will update the GDP-IPI when Statistics Canada publishes the revised data in February 2011. HCHI further understands that, while the productivity factor will remain fixed throughout the IRM3 plan, the stretch factor will be updated once the Board has determined the revised groupings per their benchmarking exercise for 2009 data – all of which will be reflected in the Board's Decision and Order. The price cap adjustment has been applied to the Service Charge and Distribution Volumetric Rate.

The price cap adjustment has not been applied to the Rate Adders, Rate Riders, Low Voltage Service Charges, Retail Transmission Service Rates, the Wholesale Market Service Rate, the Rural Rate Protection Charge, the Standard Supply Service – Administrative Charge, microFIT Service Charge, Specific Service Charges, Allowances, Retail Service Charges or Loss Factors.

# (b) <u>Revenue-to-Cost Ratio Adjustment</u>

Pursuant to EB-2009-0265, the Board prescribed a phased-in period to adjust the revenue-to-cost ratios to within Board policy ranges. In particular, the Sentinel Lighting and Street Lighting rate classes were under contributing and the Board directed that each of these rate classes move towards the bottom end of the policy range of 70% equally in one-half increments in the 2010 and 2011 rate years, as reflected in the following Table 1.

Rate Class	2010	2011
Residential	99.86%	99.86%
General Service Less than 50 kW	101.78%	101.78%
General Service 50 to 4,999 kW	124.64%	112.88%
Sentinel Lighting	43.09%	70.00%
Street Lighting	46.20%	70.00%
Unmetered Scattered Load	80.81%	80.81%
Embedded Distributor - Hydro One	100.00%	100.00%

Table 1:	<b>Revenue-to-Cost Ratios</b>
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The Revenue Cost Ratio Adjustment Work Form model (*Appendix B*) incorporates these Sentinel Lighting and Street Lighting revenue to cost ratio adjustments. The beneficiary of these revenue adjustments is the General Service 50 to 4,999 kW rate class – applied to the distribution volumetric rate component only; that is, the base service charge component remains at the current Board-approved ceiling level. The 2011 IRM3 Rate Generator model (*Appendix A*) has been revised with the assistance of Board staff to accommodate this target rate – specifically, refer to Sheets H.1 and H.2 "Rationalization of Rates" – to incorporate this final one-half incremental revenue-to-cost ratio adjustment to base distribution rates before the application of the price cap adjustment.

# (c) <u>Fixed / Variable Revenue Ratio Adjustment</u>

In its 2010 COS rate application, HCHI proposed to change the fixed/variable ratio of the distribution revenue attributable to the Residential rate class from the existing 32% fixed / 68% variable to 53% fixed / 47% variable in the 2010 rate year. During the settlement conference, the parties agreed that for the 2010 rate year, the existing fixed/variable ratio would apply, with the increase to the proposed fixed/variable ratio to occur equally in increments of 5% over each of the subsequent three rate years, resulting in a 47% fixed / 53 % variable ratio in 2013 as reflected in the following Table 2.

	2010	2011	2012	2013
Fixed	32.14%	37.00%	42.00%	47.00%
Variable	67.86%	63.00%	58.00%	53.00%

The 2011 IRM3 Rate Generator model has been revised, with the assistance of Board staff, to accommodate this revenue adjustment – specifically, refer to Sheets H.1 and H.2 "Rationalization of Rates" – to incorporate this first of three year incremental fixed/variable revenue ratio adjustment.

# (d) <u>Shared Tax Savings Adjustment</u>

In its September 17, 2008 *Supplemental Report*, the Board has determined that a 50/50 sharing of the impact of the currently known legislated tax changes, other than that related to the implementation of the Harmonized Sales Tax, as applied to the tax level reflected in the Board-approved base rates for a distributor, is appropriate.

These tax changes are in relation to a Z-factor claim, and accordingly a materiality threshold must be met for potential recovery/refund. For HCHI, this is 0.5% of distribution revenue requirement, or \$68,678, calculated as \$13,735,891 @ 0.5%.

Using the Shared Tax Savings Work Form model (*Appendix C*), revised with the assistance of Board staff to reflect HCHI's Board-approved 2010 "Total Tax Related Amounts" of \$700,243, HCHI calculates this similar amount in 2011 to be \$629,151 – resulting in a tax savings of \$71,092. HCHI calculates its 50% sharing of these tax savings in 2011 at \$35,546. Since the materiality threshold of \$68,678 is not met, this sharing of tax savings amount is not being proposed as a rate rider refund; alternatively, HCHI is proposing to transfer the credit of \$35,546 into account 1595 "Disposition and Recovery of Regulatory Balances", effective May 1, 2011, for disposition in a future rate application.

The following Table 3 provides HCHI's incremental tax savings for 2011.

		2010		2011
Capital Tax				
Taxable Capital	\$	40,215,213	\$	40,215,213
Deduction from taxable capital up to \$15,000,000	\$	15,000,000	\$	15,000,000
Net Taxable Capital	\$	25,215,213	\$	25,215,213
Capital Tax Rate		0.150%		0.000%
Ontario Capital Tax (Deductibe, not grossed-up)	\$	18,756	\$	-
Income Tax				
Regulatory Taxable Income	\$	1,755,065	\$	1,755,065
Income Tax Rate		29.79%		28.25%
Income Tax	\$	522,820	\$	495,771
Other Tax Credits	\$	44,342	\$	44,342
Net Income Tax	\$	478,478	\$	451,429
Grossed-up Income Tax	\$	681,487	\$	629,151
	_		•	
Capital Tax	\$	18,756	\$	-
Income Tax (grossed up)	\$	681,487	\$	629,151
Total Tax	\$	700,243	\$	629,151
Incremental Tax Savings			\$	(71,092)
50% Sharing of Tax Savings			\$	(35,546)

# Table 3: Z-Factor Tax Changes – Incremental Tax Savings

# (e) <u>Smart Meter Funding Adder</u>

Pursuant to EB-2009-0265, HCHI is requesting continuation of its Boardapproved Smart Meter Funding Adder of \$1.87 per metered customer per month.

# (f) Lost Revenue Adjustment Mechanism and Shared Savings Mechanism

Pursuant to EB-2009-0265, the existing Board-approved Rate Riders for Lost Revenue Adjustment Mechanism ("LRAM") / Shared Savings Mechanism ("SSM") have a sunset date of April 30, 2011. These rate riders were designed to recover lost revenue in 2006 through 2009 attributable to conservation and demand management programs implemented in 2005 through 2007. Accordingly, HCHI is not requesting any further adjustment with respect to these rate riders.

# (g) Deferral and Variance Accounts

Pursuant to EB-2009-0265, the existing Board-approved Rate Riders for Deferral/Variance Account Disposition have a sunset date of April 30, 2011. These rate riders were designed to refund certain of the deferral and variance account balances as of December 31, 2008, including interest projected through 2010, totalling \$(225,476).

The Board's *EDDVAR Report* provides that during the IRM plan term, the distributor's Group 1 audited account balances will be reviewed and disposed if the preset disposition threshold of \$0.001 per kWh (debit or credit) is exceeded. The *EDDVAR Report* states that the disposition period to clear the Group 1 account balances by means of a rate rider should be one year.

HCHI's review of the Group 1 audited account balances included: (i) Low Voltage; (ii) Wholesale Market Service Charge; (iii) Retail Transmission Network Charge; (iv) Retail Transmission Connection Charge; and (v) Power, including Global Adjustment sub-account. It was determined that these account balances as of December 31, 2009, including interest projected through 2011, totalling \$(534,814) collectively exceed the disposition threshold and are being claimed for disposition over a one-year rate period effective May 1, 2011. HCHI accounts for the retail settlement variances specific to its Embedded Distributor – Hydro One Networks Inc. ("HONI") separately from the retail settlement variances on account of its regular rate classes. Accordingly, HCHI was required to use two Deferral and Variance Account Work Form models (*Appendix D and Appendix E*) to report separately the account balances and calculate the associated

rate riders between its regular rate classes and the embedded distributor rate class. The following Table 4 summarizes the deferral and variance account balances being requested for disposition, and Table 5 provides the threshold test. Table 6 summarizes the rate rider calculations.

		Al	Rate Class	es		Emb	edde	d Distrib	utor	r-			T	DTAL		
		Excluding	Embedded I	Distributor		Hydro	One	Network	ks li	nc.		All	Rat	e Classe	es	
Deferral and Variance Account	Account	Principal	Interest	Total Claim		Principal	In	terest	To	otal Claim		Principal	In	terest	Total C	lain
	No.	as at	Projected			as at	Pro	jected				as at	Pr	ojected		
		December	2010 and		D	ecember	201	10 and			0	December	20	10 and		
		31, 2009	2011		3	31, 2009	2	2011				31, 2009		2011		
Low Voltage	1550	\$ (170,793)	\$ (2,217)	\$ (173,010)	\$	-	\$	-	\$	-	\$	(170,793)	\$	(2,217)	\$(173,	,010
Wholesale Market Service Charge	1580	\$ (258,835)	\$ (3,434)	\$ (262,269)	\$	(28,315)	\$	(323)	\$	(28,638)	\$	(287,150)	\$	(3,757)	\$(290,	,907
Retail Transmission Network Charge	1584	\$ (39,183)	\$ (178)	\$ (39,361)	\$	210,418	\$	2,557	\$	212,975	\$	171,235	\$	2,379	\$ 173,	614
Retail Transmission Connection Charge	1586	\$ (83,098)	\$ (859)	\$ (83,957)	\$	152,108	\$	1,859	\$	153,967	\$	69,010	\$	1,000	\$70,	,010
Power (excluding Global Adjustment)	1588	\$ 47,279	\$ (144)	\$ 47,135	\$	(67,899)	\$	(815)	\$	(68,714)	\$	(20,620)	\$	(959)	\$ (21,	579
Power - Global Adjustment sub-account	1588	\$ (370,358)	\$ (5,078)	\$ (375,436)	\$	81,081	\$	1,413	\$	82,494	\$	(289,277)	\$	(3,665)	\$(292,	942
Recovery of Regulatory Asset Balances	1590	\$-	\$-	\$-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Total		\$ (874,988)	\$ (11,910)	\$ (886,898)	\$	347,393	\$	4,691	\$	352,084	\$	(527,595)	\$	(7,219)	\$(534,	814

Table 4: Deferral and Variance Accounts – Request for Disposition

Table 5:	Deferral and	Variance	Accounts -	Threshold Test
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Rate Class	Billed kWh
Residential	171,936,412
General Service Less than 50 kW	61,801,919
General Service 50 to 4,999 kW	110,031,720
Sentinel Lighting	418,928
Street Lighting	2,328,757
Unmetered Scattered Load	482,264
Total kWh	347,000,000
Total Claim (Balances as of December 31, 2009)	\$ (886,898)
Total Claim per kWh	\$ (0.002556)
Rate Class	Billed kWh
Embedded Distributor - Hydro One Networks Inc.	83,184,875
Total Claim (Balances as of December 31, 2009)	\$ 352,084
Total Claim per kWh	\$ 0.004233

Deferral and Variance Account	Account No.	Total Claim	Residential	General Service Less than 50 kW	General Service 50 to 4999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Embedded Distributor - Hydro One Networks Inc.
Applicable to ALL Customers									
	4550	¢(472.040)	¢ (05 705)	¢ (20.014)	\$ (54.860)	¢ (200)	\$ (1.161)	¢ (240)	¢
Low Voltage	1550 1580	\$(173,010) \$(290,907)	\$ (85,725) \$ (129,953)	* (***,*** /	· (- ))	• ( • • • )	• ( ) • )	* ( •)	
Wholesale Market Service Charge Retail Transmission Network Charge	1580	\$ (290,907) \$ 173.614	\$ (129,953)	, ,	· (, - )	* (- )	* ( ) )	* (***)	\$ (28,637) \$ 212,975
Retail Transmission Connection Charge	1586	\$ 70,010	\$ (41,600)	. (, ,	. ( , ,		\$ (204)		\$ 153,967
Power (excluding Global Adjustment)	1588	\$ (21,579)	\$ 23,355	, , ,	\$ 14,946	,	\$ 316	• ( )	\$ (68,714
			. ,	. ,	. ,				,
Total to be recovered (refunded)		\$(241,872)	\$ (253,426)	\$ (91,093)	\$ (162,181)	\$ (618)	\$ (3,432)	\$ (711)	\$ 269,590
Billing Determinant			kWh	kWh	kW	kW	kW	kWh	kW
Volumetric Rate Rider			\$ (0.00147)	\$ (0.00147)	\$ (0.54396)	\$ (0.52912)	\$ (0.53011)	\$ (0.00147)	\$ 0.97343
Applicable to NON-RPP Customers Only									
Power - Global Adjustment sub-account	1588	\$(292,942)	\$ (37,534)	\$ (30,391)	\$ (271,141)	\$ (148)	\$ (6,221)	\$ -	\$ 82,494
Billing Determinant			kWh	kWh	kW	kW	kW	kWh	kW
Volumetric Rate Rider			\$ (0.00272)	\$ (0.00272)	\$ (1.00303)	\$ (0.97507)	\$ (0.97743)	\$-	\$ 0.29787
		\$(534,814)							

# Table 6: Deferral and Variance Accounts – Rate Rider Calculations

HCHI understands that the default prescribed interest rates currently in the model are subject to updates by the Board and that the Board will adjust the rate application models to incorporate these changes, if any.

# (h) <u>Retail Transmission Service Rates</u>

In accordance with the *Filing Requirements* and *G-2008-0001 Guideline*, Retail Transmission Service Rates ("RTSRs"), including both network and connection, have been adjusted based on a comparison of historical transmission costs and new Uniform Transmission Rates ("UTRs") levels and revenues generated from existing RTSRs.

HCHI understands that once the January 1, 2011 UTR adjustment is determined, the Board will adjust the rate application models to incorporate this change, if any.

Similar to the deferral and variance accounts, HCHI accounts for the RTSRs specific to its Embedded Distributor – Hydro One Networks Inc. ("HONI") separately from the RTSRs on account of its regular rate classes. Accordingly, HCHI was required to use two Retail Transmission Service Rate Work Form models (*Appendix F and Appendix G*) to calculate separately the historical transmission costs and UTRs levels and revenues generated from existing RTSRs, and the associated rate adjustments, between its regular rate classes and the embedded distributor rate class. The following Table 7 summarizes the RTSRs adjustments resulting from these models.

Retail Transmission Service Rate (RTSR) - NETWO	DRK			
Rate Class	Billing Determinant	Current RTSR	Proposed RTSR	Adjustment RTSR
Residential	kWh	\$ 0.0052	\$ 0.0059	\$ 0.0007
General Service Less than 50 kW	kWh	\$ 0.0047	\$ 0.0054	\$ 0.0007
General Service 50 to 4,999 kW	kW	\$ 1.9253	\$ 2.2015	\$ 0.2762
General Service 50 to 4,999 kW - Interval Metered	kW	\$ 2.0423	\$ 2.3353	\$ 0.2930
Sentinel Lighting	kW	\$ 1.4592	\$ 1.6686	\$ 0.2094
Street Lighting	kWh	\$ 1.4519	\$ 1.6602	\$ 0.2083
Unmetered Scattered Load	kWh	\$ 0.0047	\$ 0.0054	\$ 0.0007
Embedded Distributor - Hydro One Networks Inc.	kW	\$ 2.4907	\$ 2.8374	\$ 0.3467
Embedded Distributor - Hydro One Networks Inc. Retail Transmission Service Rate (RTSR) - CONNE	CTION	•		
i i i i i i i i i i i i i i i i i i i		\$ 2.4907 Current RTSR	\$ 2.8374 Proposed RTSR	\$ 0.3467 Adjustment RTSR
Retail Transmission Service Rate (RTSR) - CONNE	ECTION Billing	Current	Proposed	Adjustment
Retail Transmission Service Rate (RTSR) - CONNE Rate Class	CTION Billing Determinant	Current RTSR	Proposed RTSR	Adjustment RTSR
Retail Transmission Service Rate (RTSR) - CONNE Rate Class Residential	ECTION Billing Determinant kWh	Current RTSR \$ 0.0046	Proposed RTSR \$ 0.0050	Adjustment RTSR \$ 0.0004
Retail Transmission Service Rate (RTSR) - CONNE Rate Class Residential General Service Less than 50 kW	ECTION Billing Determinant kWh kWh	Current RTSR \$ 0.0046 \$ 0.0042	Proposed RTSR \$ 0.0050 \$ 0.0045	Adjustment RTSR \$ 0.0004 \$ 0.0003
Retail Transmission Service Rate (RTSR) - CONNE Rate Class Residential General Service Less than 50 kW General Service 50 to 4,999 kW	ECTION Billing Determinant kWh kWh kW	Current RTSR \$ 0.0046 \$ 0.0042 \$ 1.6749	Proposed RTSR \$ 0.0050 \$ 0.0045 \$ 1.8092	Adjustment RTSR \$ 0.0004 \$ 0.0003 \$ 0.1343
Retail Transmission Service Rate (RTSR) - CONNE Rate Class Residential General Service Less than 50 kW General Service 50 to 4,999 kW General Service 50 to 4,999 kW - Interval Metered	ECTION Billing Determinant kWh kWh kW kW	Current RTSR \$ 0.0046 \$ 0.0042 \$ 1.6749 \$ 1.8512	Proposed RTSR \$ 0.0050 \$ 0.0045 \$ 1.8092 \$ 1.9997	Adjustment RTSR \$ 0.0004 \$ 0.0003 \$ 0.1343 \$ 0.1485
Retail Transmission Service Rate (RTSR) - CONNE Rate Class Residential General Service Less than 50 kW General Service 50 to 4,999 kW General Service 50 to 4,999 kW - Interval Metered Sentinel Lighting	ECTION Billing Determinant kWh kWh kW kW kW	Current RTSR           \$         0.0046           \$         0.0042           \$         1.6749           \$         1.8512           \$         1.3220	Proposed RTSR \$ 0.0050 \$ 0.0045 \$ 1.8092 \$ 1.9997 \$ 1.4280	Adjustment RTSR \$ 0.0004 \$ 0.0003 \$ 0.1343 \$ 0.1485 \$ 0.1060

# Table 7: Retail Transmission Service Rates Adjustments

# 4. Current and Proposed Tariff of Rates and Charges

- (a) A copy of the current Tariff of Rates and Charges, with Board-approved rates effective May 1, 2010, is attached as *Appendix H*.
- (b) A copy of the facsimile tariff sheet generated by the Rate Generator model, with applied-for rates effective May 1, 2011, is attached as *Appendix I*.

# 5. Bill Impacts

(a) The Rate Generator model includes a bill impact analysis by rate class and produces total bill impacts excluding any changes to the Debt Retirement Charge, Special Purpose Charge and the Regulated Price Plan. These generated bill impacts at Board staff pre-determined consumption and demand levels are included within *Appendix A*. The following Table 8 summarizes the total monthly bill impact of the appliedfor rates at consumption and demand levels reflective of HCHI customers.

Rate Class	kWh	kW	т	otal Bill 2010 (\$)	т	otal Bill 2011 (\$)	Total Bill Impact (%)
Residential	800		\$	136	\$	135	(0.7)%
General Service Less than 50 kW	2,000		\$	305	\$	307	0.5 %
General Service 50 to 4,999 kW	50,000	75	\$	6,181	\$	6,158	(0.4)%
General Service 50 to 4,999 kW - Interval	500,000	1,000	\$	63,604	\$	63,321	(0.4)%
Unmetered Scattered Load	500		\$	77	\$	78	1.1%
Sentinel Lighting (1 connection)	77	0.21	\$	20	\$	31	50.0%
Street Lighting (2,845 connections)	200,000	535	\$	40,199	\$	52,356	30.2%
Embedded Distributor - Hydro One Networks Inc.	6,107,000	15,650	\$	724,361	\$	750,474	3.6%

Table 8:	Total Bil	I Impacts
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- (b) HCHI understands that for the Board's Notice of Application and other public communication purposes, the bill impacts used will be based on the "Delivery" component as shown on a Standardized Bill for a residential customer using 800 kWh per month and a General Service Less than 50 kW customer using 2,000 kWh per month. At the applied-for rates, the bill impact on the "Delivery" component of these rate classes is as follows:
  - Residential (800 kWh) (1.7)%
  - General Service Less than 50 kW (2,000 kWh) 1.6 %

# 6. Recovery of Late Payment Penalty Class Action Litigation and Settlement Costs

(a) HCHI is including a request that the Board initiate a generic proceeding to address prudence and define the recovery method to be utilized starting in 2011 for the late payment penalty class action litigation and settlement costs, amounts for which would actually be paid by distributors, including HCHI, in mid-2011.

HCHI's request is included for consideration as part of its IRM3 Rate Application and attached as *Appendix J*.

Haldimand County Hydro Inc. EB-2010-0086 APPENDIX A

# APPENDIX A

# 2011 IRM3 Rate Generator Model



Name of LDC: File Number: Effective Date: Version : 2.0

Haldimand County Hydro Inc. EB-2010-0086 May 1, 2011

# **LDC** Information

Applicant Name	Haldimand County Hydro Inc.
Application Type	IRM3
<b>OEB Application Number</b>	EB-2010-0086
Tariff Effective Date	May 1, 2011
LDC Licence Number	ED-2002-0539
Notice Publication Language	English
DRC Rate	0.00700
Customer Bills	12 per year
Distribution Demand Bill Determinant	kW
Stretch Factor Group	II
Stretch Factor Value	0.4%
Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0265
Special Purpose Charge - Current	Yes
Special Purpose Charge - Applied	Yes
<b>Application Contact Information</b>	
Name:	Jacqueline A. Scott
Title:	Finance Manager
Phone Number:	905-765-5211; ext.2237
E-Mail Address:	jscott@hchydro.ca

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Haldimand County Hydro Inc. EB-2010-0086 May 1, 2011

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Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
A3.1 Sheet Selection	Show or Hide Sheet Selection
B1.1 Curr&Appl Rt Class General	Set up Tariff Sheet Rate Classes
C1.1 Smart Meter Funding Adder	Enter Current Tariff Sheet Smart Meter Funding Adder
C2.3 Def Var Disp 2010	Deferral Variance Account Disposition (2010)
C2.4 LRAMSSM Recovery RateRider	Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider
C3.1 Curr Low Voltage Vol Rt	Current Low Voltage Volumetric Rate
C3.3 Global Adjustment Del	Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component
C4.1 Curr Rates & Chgs General	Enter Current Tariff Sheet Rates
C7.1 Base Dist Rates Gen	Calculation of Base Distribution Rates
D1.2 Revenue Cost Ratio Adj	Revenue Cost Ratio Adjustment
E1.1 Rate Reb Base Dist Rts Gen	Rate Rebalanced Base Distribution Rates
F1.1 GDP-IPI PCI Adjustment WS	GDP-IPI Price Cap Adjustment Work Sheet
F1.2 GDP-IPI PCI Adjust to Rate	GDP-IPI Price Cap Adjustment To Rates
G1.1 Aft PrcCp Base Dst Rts Gen	Base Distribution Rates after Price Cap Adjustment
H1.1 RationalizationofRates WS	Rationalization of Rates Worksheet
H1.2 Rationalization of Rates	Rationalization of Rates
11.1 PstPricCp Bse Dist Rts Gen	0
J1.1 Smart Meter Funding Adder	Enter Proposed Tariff Sheet Smart Meter Rate Adder
J2.4 Def Var Disp 2011	Deferral Variance Account Disposition (2011)
J2.7 Tax Change Rate Rider	Tax Change Rate Rider
J3.1 App For Low Voltage Vol Rt	Applied for Low Voltage Volumetric Rate
J3.31 Global Adjust Del 2011	Applied for Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component 2011
L1.1 Appl For TX Network	Applied For RTSR - Network
L2.1 Appl For TX Connect	Applied For RTSR - Connection
M4.1 microFIT Generator	Applied for microFIT Generator
N1.1 Appl For Mthly R&C General	Monthly Rates and Charges
N3.1 Curr&Appl For Loss Factor	Enter Loss Factors From Current Tariff Sheet
O1.1 Sum of Chgs To MSC&DX Gen	Shows Summary of Changes To General Service Charge and Distribution Volumetric Charge
O1.2 Sum of Tariff Rate Adders	Shows Summary of Changes To Tariff Rate Adders
O1.3 Sum of Tariff Rate Rider	Shows Summary of Changes To Tariff Rate Riders
O2.1 Calculation of Bill Impact	Bill Impact Calculations
P1.1 Curr&Appl For Allowances	Enter Allowances from Current Tariff Sheets
P2.1 Curr&Appl For Spc Srv Chg	Enter Specific Service Charges from Current Tariff Sheets
P3.1 Curr&Appl For Rtl Srv Chg	Enter Retail Service Charges from Current Tariff Sheets
Z1.0 OEB Control Sheet	0



### Show or Hide Sheet Selection

Sheet	Show / Hide	Purpose of Sheet
C2.1 Def Var Disp 2008	Hide	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2008)
C2.2 Def Var Disp 2009	Hide	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2009)
C2.3 Def Var Disp 2010	Show	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2010)
C2.4 LRAMSSM Recovery RateRider	Show	To be used by distributor that had a Rate Rider for LRAM/SSM
C2.5 ForegoneRevenue Rate Rider	Hide	To be used by distributor that had a Rate Rider for Foregone Revenue
C2.6 Tax Change Rate Rider	Hide	To be used by distributor that had a Rate Rider for Shared Tax Savings
C3.1 Curr Low Voltage Vol Rt	Show	To be used by distributor that had a Rate Rider for Low Voltage Volumetric Rate
C3.2 Global Adjustment Elect	Hide	To be used by distributor that had a Rate Rider for GA Sub-Acct - Electricity
C3.3 Global Adjustment Del	Show	To be used by distributor that had a Rate Rider for GA Sub-Acct - Delivery
D1.2 Revenue Cost Ratio Adj	Show	To be used by distributor that has a Revenue Cost Ratio Adjustment
J1.2 Smrt Grid Renew Gen Rt Add	Hide	To be used by distributor that is applying for a Rate Rider for Smart Grid / Renewable Generation Rate Adder
J2.1 Def Var Disp 2008	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2008)
J2.2 Def Var Disp 2009	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2009)
J2.3 Def Var Disp 2010	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2010)
J2.4 Def Var Disp 2011	Show	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2011)
J2.5 LRAMSSM Recovery RateRider	Hide	To be used by distributor that is applying for a Rate Rider for LRAM/SSM
J2.6 ForegoneRevenue Rate Rider	Hide	To be used by distributor that is continuing a Rate Rider for Foregone Revenue
J2.7 Tax Change Rate Rider	Show	To be used by distributor that is applying for a Rate Rider for Shared Tax Savings
J2.8 Incr Capital Rate Rider	Hide	To be used by distributor that is applying for a Rate Rider for Incremental Capital
J3.1 App For Low Voltage Vol Rt	Show	To be used by distributor that is applying for a Rate Rider for Low Voltage Volumetric Rate
J3.2 Global Adjust Elec 2010	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Electricity 2010
J3.21 Global Adjust Elec 2011	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Electricity 2011
J3.3 Global Adjust Del 2010	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Delivery 2010
J3.31 Global Adjust Del 2011	Show	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Delivery 2011



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# **Current and Applied For Rate Classes**

Rate Group	Rate Class	Fixed Metric	Vol Metric
RES	Residential	Customer per 30 days	kWh
GSLT50	General Service Less Than 50 kW	Customer per 30 days	kWh
GSGT50	General Service 50 to 4,999 kW	Customer per 30 days	kW
USL	Unmetered Scattered Load	Connection -12 per year	kWh
Sen	Sentinel Lighting	Connection -12 per year	kW
SL	Street Lighting	Connection -12 per year	kW
EMB	Embedded Distributor – Hydro One Networks Inc.	Customer -12 per year	kW
NA	Rate Class 8	NA	NA
NA	Rate Class 9	NA	NA
NA	Rate Class 10	NA	NA
NA	Rate Class 11	NA	NA
NA	Rate Class 12	NA	NA
NA	Rate Class 13	NA	NA
NA	Rate Class 14	NA	NA
NA	Rate Class 15	NA	NA
NA	Rate Class 16	NA	NA
NA	Rate Class 17	NA	NA
NA	Rate Class 18	NA	NA
NA	Rate Class 19	NA	NA
NA	Rate Class 20	NA	NA
NA	Rate Class 21	NA	NA
NA	Rate Class 22	NA	NA
NA	Rate Class 23	NA	NA
NA	Rate Class 24	NA	NA
NA	Rate Class 25	NA	NA



Haldimand County Hydro Inc. EB-2010-0086 May 1, 2011

# **Current Smart Meter Funding Adder**

Rate Adder	Smart Meters				
Tariff Sheet Disclosure	Yes				
Metric Applied To	Metered Customers				
Method of Application	Uniform Service Charge				
Uniform Service Charge Amount	1.87				
Rate Class Residential General Service Less Than 50 kW General Service 50 to 4,999 kW	Applied to Class Yes Yes Yes Yes	Fixed Amount 1.870000 1.870000 1.870000	Fixed Metric Customer per 30 days Customer per 30 days Customer per 30 days	Vol Amount 0.000000 0.000000 0.000000	Vol Metric kWh kWh kW



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# **Deferral Variance Account Disposition (2010)**

Rate Rider	Def Var Disp 2010
Sunset Date	30/04/2011 DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer per 30 days	-0.001400	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	-0.001200	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer per 30 days	-0.441400	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	-0.001900	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	-3.034400	kW
Street Lighting	Yes	0.000000	Connection -12 per year	-3.158500	kW
Embedded Distributor – Hydro One Networks Inc.	No	0.000000	Customer -12 per year	0.000000	kW



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Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider



Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer per 30 days	0.002200	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	0.000100	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer per 30 days	0.041200	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection -12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection -12 per year	0.000000	kW
Embedded Distributor – Hydro One Networks Inc.	No	0.000000	Customer -12 per year	0.000000	kW



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# **Current Low Voltage Volumetric Rate**

Rate Description	Low Voltage Volumetric Rate	
Select Tariff Sheet Disclosure	Yes - Shown on Tariff Sheet	
Metric Applied To	All Customers	
Method of Application	Distinct Volumetric	
Rate Class		Current Low Voltage
Residential	kWh	0.000400
General Service Less Than 50 kW	kWh	0.000300
General Service 50 to 4,999 kW	kW	0.150200
Unmetered Scattered Load	kWh	0.000300
Sentinel Lighting	kW	0.110300
Street Lighting	kW	0.108100
Embedded Distributor – Hydro One Networks Inc.	kW	0.000000



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# Current Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component

Rate Rider	GA Sub-Acct - Delivery
Sunset Date	30/04/2011
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer per 30 days	0.002100	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	0.002100	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer per 30 days	0.882200	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	0.738900	kW
Street Lighting	Yes	0.000000	Connection -12 per year	0.753400	kW
Embedded Distributor – Hydro One Networks Inc.	No	0.000000	Customer -12 per year	0.000000	kW



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# **Current Rates and Charges**

Rate Class Residential

Rate Description	Metric	Rate
Service Charge	\$	12.23
Service Charge Smart Meters	\$	1.87
Distribution Volumetric Rate	\$/kWh	0.0334
Low Voltage Volumetric Rate	\$/kWh	0.0004
Distribution Volumetric Def Var Disp 2010 – effective until April 30, 2011	\$/kWh	(0.00140)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until April 30, 2011	\$/kWh	0.00220
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0046
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Rate Class General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	S	28.60
Service Charge Smart Meters	\$	1.87
Distribution Volumetric Rate	\$/kWh	0.0202
Low Voltage Volumetric Rate	\$/kWh	0.0003
Distribution Volumetric Def Var Disp 2010 – effective until April 30, 2011	\$/kWh	(0.00120)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until April 30, 2011	\$/kWh	0.00010
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### Rate Class

# General Service 50 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	102.48
Service Charge Smart Meters	\$	1.87
Distribution Volumetric Rate	\$/kW	5.3113
	\$/kW	
Low Voltage Volumetric Rate	\$/kW	0.1502
Distribution Volumetric Def Var Disp 2010 – effective until April 30, 2011	\$/kW	(0.44140)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery - effective until April 30, 2011	\$/kW	0.04120
Retail Transmission Rate – Network Service Rate	\$/kW	1.9253
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.0423
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6749
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.8512
	\$/kW	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



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# **Current Rates and Charges**

Rate Class Unmetered Scattered Load		
Rate Description	Metric	Rat
Service Charge (per connection)	\$	20.5
Distribution Volumetric Rate	\$/kWh	0.002
ow Voltage Volumetric Rate	\$/kWh	0.000
Distribution Volumetric Def Var Disp 2010 – effective until April 30, 2011	\$/kWh	(0.0019
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004
Vholesale Market Service Rate	\$/kWh	0.005
Rural Rate Protection Charge	\$/kWh	0.001
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2
Rate Class		
Sentinel Lighting		
Rate Description	Metric	Rat
Service Charge (per connection)	\$	7.3
Distribution Volumetric Rate	\$/kW	18.934
.ow Voltage Volumetric Rate	\$/kW	0.110
Distribution Volumetric Def Var Disp 2010 – effective until April 30, 2011	\$/kW	(3.0344
Retail Transmission Rate – Network Service Rate	\$/kW	1.459
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.322
Vholesale Market Service Rate	\$/kWh	0.005
Rural Rate Protection Charge	\$/kWh	0.001
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2
Rate Class		
Street Lighting		
Rate Description	Metric	Rate
Service Charge (per connection)	S	3.8
Distribution Volumetric Rate	\$/kW	9,799
.ow Voltage Volumetric Rate	\$/kW	0.108
Distribution Volumetric Def Var Disp 2010 – effective until April 30, 2011	\$/kW	(3.1585
Retail Transmission Rate – Network Service Rate	\$/kW	1.451
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.295
Wholesale Market Service Rate	\$/kWh	0.005
Rural Rate Protection Charge	\$/kWh	0.001
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2
Rate Class		
Embedded Distributor – Hydro One Networks Inc.		
Rate Description	Metric	Rat
Service Charge	\$	181.5
Distribution Volumetric Rate	\$/kW	0.559
	\$/kW	
	\$/kW \$/kW	2.490
Retail Transmission Rate – Network Service Rate	\$/kW	2.490
Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW \$/kW	2.182
Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Vholesale Market Service Rate Varial Rate Protection Charge	\$/kW	



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# **Base Distribution Rates**

### Service Charge

Class	Metric	Current Rates	Current Base Rates
Residential	Customer per 30 days	12.230000	12.230000
General Service Less Than 50 kW	Customer per 30 days	28.600000	28.600000
General Service 50 to 4,999 kW	Customer per 30 days	102.480000	102.480000
Unmetered Scattered Load	Connection -12 per year	20.510000	20.510000
Sentinel Lighting	Connection -12 per year	7.340000	7.340000
Street Lighting	Connection -12 per year	3.830000	3.830000
Embedded Distributor – Hydro One Networks Inc.	Customer -12 per year	181.510000	181.510000

### **Distribution Volumetric Rate**

Class	Metric	Current Rates Current Base Rates
Residential	kWh	0.033400 0.033400
General Service Less Than 50 kW	kWh	0.020200 0.020200
General Service 50 to 4,999 kW	kW	5.311300 5.311300
Unmetered Scattered Load	kWh	0.002700 0.002700
Sentinel Lighting	kW	18.934900 18.934900
Street Lighting	kW	9.799500 9.799500
Embedded Distributor – Hydro One Networks Inc.	kW	0.559400 0.559400



# **Revenue Cost Ratio Adjustment**

Rate Rebalancing Adjustment	Revenue Cost Ratio
Metric Applied To	All Customers
Method of Application	Both Distinct\$

### Monthly Service Charge

Class	Metric	Base Rate	\$ Adjustment	Adj To Base
Residential	Customer per 30 days	12.230000	0.000000	0.000000
General Service Less Than 50 kW	Customer per 30 days	28.600000	0.000000	0.000000
General Service 50 to 4,999 kW	Customer per 30 days	102.480000	- 9.660000 -	9.660000
Unmetered Scattered Load	Connection -12 per year	20.510000	0.000000	0.000000
Sentinel Lighting	Connection -12 per year	7.340000	5.460000	5.460000
Street Lighting	Connection -12 per year	3.830000	2.170000	2.170000
Embedded Distributor – Hydro One Networks Inc.	Customer -12 per year	181.510000	0.000000	0.000000

### **Volumetric Distribution Charge**

Class	Metric	Base Rate	\$ Adjustment	Adj To Base
Residential	kWh	0.033400	0.000000	0.000000
General Service Less Than 50 kW	kWh	0.020200	0.000000	0.000000
General Service 50 to 4,999 kW	kW	5.311300	- 0.500700	- 0.500700
Unmetered Scattered Load	kWh	0.002700	0.000000	0.000000
Sentinel Lighting	kW	18.934900	14.083800	14.083800
Street Lighting	kW	9.799500	5.548400	5.548400
Embedded Distributor – Hydro One Networks Inc.	kW	0.559400	0.000000	0.000000



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# **Rate Rebalanced Base Distribution Rates**

### Monthly Service Charge

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	Customer per 30 days	12.230000	0.000000	12.230000
General Service Less Than 50 kW	Customer per 30 days	28.600000	0.000000	28.600000
General Service 50 to 4,999 kW	Customer per 30 days	102.480000	-9.660000	92.820000
Unmetered Scattered Load	Connection -12 per year	20.510000	0.000000	20.510000
Sentinel Lighting	Connection -12 per year	7.340000	5.460000	12.800000
Street Lighting	Connection -12 per year	3.830000	2.170000	6.000000
Embedded Distributor – Hydro One Networks Inc.	Customer -12 per year	181.510000	0.000000	181.510000

### **Volumetric Distribution Charge**

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	kWh	0.033400	0.000000	0.033400
General Service Less Than 50 kW	kWh	0.020200	0.000000	0.020200
General Service 50 to 4,999 kW	kW	5.311300	-0.500700	4.810600
Unmetered Scattered Load	kWh	0.002700	0.000000	0.002700
Sentinel Lighting	kW	18.934900	14.083800	33.018700
Street Lighting	kW	9.799500	5.548400	15.347900
Embedded Distributor – Hydro One Networks Inc.	kW	0.559400	0.000000	0.559400



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# **GDP-IPI Price Cap Adjustment Worksheet**





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# **GDP-IPI Price Cap Adjustment to Rates**

Price Cap Adjustment	Price Cap Adjustment		
Metric Applied To	All Customers		
Method of Application	Both Uniform%		
Uniform Service Charge Percent	0.180%	Uniform Volumetric Charge Percent	0.1 0.1

# Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment
Residential	Customer per 30 days	12.230000	Yes	0.180%
General Service Less Than 50 kW	Customer per 30 days	28.600000	Yes	0.180%
General Service 50 to 4,999 kW	Customer per 30 days	92.820000	Yes	0.180%
Unmetered Scattered Load	Connection -12 per year	20.510000	Yes	0.180%
Sentinel Lighting	Connection -12 per year	12.800000	Yes	0.180%
Street Lighting	Connection -12 per year	6.000000	Yes	0.180%
Embedded Distributor – Hydro One Networks Inc.	Customer -12 per year	181.510000	Yes	0.180%

# **Volumetric Distribution Charge**

Class	Metric	Base Rate	To This Class	% Adjustment
Residential	kWh	0.033400	Yes	0.180%
General Service Less Than 50 kW	kWh	0.020200	Yes	0.180%
General Service 50 to 4,999 kW	kW	4.810600	Yes	0.180%
Unmetered Scattered Load	kWh	0.002700	Yes	0.180%
Sentinel Lighting	kW	33.018700	Yes	0.180%
Street Lighting	kW	15.347900	Yes	0.180%
Embedded Distributor – Hydro One Networks Inc.	kW	0.559400	Yes	0.180%

To Base
0.022014
0.051480
0.167076
0.036918
0.023040
0.010800
0.326718

0
6
9
5
4
6
7



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# After Price Cap Base Distribution Rates General

# Monthly Service Charge

Class	Metric	Base Rate	Price Cap Adjustment	After Price Cape Ba
Residential	Customer per 30 days	12.230000	0.022014	12.252014
General Service Less Than 50 kW	Customer per 30 days	28.600000	0.051480	28.651480
General Service 50 to 4,999 kW	Customer per 30 days	92.820000	0.167076	92.987076
Unmetered Scattered Load	Connection -12 per year	20.510000	0.036918	20.546918
Sentinel Lighting	Connection -12 per year	12.800000	0.023040	12.823040
Street Lighting	Connection -12 per year	6.000000	0.010800	6.010800
Embedded Distributor – Hydro One Network	s Inc. Customer -12 per year	181.510000	0.326718	181.836718

### **Volumetric Distribution Charge**

Class	Metric	Base Rate	Price Cap Adjustment	After Price Cape Ba
Residential	kWh	0.033400	0.000060	0.033460
General Service Less Than 50 kW	kWh	0.020200	0.000036	0.020236
General Service 50 to 4,999 kW	kW	4.810600	0.008659	4.819259
Unmetered Scattered Load	kWh	0.002700	0.000005	0.002705
Sentinel Lighting	kW	33.018700	0.059434	33.078134
Street Lighting	kW	15.347900	0.027626	15.375526
Embedded Distributor – Hydro One Networks Inc.	kW	0.559400	0.001007	0.560407

### Base

## Base



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011

# **Rationalization of Rates Worksheet**

	After Price Cape Base A	Re-based Billed Customers or Connections B	Re-based Billed kWh	Revenue Requirement from Rates D = A * B * 12	Total % Revenue F = D / E	Target Total % Revenue G	Adjusted Revenue Requirement from Rates H = G * E	Adjusted Rates I = H / B /12	Adjus To R J = I
Residential									
Monthly Service Charge	\$ 12.25	18,534		\$ 2,724,946	32.1%	37.0%	\$ 3,136,837	\$ 14.10	\$
	Α		С	D = A * C	F = D / E	G	H = G * E	I = H / B	J =
Volumetric Distribution Charge	\$ 0.0335		171,936,412	\$5,752,992 \$8,477,938 E	67.9%	63.0%	\$5,341,101 \$8,477,938	\$ 0.0311	-\$

	After Price Cape Base A	Re-based Billed Customers or Connections B	Re-based Billed kW	Revenue Requirement from Rates D = A * B * 12	Target Fixed Rate of \$102.48 + Price Cap G	Adjusted Revenue Requirement from Rates H = G * B * 12	Adjusted Rates J = H / B /12	Adjus To F L =
General Service 50 to 4,999 kW Monthly Service Charge	\$ 92.99	143		\$ 159,566	\$ 102.66	\$ 176,172	\$ 102.66	\$
	А		С	D = A * C		I = ( E - H )	K = I / B	L =
Volumetric Distribution Charge	\$ 4.8193		298,148	\$ 1,436,852 \$ 1,596,418 E		\$ 1,420,246 \$ 1,596,418	\$ 4.7636	-\$

### ustment Rates

= I - A

1.85

= I - A

0.0024

# justment

o Rates L = I - A

9.68

. .

L = I - A

0.0557



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Name of LDC: Haldimand County Hydro Inc.

# **Rationalization of Rates**

Post Price Cap Adjustment	Rationalization of Rates
Metric Applied To	All Customers
Uniform Percentage Rate	Both Distinct\$

### Monthly Service Charge

Class	Metric Base Rate	To This Class	\$ Adjustment	Adj To Base
Residential	Customer per 30 days 12.252014	Yes	1.851962	1.851962
General Service Less Than 50 kW	Customer per 30 days 28.651480	Yes	0.000000	0.000000
General Service 50 to 4,999 kW	Customer per 30 days 92.987076	S Yes	9.677388	9.677388
Unmetered Scattered Load	Connection -12 per year 20.546918	S Yes	0.000000	0.000000
Sentinel Lighting	Connection -12 per year 12.823040	Yes	0.000000	0.000000
Street Lighting	Connection -12 per year 6.010800	Yes	0.000000	0.000000
Embedded Distributor – Hydro One Networks Inc.	Customer -12 per year 181.83671	8 Yes	0.000000	0.000000

### **Volumetric Distribution Charge**

Class	Metric	Base Rate	To This Class	\$ Adjustment	Adj To Base
Residential	kWh	0.033460	Yes	- 0.002396	- 0.002396
General Service Less Than 50 kW	kWh	0.020236	Yes	0.000000	0.000000
General Service 50 to 4,999 kW	kW	4.819259	Yes	- 0.055699	- 0.055699
Unmetered Scattered Load	kWh	0.002705	Yes	0.000000	0.000000
Sentinel Lighting	kW	33.078134	Yes	0.000000	0.000000
Street Lighting	kW	15.375526	Yes	0.000000	0.000000
Embedded Distributor – Hydro One Networks Inc.	kW	0.560407	Yes	0.000000	0.000000



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# Post Price Cap Base Distribution Rates General

### Monthly Service Charge

Class	Metric	Base Rate	Rationalization of Rates	Post Price Cape Base
Residential	Customer per 30 days	12.252014	1.851962	14.103976
General Service Less Than 50 kW	Customer per 30 days	28.651480	0.000000	28.651480
General Service 50 to 4,999 kW	Customer per 30 days	92.987076	9.677388	102.664464
Unmetered Scattered Load	Connection -12 per year	20.546918	0.000000	20.546918
Sentinel Lighting	Connection -12 per year	12.823040	0.000000	12.823040
Street Lighting	Connection -12 per year	6.010800	0.000000	6.010800
Embedded Distributor – Hvdro One Networks Inc.	Customer -12 per vear	181.836718	0.000000	181.836718

### **Volumetric Distribution Charge**

Class	Metric	Base Rate	Rationalization of Rates	Post Price Cape Base
Residential	kWh	0.033460	-0.002396	0.031064
General Service Less Than 50 kW	kWh	0.020236	0.000000	0.020236
General Service 50 to 4,999 kW	kW	4.819259	-0.055699	4.763560
Unmetered Scattered Load	kWh	0.002705	0.000000	0.002705
Sentinel Lighting	kW	33.078134	0.000000	33.078134
Street Lighting	kW	15.375526	0.000000	15.375526
Embedded Distributor – Hydro One Networks Inc.	kW	0.560407	0.000000	0.560407


#### Applied For Smart Meter Funding Adder

Rate Adder	Smart Meters				
Tariff Sheet Disclosure	Yes				
Metric Applied To	Metered Customers				
Method of Application	Uniform Service Charge				
Uniform Service Charge Amount	1.87				
Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	1.870000	Customer per 30 days	0.000000	kWh
General Service Less Than 50 kW	Yes	1.870000	Customer per 30 days	0.000000	kWh
General Service 50 to 4,999 kW	Yes	1.870000	Customer per 30 days	0.000000	kW



## **Deferral Variance Account Disposition (2011)**

Rate Rider	Def Var Disp 2011
Sunset Date	30/04/2012 DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer per 30 days	-0.001470	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	-0.001470	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer per 30 days	-0.543960	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	-0.001470	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	-0.529120	kW
Street Lighting	Yes	0.000000	Connection -12 per year	-0.530110	kW
Embedded Distributor – Hydro One Networks Inc.	Yes	0.000000	Customer -12 per year	0.973430	kW



## Tax Change Rate Rider

Rate Rider	Tax Change
Sunset Date	30/04/2012
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer per 30 days	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer per 30 days	0.000000	kWh
General Service 50 to 4,999 kW	No	0.000000	Customer per 30 days	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection -12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection -12 per year	0.000000	kW
Embedded Distributor – Hydro One Networks Inc.	No	0.000000	Customer -12 per year	0.000000	kW



## Applied For Low Voltage Volumetric Rate

Rate Description	Low Voltage Volumetric Rate	
Select Tariff Sheet Disclosure	Shown on Tariff Sheet	
Metric Applied To	All Customers	
Method of Application	Distinct Volumetric	
Rate Class		Applied for Low Voltage
Residential General Service Less Than 50 kW	kWh kWh	0.000400 0.000300
General Service 50 to 4,999 kW	kW	0.150200
Unmetered Scattered Load Sentinel Lighting	kWh kW	0.000300 0.110300
Street Lighting Embedded Distributor – Hydro One Networks Inc.	kW kW	0.108100 0.000000



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Haldimand County Hydro Inc.
 EB-2010-0086
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#### Applied For Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component 2011

Rate Rider	GA Sub-Acct - Delivery 2011
Sunset Date	30/04/2012
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer per 30 days	-0.002720	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	-0.002720	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer per 30 days	-1.003030	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	-0.975070	kW
Street Lighting	Yes	0.000000	Connection -12 per year	-0.977430	kW
Embedded Distributor – Hydro One Networks Inc.	Yes	0.000000	Customer -12 per year	0.297870	kW



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## Applied For RTSR - Network

Method of Application	Distinct Dollar				
Rate Class	Applied to Class				
Residential	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.005200	0.000%	0.000746	0.005946
Rate Class	Applied to Class				
General Service Less Than 50 kW	Yes				
Pate Description		Current Amount	0/ Adiustresset	Φ. A diverters and	
Rate Description Retail Transmission Rate – Network Service Rate	Vol Metric \$/kWh	Current Amount 0.004700	% Adjustment	\$ Adjustment 0.000674	0.005374
	••••••				
Rate Class	Applied to Class				
General Service 50 to 4,999 kW	Yes				
Rate Description	Vol Metric	Current Amount			
Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW \$/kW	1.925300 2.042300	0.000% 0.000%	0.276227 0.293014	2.201527 2.335314
Rate Class	Applied to Class				
Unmetered Scattered Load	Yes				
Rate Description	Vol Metric	Current Amount			
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004700	0.000%	0.000674	0.005374
Rate Class	Applied to Class				
Sentinel Lighting	Yes				
Rate Description	Vol Metric	Current Amount			
Retail Transmission Rate – Network Service Rate	\$/kW	1.459200	0.000%	0.209355	1.668555
Rate Class	Applied to Class				
Street Lighting	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.451900	0.000%	0.208308	1.660208
Rate Class	Applied to Class				
Embedded Distributor – Hydro One Networks Inc.	Yes				
Rate Description Retail Transmission Rate – Network Service Rate	Vol Metric \$/kW	Current Amount 2.490700	% Adjustment 0.000%	\$ Adjustment 0.346722	
REIGH HAUSTHISSIULI RALE - NELWUR SELVICE RALE	Φ/Κνν	2.490700	0.000%	0.340722	2.03/422

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## **Applied For RTSR - Connection**

Method of Application	Distinct Dollar				
Rate Class	Applied to Class				
Residential	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004600	0.000%	0.000369	0.004969
Rate Class	Applied to Class				
General Service Less Than 50 kW	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004200	0.000%	0.000337	0.004537
Rate Class	Applied to Class				
General Service 50 to 4,999 kW	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.674900	0.000%	0.134327	1.809227
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.851200	0.000%	0.148466	1.999666
Rate Class	Applied to Class				
Unmetered Scattered Load	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004200	0.000%	0.000337	0.004537
Rate Class	Applied to Class				
Sentinel Lighting	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.322000	0.000%	0.106024	1.428024
Rate Class	Applied to Class				
Street Lighting	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.295000	0.000%	0.103859	1.398859
Rate Class	Applied to Class				
Embedded Distributor – Hydro One Networks Inc.	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.182000	0.000%	0.140452	2.322452

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#### microFIT Generator

Rate Class

microFIT Generator

Rate Description Service Charge Fixed Metric Rate \$ 5.25



#### **Applied For Monthly Rates and Charges**

#### Rate Class Residential

Rate Description       Met         Service Charge       \$         Service Charge Smart Meters       \$         Distribution Volumetric Rate       \$         Distribution Volumetric Rate       \$         Distribution Volumetric Rate       \$         Distribution Volumetric Rate       \$         Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012       \$         Retail Transmission Rate – Network Service Rate       \$         Retail Transmission Rate – Line and Transformation Connection Service Rate       \$         Wholesale Market Service Rate       \$         Rural Rate Protection Charge       \$         Standard Supply Service – Administrative Charge (if applicable)       \$         Rate Class       \$         General Service Less Than 50 kW       \$	ic	Rate 14.10
Service Charge Smart Meters       \$         Distribution Volumetric Rate       \$/kl         Low Voltage Volumetric Rate       \$/kl         Distribution Volumetric Rate       \$/kl         Distribution Volumetric Rate       \$/kl         Distribution Volumetric Rate       \$/kl         Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012       \$/kl         Retail Transmission Rate – Network Service Rate       \$/kl         Retail Transmission Rate – Line and Transformation Connection Service Rate       \$/kl         Wholesale Market Service Rate       \$/kl         Rural Rate Protection Charge       \$/kl         Standard Supply Service – Administrative Charge (if applicable)       \$/kl         Rate Class       \$/kl		14.10
Distribution Volumetric Rate\$/kVLow Voltage Volumetric Rate\$/kVDistribution Volumetric Def Var Disp 2011 – effective until April 30, 2012\$/kVRetail Transmission Rate – Network Service Rate\$/kVRetail Transmission Rate – Line and Transformation Connection Service Rate\$/kVWholesale Market Service Rate\$/kVRural Rate Protection Charge\$/kVStandard Supply Service – Administrative Charge (if applicable)\$Rate Class\$		
Low Voltage Volumetric Rate       \$/kl         Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012       \$/kl         Retail Transmission Rate – Network Service Rate       \$/kl         Retail Transmission Rate – Line and Transformation Connection Service Rate       \$/kl         Wholesale Market Service Rate       \$/kl         Rural Rate Protection Charge       \$/kl         Standard Supply Service – Administrative Charge (if applicable)       \$         Rate Class       \$		1.87
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012       \$/k\         Retail Transmission Rate – Network Service Rate       \$/k\         Retail Transmission Rate – Line and Transformation Connection Service Rate       \$/k\         Wholesale Market Service Rate       \$/k\         Rural Rate Protection Charge       \$/k\         Standard Supply Service – Administrative Charge (if applicable)       \$         Rate Class       \$	٧h	0.0311
Retail Transmission Rate – Network Service Rate       \$/k\         Retail Transmission Rate – Line and Transformation Connection Service Rate       \$/k\         Wholesale Market Service Rate       \$/k\         Rural Rate Protection Charge       \$/k\         Standard Supply Service – Administrative Charge (if applicable)       \$         Rate Class       \$	٧h	0.0004
Retail Transmission Rate – Line and Transformation Connection Service Rate       \$/k!         Wholesale Market Service Rate       \$/k!         Rural Rate Protection Charge       \$/k!         Standard Supply Service – Administrative Charge (if applicable)       \$         Rate Class       \$	٧h	(0.00147)
Wholesale Market Service Rate       \$/kl         Rural Rate Protection Charge       \$/kl         Standard Supply Service – Administrative Charge (if applicable)       \$         Rate Class       \$	٧h	0.0059
Rural Rate Protection Charge       \$/k\         Standard Supply Service – Administrative Charge (if applicable)       \$         Rate Class       \$	٧h	0.0050
Standard Supply Service – Administrative Charge (if applicable)       \$         Rate Class       \$	٧h	0.0052
Rate Class	٧h	0.0013
		0.25
General Service Less Than 30 kw		
Rate Description Met	ic	Rate
Service Charge \$		28.65
Service Charge Smart Meters \$		1.87
Distribution Volumetric Rate \$/k\	٧h	0.0202
Low Voltage Volumetric Rate \$/k\	٧h	0.0003
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012 \$/k\	٧h	(0.00147)
Retail Transmission Rate – Network Service Rate \$/k	٧h	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate \$/k	٧h	0.0045
Wholesale Market Service Rate \$/k		0.0052
Rural Rate Protection Charge   \$/k\	√h	0.0013
Standard Supply Service – Administrative Charge (if applicable) \$		0.25

#### Rate Class

General Service 50 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	102.66
Service Charge Smart Meters	\$	1.87
Distribution Volumetric Rate	\$/kW	4.7636
Low Voltage Volumetric Rate	\$/kW	0.1502
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012	\$/kW	(0.54396)
Retail Transmission Rate – Network Service Rate	\$/kW	2.2015
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.3353
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8092
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.9997
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



#### **Applied For Monthly Rates and Charges**

## Rate Class Unmetered Scattered Load

Rate Description	Metric	Rate
Service Charge (per connection)	\$	20.55
Distribution Volumetric Rate	\$/kWh	0.0027
Low Voltage Volumetric Rate	\$/kWh	0.0003
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012	\$/kWh	(0.00147)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### Rate Class Sentinel Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	12.82
Distribution Volumetric Rate	\$/kW	33.0781
Low Voltage Volumetric Rate	\$/kW	0.1103
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012	\$/kW	(0.52912)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6686
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4280
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### Rate Class Street Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	6.01
Distribution Volumetric Rate	\$/kW	15.3755
Low Voltage Volumetric Rate	\$/kW	0.1081
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012	\$/kW	(0.53011)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6602
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3989
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### Rate Class

#### Embedded Distributor - Hydro One Networks Inc.

Rate Description	Metric	Rate
Service Charge	\$	181.84
Distribution Volumetric Rate	\$/kW	0.5604
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012	\$/kW	0.97343
Retail Transmission Rate – Network Service Rate	\$/kW	2.8374
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.3225
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



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## **Current and Applied For Loss Factors**

LOSS FACTORS	Current
Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0680
Total Loss Factor - Secondary Metered Customer > 5,000 kW	
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0573
Total Loss Factor - Primary Metered Customer > 5,000 kW	
Total Loss Factor – Embedded Distributor – Hydro One Networks Inc.	1.0305



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## Summary of Changes To Service Charge and Distribution

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Current Tariff Distribution Rates	12.23	0.0334
Current Base Distribution Rates	12.23	0.0334
Price Cap Adjustments		
Price Cap Adjustment	0.02	0.000
Total Price Cap Adjustments	0.02	0.000
Post Price Cap Adjustments		
Rationalization of Rates	1.85	-0.002
Total Post Price Cap Adjustments	1.85	-0.002
Applied For Base Distribution Rates	14.10	0.031
Applied For Tariff Distribution Rates	14.10	0.031
	0.00	0.000
	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$/kWh
Current Tariff Rates	28.60	0.020
Current Base Distribution Rates	28.60	0.02
Price Cap Adjustments		
Price Cap Adjustment	0.05	0.000
Total Price Cap Adjustments	0.05	0.000
Applied For Base Distribution Rates	28.65	0.020
Applied For Tariff Distribution Rates	28.65	0.020
	0.00	0.000
	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$/kW
Current Tariff Rates	102.48	5.311
Current Base Distribution Rates	102.48	5.3
Rate Rebalancing Adjustments		
Revenue Cost Ratio	-9.66	-0.500
Total Rate Rebalancing Adjustments	-9.66	-0.500
Price Cap Adjustments		
Price Cap Adjustment	0.17	0.008
Total Price Cap Adjustments	0.17	0.008
Post Price Cap Adjustments		
Rationalization of Rates	9.68	-0.055
Total Post Price Cap Adjustments	9.68	-0.055
Applied For Base Distribution Rates	102.66	4.763
Applied For Tariff Distribution Rates	102.66	4.763
	0.00	0.000

Fixed Volumetric



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## Summary of Changes To Service Charge and Distribution

Unmetered Scattered Load	(\$)	\$/kWh
Current Tariff Rates	20.51	0.0027
Current Base Distribution Rates	20.51	0.00
Price Cap Adjustments		
Price Cap Adjustment	0.04	0.0000
Total Price Cap Adjustments	0.04	0.0000
Applied For Base Distribution Rates	20.55	0.0027
Applied For Tariff Distribution Rates	20.55	0.0027
	0.00	0.0000
	Fixed	Volumetric
Sentinel Lighting	(\$)	\$/kW
Current Tariff Rates	( <sup>(</sup> ) 7.34	18.9349
Current Base Distribution Rates	7.34	18.93
Rate Rebalancing Adjustments	7.04	10.00
Revenue Cost Ratio	5.46	14.0838
Total Rate Rebalancing Adjustments	5.46	14.0838
Price Cap Adjustments	0.40	14.0000
Price Cap Adjustment	0.02	0.0594
Total Price Cap Adjustments	0.02	0.0594
Applied For Base Distribution Rates	12.82	33.0781
Applied For Tariff Distribution Rates	12.82	33.0781
	Fixed	Volumetric
Street Lighting	(\$)	\$/kW
Current Tariff Rates	3.83	9.7995
Current Base Distribution Rates	3.83	9.80
Rate Rebalancing Adjustments		
Revenue Cost Ratio	2.17	5.5484
Total Rate Rebalancing Adjustments	2.17	5.5484
Price Cap Adjustments		
Price Cap Adjustment	0.01	0.0276
Total Price Cap Adjustments	0.01	0.0276
Applied For Base Distribution Rates	6.00	15.3479
Applied For Tariff Distribution Rates	6.01	15.3755
	0.00	0.0000
	Fixed	Volumetric
Embedded Distributor – Hydro One Networks Inc.	(\$)	\$/kW
Current Tariff Rates	181.51	0.5594
Current Base Distribution Rates	181.51	0.56
Price Cap Adjustments		
Price Cap Adjustment	0.33	0.0010
Total Price Cap Adjustments	0.33	0.0010

0.5604

0.5604

0.0000

181.84

181.84

0.00

Applied For Base Distribution Rates

Applied For Tariff Distribution Rates



## **Summary of Changes To Tariff Rate Adders**

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Current Tariff Rates Adders		
Smart Meters	1.87	0.0000
Total Current Tariff Rates Adders	1.87	0.0000

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Proposed Tariff Rates Adders		
Smart Meters	1.87	0.0000
Total Proposed Tariff Rates Adders	1.87	0.0000

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$/kWh
Current Tariff Rates Adders		
Smart Meters	1.87	0.0000
Total Current Tariff Rates Adders	1.87	0.0000

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$
Proposed Tariff Rates Adders		
Smart Meters	1.87	0.0000
Total Proposed Tariff Rates Adders	1.87	0.0000

	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$
Current Tariff Rates Adders		
Smart Meters	1.87	0.0000
Total Current Tariff Rates Adders	1.87	0.0000

	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$
Proposed Tariff Rates Adders		
Smart Meters	1.87	0.0000
Total Proposed Tariff Rates Adders	1.87	0.0000



## Summary of Changes To Tariff Rate Adders

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	\$/kWh
Current Tariff Rates Adders		
Total Current Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	0
Proposed Tariff Rates Adders		
Total Proposed Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Sentinel Lighting	(\$)	\$/kWh
Current Tariff Rates Adders		
Total Current Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Sentinel Lighting	(\$)	0
Proposed Tariff Rates Adders		
Total Proposed Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Street Lighting	(\$)	0
Current Tariff Rates Adders		
Total Current Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Street Lighting	(\$)	\$/kW
Proposed Tariff Rates Adders		
Total Proposed Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Embedded Distributor – Hydro One Networks Inc.	(\$)	\$/kW
Current Tariff Rates Adders		
Total Current Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Embedded Distributor – Hydro One Networks Inc.	(\$)	0
Proposed Tariff Rates Adders		
Total Proposed Tariff Rates Adders	0.00	0.0000



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## Summary of Changes To Tariff Rate Riders

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Current Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0014
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0022
Total Current Tariff Rates Riders	0.00	0.0008

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Proposed Tariff Rates Riders		
Def Var Disp 2011	0.00	-0.0015
Total Proposed Tariff Rates Riders	0.00	-0.0015

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$/kWh
Current Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0012
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0001
Total Current Tariff Rates Riders	0.00	-0.0011

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$
Proposed Tariff Rates Riders		
Def Var Disp 2011	0.00	-0.0015
Total Proposed Tariff Rates Riders	0.00	-0.0015

	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$
Current Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.4414
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0412
Total Current Tariff Rates Riders	0.00	-0.4002

	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$
Proposed Tariff Rates Riders		
Def Var Disp 2011	0.00	-0.5440
Total Proposed Tariff Rates Riders	0.00	-0.5440

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	\$/kWh
Current Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0019
Total Current Tariff Rates Riders	0.00	-0.0019



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## Summary of Changes To Tariff Rate Riders

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	0
Proposed Tariff Rates Riders		
Def Var Disp 2011	0.00	-0.001
Total Proposed Tariff Rates Riders	0.00	-0.001
		Volumetric
Sentinel Lighting	(\$)	\$/kWh
Current Tariff Rates Riders		
Def Var Disp 2010	0.00	-3.034
Total Current Tariff Rates Riders	0.00	-3.034
	<u>.</u>	
	Fixed	Volumetric
Sentinel Lighting	(\$)	0
Proposed Tariff Rates Riders		
Def Var Disp 2011	0.00	-0.529
Total Proposed Tariff Rates Riders	0.00	-0.529
		Volumetric
Street Lighting	(\$)	0
Current Tariff Rates Riders		
Def Var Disp 2010	0.00	-3.158
Total Current Tariff Rates Riders	0.00	-3.158
A		Volumetric
Street Lighting	(\$)	\$/kW
Proposed Tariff Rates Riders		0.500
Def Var Disp 2011	0.00	-0.530
Total Proposed Tariff Rates Riders	0.00	-0.530 <sup>-</sup>
		Volumetric
Embedded Distributor – Hydro One Networks Inc.	(\$)	\$/kW
Current Tariff Rates Riders		
Total Current Tariff Rates Riders	0.00	0.000
		Volumetric
Embedded Distributor – Hydro One Networks Inc.	(\$)	0
Proposed Tariff Rates Riders		
Def Var Disp 2011	0.00	0.973
Total Proposed Tariff Rates Riders	0.00	0.973



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## **Calculation of Bill Impacts**

RTSR Loss Adjusted Metered kWh	Yes
RTSR Loss Adjusted Metered kW	No

#### Residential

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	12.23	14.10
Service Charge Rate Adder(s)	\$	1.87	1.87
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0334	0.0311
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	0.0004	0.0004
Distribution Volumetric Rate Rider(s)	\$/kWh	0.0008	- 0.0015
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0046	0.0050
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	800	kWh	- kW
RPP Tier One	600	kWh	Load Factor

Loss Factor 1.0680

Residential	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.0%	28.96%
Energy Second Tier (kWh)	255	0.0750	19.13	255	0.0750	19.13	0.00	0.0%	14.21%
Sub-Total: Energy			58.13			58.13	0.00	0.0%	43.17%
Service Charge	1	12.23	12.23	1	14.10	14.10	1.87	15.3%	10.47%
Service Charge Rate Adder(s)	1	1.87	1.87	1	1.87	1.87	0.00	0.0%	1.39%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	800	0.0334	26.72	800	0.0311	24.88	-1.84	(6.9)%	18.48%
Distribution Volumetric Rate Adder(s)	800	0.0000	0.00	800	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	800	0.0004	0.32	800	0.0004	0.32	0.00	0.0%	0.24%
Distribution Volumetric Rate Rider(s)	800	0.0008	0.64	800	-0.0015	-1.20	-1.84	(287.5)%	-0.89%
Total: Distribution			41.78			39.97	-1.81	(4.3)%	29.68%
Retail Transmission Rate – Network Service Rate	855	0.0052	4.45	855	0.0059	5.04	0.59	13.3%	3.74%
Retail Transmission Rate – Line and Transformation Connection Service Rate	855	0.0046	3.93	855	0.0050	4.28	0.35	8.9%	3.18%
Total: Retail Transmission			8.38			9.32	0.94	11.2%	6.92%
Sub-Total: Delivery (Distribution and Retail Transmission)			50.16			49.29	-0.87	(1.7)%	36.60%
Wholesale Market Service Rate	855	0.0052	4.45	855	0.0052	4.45	0.00	0.0%	3.30%
Rural Rate Protection Charge	855	0.0013	1.11	855	0.0013	1.11	0.00	0.0%	0.82%
Special Purpose Charge	855	0.0004	0.34	855	0.0004	0.34	0.00	0.0%	0.25%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.19%
Sub-Total: Regulatory			6.15			6.15	0.00	0.0%	4.57%
Debt Retirement Charge (DRC)	800	0.00700	5.60	800	0.00700	5.60	0.00	0.0%	4.16%
Total Bill before Taxes			120.04			119.17	-0.87	(0.7)%	88.50%
HST	120.04	13%	15.61	119.17	13%	15.49	-0.12	(0.8)%	11.50%
Total Bill			135.65			134.66	-0.99	(0.7)%	100.00%

Rate Class Threshold Test							
Residential							
	kWh	250	600		800	1,400	2,250
Loss Facto	or Adjusted kWh kW	267	641	ä	855	1,496	2,403
	Load Factor						
	Loud Fabio						
Energy		<b>•</b> (= ==	<b>^</b> 10.00	•	=0.10	<b>*</b> ( <b>* * *</b>	<b>*</b> - <b>-</b> -
	Applied For Bill Current Bill		\$ 42.08 \$ 42.08		58.13 58.13	<b>\$106.20</b> <b>\$106.20</b>	\$174.23 \$174.23
	\$ Impact		\$ -	\$	-	\$ -	\$ -
	% Impact % of Total Bill	0.0% 32.3%	0.0% 40.5%		0.0% 43.2%	0.0% 46.8%	0.0% 48.7%
		32.3%	40.57	)	43.2%	40.0%	40.77
Distribution							
	Applied For Bill		\$ 33.99		39.99	\$ 58.01	\$ 83.53
	Current Bill \$ Impact	\$ 0.72	\$ 34.86 -\$ 0.87		<u>41.78</u> 1.79	\$ 62.54 -\$ 4.53	<u>\$ 91.95</u> -\$ 8.42
	% Impact	3.2%	-2.5%	)	-4.3%	-7.2%	-9.2%
	% of Total Bill	43.6%	32.7%	)	29.7%	25.6%	23.4%
Retail Transmission							
	Applied For Bill		\$ 6.98	\$	9.31	\$ 16.31	\$ 26.19
	Current Bill		\$ 6.28 \$ 0.70		<u>8.38</u> 0.93	\$ 14.66 \$ 1.65	\$ 23.55
	\$ Impact % Impact	<u>\$ 0.29</u> 11.1%	<u> </u>		11.1%	<u></u>	<u>\$ 2.64</u> 11.29
	% of Total Bill	5.4%	6.7%	)	6.9%	7.2%	7.3%
Onlivery (Distribution and Potail Transmission)							
Delivery (Distribution and Retail Transmission)	Applied For Bill	\$ 26.38	\$ 40.97	\$	49.30	\$ 74.32	\$109.72
	Current Bill		\$ 41.14	\$	50.16	\$ 77.20	\$115.50
	\$ Impact % Impact	<u>\$ 1.01</u> 4.0%	<u>-\$ 0.17</u> -0.4%		0.86	<u>-\$ 2.88</u> -3.7%	<u>-\$ 5.78</u> -5.0%
	% of Total Bill	49.1%	-0.47		36.6%	-3.7 % 32.7%	-5.07 30.7%
Regulatory	Applied For Bill	\$ 210	\$ 4.67	¢	6.15	\$ 10.57	\$ 16.83
	Current Bill		\$ 4.67			\$ 10.57	\$ 16.83
	\$ Impact	\$ -	\$-	\$	-	\$-	\$-
	% Impact % of Total Bill	0.0% 3.9%	0.0% 4.5%		0.0% 4.6%	0.0% 4.7%	0.0% 4.7%
		0.070	1.07	,	1.070	1.1 /0	,
Debt Retirement Charge							
	Applied For Bill Current Bill		\$ 4.20 \$ 4.20		5.60 5.60	<b>\$ 9.80</b> <b>\$ 9.80</b>	\$ 15.75 \$ 15.75
	\$ Impact		<del>\$ 4.20</del> \$ -	\$	-	\$ <u>9.00</u> \$ -	\$ 1 <u>3.73</u> \$ -
	% Impact	0.0%	0.0%		0.0%	0.0%	0.0%
	% of Total Bill	3.3%	4.0%	)	4.2%	4.3%	4.4%
GST							
	Applied For Bill					\$ 26.12	
	Current Bill	<u>\$ 6.05</u> \$ 0.14			<u>15.61</u> 0.12	\$ 26.49 -\$ 0.37	
	% Impact	2.3%	-0.2%		-0.8%	-1.4%	-1.8%
	% of Total Bill	11.5%	11.5%		11.5%	11.5%	11.5%
Fotal Bill							
	Applied For Bill	\$ 53.77	\$ 103.87	\$	134.67	\$227.01	\$357.68
	Current Bill	\$ 52.62	\$ 104.06	\$	135.65	\$230.26	\$364.21
	\$ Impact % Impact	\$ 1.15			0.98		-\$ 6.53
	% impact	2.2%	-0.2%	)	-0.7%	-1.4%	-1.8%
	Rounding Applied				0.010000		



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## **Current and Applied For Allowances**

Allowances	Metric	Current
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)



## **Current and Applied For Specific Service Charges**

Customer Administration	Metric	Current
Legal letter charge	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
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Non-Payment of Account	<del>ہ</del> Metric	Current
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection - after regular hours	\$	30.00
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
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## **Current and Applied For Specific Service Charges**

Other	Metric	Current
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
Specific Charge for Bell Canada Access to the Power Poles - per pole/year Note: Specific Charg	\$	18.08
Norfolk Pole Rentals – Billed	\$	28.61
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## **Current and Applied For Retail Service Charges**

Retail Service Charges (if applicable)	Metric	Current
Retail Service Charges refer to services provided by a distributor to retailers or customers related		
to the supply of competitive electricity		
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

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#### **Residential**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	12.23	14.10
Service Charge Rate Adder(s)	\$	1.87	1.87
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0334	0.0311
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	0.0004	0.0004
Distribution Volumetric Rate Rider(s)	\$/kWh	0.0008	- 0.0015
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0046	0.0050
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	800	kWh	- kW	Loss Factor	1.0680
RPP Tier One	600	kWh	Load Factor		

Residential	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.0%	28.96%
Energy Second Tier (kWh)	255	0.0750	19.13	255	0.0750	19.13	0.00	0.0%	14.21%
Sub-Total: Energy			58.13			58.13	0.00	0.0%	43.17%
Service Charge	1	12.23	12.23	1	14.10	14.10	1.87	15.3%	10.47%
Service Charge Rate Adder(s)	1	1.87	1.87	1	1.87	1.87	0.00	0.0%	1.39%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	800	0.0334	26.72	800	0.0311	24.88	-1.84	(6.9)%	18.48%
Distribution Volumetric Rate Adder(s)	800	0.0000	0.00	800	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	800	0.0004	0.32	800	0.0004	0.32	0.00	0.0%	0.24%
Distribution Volumetric Rate Rider(s)	800	0.0008	0.64	800	-0.0015	-1.20	-1.84	(287.5)%	-0.89%
Total: Distribution			41.78			39.97	-1.81	(4.3)%	29.68%
Retail Transmission Rate – Network Service Rate	855	0.0052	4.45	855	0.0059	5.04	0.59	13.3%	3.74%
Retail Transmission Rate - Line and Transformation Connection Service Rate	855	0.0046	3.93	855	0.0050	4.28	0.35	8.9%	3.18%
Total: Retail Transmission			8.38			9.32	0.94	11.2%	6.92%
Sub-Total: Delivery (Distribution and Retail Transmission)			50.16			49.29	-0.87	(1.7)%	36.60%
Wholesale Market Service Rate	855	0.0052	4.45	855	0.0052	4.45	0.00	0.0%	3.30%
Rural Rate Protection Charge	855	0.0013	1.11	855	0.0013	1.11	0.00	0.0%	0.82%
Special Purpose Charge	855	0.0004	0.34	855	0.0004	0.34	0.00	0.0%	0.25%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.19%
Sub-Total: Regulatory			6.15			6.15	0.00	0.0%	4.57%
Debt Retirement Charge (DRC)	800	0.00700	5.60	800	0.00700	5.60	0.00	0.0%	4.16%
Total Bill before Taxes			120.04			119.17	-0.87	(0.7)%	88.50%
HST	120.04	13%	15.61	119.17	13%	15.49	-0.12	(0.8)%	11.50%
Total Bill			135.65			134.66	-0.99	(0.7)%	100.00%

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	kWh	250		600		800	1,400	2,250
Loss Facto	r Adjusted kWh	267		641		855	1,496	2,403
	kW							
	Load Factor							
Energy								
	Applied For Bill		\$	42.08	\$	58.13		\$ 174.23
	Current Bill		\$	42.08	\$	58.13	\$ 106.20	\$ 174.23
	\$ Impact % Impact	<u></u> - 0.0%	\$	- 0.0%	\$	- 0.0%	<u> -</u> 0.0%	<u></u> - 0.0%
	% of Total Bill	32.3%		40.5%		43.2%		
Distribution	78 OF 10tal Bill	52.570		40.376		43.270	40.078	40.77
	Applied For Bill	\$ 23 47	\$	33.99	\$	39.99	\$ 58.01	\$ 83.53
	Current Bill		\$	34.86	\$	41.78		\$ 91.95
		\$ 0.72		0.87		1.79		
	% Impact	3.2%		-2.5%		-4.3%		
	% of Total Bill	43.6%		32.7%		29.7%	25.6%	23.4%
Retail Transmission								
	Applied For Bill		\$	6.98	\$	9.31	\$ 16.31	\$ 26.19
	Current Bill		\$	6.28	\$	8.38		\$ 23.55
	\$ Impact		\$	0.70	\$	0.93		\$ 2.64
	% Impact % of Total Bill	11.1%		11.1%		11.1%		
Delivery (Distribution and Botail Transmission)	% OF TOTAL BII	5.4%		6.7%		6.9%	7.2%	7.3%
Delivery (Distribution and Retail Transmission)	Applied For Bill	¢ 26 20	¢	40.97	\$	40.20	\$ 74.32	¢ 100 70
	Current Bill		\$ ¢	40.97		49.30 50.16		\$ 109.72 \$ 115.50
		\$ 1.01		0.17		0.86		
	% Impact	4.0%	Ψ	-0.4%	Ψ	-1.7%		
	% of Total Bill	49.1%		39.4%		36.6%		
Regulatory								
	Applied For Bill	\$ 2.10	\$	4.67	\$	6.15	\$ 10.57	\$ 16.83
	Current Bill	\$ 2.10	\$	4.67	\$	6.15	\$ 10.57	\$ 16.83
	\$ Impact		\$	-	\$	-	\$-	\$-
	% Impact	0.0%		0.0%		0.0%		
	% of Total Bill	3.9%		4.5%		4.6%	4.7%	4.7%
Debt Retirement Charge		<b>A 1 - -</b>	•	4.00	•		<b>^</b>	<b>•</b> • • = ==
	Applied For Bill		\$	4.20	\$	5.60		\$ 15.75
	Current Bill		\$ \$	4.20	\$ \$	5.60	<u>\$ 9.80</u> \$ -	<u>\$ 15.75</u> \$ -
	\$ Impact % Impact	<u> </u>	ф	- 0.0%	¢	- 0.0%	1	Ŧ
	% of Total Bill	3.3%		4.0%		4.2%		
GST		0.070		1.070		1.270	1.070	
	Applied For Bill	\$ 6.19	\$	11.95	\$	15.49	\$ 26.12	\$ 41.15
	Current Bill			11.97		15.61	\$ 26.49	
		\$ 0.14		0.02		0.12		
	% Impact	2.3%		-0.2%		-0.8%		
	% of Total Bill	11.5%		11.5%		11.5%	11.5%	11.5%
Total Bill								
	Applied For Bill			103.87			\$ 227.01	\$ 357.68
	Current Bill			104.06			\$ 230.26	
		\$ 1.15	-\$	0.19	-\$	0.98		
	% Impact	2.2%		-0.2%		-0.7%	-1.4%	-1.8%

#### General Service Less Than 50 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	28.60	28.65
Service Charge Rate Adder(s)	\$	1.87	1.87
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0202	0.0202
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	0.0003	0.0003
Distribution Volumetric Rate Rider(s)	\$/kWh	- 0.0011	- 0.0015
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	2,000	kWh	-	kW		Loss Factor	1.0680
RPP Tier One	<b>750</b>	kWh	Load Factor		I		

General Service Less Than 50 kW	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0650	48.75	750	0.0650	48.75	0.00	0.0%	15.90%
Energy Second Tier (kWh)	1,386	0.0750	103.95	1,386	0.0750	103.95	0.00	0.0%	33.90%
Sub-Total: Energy			152.70			152.70	0.00	0.0%	49.80%
Service Charge	1	28.60	28.60	1	28.65	28.65	0.05	0.2%	9.34%
Service Charge Rate Adder(s)	1	1.87	1.87	1	1.87	1.87	0.00	0.0%	0.61%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,000	0.0202	40.40	2,000	0.0202	40.40	0.00	0.0%	13.18%
Distribution Volumetric Rate Adder(s)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,000	0.0003	0.60	2,000	0.0003	0.60	0.00	0.0%	0.20%
Distribution Volumetric Rate Rider(s)	2,000	-0.0011	-2.20	2,000	-0.0015	-3.00	-0.80	36.4%	-0.98%
Total: Distribution			69.27			68.52	-0.75	(1.1)%	22.35%
Retail Transmission Rate – Network Service Rate	2,136	0.0047	10.04	2,136	0.0054	11.53	1.49	14.8%	3.76%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,136	0.0042	8.97	2,136	0.0045	9.61	0.64	7.1%	3.13%
Total: Retail Transmission			19.01			21.14	2.13	11.2%	6.89%
Sub-Total: Delivery (Distribution and Retail Transmission)			88.28			89.66	1.38	1.6%	29.24%
Wholesale Market Service Rate	2,136	0.0052	11.11	2,136	0.0052	11.11	0.00	0.0%	3.62%
Rural Rate Protection Charge	2,136	0.0013	2.78	2,136	0.0013	2.78	0.00	0.0%	0.91%
Special Purpose Charge	2,136	0.0004	0.85	2,136	0.0004	0.85	0.00	0.0%	0.28%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.08%
Sub-Total: Regulatory			14.99			14.99	0.00	0.0%	4.89%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	4.57%
Total Bill before Taxes			269.97			271.35	1.38	0.5%	88.49%
HST	269.97	13%	35.10	271.35	13%	35.28	0.18	0.5%	11.51%
Total Bill			305.07			306.63	1.56	0.5%	100.00%

Rate Class Threshold Test									
General Service Less Than 50 kW									
kWh	1.	,000,		2,000	7,500		15,000	2	0,000
Loss Factor Adjusted kWh		,068		2,136	8,010		16,020		1,360
kW		,		,	-,		-,		,
Load Factor									
Energy									
Applied For Bill	\$	72.60	\$	152.70	\$ 593.25	\$	1,194.00	\$ ´	,594.50
Current Bill	\$	72.60	\$	152.70	\$ 593.25	\$	1,194.00	\$ <sup>^</sup>	,594.50
\$ Impact	\$	-	\$	- :	\$-	\$	-	\$	-
% Impact		0.0%		0.0%	0.0%		0.0%		0.0%
% of Total Bill		43.6%		49.8%	55.0%		56.1%		56.3%
Distribution									
Applied For Bill			\$		\$ 173.24			\$	411.12
Current Bill	_		\$		\$ 175.97	\$	321.47	\$	418.47
\$ Impact		0.32	-\$	0.69 -			5.50	-\$	7.35
% Impact		-0.6%		-1.0%	-1.6%		-1.7%		-1.8%
% of Total Bill Retail Transmission		29.8%		22.4%	16.1%		14.8%		14.5%
	¢	10 50	ድ	04.4.4	¢ 70.00	ሱ	450.00	ሱ	011 10
Applied For Bill Current Bill			\$		\$ 79.29 \$ 71.20	\$	158.60	\$	211.46
\$ Impact		9.51 1.07	\$ \$		\$ <u>71.29</u> \$8.00	\$ \$	142.57 16.03	\$ \$	190.10 21.36
% Impact		11.3%	φ	11.2%	<u>\$ 8.00</u> 11.2%	Ŧ	11.2%	φ	11.2%
% of Total Bill		6.4%		6.9%	7.4%		7.4%		7.5%
Delivery (Distribution and Retail Transmission)		0.470		0.070	7.470		7.470		1.070
Applied For Bill	\$	60 13	\$	89.72	\$ 252.53	\$	474.57	\$	622.58
Current Bill			\$		\$ 247.26	\$	464.04	\$	608.57
\$ Impact		0.75	\$		\$ 5.27	\$	10.53	\$	14.01
% Impact		1.3%		1.6%	2.1%		2.3%		2.3%
% of Total Bill		36.1%		29.3%	23.4%		22.3%		22.0%
Regulatory									
Applied For Bill	\$	7.62	\$	14.99	\$ 55.51	\$	110.79	\$	147.63
Current Bill		7.62	\$	14.99	\$ 55.51	\$	110.79	\$	147.63
\$ Impact	\$	-	\$		\$-	\$	-	\$	-
% Impact		0.0%		0.0%	0.0%		0.0%		0.0%
% of Total Bill		4.6%		4.9%	5.2%		5.2%		5.2%
Debt Retirement Charge									
Applied For Bill		7.00	\$		\$ 52.50	\$	105.00	\$	140.00
Current Bill		7.00	\$		\$ <u>52.50</u>	\$	105.00	\$	140.00
\$ Impact		-	\$		\$-	\$	-	\$	-
% Impact % of Total Bill		0.0% 4.2%		0.0%	0.0%		0.0% 4.9%		0.0% 4.9%
GST		4.2%		4.6%	4.9%		4.9%		4.9%
	¢	10.16	ድ	25.20	¢ 100.00	¢	244.07	¢	225 64
Applied For Bill Current Bill				35.28 35.10		\$ \$	244.97 243.60	\$ \$	325.61 323.79
\$ Impact		0.10	\$ \$		\$ 123.31 \$ 0.68	<u>ֆ</u> \$	243.60	ֆ \$	1.82
% Impact % Impact		0.10	Ψ	0.18	<u> </u>		0.6%	Ψ	0.6%
% of Total Bill		11.5%		11.5%	11.5%		11.5%		11.5%
Total Bill		0 / 0			11.070				11.070
Applied For Bill	\$1	66.51	\$	306.69	\$ 1,077.78	\$	2,129.33	\$ 3	2,830.32
Current Bill			\$	305.07			2,117.43		2,814.49
\$ Impact		0.85		1.62		\$	11.90	\$	15.83
% Impact		0.5%	Ŧ	0.5%	0.6%		0.6%	Ŧ	0.6%
,0padt									

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

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	102.48	102.66
Service Charge Rate Adder(s)	\$	1.87	1.87
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	5.3113	4.7636
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	0.1502	0.1502
Distribution Volumetric Rate Rider(s)	\$/kW	- 0.4002	- 0.5440
Retail Transmission Rate – Network Service Rate	\$/kW	1.9253	2.2015
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6749	1.8092
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	995,000	kWh	2,480	kW
RPP Tier One	750	kWh	Load Factor	<b>55.0%</b>

#### Loss Factor 1.0680

General Service 50 to 4,999 kW	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0650	48.75	750	0.0650	48.75	0.00	0.0%	0.04%
Energy Second Tier (kWh)	1,061,910	0.0750	79,643.25	1,061,910	0.0750	79,643.25	0.00	0.0%	61.35%
Sub-Total: Energy			79,692.00			79,692.00	0.00	0.0%	61.39%
Service Charge	1	102.48	102.48	1	102.66	102.66	0.18	0.2%	0.08%
Service Charge Rate Adder(s)	1	1.87	1.87	1	1.87	1.87	0.00	0.0%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,480	5.3113	13,172.02	2,480	4.7636	11,813.73	-1,358.29	(10.3)%	9.10%
Distribution Volumetric Rate Adder(s)	2,480	0.0000	0.00	2,480	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,480	0.1502	372.50	2,480	0.1502	372.50	0.00	0.0%	0.29%
Distribution Volumetric Rate Rider(s)	2,480	-0.4002	-992.50	2,480	-0.5440	-1,349.12	-356.62	35.9%	-1.04%
Total: Distribution			12,656.37			10,941.64	-1,714.73	(13.5)%	8.43%
Retail Transmission Rate – Network Service Rate	2,480	1.9253	4,774.74	2,480	2.2015	5,459.72	684.98	14.3%	4.21%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,480	1.6749	4,153.75	2,480	1.8092	4,486.82	333.07	8.0%	3.46%
Total: Retail Transmission			8,928.49			9,946.54	1,018.05	11.4%	7.66%
Sub-Total: Delivery (Distribution and Retail Transmission)			21,584.86			20,888.18	-696.68	(3.2)%	16.09%
Wholesale Market Service Rate	1,062,660	0.0052	5,525.83	1,062,660	0.0052	5,525.83	0.00	0.0%	4.26%
Rural Rate Protection Charge	1,062,660	0.0013	1,381.46	1,062,660	0.0013	1,381.46	0.00	0.0%	1.06%
Special Purpose Charge	1,062,660	0.0004	425.06	1,062,660	0.0004	425.06	0.00	0.0%	0.33%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			7,332.60			7,332.60	0.00	0.0%	5.65%
Debt Retirement Charge (DRC)	995,000	0.00700	6,965.00	995,000	0.00700	6,965.00	0.00	0.0%	5.37%
Total Bill before Taxes			115,574.46			114,877.78	-696.68	(0.6)%	88.50%
HST	115,574.46	13%	15,024.68	114,877.78	13%	14,934.11	-90.57	(0.6)%	11.50%
Total Bill			130,599.14			129,811.89	-787.25	(0.6)%	100.00%

#### **Rate Class Threshold Test** General Service 50 to 4,999 kW kWh 20.000 510.000 995.000 1.501.000 2.006.000 Loss Factor Adjusted kWh 21,360 544,680 1,062,660 1,603,068 2,142,408 kW 50 1,270 2,480 3,740 5,000 Load Factor 54.8% 55.0% 55.0% 55.0% 55.0% Energy 79,692.00 \$120,222.60 \$160,673.11 Applied For Bill \$1,594.50 \$40,843.50 \$ Current Bill \$1,594.50 \$40,843.50 \$ 79,692.00 \$120,222.60 \$160,673.11 \$ Impact \$ \$ --\$ -\$ \$ --0.0% % Impact 0.0% 0.0% 0.0% 0.0% % of Total Bill 58.7% 61.3% 61.4% 61.4% 61.4% Distribution Applied For Bill \$ 323.02 \$ 5.654.22 \$ 10,941.74 \$ 16,447.73 \$ 21,953.73 Current Bill \$ 357.41 \$ 6,532.20 \$ 12,656.37 \$ 19,033.61 \$ 25,410.85 \$ Impact -\$ 34.39 -\$ 877.98 -\$ 1,714.63 -\$ 2,585.88 -\$ 3,457.12 % Impact -9.6% -13.4% -13.5% -13.6% -13.6% % of Total Bill 11.9% 8.5% 8.4% 8.4% 8.4% **Retail Transmission** Applied For Bill \$ 200.53 \$ 5,093.58 \$ 9,946.54 \$ 15,000.02 \$ 20,053.50 Current Bill \$ 180.02 \$ 4,572.25 \$ 8,928.49 \$ 13,464.75 \$ 18,001.00 \$ Impact \$ 20.51 \$ 521.33 \$ 1,018.05 \$ 1,535.27 \$ 2,052.50 % Impact 11.4% 11.4% 11.4% 11.4% 11.4% % of Total Bill 7.4% 7.7% 7.7% 7.7% 7.7% **Delivery (Distribution and Retail Transmission)** Applied For Bill \$ 523.55 \$10,747.80 \$ 20,888.28 \$ 31,447.75 \$ 42,007.23 Current Bill \$ 537.43 \$11,104.45 \$ 21,584.86 \$ 32,498.36 \$ 43,411.85 \$ Impact -\$ 13.88 -\$ 356.65 -\$ 696.58 -\$ 1,050.61 -\$ 1,404.62 % Impact -2.6% -3.2% -3.2% -3.2% -3.2% % of Total Bill 19.3% 16.1% 16.1% 16.1% 16.1% Regulatory Applied For Bill \$ 147.63 \$ 3,758.54 \$ 7,332.60 \$ 11,061.42 \$ 14,782.86 Current Bill \$ 147.63 \$ 3,758.54 7,332.60 \$ 11,061.42 \$ 14,782.86 \$ Impact \$ -\$ --\$ % Impact 0.0% 0.0% 0.0% 0.0% 0.0% % of Total Bill 5.4% 5.6% 5.6% 5.7% 5.7% **Debt Retirement Charge** Applied For Bill **\$ 140.00 \$ 3,570.00 \$** 6,965.00 \$ 10,507.00 \$ 14,042.00

Current Bill \$ 140.00 \$ 3,570.00 6,965.00 \$ 10,507.00 \$ 14,042.00 \$ \$ Impact \$ -\$ \$ -\$ \$ 0.0% 0.0% 0.0% % Impact 0.0% 0.0% % of Total Bill 5.2% 5.4% 5.4% 5.4% 5.4% GST Applied For Bill \$ 312.74 \$ 7,659.58 \$ 14,934.12 \$ 22,521.04 \$ 30,095.68 Current Bill \$ 314.54 \$ 7,705.94 \$ 15,024.68 \$ 22,657.62 \$ 30,278.28 \$ Impact -\$ 1.80 -\$ 46.36 -\$ 90.56 -\$ 136.58 -\$ 182.60 % Impact -0.6% -0.6% -0.6% -0.6% -0.6% % of Total Bill 11.5% 11.5% 11.5% 11.5% 11.5% Total Bill Applied For Bill \$2,718.42 \$66,579.42 \$ 129,812.00 \$195,759.81 \$261,600.88 Current Bill \$2,734.10 \$66,982.43 \$ 130,599.14 \$196,947.00 \$263,188.10 787.14 -\$ 1,187.19 -\$ 1,587.22 \$ Impact -\$ 15.68 -\$ 403.01 -\$ % Impact -0.6% -0.6% -0.6% -0.6% -0.6%

#### Unmetered Scattered Load

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	20.51	20.55
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0027	0.0027
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	0.0003	0.0003
Distribution Volumetric Rate Rider(s)	\$/kWh	- 0.0019	- 0.0015
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	2,000	kWh	0 kW
RPP Tier One	750	kWh	Load Factor

Unmetered Scattered Load	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0650	48.75	750	0.0650	48.75	0.00	0.0%	19.06%
Energy Second Tier (kWh)	1,386	0.0750	103.95	1,386	0.0750	103.95	0.00	0.0%	40.64%
Sub-Total: Energy			152.70			152.70	0.00	0.0%	<b>59.69%</b>
Service Charge	1	20.51	20.51	1	20.55	20.55	0.04	0.2%	8.03%
Service Charge Rate Adder(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,000	0.0027	5.40	2,000	0.0027	5.40	0.00	0.0%	2.11%
Distribution Volumetric Rate Adder(s)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,000	0.0003	0.60	2,000	0.0003	0.60	0.00	0.0%	0.23%
Distribution Volumetric Rate Rider(s)	2,000	-0.0019	-3.80	2,000	-0.0015	-3.00	0.80	(21.1)%	-1.17%
Total: Distribution			22.71			23.55	0.84	3.7%	9.21%
Retail Transmission Rate – Network Service Rate	2,136	0.0047	10.04	2,136	0.0054	11.53	1.49	14.8%	4.51%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,136	0.0042	8.97	2,136	0.0045	9.61	0.64	7.1%	3.76%
Total: Retail Transmission			19.01			21.14	2.13	11.2%	8.26%
Sub-Total: Delivery (Distribution and Retail Transmission)			41.72			44.69	2.97	7.1%	17.47%
Wholesale Market Service Rate	2,136	0.0052	11.11	2,136	0.0052	11.11	0.00	0.0%	4.34%
Rural Rate Protection Charge	2,136	0.0013	2.78	2,136	0.0013	2.78	0.00	0.0%	1.09%
Special Purpose Charge	2,136	0.0004	0.85	2,136	0.0004	0.85	0.00	0.0%	0.33%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.10%
Sub-Total: Regulatory			14.99			14.99	0.00	0.0%	5.86%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	5.47%
Total Bill before Taxes			223.41			226.38	2.97	1.3%	88.50%
HST	223.41	13%	29.04	226.38	13%	29.43	0.39	1.3%	11.50%
Total Bill			252.45			255.81	3.36	1.3%	100.00%

Loss Factor 1.0680

Loss Factor Adjusted k Load Fac		500		2,000		7 500		
k Loss Factor Adjusted k Load Fac	<b>w</b> h			2 000				
Loss Factor Adjusted k Load Fac	<b>w</b> h					7,500	15,000	20,000
Load Fac		534		2,136		8,010	16,020	21,360
Energy	kW			,		,	,	,
	ctor							
Applied Fo	or Bill 🗄	\$34.71	\$	152.70	\$	593.25	\$1,194.00	\$1,594.50
Currer	nt Bill	\$34.71	\$	152.70	\$	593.25	\$1,194.00	\$1,594.50
	npact		\$	-	\$	-	\$ -	\$-
	npact	0.0%		0.0%		0.0%	0.0%	0.0%
% of Tota	al Bill	44.7%		59.7%		64.6%	65.6%	65.8%
Distribution		<b>CO1 01</b>	۴	00.04	Φ.	00.00	¢ 40.50	Ф <b>Г</b> А А Г
Applied Fc			\$	23.61	\$	32.02		\$ 51.15
		\$21.06 \$ 0.25	\$ \$	22.71 0.90	\$ \$	<u>28.76</u> 3.26	\$ 37.01 \$ 6.49	\$ 42.51 \$ 8.64
	npact	<u>\$ 0.25</u> 1.2%	φ	4.0%	φ	11.3%	<u>\$ 0.49</u> 17.5%	<u>\$ 8.04</u> 20.3%
% of Tota		27.4%		9.2%		3.5%	2.4%	20.0%
Retail Transmission		,0		0.270		0.070	,0	,
Applied Fc	or Bill	\$ 5.28	\$	21.14	\$	79.29	\$ 158.60	\$ 211.46
		\$ 4.75	\$		\$			\$ 190.10
\$ In	npact	\$ 0.53	\$	2.13	\$	8.00	\$ 16.03	\$ 21.36
% Im	npact	11.2%		11.2%		11.2%	11.2%	11.2%
% of Tota	al Bill	6.8%		8.3%		8.6%	8.7%	8.7%
Delivery (Distribution and Retail Transmission)								
Applied Fc			\$	44.75		111.31	\$ 202.10	\$ 262.61
		\$25.81	\$	41.72	\$	100.05	\$ 179.58	\$ 232.61
		\$ 0.78 3.0%	\$	3.03 7.3%	\$	<u>11.26</u> 11.3%	\$ 22.52 12.5%	\$ <u>30.00</u> 12.9%
% of Tota	npact	34.2%		7.3% 17.5%		12.1%	12.5%	12.9%
Regulatory		34.270		17.370		12.170	11.170	10.070
Applied Fc	or Bill	\$ 3.93	\$	14.99	\$	55.51	\$ 110.79	\$ 147.63
		\$ 3.93	\$	14.99	\$	55.51	\$ 110.79	\$ 147.63
	npact		\$	-	\$	-	\$ -	\$ -
	npact	0.0%		0.0%		0.0%	0.0%	0.0%
% of Tota	al Bill	5.1%		5.9%		6.0%	6.1%	6.1%
Debt Retirement Charge								
Applied Fc			\$	14.00	\$	52.50	\$ 105.00	\$ 140.00
		\$ 3.50	\$	14.00	\$	52.50	\$ 105.00	\$ 140.00
	npact		\$	-	\$	-	\$ -	\$ -
	npact	0.0%		0.0%		0.0%	0.0%	0.0%
% of Tota	ai Bili	4.5%		5.5%		5.7%	5.8%	5.8%
GST Applied Fo		¢ 0.00	¢	20.44	¢	105.00	¢ 000 FF	¢ 070.00
Applied Fc				<mark>29.44</mark> 29.04		105.63	\$ 209.55 \$ 206.62	\$ 278.82 \$ 274.02
		\$ 8.83 \$ 0.10	\$ \$	29.04	<u></u> \$	<u>104.17</u> 1.46	\$ 206.62 \$ 2.93	\$ 274.92 \$ 3.90
	npact	1.1%	Ψ	1.4%	Ψ	1.4%	<u>φ 2.33</u> 1.4%	<u> </u>
% of Tota	•	11.5%		11.5%		11.5%	11.5%	11.5%
Total Bill								
Applied Fc	or Bill	\$77.66	\$	255.88	\$	918.20	\$1,821.44	\$2,423.56
		\$76.78	\$		\$	905.48	\$1,795.99	\$2,389.66
\$ Im	npact	\$ 0.88	\$	3.43	\$	12.72	\$ 25.45	\$ 33.90
% In	npact	1.1%		1.4%		1.4%	1.4%	1.4%

#### Sentinel Lighting

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	7.34	12.82
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	18.9349	33.0781
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	0.1103	0.1103
Distribution Volumetric Rate Rider(s)	\$/kW	- 3.0344	- 0.5291
Retail Transmission Rate – Network Service Rate	\$/kW	1.4592	1.6686
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3220	1.4280
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	180	kWh	0.50	kW
RPP Tier One	750	kWh	Load Factor 4	9.3%

Sentinel Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	193	0.0650	12.55	193	0.0650	12.55	0.00	0.0%	24.10%
Energy Second Tier (kWh)	0	0.0750	0.00	0	0.0750	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			12.55			12.55	0.00	0.0%	<b>24.10%</b>
Service Charge	1	7.34	7.34	1	12.82	12.82	5.48	74.7%	24.62%
Service Charge Rate Adder(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	0.50	18.9349	9.47	0.50	33.0781	16.54	7.07	74.7%	31.76%
Distribution Volumetric Rate Adder(s)	0.50	0.0000	0.00	0.50	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	0.50	0.1103	0.06	0.50	0.1103	0.06	0.00	0.0%	0.12%
Distribution Volumetric Rate Rider(s)	0.50	-3.0344	-1.52	0.50	-0.5291	-0.26	1.26	(82.9)%	-0.50%
Total: Distribution			15.35			29.16	13.81	90.0%	55.99%
Retail Transmission Rate – Network Service Rate	0.50	1.4592	0.73	0.50	1.6686	0.83	0.10	13.7%	1.59%
Retail Transmission Rate - Line and Transformation Connection Service Rate	0.50	1.3220	0.66	0.50	1.4280	0.71	0.05	7.6%	1.36%
Total: Retail Transmission			1.39			1.54	0.15	10.8%	2.96%
Sub-Total: Delivery (Distribution and Retail Transmission)			16.74			30.70	13.96	83.4%	<b>58.95%</b>
Wholesale Market Service Rate	193	0.0052	1.00	193	0.0052	1.00	0.00	0.0%	1.92%
Rural Rate Protection Charge	193	0.0013	0.25	193	0.0013	0.25	0.00	0.0%	0.48%
Special Purpose Charge	193	0.0004	0.08	193	0.0004	0.08	0.00	0.0%	0.15%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.48%
Sub-Total: Regulatory			1.58			1.58	0.00	0.0%	3.03%
Debt Retirement Charge (DRC)	180	0.00700	1.26	180	0.00700	1.26	0.00	0.0%	2.42%
Total Bill before Taxes			32.13			46.09	13.96	43.4%	88.50%
HST	32.13	13%	4.18	46.09	13%	5.99	1.81	43.3%	11.50%
Total Bill			36.31			52.08	15.77	43.4%	100.00%

Loss Factor 1.0680

Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0End to the second second

Rate Class Threshold Test							
Sentinel Lighting							
0 0	kWh	70	130	18	30	270	360
Loss Factor A	djusted kWh	75	139	19	93	289	385
	, kW	0.20	0.35	0.5		0.75	1.00
	Load Factor	48.0%	50.9%	49.	3%	49.3%	49.3%
Energy							
	Applied For Bill	\$ 4.87	\$ 9.03	\$	12.54	\$ 18.78	\$25.02
	Current Bill		\$ 9.03	\$		\$ 18.78	\$25.02
	\$ Impact		\$-	\$		\$-	\$ -
	% Impact		0.0%		0.0%	0.0%	0.0%
	% of Total Bill	16.5%	21.9%		24.1%	26.6%	28.0%
Distribution		<b>0</b> 40 05	<b>•</b> • • • • • •	•	00.40		<b>•</b> 45 40
	Applied For Bill		\$ 24.25	\$		\$ 37.31	\$45.48
	Current Bill		\$ 12.95	\$		<u>\$ 19.34</u>	\$23.35
	\$ Impact % Impact		\$ 11.30 87.3%	\$	<u>13.81</u> 90.0%	<u>\$ 17.97</u> 92.9%	<u>\$22.13</u> 94.8%
	% of Total Bill	65.6%	67.3% 58.8%		90.0% 56.0%	92.9% 52.8%	
Retail Transmission	,, o or i otai Dii	00.070	00.070		00.070	02.070	00.070
	Applied For Bill	\$ 0.62	\$ 1.08	\$	1.54	\$ 2.32	\$ 3.10
	Current Bill		\$ 0.97	\$		\$ 2.08	\$ 2.78
		\$ 0.07	\$ 0.11	\$	0.15		\$ 0.32
	% Impact	12.7%	11.3%		10.8%	11.5%	11.5%
	% of Total Bill	2.1%	2.6%		3.0%	3.3%	3.5%
Delivery (Distribution and Retail Transmission)							
	Applied For Bill		\$ 25.33	\$		\$ 39.63	\$48.58
	Current Bill		\$ 13.92	\$		\$ 21.42	\$26.13
	\$ Impact		\$ 11.41	\$		\$ 18.21	\$ 22.45
	% Impact % of Total Bill	80.1% 67.7%	82.0% 61.5%		83.4% 59.0%	85.0% 56.1%	85.9% 54.4%
Regulatory		01.170	01.576		39.076	JU. 1 /0	J4.470
	Applied For Bill	\$ 0.77	\$ 1.21	\$	1.58	\$ 2.25	\$ 2.90
	Current Bill		\$ 1.21	Ψ \$		\$ 2.25	\$ 2.90
	\$ Impact		\$ -	\$		<u>\$ -</u>	\$ -
	% Impact		0.0%		0.0%	0.0%	0.0%
	% of Total Bill	2.6%	2.9%		3.0%	3.2%	3.2%
Debt Retirement Charge							
	Applied For Bill	\$ 0.49	\$ 0.91	\$		\$ 1.89	\$ 2.52
	Current Bill		\$ 0.91	\$		\$ 1.89	\$ 2.52
	\$ Impact		\$ -	\$		\$ -	\$ -
	% Impact	0.0%	0.0%		0.0%	0.0%	0.0%
00T	% of Total Bill	1.7%	2.2%		2.4%	2.7%	2.8%
GST	Applied For Dill	¢ 0.00	ф <u>л</u> д д д	¢	F 00	₱ 0.40	¢ 40.07
	Applied For Bill Current Bill		<b>\$ 4.74</b> <b>\$ 3.26</b>			\$8.13 \$5.76	\$ 10.27 \$ 7.35
		<u>\$ 2.24</u> \$ 1.15		<u>\$</u> \$		\$5.76 \$2.37	\$ 7.35 \$ 2.92
	% Impact		<u> </u>		43.3%	<u>41.1%</u>	
	% of Total Bill	11.5%	11.5%		11.5%	11.5%	
Total Bill							
	Applied For Bill	\$29.49	\$ 41.22	\$	52.07	\$ 70.68	\$89.29
	Current Bill		\$ 28.33	\$		\$ 50.10	\$63.92
	\$ Impact		\$ 12.89	\$		\$ 20.58	\$25.37
	% Impact	51.5%	45.5%		43.4%	41.1%	39.7%

Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0End County Hydro Inc.

#### Street Lighting

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	3.83	6.01
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	9.7995	15.3755
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	0.1081	0.1081
Distribution Volumetric Rate Rider(s)	\$/kW	- 3.1585	- 0.5301
Retail Transmission Rate – Network Service Rate	\$/kW	1.4519	1.6602
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2950	1.3989
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	37	kWh	0.10	kW
RPP Tier One	<b>750</b>	kWh	Load Factor	50.7%

Street Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	40	0.0650	2.60	40	0.0650	2.60	0.00	0.0%	20.52%
Energy Second Tier (kWh)	0	0.0750	0.00	0	0.0750	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			2.60			2.60	0.00	0.0%	20.52%
Service Charge	1	3.83	3.83	1	6.01	6.01	2.18	56.9%	47.43%
Service Charge Rate Adder(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	0.10	9.7995	0.98	0.10	15.3755	1.54	0.56	57.1%	12.15%
Distribution Volumetric Rate Adder(s)	0.10	0.0000	0.00	0.10	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	0.10	0.1081	0.01	0.10	0.1081	0.01	0.00	0.0%	0.08%
Distribution Volumetric Rate Rider(s)	0.10	-3.1585	-0.32	0.10	-0.5301	-0.05	0.27	(84.4)%	-0.39%
Total: Distribution			4.50			7.51	3.01	66.9%	59.27%
Retail Transmission Rate – Network Service Rate	0.10	1.4519	0.15	0.10	1.6602	0.17	0.02	13.3%	1.34%
Retail Transmission Rate - Line and Transformation Connection Service Rate	0.10	1.2950	0.13	0.10	1.3989	0.14	0.01	7.7%	1.10%
Total: Retail Transmission			0.28			0.31	0.03	10.7%	2.45%
Sub-Total: Delivery (Distribution and Retail Transmission)			4.78			7.82	3.04	63.6%	61.72%
Wholesale Market Service Rate	40	0.0052	0.21	40	0.0052	0.21	0.00	0.0%	1.66%
Rural Rate Protection Charge	40	0.0013	0.05	40	0.0013	0.05	0.00	0.0%	0.39%
Special Purpose Charge	40	0.0004	0.02	40	0.0004	0.02	0.00	0.0%	0.16%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	1.97%
Sub-Total: Regulatory			0.53			0.53	0.00	0.0%	4.18%
Debt Retirement Charge (DRC)	37	0.00700	0.26	37	0.00700	0.26	0.00	0.0%	2.05%
Total Bill before Taxes			8.17			11.21	3.04	37.2%	88.48%
HST	8.17	13%	1.06	11.21	13%	1.46	0.40	37.7%	11.52%
Total Bill			9.23			12.67	3.44	37.3%	100.00%

Loss Factor 1.0680

Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0End to the second second

Rate Class Threshold Test						
Street Lighting						
	kWh	37	73	110	146	183
Loss Factor A	djusted kWh	40	78	118	156	196
	kW	0.10	0.20	0.30	0.40	0.50
	Load Factor	50.7%	50.0%	50.3%	50.0%	50.2%
Energy						
A	pplied For Bill	\$ 2.60	\$ 5.07	\$ 7.6	7 \$ 10.14	\$12.74
	Current Bill	\$ 2.60	\$ 5.07	\$ 7.6	7 \$ 10.14	\$12.74
	\$ Impact	\$ -	\$-	\$-	\$-	\$ -
	% Impact		0.0%	0.0	% 0.0%	0.0%
	% of Total Bill	20.5%	28.1%	32.5	% 34.9%	36.8%
Distribution						
A	pplied For Bill		\$ 9.00	\$ 10.4		\$13.48
	Current Bill		\$ 5.18	\$ 5.8		
	\$ Impact		\$ 3.82	\$ 4.6		
	% Impact		73.7%	79.3		
	% of Total Bill	59.3%	49.8%	44.4	% 41.3%	38.9%
Retail Transmission	national Env D'II	¢ 0.04	¢ 0.01	¢	0 0 4 00	¢ 4 50
P	pplied For Bill		\$ 0.61	\$ 0.9		\$ 1.53
	Current Bill		\$ 0.55 \$ 0.06	\$ 0.8 \$ 0.0		
	\$ Impact % Impact	\$ 0.03 10.7%	\$ 0.06 10.9%	<del>په 0.0</del> 10.8	- + -	
	% of Total Bill	2.4%	3.4%	3.9		
Delivery (Distribution and Retail Transmission)		2.470	0.470	0.0	70 4.270	л. <del>т</del> .70
	pplied For Bill	\$ 7.82	\$ 9.61	\$ 11.4	1 \$ 13.21	\$15.01
,	Current Bill		\$ 5.73	\$ 6.6		
	\$ Impact		\$ 3.88	\$ 4.7		\$ 6.43
	% Impact		67.7%	70.8		
	% of Total Bill	61.7%	53.2%	48.3	% 45.5%	43.4%
Regulatory						
A	pplied For Bill	\$ 0.53	\$ 0.79	\$ 1.0	6 \$ 1.32	\$ 1.60
	Current Bill	\$ 0.53	\$ 0.79	\$ 1.0	6 \$ 1.32	\$ 1.60
	\$ Impact		\$-	\$-	\$-	\$ -
	% Impact	0.0%	0.0%	0.0		
	% of Total Bill	4.2%	4.4%	4.5	% 4.5%	4.6%
Debt Retirement Charge						
A	pplied For Bill		\$ 0.51	\$ 0.7		
	Current Bill		\$ 0.51	\$ 0.7		
	\$ Impact		\$ -	<u>\$</u>	<u>\$ -</u>	\$ -
	% Impact	0.0%	0.0%	0.0		
	% of Total Bill	2.1%	2.8%	3.3	% 3.5%	3.7%
GST	nulied Fee Dill	¢ 4.40	¢ 0.00	ф о 7	0 ¢ 0.04	¢ 0.00
F	opplied For Bill Current Bill		\$ 2.08 \$ 1.57			<mark>\$ 3.98</mark> \$ 3.15
	\$ Impact		\$ 1.57 \$ 0.51	\$ 2.1 \$ 0.6		
	% Impact		32.5%	<u> </u>		
	% of Total Bill	11.5%	11.5%	11.5		
Total Bill	,: :: : : : : : : : : : : : : : : : : :	11.070	11.070	11.0	,. 11.070	
	pplied For Bill	\$ 12.67	\$ 18.06	\$ 23.6	3 \$ 29.03	\$34.61
,	Current Bill		\$ 13.67	\$ 18.2		
		\$ 3.44	\$ 4.39	\$ 5.3		\$ 7.26
	% Impact		32.1%	29.3		
		-				

Haldimand County Hydro Inc. EB-2010-0086 APPENDIX B

# APPENDIX B

# 2011 IRM3 Revenue Cost Ratio Adjustment Work Form


Name of LDC: File Number: Effective Date: Version : 1.0 Haldimand County Hydro Inc. IRM3 Sunday, May 01, 2011

## **LDC Information**

Applicant Name	Haldimand County Hydro Inc.
OEB Application Number	IRM3
LDC Licence Number	ED-2002-0539
Applied for Effective Date	May 1, 2011
Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0265



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:Sunday, May 01, 2011Version : 1.0

### **Table of Contents**

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
B1.1 Re-Based Bill Det & Rates	Set Up Rate Classes and enter Re-Based Billing Determinants and Current Tariff Rates
B1.2 Removal of Rate Adders	Removal of Rate Adders
B1.3 Re-Based Rev From Rates	Calculated Current Revenue From Rates
C1.1 Decision Cost Revenue Adj	Decision - Cost Revenue Adjustments by Rate Class
C1.2 Revenue Offsets Allocation	Revenue Offsets Allocation
C1.3 Transformer Allowance	Transformer Allowance
C1.4 R C Ratio Revenue	Revenue / Cost Ratio Revenue
C1.5 Proposed R C Ratio Adj	Proposed Revenue / Cost Ratio Adjustment
C1.6 Proposed Revenue	Proposed Revenue from Revenue / Cost Ratio Adjustment
C1.7 Proposed F V Rev Alloc	Proposed Fixed Variable Revenue Allocation
C1.8 Proposed F V Rates	Proposed Fixed and Variable Rates
C1.9 Adjust To Proposed Rates	Adjustment required to Proposed Rates



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:Sunday, May 01, 2011Version : 1.0

## **Rate Class Selection, Re-Based Billing Determinants & Current Tariff Rates**

The purpose of this sheet is to set up the rate classes, enter the re-based billing determinants from your last cost of service application and enter the current service charge and volumetric distribution rates as found on your May 1, 2010 (or subsequent) Tariff of rates and charges.

	Last COS Re-based Year			2010					
	Last COS OEB Application Number			EB-2009-0265					
Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B		Current Tariff Service Charge D	Current Tariff Distribution Volumetric Rate kWh E	Current Tariff Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	18,534	171,936,412		12.23	0.0334	
GSLT50	General Service Less Than 50 kW	Customer	kWh	2,357	61,801,919		28.60	0.0202	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	143	110,031,720	298,148	102.48		5.3113
USL	Unmetered Scattered Load	Connection	kWh	84	482,264		20.51	0.0027	
Sen	Sentinel Lighting	Connection	kW	589	418,928	1,167	7.34		18.9349
SL	Street Lighting	Connection	kW	2,879	2,328,757	6,475	3.83		9.7995
EMB	Embedded Distributor	Customer	kW	8	83,184,875	276,949	181.51		0.5594
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						



DC: Haldimand County Hydro Inc. er: IRM3 ate: Sunday, May 01, 2011

### **Removal of Rate Adders**

The purpose of this sheet is to remove from current tariff rates any rate adders included in rates. Most applicants will not require input on this sheet

Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0265

Rate Class	Current Tariff Service Charge A	Current Tariff Distribution Volumetric Rate kWh B	Current Tariff Distribution Volumetric Rate kW C	Service Charge Rate Adders D	Volumetric	Distribution Volumetric kW Rate Adders F	Base Service Charge H = A - D	Base Distribution Volumetric Rate kWh I = B - E	
Residential	12.23	0.0334	0.0000	0.00	0.0000	0.0000	12.23	0.0334	
General Service Less Than 50 kW	28.60	0.0202	0.0000	0.00	0.0000	0.0000	28.60	0.0202	
General Service 50 to 4,999 kW	102.48	0.0000	5.3113	0.00	0.0000	0.0000	102.48	0.0000	
Unmetered Scattered Load	20.51	0.0027	0.0000	0.00	0.0000	0.0000	20.51	0.0027	
Sentinel Lighting	7.34	0.0000	18.9349	0.00	0.0000	0.0000	7.34	0.0000	
Street Lighting	3.83	0.0000	9.7995	0.00	0.0000	0.0000	3.83	0.0000	
Embedded Distributor	181.51	0.0000	0.5594	0.00	0.0000	0.0000	181.51	0.0000	

Base Distribution /olumetric Rate kW J = C - F 0.0000 0.0000 5.3113 0.0000 18.9349 9.7995 0.5594



Haldimand County Hydro Inc. IRM3 Sunday, May 01, 2011

## **Calculated Current Revenue From Rates**

The purpose of this sheet is to calculate current revenue from rate classes

Last COS Re-based Year

2010

Last COS OEB Application Number

EB-2009-0265

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Current Base Service Charge D	Current Base Distribution Volumetric Rate kWh E	Current Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requiremen t from Rates J = G + H + I
Residential	18,534	171,936,412	0	12.23	0.0334	0.0000	2,720,050	5,742,676	0	8,462,726
General Service Less Than 50 kW	2,357	61,801,919	0	28.60	0.0202	0.0000	808,922	1,248,399	0	2,057,321
General Service 50 to 4,999 kW	143	110,031,720	298,148	102.48	0.0000	5.3113	175,856	0	1,583,553	1,759,409
Unmetered Scattered Load	84	482,264	0	20.51	0.0027	0.0000	20,674	1,302	0	21,976
Sentinel Lighting	589	418,928	1,167	7.34	0.0000	18.9349	51,879	0	22,097	73,976
Street Lighting	2,879	2,328,757	6,475	3.83	0.0000	9.7995	132,319	0	63,452	195,771
Embedded Distributor	8	83,184,875	276,949	181.51	0.0000	0.5594	17,425	0	154,925	172,350
							3,927,125	6,992,377	1,824,028	12,743,529

Service Charge % Revenue K = G / J	Distribution Volumetric Rate % Revenue kWh L = H / J	Distribution Volumetric Rate % Revenue kW M = I / J	Total % Revenue N = J / R
32.1%	67.9%	0.0%	66.4%
39.3%	60.7%	0.0%	16.1%
10.0%	0.0%	90.0%	13.8%
94.1%	5.9%	0.0%	0.2%
70.1%	0.0%	29.9%	0.6%
67.6%	0.0%	32.4%	1.5%
10.1%	0.0%	89.9%	1.4%
			100.0%



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:Sunday, May 01, 2011Version : 1.0IRM3

### **Decision - Cost Revenue Adjustments by Rate Class**

The purpose of this sheet is to input the Revenue Cost Ratios as determined from column G on Sheet "C1.5 Proposed R C Ratio Adj" of the applicants 2010 IRM3 Supplemental Filing Module or 2010 COS Decision and Order.

Under Direction the applicant can choose "No Change" - no change in that rate class ratio, "Change" - Board ordered change from COS decision, or Rebalance to apply offset adjustments to Decision prescribed rate classes.

Rate Class	Direction	Current Year 2010	Transition Year 1 2011	Transition Year 2 2012	Transition Year 3 2013	Transition Year 4 2014	Transition Year 5 2015
Residential	No Change	99.86%	99.86%	99.86%	99.86%	99.86%	99.86%
General Service Less Than 50 kW	No Change	101.78%	101.78%	101.78%	101.78%	101.78%	101.78%
General Service 50 to 4,999 kW	Rebalance	124.64%	tbd	tbd	tbd	tbd	tbd
Unmetered Scattered Load	No Change	80.81%	80.81%	80.81%	80.81%	80.81%	80.81%
Sentinel Lighting	Change	43.09%	70.00%	70.00%	70.00%	70.00%	70.00%
Street Lighting	Change	46.20%	70.00%	70.00%	70.00%	70.00%	70.00%
Embedded Distributor	No Change	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:Sunday, May 01, 2011Version : 1.0Inc.

## **Revenue Offsets Allocation**

The purpose of this sheet is to allocate the Revenue Offsets (miscellaneous revenue) found in the last COS to the various rate classes in proportion to the allocation from the Cost Allocation informational filing.

Rate Class	Informational Filing Revenue Offsets A	Percentage Split C= A / B	Allocated Revenue Offsets E = D * C
Residential	781,920	71.79%	781,920
General Service Less Than 50 kW	177,248	16.27%	177,248
General Service 50 to 4,999 kW	93,209	8.56%	93,209
Unmetered Scattered Load	2,659	0.24%	2,659
Sentinel Lighting	14,131	1.30%	14,131
Street Lighting	19,396	1.78%	19,396
Embedded Distributor	581	0.05%	581
	1,089,144	100.00%	1,089,144
	В		D

D Enter revenue onsets as round in Cell F47 on sheet "C1.2 Revenue Offsets Allocation" of the 2010 IRM3 Supplemental Filing Module or from 2010 COS RRWF



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:Sunday, May 01, 2011Version : 1.0

### **Transformer Allowance**

The purpose of this sheet is to remove the transformer allowance from volumetric rates. Under Transformer Allowance in Rates select "Yes" if included in that rate class or "No" if not included.

Once selected apply the update button to reveal input cells in which you can input the number of kW's and the transfromer rate for each rate class.





Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:Sunday, May 01, 2011Version : 1.0IRM3

## **Revenue / Cost Ratio Revenue**

The purpose of this sheet is to calculate revenue by rate class that inlcudes Revenue Offsets and excludes Transformer Allowance prior to Revenue Cost Ratio Adjustment reallocation.

Rate Class	Billed Customers or Connections	Billed kWh	Billed kW			Base Distribution Volumetric Rate kWh	2.00.000.000	Service Charge	Distribution Volumetric Rate kWh	Volumetric Rate kW	Revenue Requirement from Rates	Offset	Adjusted Revenue
	Α	В	С		D	E	F	G = A * D *1	2 H = B * E	l = C * F	J = G + H + I	K	L = J + K
Residential	18,534	171,936,412	0	0	12.23	0.0334	0.0000	2,720,05	5,742,676	0	8,462,726	781,920	9,244,646
General Service Less Than 50 kW	2,357	61,801,919	0	0	28.60	0.0202	0.0000	808,92	1,248,399	0	2,057,321	177,248	2,234,569
General Service 50 to 4,999 kW	143	110,031,720	298,148	0	102.48	0.0000	4.9915	175,85	6 0	1,488,191	1,664,047	93,209	1,757,256
Unmetered Scattered Load	84	482,264	0	0	20.51	0.0027	0.0000	20,67	4 1,302	0	21,976	2,659	24,635
Sentinel Lighting	589	418,928	1,167	0	7.34	0.0000	18.9349	51,87	9 0	22,097	73,976	14,131	88,107
Street Lighting	2,879	2,328,757	6,475	0	3.83	0.0000	9.7995	132,31	9 0	63,452	195,771	19,396	215,167
Embedded Distributor	8	83,184,875	276,949	0	181.51	0.0000	0.5594	17,42	.5 0	154,925	172,350	581	172,931
								3,927,12	6,992,377	1,728,665	12,648,167	1,089,144	13,737,311
								0	Р	Q	R		



Name of LDC: Haldimand County Hydro Inc. File Number: IRM3 Effective Date: Sunday, May 01, 2011 Version : 1.0

## Proposed Revenue / Cost Ratio Adjustment

Rate Class	Adjusted Revenue	Cost Ratio	Re-Allocated Cost C = A / B	Proposed Revenue Cost Ratio	Revenue	Dol	lar Change	•
<b>—</b>	A	В	• • • • • =	D	E = C * D		= E - C	G = (E / C) - 1
Residential	\$ 9,244,646	1.00	\$ 9,257,607	1.00	\$ 9,244,646	\$	0	0.0%
General Service Less Than 50 kW	\$ 2,234,569	1.02	\$ 2,195,489	1.02	\$ 2,234,569	-\$	0	0.0%
General Service 50 to 4,999 kW	\$ 1,757,256	1.25	\$ 1,409,865	1.13	\$ 1,591,389	-\$	165,867	-9.4%
Unmetered Scattered Load	\$ 24,635	0.81	\$ 30,485	0.81	\$ 24,635	-\$	0	0.0%
Sentinel Lighting	\$ 88,107	0.43	\$ 204,472	0.70	\$ 143,131	\$	55,024	62.5%
Street Lighting	\$ 215,167	0.46	\$ 465,729	0.70	\$ 326,010	\$	110,843	51.5%
Embedded Distributor	\$ 172,931	1.00	\$ 172,931	1.00	\$ 172,931	\$	-	0.0%
	\$13,737,311		\$13,736,579		\$ 13,737,311	-\$	0	0.0%
		-		-				
				Out of Balance	-			

Final?<mark>Yes</mark>



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:Sunday, May 01, 2011Version : 1.0IRM3

## Proposed Revenue from Revenue / Cost Ratio Adjustment

Rate Class	R	Adjusted evenue By evenue Cost Ratio A	Allocated Re- ased Revenue Offsets B	Revenue quirement from Rates Before Transformer Allowance C = A - B	Tra	e-based Insformer Iowance D	Revenue Requirement from Rates E = C + D
Residential	\$	9,244,646	\$ 781,920	\$ 8,462,726	\$	-	\$ 8,462,726
General Service Less Than 50 kW	\$	2,234,569	\$ 177,248	\$ 2,057,321	\$	-	\$ 2,057,321
General Service 50 to 4,999 kW	\$	1,591,389	\$ 93,209	\$ 1,498,180	\$	95,362	\$ 1,593,542
Unmetered Scattered Load	\$	24,635	\$ 2,659	\$ 21,976	\$	-	\$ 21,976
Sentinel Lighting	\$	143,131	\$ 14,131	\$ 129,000	\$	-	\$ 129,000
Street Lighting	\$	326,010	\$ 19,396	\$ 306,614	\$	-	\$ 306,614
Embedded Distributor	\$	172,931	\$ 581	\$ 172,350	\$	-	\$ 172,350
	\$	13,737,311	\$ 1,089,144	\$ 12,648,167	\$	95,362	\$12,743,529



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:Sunday, May 01, 2011Version : 1.0IRM3

## Proposed Fixed Variable Revenue Allocation

	Revenue		Distribution Volumetric Rate	Distribution Volumetric Rate		_	Distribution	_	Distribution Iumetric Rate		Revenue equireme
Rate Class	Requirement from Rates	Service Charge % Revenue	% Revenue kWh	% Revenue kW	vice Charge Revenue	;	Revenue kWh		Revenue kW		om Rates Rate Class
	Α	В	С	D	E = A * B		F = A * C		G = A * D	н	= E + F +
Residential	\$ 8,462,726	32.1%	67.9%	0.0%	\$ 2,720,050	\$	5,742,676	\$	-	\$	8,462,72
General Service Less Than 50 kW	\$ 2,057,321	39.3%	60.7%	0.0%	\$ 808,922	\$	1,248,399	\$	-	\$	2,057,32
General Service 50 to 4,999 kW	\$ 1,593,542	10.0%	0.0%	90.0%	\$ 159,277	\$	-	\$	1,434,265	\$	1,593,54
Unmetered Scattered Load	\$ 21,976	94.1%	5.9%	0.0%	\$ 20,674	\$	1,302	\$	-	\$	21,9
Sentinel Lighting	\$ 129,000	70.1%	0.0%	29.9%	\$ 90,467	\$	-	\$	38,533	\$	129,00
Street Lighting	\$ 306,614	67.6%	0.0%	32.4%	\$ 207,236	\$	-	\$	99,378	\$	306,6
Embedded Distributor	\$ 172,350	10.1%	0.0%	89.9%	\$ 17,425	\$	-	\$	154,925	\$	172,3
	\$12,743,529				\$ 4,024,052	\$	6,992,377	\$	1,727,101	\$	12,743,52
										<u> </u>	

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 1,976

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 3,529



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:Sunday, May 01, 2011 Version : 1.0

## **Proposed Fixed and Variable Rates**

	Service	<b>Distribution Volumetric</b>		Re-based Billed			Proposed	Proposed Base	Proposed Base
Rate Class	Charge Revenue	Rate Revenue kWh	Rate Revenue kW	Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Base Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW
	Α	В	С	D	E	F	G = A / D / 12	H = B / E	I = C / F
Residential	\$2,720,050	\$ 5,742,676	\$ -	18,534	171,936,412	2 0	12.23	0.0334	-
General Service Less Than 50 kW	\$ 808,922	\$ 1,248,399	\$ -	2,357	61,801,919	0	28.60	0.0202	-
General Service 50 to 4,999 kW	\$ 159,277	\$-	\$ 1,434,265	143	110,031,720	298,148	92.82	-	4.8106
Unmetered Scattered Load	\$ 20,674	\$ 1,302	\$ -	84	482,264	0	20.51	0.0027	-
Sentinel Lighting	\$ 90,467	\$-	\$ 38,533	589	418,928	1,167	12.80	-	33.0187
Street Lighting	\$ 207,236	\$-	\$ 99,378	2,879	2,328,757	6,475	6.00	-	15.3479
Embedded Distributor	\$ 17,425	\$-	\$ 154,925	8	83,184,875	276,949	181.51	-	0.5594

#### kW



Name of LDC: File Number: Effective Date: Version : 1.0

Haldimand County Hydro Inc. IRM3 Sunday, May 01, 2011

## Adjustment required to Proposed Rates

Rate Class	Proposed Base Service Charge	Ba Distri Volu Rate	imetric e kWh	Dist Vol	oposed Base tribution lumetric ate kW	Service Charge	Dis Vo	lumetric ate kWh	Dis Vo	Current Base stribution lumetric ate kW	Red B Se Cł	ase ervice narge	Req Di Vo R	ljustment uired Base stribution blumetric ate kWh	Rec Di V	istribution olumetric Rate kW
	Α		В		С	D		E		F		= A - D	r -	l = B - E		l = C - F
Residential	\$ 12.23	\$ C	0.0334	\$	-	\$ 12.23	\$	0.0334	\$	-	\$	-	\$	-	\$	-
General Service Less Than 50 kW	\$ 28.60	\$ (	0.0202	\$	-	\$ 28.60	\$	0.0202	\$	-	\$	-	\$	-	\$	-
General Service 50 to 4,999 kW	\$ 92.82	\$	-	\$	4.8106	\$102.48	\$	-	\$	5.3113	-\$	9.66	\$	-	-\$	0.5007
Unmetered Scattered Load	\$ 20.51	\$ (	0.0027	\$	-	\$ 20.51	\$	0.0027	\$	-	\$	-	\$	-	\$	-
Sentinel Lighting	\$ 12.80	\$	-	\$	33.0187	\$ 7.34	\$	-	\$	18.9349	\$	5.46	\$	-	\$	14.0838
Street Lighting	\$ 6.00	\$	-	\$	15.3479	\$ 3.83	\$	-	\$	9.7995	\$	2.17	\$	-	\$	5.5484
Embedded Distributor	\$ 181.51	\$	-	\$	0.5594	\$181.51	\$	-	\$	0.5594	\$	-	\$	-	\$	-

Enter the above values onto Sheet "D1.X Revenue Cost Ratio Adj" of the 2011 OEB IRM3 Rate Generator.

Adjustment equired Base Distribution Volumetric

> --0.5007 -14.0838 5.5484 -



Haldimand County Hydro Inc. EB-2010-0086 APPENDIX C

## APPENDIX C

## 2011 IRM3 Shared Tax Savings Work Form



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:May 1, 2011Version : 1.0Inc.

## **LDC** Information

Applicant Name	Haldimand County Hydro Inc.
OEB Application Number	IRM3
LDC Licence Number	ED-2002-0539
Applied for Effective Date	May 1, 2011
Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0265



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:May 1, 2011Version : 1.0Image: 1.0

## **Table of Contents**

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
B1.1 Re-Based Bill Det & Rates	Set Up Rate Classes and enter Re-Based Billing Determinants and Tariff Rates
B1.3 Re-Based Rev From Rates	Calculated Re-Based Revenue From Rates
F1.1 Z-Factor Tax Changes	Sharing formula for Tax changes - this is very preliminary
F1.3 Calc Tax Chg RRider Var	Option B - Calculation of Tax Sharing Rate Rider - Volumetric Allocation



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:May 1, 2011Version : 1.0Image: 1.0 minimum statement stateme

## Rate Class and Re-Based Billing Determinants & Rates

Last COS Re-based Year

Last COS OEB Application Number

2010 EB-2009-0265

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B		Rate ReBal Base Service Charge D	Rate ReBal Base Distribution Volumetric Rate kWh E	Rate ReBal Base Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	18,534	171,936,412		12.23	0.0334	
GSLT50	General Service Less Than 50 kW	Customer	kWh	2,357	61,801,919		28.60	0.0202	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	143	110,031,720	298,148	92.82		4.8106
USL	Unmetered Scattered Load	Connection	kWh	84	482,264		20.51	0.0027	
Sen	Sentinel Lighting	Connection	kW	589	418,928	1,167	12.80		33.0187
SL	Street Lighting	Connection	kW	2,879	2,328,757	6,475	6.00		15.3479
EMB	Embedded Distributor	Customer	kW	8	83,184,875	276,949	181.51		0.5594
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						

Enter "Rate ReBal Base" rates from Sheet "E1.1 Rate Reb Base Dist Rts Gen" of your 2011 IRM3 Rate Generator.



Haldimand County Hydro Inc. IRM3 May 1, 2011

### **Calculated Re-Based Revenue From Rates**

Last COS Re-based Year

Last COS OEB Application Number

EB-2009-0265

2010

Re-based Rate ReBal Rate ReBal **Distribution Distribution Distribution Distribution** Billed Rate ReBal Base Base Volumetric Volumetric Revenue Volumetric Volumetri Customers Base **Distribution Distribution** Service Rate Rate Requireme Service Rate % Rate % or Re-based Re-based Service Volumetric Volumetric Charge Revenue Revenue nt from Charge % Revenue Revenu Rate Class Connections Billed kWh Billed kW Charge Rate kWh Rate kW kWh kW kWh kW Revenue Rates Revenue С F \*12 H = B \* E l = C \* F M = I / JΑ в D Е 1 K = G / J L = H/JResidential 18,534 171,936,412 12.23 0.0334 0.0000 2,720,050 5,742,676 0 8,462,726 32.1% 67.9% 0.0% 0 General Service Less Than 50 kW 2,357 61,801,919 28.60 0.0202 0.0000 808,922 1,248,399 2,057,321 39.3% 60.7% 0.0% 0 0 General Service 50 to 4,999 kW 143 110,031,720 298,148 92.82 0.0000 4.8106 159,279 0 1,434,271 1,593,550 10.0% 0.0% 90.0% Unmetered Scattered Load 84 482,264 0 20.51 0.0027 0.0000 20,674 1,302 0 21,976 94.1% 5.9% 0.0% Sentinel Lighting 0.0000 90,470 0.0% 29.9% 589 418,928 1,167 12.80 33.0187 0 38,533 129,003 70.1% Street Lighting 207,288 2,879 2,328,757 6,475 6.00 0.0000 15.3479 99,378 306,666 67.6% 0.0% 32.4% 0 Embedded Distributor 83,184,875 276,949 181.51 0.0000 0.5594 17,425 0 154,925 172,350 10.1% 0.0% 89.9% 8 4,024,109 6,992,377 1,727,107 12,743,592 R

0 Q Р

C	r	I
i	С	

)	
е	Total %
	Revenue
J	N = J/R
	66.4%
	16.1%
	12.5%
	0.2%
	1.0%
	2.4%
	1.4%
	100.0%



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:May 1, 2011Version : 1.0Inc.

## Z-Factor Tax Changes

#### Summary - Sharing of Tax Change Forecast Amounts

1. Tax Related Amounts Forecast from Capital Tax Rate Changes	2010	2011	2012	2013
Taxable Capital	\$40,215,213	\$40,215,213	\$40,215,213	\$40,215,213
Deduction from taxable capital up to \$15,000,000	\$15,000,000	\$15,000,000	\$15,000,000	\$15,000,000
Net Taxable Capital	\$25,215,213	\$25,215,213	\$25,215,213	\$25,215,213
Rate	0.150%	0.000%	0.000%	0.000%
Ontario Capital Tax (Deductible, not grossed-up)	\$ 18,756	\$-	\$-	\$-
2. Tax Related Amounts Forecast from Income Tax Rate Changes Regulatory Taxable Income	<b>2010</b> \$ 1,755,065	<b>2011</b> \$ 1,755,065	<b>2012</b> \$ 1,755,065	<b>2013</b> \$ 1,755,065
Corporate Tax Rate	29.79%	28.25%	26.25%	25.50%
Tax Impact	\$ 522,820	\$ 495,771	\$ 460,687	\$ 447,471
Other tax Credits	-\$ 44,342	-\$ 44,342	-\$ 44,342	-\$ 44,342
Tax Impact after other tax Credits	\$ 478,478	\$ 451,429	\$ 416,345	\$ 403,129
Gross-up	\$ 203,010	\$ 177,723	\$ 148,183	\$ 137,955
Grossed-up Tax Amount	\$ 681,487	\$ 629,151	\$ 564,528	\$ 541,084
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ 18,756	\$-	\$-	\$-
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 681,487	\$ 629,151	\$ 564,528	\$ 541,084
Total Tax Related Amounts	\$ 700,243	\$ 629,151	\$ 564,528	\$ 541,084
Incremental Tax Savings		-\$ 71,092	-\$ 135,715	-\$ 159,159
Sharing of Tax Savings (50%)		-\$ 35,546	-\$ 67,858	-\$ 79,580



Name of LDC:Haldimand County Hydro Inc.File Number:IRM3Effective Date:May 1, 2011Version : 1.0Inc.

## Calculate Tax Change Rate Rider Volumetric

Rate Class	Total Revenue \$ by Rate Class A	Total Revenue % by Rate Class B = A / \$H	Total Z-Factor Tax Change\$ by Rate Class C = \$I * B	Billed kWh D	Billed kW E
Residential	\$8,462,726.0008	66.41%	-\$23,605	171,936,412	0
General Service Less Than 50 kW	\$2,057,321	16.14%	-\$5,739	61,801,919	0
General Service 50 to 4,999 kW	\$1,593,550	12.50%	-\$4,445	110,031,720	298,148
Unmetered Scattered Load	\$21,976	0.17%	-\$61	482,264	0
Sentinel Lighting	\$129,003	1.01%	-\$360	418,928	1,167
Street Lighting	\$306,666	2.41%	-\$855	2,328,757	6,475
Embedded Distributor	\$172,350	1.35%	-\$481	83,184,875	276,949
	\$12,743,592	100.00%	-\$35,546		
	Н		-		
			I		



Enter the above value onto Sheet "J2.7 Tax Change Rate Rider" of the 2011 IRM3 Rate Generator.

Haldimand County Hydro Inc. EB-2010-0086 APPENDIX D

# APPENDIX D

## 2011 IRM3 Deferral and Variance Account Work Form

1. All Rate Classes, excluding Embedded Distributor – Hydro One Networks Inc. ("HONI")



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0Yersion : 2.0

### **LDC Information**

Applicant Name	Haldimand County Hydro Inc.
OEB Application Number	EB-2010-0086
LDC Licence Number	ED-2002-0539
Applied for Effective Date	May 1, 2011
Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0265
Billing Determinants	2010 COS Forecast
Global Adjustment Elections	

Global Adjustment Recovery Separate Distribution Charge	Yes
Global Adjustment Recovery as Electricity Component	No



Name of LDC: File Number: Effective Date: Version : 2.0

C: Haldimand County Hydro Inc. r: EB-2010-0086 ate: May 1, 2011

#### **Table of Contents**

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
A3.1 Sheet Selection	Set up worksheets for data input
B1.3 Rate Class And Bill Det	Rate Class and 2008 Billing Determinants
C1.3 2010 Transfer to 1595 COS	2010 Board Approved Transfer of 2008 Deferral/Variance accounts to 1595 COS
D1.5 Def Var - Cont Sch 2009	Deferral Variance - Continuity Schedule 2009
D1.6 Def Var - Con Sch Final	Deferral Variance - Continuity Schedule Final
E1.1 Threshold Test	Threshold Test
F1.1 Cost Allocation kWh	Cost Allocation - kWh
F1.2 Cost Allocation Non-RPPkWh	Cost Allocation - Non-RPP kWh
G1.1a Calculation Rate Rider	Calculation of Deferral Variance Recovery Rate Rider without Global Adjustment
G1.1b Dist Glob Adj Rate Rider	Calculation of Delivery Component Global Adjustment Rate Rider
G1.2 Request for Clearance	Request for Clearance of Deferral and Variance Accounts



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0Enter State St

### **Sheet Selection - Show / Hide**

Sheet	Show / Hide	Purpose of Sheet
B1.1 2006 Reg Assets	Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
B1.2 2006 Reg Ass Prop Shr	Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
C1.0 2006 Reg Asset Recovery	Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
C1.1 2008 Transfer to 1595 COS	Hide	To be used by distributor that disposed Deferral / Variance Accounts in a 2008 COS
C1.2 2009 Transfer to 1595 COS	Hide	To be used by distributor that disposed Deferral / Variance Accounts in a 2009 COS
C1.3 2010 Transfer to 1595 COS	Show	To be used by distributor that disposed Deferral / Variance Accounts in a 2010 COS
C1.4 2010 Transfer to 1595 IRM	Hide	To be used by distributor that disposed Deferral / Variance Accounts in a 2010 IRM
D1.1 Def Var - Cont Sch 2005	Hide	To be used by distributor that has not previously disposed 2005 Deferral / Variance Accounts
D1.2 Def Var - Cont Sch 2006	Hide	To be used by distributor that has not previously disposed 2006 Deferral / Variance Accounts
D1.3 Def Var - Cont Sch 2007	Hide	To be used by distributor that has not previously disposed 2007 Deferral / Variance Accounts
D1.4 Def Var - Cont Sch 2008	Hide	To be used by distributor that has not previously disposed 2008 Deferral / Variance Accounts
F1.3 Cost Allocation 1590	Hide	To be used by distributor that has not previously disposed of residual 1590 Account
F1.4 Cost Allocation 1595	Hide	To be used by a 2008 COS distributor that is clearing its one year Deferral /Varaince disposition rate rider



Name of LDC: File Number: Effective Date: Version : 2.0

Haldimand County Hydro Inc. EB-2010-0086 May 1, 2011

## **Rate Class and Billing Determinants**

#### 2010 COS Forecast

Rate Group	Rate Class	Fixed Metric	Vol Metric	Metered kWh	Metered kW	Billed kWh for Non- RPP customers
RES	Residential	Customer	kWh	171,936,412		24,848,250
GSLT50	General Service Less Than 50 kW	Customer	kWh	61,801,919		11,181,821
GSGT50	General Service 50 to 4,999 kW	Customer	kW	110,031,720	298,148	99,762,460
Sen	Sentinel Lighting	Connection	kW	418,928	1,167	54,532
SL	Street Lighting	Connection	kW	2,328,757	6,475	2,289,052
USL	Unmetered Scattered Load	Connection	kWh	482,264		0
NA	Rate Class 7	NA	NA			
NA	Rate Class 8	NA	NA			
NA	Rate Class 9	NA	NA			
NA	Rate Class 10	NA	NA			
NA	Rate Class 11	NA	NA			
NA	Rate Class 12	NA	NA			
NA	Rate Class 13	NA	NA			
NA	Rate Class 14	NA	NA			
NA	Rate Class 15	NA	NA			
NA	Rate Class 16	NA	NA			
NA	Rate Class 17	NA	NA			
NA	Rate Class 18	NA	NA			
NA	Rate Class 19	NA	NA			
NA	Rate Class 20	NA	NA			
NA	Rate Class 21	NA	NA			
NA	Rate Class 22	NA	NA			
NA	Rate Class 23	NA	NA			
NA	Rate Class 24	NA	NA			
NA	Rate Class 25	NA	NA			
						138,136,115



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0Version : 2.0

### 2010 Board Approved Transfer of 2008 Deferral/Variance accounts to 1595 COS

OEB Decision EB-2009-0265				
Disposition Recovery Sunset Date				
April 30, 2011				
Pata Didar Pasayary Complete and 1505 Palance Elizible for Pasidual Dispesition	No			
Rate Rider Recovery Complete and 1595 Balance Eligible for Residual Disposition	No			
			• • •	
	Account Number	Principal Amounts	Interest Amount	Total Balan
Account Description				
Group 1 Accounts				
LV Variance Account	1550	(280,877.00)	(25,345.00)	(306,222.0
RSVA - Wholesale Market Service Charge	1580	(883,697.00)	(46,898.00)	(930,595.0
RSVA - Retail Transmission Network Charge	1584	(1,428.00)	(28,270.00)	(29,698.0
RSVA - Retail Transmission Connection Charge	1586	167,836.00	(14,854.00)	152,982.0
RSVA - Power (Excluding Global Adjustment)	1588	(143,201.00)	365,349.00	222,148.0
RSVA - Power (Global Adjustment Sub-account) - when not a separate rate rider	1588	214,151.00	26,635.00	240,786.0
Recovery of Regulatory Asset Balances	1590	489,653.00	(96,657.00)	392,996.0
Sub-Total - Group 1 Accounts		(437,563.00)	179,960.00	(257,603.0
Group 2 Accounts Other Regulatory Assets - Sub-Account - OEB Cost Assessments	1508	0.00	0.00	0.0
Other Regulatory Assets - Sub-Account - Pension Contributions	1508	178,327.00	27,455.00	205.782.0
Other Regulatory Assets - Sub-Account Deferred IFRS Transition Costs	1508	0.00	0.00	203,782.
Other Regulatory Assets - Sub-Account Defender RS Transition Costs Other Regulatory Assets - Sub-Account - Other	1508	0.00	0.00	0.
5 ,	1508	0.00	0.00	0.
Other Regulatory Assets - Sub-Account - Other Retail Cost Variance Account - Retail	1508	313,279.00	38,612.00	351,891.
Retail Cost Variance Account - STR	1518	3,781.00	1,065.00	4,846.
Misc. Deferred Debits	1546	0.00	0.00	,
Renewable Connection Capital Deferral Account	1525	0.00	0.00	0.0
Renewable Connection OM&A Deferral Account	1531	0.00	0.00	0.0
Smart Grid Capital Deferral Account	1532	0.00	0.00	0.0
Smart Grid OM&A Deferral Account	1535	0.00	0.00	0.0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital - when not a separate rate rider	1555	0.00	0.00	0.
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries - when not a separate rate rider	1555	0.00	0.00	0.
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs - when not a separate rate rider		0.00	0.00	
	1555 1556	0.00	0.00	0.0
Smart Meter OM&A Variance - when not a separate rate rider				
Conservation and Demand Management Expenditures and Recoveries CDM Contra	1565 1566	0.00	0.00	0.0
Qualifying Transition Costs	1500	(407,342.00)	(123,050.00)	(530,392.0
Pre-Market Opening Energy Variances Total	1570	0.00	0.00	(000,092.0
Extra-Ordinary Event Costs	1571	0.00	0.00	0.0
Deferred Rate Impact Amounts	1572	0.00	0.00	0.0
RSVA - One-time Wholesale Market Service	1574	0.00	0.00	0.0
Other Deferred Credits	2425	0.00	0.00	0.0
Sub-Total - Group 2 Accounts		88,045.00	(55,918.00)	32,127.0
Disposition and recovery of Regulatory Balances Account	1595	349,518.00	(124,042.00)	225,476.
Rate Rider Recovery				
Deferral Variance Recovery May 1, 2010 to December 31, 2010	1595	(233,012.00)	82,694.67	(150,317.3
Deferral Variance Recovery Jan 1, 2011 to December 31, 2010	1595	(116,506.00)	41,347.33	(75,158.6
Deferral Variance Recovery Jan 1, 2011 to December 31, 2012	1595	0.00	0.00	(73,138.0
Deferral Variance Recovery Jan 1, 2012 to December 31, 2012	1595	0.00	0.00	0.
Deferral Variance Recovery Jan 1, 2013 to December 31, 2013	1595	0.00	0.00	0. 0.
Deferral Variance Recovery Jan 1, 2014 to December 31, 2014 Deferral Variance Recovery Jan 1, 2015 to December 31, 2015	1595	0.00	0.00	0.
Balance of Disposition and recovery of Regulatory Balances Account	1595	0.00	0.00	0.0
Jaianos or Disposition and recovery or negulatory Datances Account	1090	0.00	0.00	0.

#### Smart Meter Recovery as a separate Rate Rider

Smart Meter Recovery Sunset Date April 30, 2014

Rate Rider Recovery Complete and 1595 Balance Eligible for Residual Disposition

	Account Number	Principal Amounts	Interest Amount	Total Balance
Account Description				
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital - when a separate rate rider	1555	0.00	0.00	0.00
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries - when a separate rate rider	1555	0.00	0.00	0.00
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs - when a separate rate rider	1555	0.00	0.00	0.00
Smart Meter OM&A Variance - when a separate rate rider	1556	0.00	0.00	0.00
Disposition and recovery of Smart Meter Balances Account	1595	0.00	0.00	0.00
Rate Rider Recovery				
Smart Meter Recovery May 1, 2010 to December 31, 2010	1595	0.00	0.00	0.00
Smart Meter Recovery Jan 1, 2011 to December 31, 2011	1595	0.00	0.00	0.00
Smart Meter Recovery Jan 1, 2012 to December 31, 2012	1595	0.00	0.00	0.00
Smart Meter Recovery Jan 1, 2013 to December 31, 2013	1595	0.00	0.00	0.00
Smart Meter Recovery Jan 1, 2014 to December 31, 2014	1595	0.00	0.00	0.00
Smart Meter Recovery Jan 1, 2015 to December 31, 2015	1595	0.00	0.00	0.00
Balance of Disposition and recovery of Smart Meter Balances Account	1595	0.00	0.00	0.00

APPENDIX D Page 5 of 15 Haldimand(ExcludesHONI)\_2011 IRM3 Deferral & Variance Account Workform\_20101029.XLS C1.3 2010 Transfer to 1595 COS



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0End State Stat

## 2010 Board Approved Transfer of 2008 Deferral/Variance accounts to 1595 COS

OEB Decision EB-2009-0265				
Global Adjustment as a separate Rate Rider				
Global Adjustment Recovery Sunset Date				
April 30, 2011				
Rate Rider Recovery Complete and 1595 Balance Eligible for Residual Disposition	No			
	Account Number	Principal Amounts	Interest Amount	Total Balance
Account Description				
RSVA - Power (Global Adjustment Sub-account) - when a separate rate rider	1588	214,151.00	26,635.00	240,786.00
Disposition and recovery of Regulatory Balances Account	1595	(214,151.00)	(26,635.00)	(240,786.00)
Rate Rider Recovery				
Deferral Variance Recovery May 1, 2010 to December 31, 2010	1595	142,767.33	17,756.67	160,524.00
Deferral Variance Recovery Jan 1, 2011 to December 31, 2011	1595	71,383.67	8,878.33	80,262.00
Deferral Variance Recovery Jan 1, 2012 to December 31, 2012	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2013 to December 31, 2013	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2014 to December 31, 2014	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2015 to December 31, 2015	1595	0.00	0.00	0.00
Balance of Disposition and recovery of Regulatory Balances Account	1595	0.00	0.00	0.00

APPENDIX D Page 6 of 15 Haldimand(ExcludesHONI)\_2011 IRM3 Deferral & Variance Account Workform\_20101029.XLS C1.3 2010 Transfer to 1595 COS



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0Enter State St

### **Deferral Variance - Continuity Schedule 2009**

Account Description	Account Number	Opening Principal Amounts as of Jan-1- 09	Transactions (additions) during 2009, excluding interest and adjustments 1	Transactions (reductions) during 2009, excluding interest and adjustments 1	Adjustments during 2009 - instructed by Board 2	Adjustments during 2009 - other 3	Transfer Residual Amount of USoA 1595	Closing Principal Balance as of Dec-31- 09
Account Description								
LV Variance Account	1550	0	132,512	(303,305)				(170,793 )
RSVA - Wholesale Market Service Charge	1580	0		(258,835)				(258,835)
RSVA - Retail Transmission Network Charge	1584	0		(39,183)				(39,183)
RSVA - Retail Transmission Connection Charge	1586	0		(83,098)				(83,098)
RSVA - Power (Excluding Global Adjustment)	1588	0	47,279					47,279
RSVA - Power (Global Adjustment Sub-account)	1588	0		(370,358)				(370,358)
Description of Demolstration Access Delegance	4500	0						0
Recovery of Regulatory Asset Balances	1590	0						0
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0					0	0
Total		0	179,791	(1,054,778)	0	0	0	(874,987)

<sup>1</sup> For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.

<sup>2</sup> Provide supporting evidence i.e. Board Decision, CRO Order, etc.

<sup>3</sup> Provide supporting statement indicating nature of this adjustments and periods they relate to

<sup>4</sup> This records the values of amounts removed from Group One accounts in previous proceedings; but does not enter offsets for disposition of 1590, as recovery has not been completed.

Opening Interest Amounts as of Jan-1- 09	Interest Jan-1 to Dec31-09	Transfer of Board-approved 2007 interest amounts to 1595 (2009 COS)	Closing Interest Amounts as of Dec- 31-09	-		RRR Filing Amount as of Dec-31-09	Difference
				Α	В	С	D = A + B - C
0	(486)		(486 )	(171,278)	(305,707)	(476,985)	(0)
0	(810)		(810)	(259,645)	(928,975)	(1,188,620)	0
0	219		219	(38,964)	(29,695)	(68,659)	(0)
0	(17)		(17)	(83,114)	152,674	69,559	1
0	(623)		(623 )	46,656	222,411	269,067	(0)
0	(1,323)		(1,323)	(371,680)	240,393	(131,287)	(0)
0	(0)		(0)	(0)	392,098	392,099	(1)
0		0	0	0			
0	(3,039)	0	(3,039 )	(878,026)			

All Customer Rate Classes Except Embedded Distributor - Hydro One Networks Inc. ("HONI")



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0Enter State St

## **Deferral Variance - Continuity Schedule Final**

	Account Number	Amounte se of Isn-1.	Adjustments - Please explain	Principal Amounts to be disposed	Opening Interest Amounts as of Jan-1-10	Interest on Board-approved 2008 amounts prior to transfer Jan-1, 2010 to Date of Transfer	Adjustments - Please explain	Projected Interest on Dec 31 -09 balance from Jan 1, 2010 to Dec 31, 2010 1	Projected Interest on Dec 31 -09 balance from Jan 1, 2011 to April 30, 2011	Interest Amounts to be disposed	Total Claim
Account Description		Α	В	C = A + B	D	Е	F	G	Ĥ	I = D + E + F + G +H	J = C + I
LV Variance Account	1550	(170,793)		(170,793 )	(486 )			(1,232)	(500)	(2,217 )	(173,010)
RSVA - Wholesale Market Service Charge	1580	(258,835)		(258,835)	(810)			(1,867)	(757)	(3,434 )	(262,269)
RSVA - Retail Transmission Network Charge	1584	(39,183)		(39,183)	219			(283)	(115)	(178)	(39,361)
RSVA - Retail Transmission Connection Charge	1586	(83,098)		(83,098)	(17)			(599)	(243)	(859)	(83,957)
RSVA - Power (Excluding Global Adjustment)	1588	47,279		47,279	(623)			341	138	(144)	47,136
RSVA - Power (Global Adjustment Sub-account)		(370,358)		(370,358)	(1,323)			(2,672)	(1,084)	(5,078)	(375,436)
Recovery of Regulatory Asset Balances	1590	0		0	(0)			0	0	(0)	(0)
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0		0	0			0	0	0	0
		(07 ( 007 )		(074,007)	(0,000.)				(0.500.)	((1.0.1.)	
Total		(874,987)	0	(874,987)	(3,039)	0	0	(6,312)	(2,560)	(11,911)	(886,898)
											-

<sup>1</sup> Interest projected on December 31, 2009 closing principal balance.

Month	Prescribed Rate	Monthly Interest
January 31, 2010	0.55	0.0467
February 28, 2010	0.55	0.0422
March 31, 2010	0.55	0.0467
April 30, 2010	0.55	0.0452
May 31, 2010	0.55	0.0467
June 30, 2010	0.55	0.0452
July 31, 2010	0.89	0.0756
August 31, 2010	0.89	0.0756
September 30, 2010	0.89	0.0732
October 31, 2010	0.89	0.0756
November 30, 2010	0.89	0.0732
December 31, 2010	0.89	0.0756
Effective Rate		0.7214

Month	Prescribed Rate	I
January 31, 2011	0.89	
February 28, 2011	0.89	
March 31, 2011	0.89	
April 30, 2011	0.89	
Effective Rate		

Monthly Interest	
0.0756	
0.0683	
0.0756	
0.0732	
0.2926	
	0.0756 0.0683 0.0756 0.0732

### All Customer Rate Classes Except Embedded Distributor - Hydro One Networks Inc. ("HONI")



Name of LDC: File Number: Effective Date: Version : 2.0

Haldimand County Hydro Inc EB-2010-0086 May 1, 2011

## **Threshold Test**

Billed kWh B
171,936,412
61,801,919
110,031,720
418,928
2,328,757
482,264
347,000,000
(886,898)
- 0.002556



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0Version : 2.0

## **Cost Allocation - kWh**

Rate Class	Billed kWh	% kWh						Total
			1550	1580	1584	1586	1588 1	
Residential	171,936,412	49.5%	(85,725)	(129,953)	(19,503)	(41,600)	23,355	(253,426)
General Service Less Than 50 kW	61,801,919	17.8%	(30,814)	(46,711)	(7,010)	(14,953)	8,395	(91,093)
General Service 50 to 4,999 kW	110,031,720	31.7%	(54,860)	(83,164)	(12,481)	(26,622)	14,946	(162,182)
Sentinel Lighting	418,928	0.1%	(209)	(317)	(48)	(101)	57	(617)
Street Lighting	2,328,757	0.7%	(1,161)	(1,760)	(264)	(563)	316	(3,432)
Unmetered Scattered Load	482,264	0.1%	(240)	(365)	(55)	(117)	66	(711)
	347,000,000	100.0%	(173,010)	(262,269)	(39,361)	(83,957)	47,136	(511,462)
			-	_	-	-	-	_

1 RSVA - Power (Excluding Global Adjustment)

### All Customer Rate Classes Except Embedded Distributor - Hydro One Networks Inc. ("HONI")

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Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0End County Hydro Inc.

### **Cost Allocation - Non-RPP kWh**

Rate Class	Non-RPP kWh	% kWh	
			1588 1
Residential	24,848,250	18.0%	(67,534)
General Service Less Than 50 kW	11,181,821	8.1%	(30,391)
General Service 50 to 4,999 kW	99,762,460	72.2%	(271,141)
Sentinel Lighting	54,532	0.0%	(148)
Street Lighting	2,289,052	1.7%	(6,221)
Unmetered Scattered Load	0	0.0%	0
	138,136,115	100.0%	(375,436)

1 RSVA - Power (Global Adjustment Sub-account)



Haldimand County Hydro Inc. Name of LDC: EB-2010-0086 File Number: Effective Date: May 1, 2011 Version : 2.0

## Calculation of Deferral Variance Recovery Rate Rider without Global Adjustment

Rate Rider Recovery Period - Years

One

Rate Rider Effective To Date

April 30, 2012

Rate Class	Vol Metric	Billed kWh A	Billed kW B	Accounts Allocated by kWh C	Accounts Allocated by Non-RPP kWh D	Account 1590 E	Account 1595 F	Total G = C + D + E
Residential	kWh	171,936,412	0	(253,426)	0	0	0	(253,4
General Service Less Than 50 kW	kWh	61,801,919	0	(91,093)	0	0	0	(91,0
General Service 50 to 4,999 kW	kW	110,031,720	298,148	(162,182)	0	0	0	(162,1
Sentinel Lighting	kW	418,928	1,167	(617)	0	0	0	(6
Street Lighting	kW	2,328,757	6,475	(3,432)	0	0	0	(3,4
Unmetered Scattered Load	kWh	482,264	0	(711)	0	0	0	(7
		347,000,000	305,790	(511,462)	0	0	0	(511,4
				-		- 0	-	

Rate Rider kWh H = G / A (kWh) or H = G / B (kW)							
(0.00147)							
(0.00147)							
(0.54396)							
(0.52912)							
(0.53011)							
(0.00147)							

- E + F 3,426) ,093) 2,182) (617) 8,432) (711) (,462)

> Enter the above value onto Sheet "J2.2 Def Var Disp 2011" of the 2011 OEB IRM2 Rate Generator "J2.4 Def Var Disp 2011" of the 2011 OEB IRM3 Rate Generator



Haldimand County Hydro Inc. Name of LDC: File Number: EB-2010-0086 Effective Date: May 1, 2011 Version : 2.0

## Calculation of Delivery Component Global Adjustment Rate Rider

Rate Rider Recovery Period - Years

One

Rate Rider Effective To Date

April 30, 2012

Rate Class	Vol Metric	Non-RPP kWh A	Estimated Non- RPP Billed kW B	Accounts Allocated by kWh C	Accounts Allocated by Non-RPP kWh D	Account 1590 E	Account 1595 F
Residential	kWh	24,848,250	0	0	(67,534)	0	0
General Service Less Than 50 kW	kWh	11,181,821	0	0	(30,391)	0	0
General Service 50 to 4,999 kW	kW	99,762,460	270,322	0	(271,141)	0	0
Sentinel Lighting	kW	54,532	152	0	(148)	0	0
Street Lighting	kW	2,289,052	6,365	0	(6,221)	0	0
Unmetered Scattered Load	kWh	0	0	0	0	0	0
		138,136,115	276,838	0	(375,436)	0	0



Enter the above value onto Sheet "J3.31 Global Adjust Del 2011" of the 2011 OEB IRM Rate Generator


Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0Yersion 2.0

### **Request for Clearance of Deferral and Variance Accounts**

	Account Number	Principal Amounts	Interest Amounts	Total Claim
Account Description		Α	В	C = A + B
LV Variance Account	1550	170,793	2,217	173,010
RSVA - Wholesale Market Service Charge	1580	258,835	3,434	262,269
RSVA - Retail Transmission Network Charge	1584	39,183	178	39,361
RSVA - Retail Transmission Connection Charge	1586	83,098	859	83,957
RSVA - Power (Excluding Global Adjustment)	1588	(47,279)	144	(47,136)
RSVA - Power (Global Adjustment Sub-account)	1588	370,358	5,078	375,436
Recovery of Regulatory Asset Balances	1590	0	0	0
Balance of Disposition and recovery of Regulatory Balances Account (2008)	1595	0	0	0
Disposition and recovery of Regulatory Balances Account	1595	(874,987)	(11,911)	(886,898)
	Total	0	0	0

Haldimand County Hydro Inc. EB-2010-0086 APPENDIX E

# APPENDIX E

# 2011 IRM3 Deferral and Variance Account Work Form

2. Embedded Distributor – Hydro One Networks Inc. ("HONI")



Version : 2.0

Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011

#### LDC Information

Applicant Name	Haldimand County Hydro Inc.
OEB Application Number	EB-2010-0086
LDC Licence Number	ED-2002-0539
Applied for Effective Date	May 1, 2011
Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0265
Billing Determinants	2010 COS Forecast
Global Adjustment Elections	

Global Adjustment Recovery Separate Distribution Charge	Yes
Global Adjustment Recovery as Electricity Component	No



Version : 2.0

Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011

#### **Table of Contents**

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
A3.1 Sheet Selection	Set up worksheets for data input
B1.3 Rate Class And Bill Det	Rate Class and 2008 Billing Determinants
D1.5 Def Var - Cont Sch 2009	Deferral Variance - Continuity Schedule 2009
D1.6 Def Var - Con Sch Final	Deferral Variance - Continuity Schedule Final
E1.1 Threshold Test	Threshold Test
F1.1 Cost Allocation kWh	Cost Allocation - kWh
F1.2 Cost Allocation Non-RPPkWh	Cost Allocation - Non-RPP kWh
G1.1a Calculation Rate Rider	Calculation of Deferral Variance Recovery Rate Rider without Global Adjustment
G1.1b Dist Glob Adj Rate Rider	Calculation of Delivery Component Global Adjustment Rate Rider
G1.2 Request for Clearance	Request for Clearance of Deferral and Variance Accounts



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0End State Stat

#### **Sheet Selection - Show / Hide**

Sheet	Show / Hide	Purpose of Sheet
B1.1 2006 Reg Assets	Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
B1.2 2006 Reg Ass Prop Shr	Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
C1.0 2006 Reg Asset Recovery	Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
C1.1 2008 Transfer to 1595 COS	Hide	To be used by distributor that disposed Deferral / Variance Accounts in a 2008 COS
C1.2 2009 Transfer to 1595 COS	Hide	To be used by distributor that disposed Deferral / Variance Accounts in a 2009 COS
C1.3 2010 Transfer to 1595 COS	Hide	To be used by distributor that disposed Deferral / Variance Accounts in a 2010 COS
C1.4 2010 Transfer to 1595 IRM	Hide	To be used by distributor that disposed Deferral / Variance Accounts in a 2010 IRM
D1.1 Def Var - Cont Sch 2005	Hide	To be used by distributor that has not previously disposed 2005 Deferral / Variance Accounts
D1.2 Def Var - Cont Sch 2006	Hide	To be used by distributor that has not previously disposed 2006 Deferral / Variance Accounts
D1.3 Def Var - Cont Sch 2007	Hide	To be used by distributor that has not previously disposed 2007 Deferral / Variance Accounts
D1.4 Def Var - Cont Sch 2008	Hide	To be used by distributor that has not previously disposed 2008 Deferral / Variance Accounts
F1.3 Cost Allocation 1590	Hide	To be used by distributor that has not previously disposed of residual 1590 Account
F1.4 Cost Allocation 1595	Hide	To be used by a 2008 COS distributor that is clearing its one year Deferral /Varaince disposition rate rider

Billed kWh for Non-



Name of LDC: File Number: Effective Date: Version: 2.0

Haldimand County Hydro Inc. EB-2010-0086 May 1, 2011

### **Rate Class and Billing Determinants**

ate Group	Rate Class	Fixed Metric	Vol Metric	Metered kWh	Metered kW	RPP customers
EMB	Embedded Distributor		kW	83,184,875	276,949	83,184,8
NA	Rate Class 2	NA	NA			
NA	Rate Class 3	NA	NA			
NA	Rate Class 4	NA	NA			
NA	Rate Class 5	NA	NA			
NA	Rate Class 6	NA	NA			
NA	Rate Class 7	NA	NA			
NA	Rate Class 8	NA	NA			
NA	Rate Class 9	NA	NA			
NA	Rate Class 10	NA	NA			
NA	Rate Class 11	NA	NA			
NA	Rate Class 12	NA	NA			
NA	Rate Class 13	NA	NA			
NA	Rate Class 14	NA	NA			
NA	Rate Class 15	NA	NA			
NA	Rate Class 16	NA	NA			
NA	Rate Class 17	NA	NA			
NA	Rate Class 18	NA	NA			
NA	Rate Class 19	NA	NA			
NA	Rate Class 20	NA	NA			
NA	Rate Class 21	NA	NA			
NA	Rate Class 22	NA	NA			
NA	Rate Class 23	NA	NA			
NA	Rate Class 24	NA	NA			
NA	Rate Class 25	NA	NA			

#### 2010 COS Forecast



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0Enter State St

### **Deferral Variance - Continuity Schedule 2009**

	Account Number	Opening Principal Amounts as of Jan-1-09	Transactions (additions) during 2009, excluding interest and adjustments 1	Transactions (reductions) during 2009, excluding interest and adjustments ₁	Adjustments during 2009 - instructed by Board 2	Adju 2
Account Description				-		
LV Variance Account	1550	0				
RSVA - Wholesale Market Service Charge	1580	0		(28,315 )		
RSVA - Retail Transmission Network Charge	1584	0	210,418			
RSVA - Retail Transmission Connection Charge	1586	0	152,108			
RSVA - Power (Excluding Global Adjustment)	1588	0		(67,899)		
RSVA - Power (Global Adjustment Sub-account)	1588	0	81,081			
Recovery of Regulatory Asset Balances	1590	0				
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0				
Total		0	443,607	(96,214)	0	

<sup>1</sup> For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.

 $^{2}\,$  Provide supporting evidence i.e. Board Decision, CRO Order, etc.

<sup>3</sup> Provide supporting statement indicating nature of this adjustments and periods they relate to

<sup>4</sup> This records the values of amounts removed from Group One accounts in previous proceedings; but does not enter offsets for disposition of 1590, as recovery has not been completed.



Opening Interest Amounts as of Jan-1-09	Interest Jan-1 to Dec31-09	Transfer of Board-approved 2007 interest amounts to 1595 (2009 COS)	Closing Interest Amounts as of Dec-31-09	Total Closing Amounts as of Dec-31-09	Deferral Variance Disposition Balances as of Dec-31-09	RRR Filing Amount as of Dec-31-09	Difference
				Α	В	С	D = A + B - C
0			0	0			0
0	(35)		(35)	(28,350)		(28,350)	0
0	423		423	210,841		210,841	0
0	317		317	152,425		152,425	0
0	(127)		(127)	(68,026)		(68,026)	(0)
0	591		591	81,672		81,672	0
0	(0)		(0)	(0)			(0)
0		0	0	0			
0	1,169	0	1,169	348,562			

Embedded Distributor - Hydro One Networks Inc. ("HONI")



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0Version : 2.0

### Deferral Variance - Continuity Schedule Final

	Account Number	Opening Principal Amounts as of Jan-1-10	Adjustments - Please explain	Principal Amounts to be disposed	Opening Interest Amounts as of Jan-1-10	Interest on Board- approved 2008 amounts prior to transfer Jan-1, 2010 to Date of Transfer	Adjustments - Please explain	Projected Interest on Dec 31 -09 balance from Jan 1, 2010 to Dec 31, 2010 1	Projected Interest on Dec 31 -09 balance from Jan 1, 2011 to April 30, 2011 1	Interest Amounts to be disposed	Total Claim
Account Description		Α	В	C = A + B	D	Е	F	G	Н	I = D + E + F + G +H	J = C + I
LV Variance Account	1550	0		0	0			0	0	0	0
RSVA - Wholesale Market Service Charge	1580	(28,315)		(28,315)	(35)			(204)	(83)	(322)	(28,637)
RSVA - Retail Transmission Network Charge	1584	210,418		210,418	423			1,518	616	2,557	212,975
RSVA - Retail Transmission Connection Charge	1586	152,108		152,108	317			1,097	445	1,859	153,967
RSVA - Power (Excluding Global Adjustment)	1588	(67,899)		(67,899)	(127)			(490)	(199)	(815)	(68,714)
RSVA - Power (Global Adjustment Sub-account)		81,081		81,081	591			585	237	1,413	82,494
Recovery of Regulatory Asset Balances	1590	0		0	(0)			0	0	(0)	(0)
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0		0	0			0	0	0	0
Total		347,393	0	347,393	1,169	0	0	2,506	1,016	4,691	352,084
											-

<sup>1</sup> Interest projected on December 31, 2009 closing principal balance.

Month	Prescribed Rate	Monthly Interest	Month	Prescribed Rate	Monthly Interest
January 31, 2010	0.55	0.0467	January 31, 2011	0.89	0.0756
February 28, 2010	0.55	0.0422	February 28, 2011	0.89	0.0683
March 31, 2010	0.55	0.0467	March 31, 2011	0.89	0.0756
April 30, 2010	0.55	0.0452	April 30, 2011	0.89	0.0732
May 31, 2010	0.55	0.0467	Effective Rate		0.2926
June 30, 2010	0.55	0.0452			
July 31, 2010	0.89	0.0756			
August 31, 2010	0.89	0.0756			
September 30, 2010	0.89	0.0732			
October 31, 2010	0.89	0.0756			
November 30, 2010	0.89	0.0732			
December 31, 2010	0.89	0.0756			
Effective Rate		0.7214			



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0End State Stat

## **Threshold Test**

Rate Class	Billed kWh B
Embedded Distributor	83,184,875
	83,184,875
Total Claim	352,084
Total Claim per kWh	0.004233

Embedded Distributor - Hydro One Networks Inc. ("HONI")



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0Version : 2.0

### **Cost Allocation - kWh**

Rate Class	Billed kWh	% kWh						Total
			1 <b>550</b>	1580	1584	1586	1588 1	
Embedded Distributor	83,184,875	100.0%	0	(28,637)	212,975	153,967	(68,714)	269,590
	83,184,875	100.0%	0	(28,637)	212,975	153,967	(68,714)	269,590
			-	-	-	-	-	-

1 RSVA - Power (Excluding Global Adjustment)



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0End to the second second

## **Cost Allocation - Non-RPP kWh**

Rate Class	Non-RPP kWh	% kWh	
			1588 1
Embedded Distributor	83,184,875	100.0%	82,494
	83,184,875	100.0%	82,494
			-

1 RSVA - Power (Global Adjustment Sub-account)



Haldimand County Hydro Inc. Name of LDC: EB-2010-0086 File Number: Effective Date: May 1, 2011 Version : 2.0

## Calculation of Deferral Variance Recovery Rate Rider without Global Adjustment

Rate Rider Recovery Period - Years	One	
Rate Rider Effective To Date		
April 30, 2012		

Rate Class	Vol Metric	Billed kWh A	Billed kW B	Accounts Allocated by kWh C	Accounts Allocated by Non-RPP kWh D	Account 1590 E	Account 1595 F	Total G = C + D + E
Embedded Distributor	kW	83,184,875	276,949	269,590	0	0	0	269,5
		83,184,875	276,949	269,590	0	0	0	269,5
				-		- 0	-	

Embedded Distributor - Hydro One Networks Inc. ("HONI")



Rate Rider kWh H = G / A (kWh) or H = G / B (kW)0.97343

Enter the above value onto Sheet "J2.2 Def Var Disp 2011" of the 2011 OEB IRM2 Rate Generator "J2.4 Def Var Disp 2011" of the 2011 OEB IRM3 Rate Generator



Name of LDC: Haldimand County Hydro Inc. EB-2010-0086 File Number: Effective Date: May 1, 2011 Version : 2.0

## Calculation of Delivery Component Global Adjustment Rate Rider

Rate Class	Vol Metric	Non-RPP kWh	Estimated Non- RPP Billed kW	Accounts Allocated by kWh	Accounts Alloc by Non-RPP k
April 30, 2012					
Rate Rider Effective To Date					
Rate Rider Recovery Period - Years		One			

Rate Class	Vol Metric	Non-RPP kWh A	Estimated Non- RPP Billed kW B	Accounts Allocated by kWh C	Accounts Allocated by Non-RPP kWh D	Account 1590 E	Account 1595 F	G = C
Embedded Distributor	kW	83,184,875	276,949	0	82,494	0	0	
		83,184,875	276,949	0	82,494	0	0	

Embedded Distributor - Hydro One Networks Inc. ("HONI")





Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Effective Date:May 1, 2011Version : 2.0Enter State St

### **Request for Clearance of Deferral and Variance Accounts**

Account Description	Account Number	Principal Amounts A	Interest Amount B	Total Claim C = A + B
LV Variance Account	1550	0	0	0
RSVA - Wholesale Market Service Charge	1580	28,315	322	28,637
RSVA - Retail Transmission Network Charge	1584	(210,418)	(2,557)	(212,975)
RSVA - Retail Transmission Connection Charge	1586	(152,108)	(1,859)	(153,967)
RSVA - Power (Excluding Global Adjustment)	1588	67,899	815	68,714
RSVA - Power (Global Adjustment Sub-account)	1588	(81,081)	(1,413)	(82,494)
Recovery of Regulatory Asset Balances	1590	0	0	0
Balance of Disposition and recovery of Regulatory Balances Account (2008)	1595	0	0	0
Disposition and recovery of Regulatory Balances Account	1595	347,393	4,691	352,084
	Total	0	0	0

Haldimand County Hydro Inc. EB-2010-0086 APPENDIX F

# APPENDIX F

# 2011 IRM3 Retail Transmission Service Rate ("RTSR") Adjustment Work Form

1. All Rate Classes, excluding Embedded Distributor – Hydro One Networks Inc. ("HONI")



Haldimand County Hydro Inc. EB-2010-0086

## **LDC Information**

Applicant Name	Haldimand County Hydro Inc.
<b>OEB</b> Application Number	EB-2010-0086
LDC Licence Number	ED-2002-0539
Application Type	IRM3



DC: Haldimand County Hydro Inc. er: EB-2010-0086

#### **Table of Contents**

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
B1.1 Rate Class And RTSR Rates	Enter Rate Class And RTSR Rates
B1.2 Dist Billing Determinants	Enter Distributor Billing Determinants
B1.3 UTR's and Sub-Transmission	Current and Forecasted UTR's and Hydro One Sub-Transmission Rates
C1.1 Historical Wholesale	Enter Historical Wholesale Transmission
C1.2 Current Wholesale	Calculates Current Wholesale Transmission
C1.3 Forecast Wholesale	Calculates Forecast Wholesale Transmission
D1.1 Adj Network to Curr Whsl	Calculates the Adjustment for RTSR-Network needed to recover Current Wholesale
D1.2 Adj Conn to Curr Whsl	Calculates the Adjustment for RTSR-Connection needed to recover Current Wholesale
E1.1 Adj Network to Fcst Whsl	Calculates the Adjustment for RTSR-Network needed to recover Forecast Wholesale
E1.2 Adj Conn to Fcst Whsl	Calculates the Adjustment for RTSR-Connection needed to recover Forecast Wholesal
F1.1 IRM RTSR Adj - Network	Calculates the IRM RTSR Adjustment Calculation - Network for Rate Generator
F1.2 IRM RTSR Adj - Connection	Calculates the IRM RTSR Adjustment Calculation - Connection for Rate Generator



Haldimand County Hydro Inc. EB-2010-0086

## Rate Class And 2010 RTSR Rates

Enter Rate Group and Rate Class in the same order as listed on your current Tariff sheet and Rate Generator.

Enter the RTSR-Network and RTSR-Connection rates as approved on your current Tariff sheet.

Rate Group	Rate Class	Vol Metric	RTSR - Network	RTSR - Connection
RES	Residential	kWh	0.0052	0.0046
GSLT50	General Service Less Than 50 kW	kWh	0.0047	0.0042
GSGT50	General Service 50 to 4,999 kW	kW	1.9253	1.6749
GSGT50	General Service 50 to 4,999 kW – Interval Metered	kW	2.0423	1.8512
USL	Unmetered Scattered Load	kWh	0.0047	0.0042
Sen	Sentinel Lighting	kW	1.4592	1.3220
SL	Street Lighting	kW	1.4519	1.2950
NA	Rate Class 8	NA		
NA	Rate Class 9	NA		
NA	Rate Class 10	NA		
NA	Rate Class 11	NA		
NA	Rate Class 12	NA		
NA	Rate Class 13	NA		
NA	Rate Class 14	NA		
NA	Rate Class 15	NA		
NA	Rate Class 16	NA		
NA	Rate Class 17	NA		
NA	Rate Class 18	NA		
NA	Rate Class 19	NA		
NA	Rate Class 20	NA		
NA	Rate Class 21	NA		
NA	Rate Class 22	NA		
NA	Rate Class 23	NA		
NA	Rate Class 24	NA		
NA	Rate Class 25	NA		



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086Version : 1.0

## 2009 Distributor Billing Determinants

Enter the most recently reported RRR billing determinants				
Loss Adjusted Metered kWh	Yes			
Loss Adjusted Metered kW	No			

Rate Class	Vol Metric	Metered kWh A	Metered kW B	Applicable Loss Factor C	Load Factor 730)	Loss Adjusted Billed kWh E = A * C
Residential	kWh	168,226,691	0	1.0565		177,731,499
General Service Less Than 50 kW	kWh	57,269,262	0	1.0565		60,504,975
General Service 50 to 4,999 kW	kW	29,526,000	96,852	1.0565	41.78%	31,194,219
General Service 50 to 4,999 kW - Interval Metered	kW	80,244,756	220,380	1.0565	49.91%	84,778,585
Unmetered Scattered Load	kWh	481,502	0	1.0565		508,707
Sentinel Lighting	kW	467,767	1,293	1.0565	49.58%	494,196
Street Lighting	kW	2,312,050	6,501	1.0565	48.75%	2,442,681
Total		338,528,028	325,026			357,654,862



Haldimand County Hydro Inc. EB-2010-0086 Name of LDC: File Number: Version : 1.0

## **Uniform Transmission and Hydro One Sub-Transmission Rates**

Uniform Transmission Rates		Effective January 1, 2009	Effective July 1, 2009	Effective January 1, 2010	Effective January 1, 2011
Rate Description	Vol Metric	Rate	Rate	Rate	Rate
Network Service Rate	kW	\$ 2.57	\$ 2.66	\$ 2.97	\$ 2.97
Line Connection Service Rate	kW	\$ 0.70	\$ 0.70	\$ 0.73	\$ 0.73
Transformation Connection Service Rate	kW	\$ 1.62	\$ 1.57	\$ 1.71	\$ 1.71
Hydro One Sub-Transmission Rates		Effective May 1, 2008	Effective May 1, 2009	Effective May 1, 2010	Effective May 1, 2011
Rate Description	Vol Metric	Rate	Rate	Rate	Rate
Network Service Rate	kW	\$ 2.01	\$ 2.24	\$ 2.65	\$ 2.65
Line Connection Service Rate	kW	\$ 0.50	\$ 0.60	\$ 0.64	\$ 0.64
Transformation Connection Service Rate	kW	\$ 1.38	\$ 1.39	\$ 1.50	\$ 1.50
Both Line and Transformation Connection Service Rate	kW	\$ 1.88	\$ 1.99	\$ 2.14	\$ 2.14
Hydro One Sub-Transmission Rate Rider 6A		Effective May 1, 2008	Effective May 1, 2009	Effective May 1, 2010	Effective May 1, 2011
Rate Description	Vol Metric	Rate	Rate	Rate	Rate
RSVA Transmission network – 4714 – which affects 1584	kW	\$-	\$-	\$ 0.0470	\$ 0.0470
RSVA Transmission connection – 4716 – which affects 1586	kW	\$-	\$-	-\$ 0.0250	-\$ 0.0250
RSVA LV – 4750 – which affects 1550	kW	\$-	\$-	\$ 0.0580	\$ 0.0580
RARA 1 – 2252 – which affects 1590	kW	\$-	\$-	-\$ 0.0750	-\$ 0.0750
Hydro One Sub-Transmission Rate Rider 6A	kW	\$-	\$-	\$ 0.0050	\$ 0.0050



DC: Haldimand County Hydro Inc. er: EB-2010-0086

## 2009 Historical Wholesale Transmission

Enter billing detail for wholesale transmission for the same reporting period as the billing determinants on sheet B1.2.

### IESO

IESO												
		Network	(	Line	Connec	tion		Transform	nation C	onnection		otal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Units Billed	Rate	Amount		Amount
January	48,279	\$2.57	\$ 124,077	48,425	\$0.70	\$ 33,898		48,425	\$1.62	\$ 78,449	\$	112,346
February	45.761	\$2.57	\$ 117,606	46.851	\$0.70	\$ 32,796		46.851	\$1.62	\$ 75,899	\$	
March	44,979	\$2.57	\$ 115,596	44,979	\$0.70	\$ 31,485		44,979	\$1.62	\$ 72,866	\$	
April	29,572	\$2.57	\$ 76,000	34,704	\$0.70	\$ 24,293		34,704	\$1.62	\$ 56,220	\$	
May	31,846	\$2.57	\$ 81,843	33,088	\$0.70	\$ 23,162		33,088	\$1.62	\$ 53,602	\$	
June	34,254	\$2.57	\$ 88,034	40,856	\$0.70	\$ 28,599		40,856	\$1.62	\$ 66,187	\$	
July	40,863	\$2.66	\$ 108,694	38,117	\$0.70	\$ 26,682		38,117	\$1.57	\$ 59,844	\$	
August	53,030	\$2.66	\$ 141,060	52,311	\$0.70	\$ 36,618		52,311	\$1.57	\$ 82,129	\$	
September	35,792	\$2.66	\$ 95,207	39,412	\$0.70	\$ 27,589		39,412	\$1.57	\$ 61,877	\$	
October	36,802	\$2.66	\$ 97,893	36,790	\$0.70	\$ 25,753		36,790	\$1.57	\$ 57,760	\$	
November	54,602	\$2.66	\$ 145,240	56,044	\$0.70	\$ 39,231		56,044	\$1.57	\$ 87,990	\$	
December	47,659	\$2.66	\$ 126,773	57,389	\$0.70	\$ 40,172		57,389	\$1.57	\$ 90,100	\$	
Total	503,439	\$2.62	\$1,318,023	528,966	\$0.70	\$370,276		528,966	\$1.59	\$ 842,922	\$	1,213,198
lotai	505,459	ψ2.02	φ1,310,023	520,900	ψ0.70	\$370,270		520,900	ψ1.59	ψ 042,922	Ψ	1,213,190
Hydro One												
•		Network	ζ	Line	Connec	tion		Line T	ransfori	mation		otal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Units Billed	Rate	Amount		Amount
January	26,531	\$2.01	\$ 53,327	26,572	\$0.50	\$ 13,286		26,572	\$1.38	\$ 36,669	\$	49,955
February	24,281	\$2.01	\$ 48,805	24,281	\$0.50	\$ 12,141		24,281	\$1.38	\$ 33,508	\$	
March	18,125	\$2.01	\$ 36,430	17,987	\$0.50	\$ 8,994		17,987	\$1.38	\$ 24,822	\$	
April	16,911	\$2.01	\$ 33,992	16,869	\$0.50	\$ 8,435		16,869	\$1.38	\$ 23,279	\$	31,714
May	14,927	\$2.12	\$ 31,688	14,832	\$0.55	\$ 8,151		14,832	\$1.38	\$ 20,541	\$	
June	22,067	\$2.24	\$ 49,430	22,117	\$0.60	\$ 13,270		22,117	\$1.39	\$ 30,743	\$	
July	20,342	\$2.24	\$ 45,566	20,706	\$0.60	\$ 12,424		20,706	\$1.39	\$ 28,781	\$	
August	24,454	\$2.24	\$ 54,777	24,437	\$0.60	\$ 14,662		24,437	\$1.39	\$ 33,967	\$	48,630
September	18,829	\$2.24	\$ 42,177	18,915	\$0.60	\$ 11,349		18,915	\$1.39	\$ 26,292	\$	
October	18,747	\$2.24	\$ 41,994	19,536	\$0.60	\$ 11,722		19,536	\$1.39	\$ 27,155	\$	
November	12,594	\$2.24	\$ 28,211	13,014	\$0.60	\$ 7,808		13,014	\$1.39	\$ 18,089	\$	
December	15,905	\$2.24		15,306	\$0.60	\$ 9,184		15,306	\$1.39	\$ 21,275	\$	
Total	000 740	<b>A</b> O 45	<b>•</b> 500.005	004 570	<b>0050</b>	<b><i>Ф</i></b> 404 404		004 570	<b></b>	<b>•</b> • • • • • • • • • • • • • • • • • •	•	450 547
TOLAI	233,713	\$2.15	\$ 502,025	234,572	\$0.56	\$131,424		234,572	\$1.39	\$ 325,123	\$	456,547
Total												
		Network		Line	Connec	tion		Line T	ransfori	mation		otal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	I	Units Billed	Rate	Amount	<u> </u>	Amount

							-				4
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	 Amount	ļ
January	74,810	\$2.37	\$ 177,404	74,997	\$0.63	\$ 47,184	74,997	\$1.53	\$ 115,118	\$ 162,301	
February	70,042	\$2.38	\$ 166,411	71,132	\$0.63	\$ 44,936	71,132	\$1.54	\$ 109,406	\$ 154,343	
March	63,104	\$2.41	\$ 152,027	62,966	\$0.64	\$ 40,479	62,966	\$1.55	\$ 97,688	\$ 138,167	
April	46,483	\$2.37	\$ 109,993	51,573	\$0.63	\$ 32,727	51,573	\$1.54	\$ 79,499	\$ 112,226	
May	46,773	\$2.43	\$ 113,531	47,920	\$0.65	\$ 31,313	47,920	\$1.55	\$ 74,143	\$ 105,455	
June	56,321	\$2.44	\$ 137,464	62,973	\$0.66	\$ 41,869	62,973	\$1.54	\$ 96,930	\$ 138,799	
July	61,205	\$2.52	\$ 154,261	58,823	\$0.66	\$ 39,105	58,823	\$1.51	\$ 88,625	\$ 127,730	
August	77,484	\$2.53	\$ 195,836	76,748	\$0.67	\$ 51,280	76,748	\$1.51	\$ 116,096	\$ 167,376	
September	54,621	\$2.52	\$ 137,384	58,327	\$0.67	\$ 38,938	58,327	\$1.51	\$ 88,169	\$ 127,107	
October	55,549	\$2.52	\$ 139,887	56,326	\$0.67	\$ 37,475	56,326	\$1.51	\$ 84,915	\$ 122,390	
November	67,196	\$2.58	\$ 173,451	69,058	\$0.68	\$ 47,040	69,058	\$1.54	\$ 106,080	\$ 153,120	
December	63,564	\$2.55	\$ 162.401	72,695	\$0.68	\$ 49,356	72,695	\$1.53	\$ 111,375	\$ 160,731	

763,538 \$0.66 \$501,700



737,152 \$2.47 \$1,820,048

APPENDIX F Page 6 of 14 Haldimand(ExcludesHONI)\_2011 IRM3 RTSR Adjustment Workform\_20101029.XLS C1.1 Historical Wholesale



C: Haldimand County Hydro Inc. EB-2010-0086

#### **Current Wholesale Transmission**

The purpose of this sheet is to calculate the expected billing when current 2010 UTR rates are applied against historical (2009) transmission units.

### IESO

1E30										
		Network		Line	e Connecti	on	Transfor	mation Cor	nnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	48,279	\$2.9700	\$ 143,389	48,425	\$0.7300	\$ 35,350	48,425	\$1.7100	\$ 82,807	\$ 118,157
February	45,761	\$2.9700	\$ 135,910	46,851	\$0.7300	\$ 34,201	46,851	\$1.7100	\$ 80,115	\$ 114,316
March	44,979	\$2.9700	\$ 133,588	44,979	\$0.7300	\$ 32,835	44,979	\$1.7100	\$ 76,914	\$ 109,749
April	29,572	\$2.9700	\$ 87,829	34,704	\$0.7300	\$ 25,334	34,704	\$1.7100	\$ 59,344	\$ 84,678
May	31,846	\$2.9700	\$ 94,583	33,088	\$0.7300	\$ 24,154	33,088	\$1.7100	\$ 56,580	\$ 80,735
June	34,254	\$2.9700	\$ 101,734	40,856	\$0.7300	\$ 29,825	40,856	\$1.7100	\$ 69,864	\$ 99,689
July	40,863	\$2.9700	\$ 121,363	38,117	\$0.7300	\$ 27,825	38,117	\$1.7100	\$ 65,180	\$ 93,005
August	53,030	\$2.9700	\$ 157,499	52,311	\$0.7300	\$ 38,187	52,311	\$1.7100	\$ 89,452	\$ 127,639
September	35,792	\$2.9700	\$ 106,302	39,412	\$0.7300	\$ 28,771	39,412	\$1.7100	\$ 67,395	\$ 96,165
October	36,802	\$2.9700	\$ 109,302	36,790	\$0.7300	\$ 26,857	36,790	\$1.7100	\$ 62,911	\$ 89,768
November	54,602	\$2.9700	\$ 162,168	56,044	\$0.7300	\$ 40,912	56,044	\$1.7100	\$ 95,835	\$ 136,747
December	47,659	\$2.9700	\$ 141,547	57,389	\$0.7300	\$ 41,894	57,389	\$1.7100	\$ 98,135	\$ 140,029
Iotal	503,439	\$2.9700	\$1,495,214	528,966	\$0.7300	\$386,145	528,966	\$1.7100	\$ 904,532	\$1,290,677
Total	503,439	\$2.9700	\$1,495,214	528,966	\$0.7300	\$386,145	528,966	\$1.7100	\$ 904,532	\$1,

#### Hydro One

		Network			Line	e Connecti	on			Line	Transform	natio	n		Tota	al Line
Month	Units Billed	Rate	Amount	-	Units Billed	Rate	Amo	ount	U	nits Billed	Rate	A	mount		An	nount
		s Hydro One Rat				Hydro One Rate										
	B1.3 UTR's a	nd Sub-Transmis	sion Cell K48		B1.3 UTR's an	d Sub-Transmis	sion Cell ł	<50								
January	26,531	\$2.6970	\$ 71,554		26,572	\$0.6150	\$ 16	,342		26,572	\$1.5000	\$	39,858		₿	56,200
February	24,281	\$2.6970	\$ 65,486		24,281	\$0.6150	\$ 14	,933		24,281	\$1.5000	\$	36,422		\$	51,354
March	18,125	\$2.6970	\$ 48,883		17,987	\$0.6150	\$ 11	,062		17,987	\$1.5000	\$	26,981		\$	38,043
April	16,911	\$2.6970	\$ 45,609		16,869	\$0.6150	\$ 10	,374		16,869	\$1.5000	\$	25,304	:	₿	35,678
May	14,927	\$2.6970	\$ 40,258		14,832	\$0.6150	\$ 9	,122		14,832	\$1.5000	\$	22,248	:	₿	31,370
June	22,067	\$2.6970	\$ 59,515		22,117	\$0.6150	\$ 13	,602		22,117	\$1.5000	\$	33,176	1	\$	46,777
July	20,342	\$2.6970	\$ 54,862		20,706	\$0.6150	\$ 12	,734		20,706	\$1.5000	\$	31,059	:	₿	43,793
August	24,454	\$2.6970	\$ 65,952		24,437	\$0.6150	\$ 15	,029		24,437	\$1.5000	\$	36,656	1	\$	51,684
September	18,829	\$2.6970	\$ 50,782		18,915	\$0.6150	\$ 11	,633		18,915	\$1.5000	\$	28,373	:	₿	40,005
October	18,747	\$2.6970	\$ 50,561		19,536	\$0.6150	\$ 12	,015		19,536	\$1.5000	\$	29,304	1	\$	41,319
November	12,594	\$2.6970	\$ 33,966		13,014	\$0.6150	\$8	,004		13,014	\$1.5000	\$	19,521	:	₿	27,525
December	15,905	\$2.6970	\$ 42,896		15,306	\$0.6150	\$ 9	,413		15,306	\$1.5000	\$	22,959	1	\$	32,372
Total	233,713	\$2.6970	\$ 630,324		234,572	\$0.6150	\$144	,262		234,572	\$1.5000	\$	351,858	:	\$4	96,120

#### Total

		Network		Line	e Connecti	on	Line	Transform	nation	Г	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	74,810	\$2.8732	\$ 214,943	74,997	\$0.6893	\$ 51,692	74,997	\$1.6356	\$ 122,665		\$ 174,357
February	70,042	\$2.8754	\$ 201,396	71,132	\$0.6907	\$ 49,134	71,132	\$1.6383	\$ 116,537		\$ 165,671
March	63,104	\$2.8916	\$ 182,471	62,966	\$0.6971	\$ 43,897	62,966	\$1.6500	\$ 103,895		\$ 147,791
April	46,483	\$2.8707	\$ 133,438	51,573	\$0.6924	\$ 35,708	51,573	\$1.6413	\$ 84,647		\$ 120,356
May	46,773	\$2.8829	\$ 134,841	47,920	\$0.6944	\$ 33,276	47,920	\$1.6450	\$ 78,828		\$ 112,104
June	56,321	\$2.8630	\$ 161,249	62,973	\$0.6896	\$ 43,427	62,973	\$1.6362	\$ 103,039		\$ 146,466
July	61,205	\$2.8793	\$ 176,225	58,823	\$0.6895	\$ 40,560	58,823	\$1.6361	\$ 96,239		\$ 136,799
August	77,484	\$2.8838	\$ 223,452	76,748	\$0.6934	\$ 53,216	76,748	\$1.6431	\$ 126,107		\$ 179,323
September	54,621	\$2.8759	\$ 157,084	58,327	\$0.6927	\$ 40,403	58,327	\$1.6419	\$ 95,767		\$ 136,171
October	55,549	\$2.8779	\$ 159,863	56,326	\$0.6901	\$ 38,871	56,326	\$1.6372	\$ 92,215		\$ 131,086
November	67,196	\$2.9188	\$ 196,134	69,058	\$0.7083	\$ 48,916	69,058	\$1.6704	\$ 115,356		\$ 164,272
December	63,564	\$2.9017	\$ 184,443	72,695	\$0.7058	\$ 51,307	72,695	\$1.6658	\$ 121,094		\$ 172,401
Total	737,152	\$2.8834	\$2,125,538	763,538	\$0.6947	\$530,407	763,538	\$1.6455	\$1,256,390		\$1,786,797

APPENDIX F Page 7 of 14 Haldimand(ExcludesHONI)\_2011 IRM3 RTSR Adjustment Workform\_20101029.XLS C1.2 Current Wholesale



C: Haldimand County Hydro Inc. EB-2010-0086

#### **Forecast Wholesale Transmission**

The purpose of this sheet is to calculate the expected billing when forecasted 2011 UTR rates are applied against historical (2009) transmission units.

### IESO

IESO		Network		Line	e Connecti	on	Transfor	mation Co	nnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	48,279	\$2.9700	\$ 143,389	48,425	\$0.7300	\$ 35,350	48,425	\$1.7100	\$ 82,807	\$ 118,157
February	45,761	\$2.9700	\$ 135,910	46,851	\$0.7300	\$ 34,201	46,851	\$1.7100	\$ 80,115	\$ 114,316
March	44,979	\$2.9700	\$ 133,588	44,979	\$0.7300	\$ 32,835	44,979	\$1.7100	\$ 76,914	\$ 109,749
April	29,572	\$2.9700	\$ 87,829	34,704	\$0.7300	\$ 25,334	34,704	\$1.7100	\$ 59,344	\$ 84,678
May	31,846	\$2.9700	\$ 94,583	33,088	\$0.7300	\$ 24,154	33,088	\$1.7100	\$ 56,580	\$ 80,735
June	34,254	\$2.9700	\$ 101,734	40,856	\$0.7300	\$ 29,825	40,856	\$1.7100	\$ 69,864	\$ 99,689
July	40,863	\$2.9700	\$ 121,363	38,117	\$0.7300	\$ 27,825	38,117	\$1.7100	\$ 65,180	\$ 93,005
August	53,030	\$2.9700	\$ 157,499	52,311	\$0.7300	\$ 38,187	52,311	\$1.7100	\$ 89,452	\$ 127,639
September	35,792	\$2.9700	\$ 106,302	39,412	\$0.7300	\$ 28,771	39,412	\$1.7100	\$ 67,395	\$ 96,165
October	36,802	\$2.9700	\$ 109,302	36,790	\$0.7300	\$ 26,857	36,790	\$1.7100	\$ 62,911	\$ 89,768
November	54,602	\$2.9700	\$ 162,168	56,044	\$0.7300	\$ 40,912	56,044	\$1.7100	\$ 95,835	\$ 136,747
December	47,659	\$2.9700	\$ 141,547	57,389	\$0.7300	\$ 41,894	57,389	\$1.7100	\$ 98,135	\$ 140,029
Total	503,439	\$2.9700	\$1,495,214	528,966	\$0.7300	\$386,145	528,966	\$1.7100	\$ 904,532	\$1,290,677

#### Hydro One

		Network		Line	e Connecti	on		Line	Transform	ati	on		То	tal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Α	mount	Units Billed	Rate	1	Amount	_	Α	mount
		s Hydro One Rat			Hydro One Rate									
	B1.3 UTR's ar	nd Sub-Transmis	sion Cell M48	B1.3 UTR's and	d Sub-Transmiss	sion C	ell M50							
January	26,531	\$2.6970	\$ 71,554	26,572	\$0.6150	\$	16,342	26,572	\$1.5000	\$	39,858		\$	56,200
February	24,281	\$2.6970	\$ 65,486	24,281	\$0.6150	\$	14,933	24,281	\$1.5000	\$	36,422		\$	51,354
March	18,125	\$2.6970	\$ 48,883	17,987	\$0.6150	\$	11,062	17,987	\$1.5000	\$	26,981		\$	38,043
April	16,911	\$2.6970	\$ 45,609	16,869	\$0.6150	\$	10,374	16,869	\$1.5000	\$	25,304		\$	35,678
May	14,927	\$2.6970	\$ 40,258	14,832	\$0.6150	\$	9,122	14,832	\$1.5000	\$	22,248		\$	31,370
June	22,067	\$2.6970	\$ 59,515	22,117	\$0.6150	\$	13,602	22,117	\$1.5000	\$	33,176		\$	46,777
July	20,342	\$2.6970	\$ 54,862	20,706	\$0.6150	\$	12,734	20,706	\$1.5000	\$	31,059		\$	43,793
August	24,454	\$2.6970	\$ 65,952	24,437	\$0.6150	\$	15,029	24,437	\$1.5000	\$	36,656		\$	51,684
September	18,829	\$2.6970	\$ 50,782	18,915	\$0.6150	\$	11,633	18,915	\$1.5000	\$	28,373		\$	40,005
October	18,747	\$2.6970	\$ 50,561	19,536	\$0.6150	\$	12,015	19,536	\$1.5000	\$	29,304		\$	41,319
November	12,594	\$2.6970	\$ 33,966	13,014	\$0.6150	\$	8,004	13,014	\$1.5000	\$	19,521		\$	27,525
December	15,905	\$2.6970	\$ 42,896	15,306	\$0.6150	\$	9,413	15,306	\$1.5000	\$	22,959		\$	32,372
												_		
Total	233,713	\$2.6970	\$ 630,324	234,572	\$0.6150	\$1	44,262	234,572	\$1.5000	\$	351,858		\$	496,120

#### Total

	Network		Line	e Connecti	on		Line	Transform	nation	Г	Total Line
Units Billed	Rate	Amount	Units Billed	Rate	Amount		Units Billed	Rate	Amount		Amount
74,810	\$2.8732	\$ 214,943	74,997	\$0.6893	\$ 51,692		74,997	\$1.6356	\$ 122,665	9	5 174,357
70,042	\$2.8754	\$ 201,396	71,132	\$0.6907	\$ 49,134		71,132	\$1.6383	\$ 116,537	9	5 165,671
63,104	\$2.8916	\$ 182,471	62,966	\$0.6971	\$ 43,897		62,966	\$1.6500	\$ 103,895	9	5 147,791
46,483	\$2.8707	\$ 133,438	51,573	\$0.6924	\$ 35,708		51,573	\$1.6413	\$ 84,647	9	5 120,356
46,773	\$2.8829	\$ 134,841	47,920	\$0.6944	\$ 33,276		47,920	\$1.6450	\$ 78,828	9	5 112,104
56,321	\$2.8630	\$ 161,249	62,973	\$0.6896	\$ 43,427		62,973	\$1.6362	\$ 103,039	9	5 146,466
61,205	\$2.8793	\$ 176,225	58,823	\$0.6895	\$ 40,560		58,823	\$1.6361	\$ 96,239	9	5 136,799
77,484	\$2.8838	\$ 223,452	76,748	\$0.6934	\$ 53,216		76,748	\$1.6431	\$ 126,107	9	5 179,323
54,621	\$2.8759	\$ 157,084	58,327	\$0.6927	\$ 40,403		58,327	\$1.6419	\$ 95,767	9	5 136,171
55,549	\$2.8779	\$ 159,863	56,326	\$0.6901	\$ 38,871		56,326	\$1.6372	\$ 92,215	9	5 131,086
67,196	\$2.9188	\$ 196,134	69,058	\$0.7083	\$ 48,916		69,058	\$1.6704	\$ 115,356	9	5 164,272
63,564	\$2.9017	\$ 184,443	72,695	\$0.7058	\$ 51,307		72,695	\$1.6658	\$ 121,094	9	5 172,401
737,152	\$2.8834	\$2,125,538	763,538	\$0.6947	\$530,407		763,538	\$1.6455	\$1,256,390	9	51,786,797
	74,810 70,042 63,104 46,483 46,773 56,321 61,205 77,484 54,621 55,549 67,196 63,564	Units BilledRate74,810\$2.873270,042\$2.875463,104\$2.891646,483\$2.870746,773\$2.882956,321\$2.863061,205\$2.879377,484\$2.883854,621\$2.875955,549\$2.877967,196\$2.918863,564\$2.9017	Units BilledRateAmount74,810\$2.8732\$214,94370,042\$2.8754\$201,39663,104\$2.8916\$182,47146,483\$2.8707\$133,43846,773\$2.8829\$134,84156,321\$2.8630\$161,24961,205\$2.8793\$176,22577,484\$2.8838\$223,45254,621\$2.8759\$157,08455,549\$2.8779\$159,86367,196\$2.9188\$196,13463,564\$2.9017\$184,443	Units BilledRateAmountUnits Billed74,810\$2.8732\$214,94374,99770,042\$2.8754\$201,39671,13263,104\$2.8916\$182,47162,96646,483\$2.8707\$133,43851,57346,773\$2.8829\$134,84147,92056,321\$2.8630\$161,24962,97361,205\$2.8793\$176,22558,82377,484\$2.8838\$223,45276,74854,621\$2.8779\$159,86356,32667,196\$2.9188\$196,13469,05863,564\$2.9017\$184,44372,695	Units BilledRateAmountUnits BilledRate74,810\$2.8732\$214,94374,997\$0.689370,042\$2.8754\$201,39671,132\$0.690763,104\$2.8916\$182,47162,966\$0.697146,483\$2.8707\$133,43851,573\$0.692446,773\$2.8829\$134,84147,920\$0.694456,321\$2.8630\$161,24962,973\$0.689661,205\$2.8793\$176,22558,823\$0.689577,484\$2.8838\$223,45276,748\$0.693454,621\$2.8759\$157,08458,327\$0.692755,549\$2.8779\$159,86356,326\$0.690167,196\$2.9188\$196,13469,058\$0.708363,564\$2.9017\$184,44372,695\$0.7058	Units BilledRateAmountUnits BilledRateAmount74,810\$2.8732\$214,94374,997\$0.6893\$51,69270,042\$2.8754\$201,39671,132\$0.6907\$49,13463,104\$2.8916\$182,47162,966\$0.6971\$43,89746,483\$2.8707\$133,43851,573\$0.6924\$35,70846,773\$2.8829\$134,84147,920\$0.6944\$33,27656,321\$2.8793\$176,22558,823\$0.6895\$40,56077,484\$2.8838\$223,45276,748\$0.6934\$53,21654,621\$2.8779\$159,86356,326\$0.6901\$38,87167,196\$2.9188\$196,13469,058\$0.7083\$48,91663,564\$2.9017\$184,44372,695\$0.7058\$51,307	Units BilledRateAmountUnits BilledRateAmount74,810\$2.8732\$214,94374,997\$0.6893\$51,69270,042\$2.8754\$201,39671,132\$0.6907\$49,13463,104\$2.8916\$182,47162,966\$0.6971\$43,89746,483\$2.8707\$133,43851,573\$0.6924\$35,70846,773\$2.8829\$134,84147,920\$0.6944\$33,27656,321\$2.8793\$161,24962,973\$0.6896\$43,42761,205\$2.8793\$176,22558,823\$0.6895\$40,56077,484\$2.8838\$223,45276,748\$0.6934\$53,21654,621\$2.8759\$157,08458,327\$0.6927\$40,40355,549\$2.8779\$159,86356,326\$0.6901\$38,87167,196\$2.9188\$196,13469,058\$0.7083\$48,91663,564\$2.9017\$184,44372,695\$0.7058\$51,307	Units BilledRateAmountUnits BilledRateAmountUnits Billed74,810\$2.8732\$214,94374,997\$0.6893\$51,69274,99770,042\$2.8754\$201,39671,132\$0.6907\$49,13471,13263,104\$2.8916\$182,47162,966\$0.6971\$43,89762,96646,483\$2.8707\$133,43851,573\$0.6924\$35,70851,57346,773\$2.8829\$134,84147,920\$0.6944\$33,27647,92056,321\$2.8630\$161,24962,973\$0.6896\$43,42762,97361,205\$2.8793\$176,22558,823\$0.6895\$40,56058,82377,484\$2.8838\$223,45276,748\$0.6934\$53,21676,74854,621\$2.8779\$159,86356,326\$0.6901\$38,87156,32667,196\$2.9188\$196,13469,058\$0.7083\$48,91669,05863,564\$2.9017\$184,44372,695\$0.7058\$51,30772,695	Units BilledRateAmountUnits BilledRateAmountUnits BilledRate74,810\$2.8732\$214,94374,997\$0.6893\$51,69274,997\$1.635670,042\$2.8754\$201,39671,132\$0.6907\$49,13471,132\$1.638363,104\$2.8916\$182,47162,966\$0.6971\$43,89762,966\$1.650046,483\$2.8707\$133,43851,573\$0.6924\$35,70851,573\$1.641346,773\$2.8829\$134,84147,920\$0.6944\$33,27647,920\$1.645056,321\$2.8630\$161,24962,973\$0.6895\$40,56058,823\$1.636177,484\$2.8838\$223,45276,748\$0.6934\$53,21676,748\$1.643154,621\$2.8759\$157,08458,327\$0.6927\$40,40358,327\$1.641955,549\$2.8779\$159,863\$6,326\$0.6901\$38,87156,326\$1.637267,196\$2.9188\$196,13469,058\$0.7083\$48,91669,058\$1.670463,564\$2.9017\$184,44372,695\$0.7058\$51,30772,695\$1.6658	Units BilledRateAmountUnits BilledRateAmountUnits BilledRateAmount74,810\$2.8732\$214,94374,997\$0.6893\$51,69274,997\$1.6356\$122,66570,042\$2.8754\$201,39671,132\$0.6907\$49,13471,132\$1.6383\$116,53763,104\$2.8916\$182,47162,966\$0.6971\$43,89762,966\$1.6500\$103,89546,483\$2.8707\$133,43851,573\$0.6924\$35,70851,573\$1.6413\$84,64746,773\$2.8829\$134,84147,920\$0.6944\$33,27647,920\$1.6450\$78,82856,321\$2.8630\$161,24962,973\$0.6895\$40,56058,823\$1.6361\$96,23961,205\$2.8793\$176,22558,823\$0.6895\$40,56058,823\$1.6361\$96,23977,484\$2.8838\$223,45276,748\$0.6927\$40,40358,327\$1.6413\$126,10754,621\$2.8779\$159,86356,326\$0.6901\$38,87156,326\$1.6372\$92,21567,196\$2.9188\$196,13469,058\$0.7058\$51,30772,695\$1.6658\$121,094	Units Billed Rate Amount Units Billed Rate Amount Units Billed Rate Amount   74,810 \$2.8732 \$214,943 74,997 \$0.6893 \$51,692 74,997 \$1.6356 \$122,665 \$   63,104 \$2.8754 \$201,396 71,132 \$0.6907 \$49,134 71,132 \$1.6383 \$116,537 \$   46,483 \$2.8707 \$133,438 51,573 \$0.6924 \$35,708 51,573 \$1.6413 \$84,647 \$   46,773 \$2.8829 \$134,841 47,920 \$0.6944 \$33,276 47,920 \$1.6450 \$78,828 \$   56,321 \$2.8630 \$161,249 62,973 \$0.6895 \$40,560 \$78,828 \$ \$62,973 \$1.6461 \$96,239 \$   77,484 \$2.8838 \$223,452 76,748 \$0.6927 \$40,403 \$58,327 \$1.6413 \$126,107 \$   55,549 \$2.8779 \$159,863 \$6,326 \$0.6901 \$38,871 \$66,326

APPENDIX F Page 8 of 14 Haldimand(ExcludesHONI)\_2011 IRM3 RTSR Adjustment Workform\_20101029.XLS C1.3 Forecast Wholesale



Haldimand County Hydro Inc. EB-2010-0086

## Adjust RTSR-Network to Current Network Wholesale

The purpose of this sheet is to re-align current RTSR-Network to recover current wholesale Network costs.

Rate Class	Vol Metric		rrent RTSR - Network	Loss Adjusted Billed kWh	Billed kW	В	illed Amount	Billed Amount %	Cur	rent Wholesale Billing	Ad	justed RTSR - Network
		(A) C	olumn H Sheet B1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D)	= (A) * (B) or (A) * (C)	(F) = (D) / (E)		(H) = (G) * (F)	(I) =	(H) / (B) or (H) / (C)
Residential	kWh	\$	0.0052	177,731,499	0	\$	924,204	49.72%	\$	1,056,802	\$	0.0059
General Service Less Than 50 kW	kWh	\$	0.0047	60,504,975	0	\$	284,373	15.30%	\$	325,173	\$	0.0054
General Service 50 to 4,999 kW	kW	\$	1.9253	31,194,219	96,852	\$	186,469	10.03%	\$	213,222	\$	2.2015
General Service 50 to 4,999 kW - Interval Metered	kW	\$	2.0423	84,778,585	220,380	\$	450,082	24.21%	\$	514,656	\$	2.3353
Unmetered Scattered Load	kWh	\$	0.0047	508,707	0	\$	2,391	0.13%	\$	2,734	\$	0.0054
Sentinel Lighting	kW	\$	1.4592	494,196	1,293	\$	1,887	0.10%	\$	2,157	\$	1.6686
Street Lighting	kW	\$	1.4519	2,442,681	6,501	\$	9,439	0.51%	\$	10,793	\$	1.6602
				357,654,862	325,026	\$	1,858,845	100.00%	\$	2,125,538		
							(E)		(G) C	ell G73 Sheet C1.2		



Haldimand County Hydro Inc. EB-2010-0086

## Adjust RTSR-Connection to Current Connection Wholesale

The purpose of this sheet is to re-align current RTSR-Connection to recover current wholesale Connection costs.

Rate Class	Vol Metric		rrent RTSR - onnection	Loss Adjusted Billed kWh	Billed kW	I	Billed Amount	Billed Amount %	Curr	ent Wholesale Billing	A	ljusted RTSR - Connection
		(A) Co	olumn J Sheet B1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D	D) = (A) * (B) or (A) * (C)	(F) = (D) / (E)		(H) = (G) * (F)	(I)	= (H) / (B) or (H) / (C)
Residential	kWh	\$	0.0046	177,731,499	0	\$	817,565	49.43%	\$	883,133		0.0050
General Service Less Than 50 kW	kWh	\$	0.0042	60,504,975	0	\$	254,121	15.36%	\$	274,501	\$	0.0045
General Service 50 to 4,999 kW	kW	\$	1.6749	31,194,219	96,852	\$	162,217	9.81%	\$	175,227	\$	1.8092
General Service 50 to 4,999 kW – Interval Metered	kW	\$	1.8512	84,778,585	220,380	\$	407,967	24.66%	\$	440,686	\$	1.9997
Unmetered Scattered Load	kWh	\$	0.0042	508,707	0	\$	2,137	0.13%	\$	2,308	\$	0.0045
Sentinel Lighting	kW	\$	1.3220	494,196	1,293	\$	1,709	0.10%	\$	1,846	\$	1.4280
Street Lighting	kW	\$	1.2950	2,442,681	6,501	\$	8,419	0.51%	\$	9,094	\$	1.3989
				357,654,862	325,026	\$	1,654,135	100.00%	\$	1,786,797		
							(E)		(G) Ce	ell Q73 Sheet C1.2		



Haldimand County Hydro Inc. EB-2010-0086

## Adjust RTSR-Network to Forecast Network Wholesale

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

Rate Class	Vol Metric		ısted RTSR - Network	Loss Adjusted Billed kWh	Billed kW	В	illed Amount	Billed Amount %	Fore	cast Wholesale Billing	Pro	oposed RTSR - Network
		(A) Co	lumn S Sheet D1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D)	= (A) * (B) or (A) * (C)	(F) = (D) / (E)		(H) = (G) * (F)	(I)	= (H) / (B) or (H) / (C)
Residential	kWh	\$	0.0059	177,731,499	0	\$	1,056,802	49.72%	\$	1,056,802	\$	0.0059
General Service Less Than 50 kW	kWh	\$	0.0054	60,504,975	0	\$	325,173	15.30%	\$	325,173		0.0054
General Service 50 to 4,999 kW	kW	\$	2.2015	31,194,219	96,852	\$	213,222	10.03%	\$	213,222		2.2015
General Service 50 to 4,999 kW - Interval Metered	kW	\$	2.3353	84,778,585	220,380	\$	514,656	24.21%	\$	514,656	\$	2.3353
Unmetered Scattered Load	kWh	\$	0.0054	508,707	0	\$	2,734	0.13%	\$	2,734	\$	0.0054
Sentinel Lighting	kW	\$	1.6686	494,196	1,293	\$	2,157	0.10%	\$	2,157	\$	1.6686
Street Lighting	kW	\$	1.6602	2,442,681	6,501	\$	10,793	0.51%	\$	10,793	\$	1.6602
				357,654,862	325,026	\$	2,125,538	100.00%	\$	2,125,538		
							(E)		Cel	G73 Sheet C1.3		



Name of LDC: Haldimand County Hydro Inc. EB-2010-0086 File Number: Version : 1.0

# Adjust RTSR-Connection to Forecast Connection Wholesale

The purpose of this sheet is to update re-aligned RTSR-Connection rates to recover forecast wholesale Connection costs.

Rate Class	Vol Metric	•	Isted RTSR - onnection	Loss Adjusted Billed kWh	Billed kW	В	Billed Amount	Billed Amount %	For	ecast Wholesale Billing	F	Proposed RTSR - Connection
		(A) Co	lumn S Sheet D1.2	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D)	= (A) * (B) or (A) * (C)	(F) = (D) / (E)		(H) = (G) * (F)		(I) = (H) / (B) or (H) / (C)
Residential	kWh	\$	0.0050	177,731,499	0	\$	883,133	49.43%	\$	883,133	\$	0.0050
General Service Less Than 50 kW	kWh	\$	0.0045	60,504,975	0	\$	274,501	15.36%	\$	274,501	\$	0.0045
General Service 50 to 4,999 kW	kW	\$	1.8092	31,194,219	96,852	\$	175,227	9.81%	\$	175,227	\$	1.8092
General Service 50 to 4,999 kW - Interval Metered	kW	\$	1.9997	84,778,585	220,380	\$	440,686	24.66%	\$	440,686	\$	1.9997
Unmetered Scattered Load	kWh	\$	0.0045	508,707	0	\$	2,308	0.13%	\$	2,308	\$	0.0045
Sentinel Lighting	kW	\$	1.4280	494,196	1,293	\$	1,846	0.10%	\$	1,846	\$	1.4280
Street Lighting	kW	\$	1.3989	2,442,681	6,501	\$	9,094	0.51%	\$	9,094	\$	1.3989
				357,654,862	325,026	\$	1,786,797	100.00%	\$	1,786,797		
							(E)		Ce	II Q73 Sheet C1.3		



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086

## **IRM RTSR Adjustment Calculation - Network**

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

Rate Class	Vol Metric	Current RTSR - Network	Proposed RTSR - Network	RTSR - Network Adjustment
		(A) Column H Sheet B1.1	(B) Column S Sheet E1.1	C = B - A
Residential	kWh	0.0052	0.0059	0.000746056
General Service Less Than 50 kW	kWh	0.0047	0	0.00067432
General Service 50 to 4,999 kW	kW	1.9253	2	0.276227388
General Service 50 to 4,999 kW – Interval Metered	kW	2.0423	2	0.293013657
Unmetered Scattered Load	kWh	0.0047	0	0.00067432
Sentinel Lighting	kW	1.4592	2	0.209354908
Street Lighting	kW	1.4519	2	0.208307559

Enter this value into column"G" on sheet"L1.1 Appl For TX Network" of the 2011 Rate Generator



Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086

## **IRM RTSR Adjustment Calculation - Connection**

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

Rate Class	Vol Metric	Current RTSR - Connection	Proposed RTSR - Connection	RTSR - Network Adjustment	
		(A) Column J Sheet B1.1	(B) Column S Sheet E1.2	C = B - A	
Residential	kWh	0.0046	0.0050	0.000368919	
General Service Less Than 50 kW	kWh	0.0042	0.0045	0.000336839	
General Service 50 to 4,999 kW	kW	1.6749	1.8092	0.134326743	
General Service 50 to 4,999 kW - Interval Metered	kW	1.8512	1.9997	0.148465978	
Unmetered Scattered Load	kWh	0.0042	0.0045	0.000336839	
Sentinel Lighting	kW	1.3220	1.4280	0.106024213	
Street Lighting	kW	1.2950	1.3989	0.103858817	

Enter this value into column"G" on sheet"L2.1 Appl For TX Connect" of the 2011 Rate Generator

Haldimand County Hydro Inc. EB-2010-0086 APPENDIX G

# APPENDIX G

# 2011 IRM3 Retail Transmission Service Rate ("RTSR") Adjustment Work Form

2. Embedded Distributor – Hydro One Networks Inc. ("HONI")



Haldimand County Hydro Inc. EB-2010-0086

# **LDC** Information

Applicant Name	Haldimand County Hydro Inc.
<b>OEB</b> Application Number	EB-2010-0086
LDC Licence Number	ED-2002-0539
Application Type	IRM3



Version : 1.0

Name of LDC:Haldimand County Hydro Inc.File Number:EB-2010-0086

#### **Table of Contents**

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
B1.1 Rate Class And RTSR Rates	Enter Rate Class And RTSR Rates
B1.2 Dist Billing Determinants	Enter Distributor Billing Determinants
B1.3 UTR's and Sub-Transmission	Current and Forecasted UTR's and Hydro One Sub-Transmission Rates
C1.1 Historical Wholesale	Enter Historical Wholesale Transmission
C1.2 Current Wholesale	Calculates Current Wholesale Transmission
C1.3 Forecast Wholesale	Calculates Forecast Wholesale Transmission
D1.1 Adj Network to Curr Whsl	Calculates the Adjustment for RTSR-Network needed to recover Current Wholesale
D1.2 Adj Conn to Curr Whsl	Calculates the Adjustment for RTSR-Connection needed to recover Current Wholesale
E1.1 Adj Network to Fcst Whsl	Calculates the Adjustment for RTSR-Network needed to recover Forecast Wholesale
E1.2 Adj Conn to Fcst Whsl	Calculates the Adjustment for RTSR-Connection needed to recover Forecast Wholesal
F1.1 IRM RTSR Adj - Network	Calculates the IRM RTSR Adjustment Calculation - Network for Rate Generator
F1.2 IRM RTSR Adj - Connection	Calculates the IRM RTSR Adjustment Calculation - Connection for Rate Generator

RTSR -



Name of LDC: File Number: Version : 1.0 Haldimand County Hydro Inc. EB-2010-0086

## Rate Class And 2010 RTSR Rates

Enter Rate Group and Rate Class in the same order as listed on your current Tariff sheet and Rate Generator.

Enter the RTSR-Network and RTSR-Connection rates as approved on your current Tariff sheet.

				NTON
Rate Group	Rate Class	Vol Metric	RTSR - Network	Connection
EMB	Embedded Distributor	kW	2.4907	2.182
NA	Rate Class 2	NA		
NA	Rate Class 3	NA		
NA	Rate Class 4	NA		
NA	Rate Class 5	NA		
NA	Rate Class 6	NA		
NA	Rate Class 7	NA		
NA	Rate Class 8	NA		
NA	Rate Class 9	NA		
NA	Rate Class 10	NA		
NA	Rate Class 11	NA		
NA	Rate Class 12	NA		
NA	Rate Class 13	NA		
NA	Rate Class 14	NA		
NA	Rate Class 15	NA		
NA	Rate Class 16	NA		
NA	Rate Class 17	NA		
NA	Rate Class 18	NA		
NA	Rate Class 19	NA		
NA	Rate Class 20	NA		
NA	Rate Class 21	NA		
NA	Rate Class 22	NA		
NA	Rate Class 23	NA		
NA	Rate Class 24	NA		
NA	Rate Class 25	NA		



Name of LDC: Haldimand County Hydro Inc. File Number: EB-2010-0086 Version : 1.0

## **2009 Distributor Billing Determinants**

Enter the most recently reported RRR billing de						
Loss Adjusted Metered kWh	Yes					
Loss Adjusted Metered kW	No					
				Annlinghis		
Rate Class	Vol Metric	Metered kWh A	Metered kW B	Applicable Loss Factor C	Load Factor D = A / (B * 730)	Loss Adjusted Billed kWh E = A * C



Haldimand County Hydro Inc. EB-2010-0086 Name of LDC: File Number: Version : 1.0

## Uniform Transmission and Hydro One Sub-Transmission Rates

Uniform Transmission Rates			ive January , 2009		ve July 1, 2009		ve January 2010		ve January 2011
Rate Description	Vol Metric	Rate		Rate Rate		Rate	Rate		
Network Service Rate	kW	\$	2.57	\$	2.66	\$	2.97	\$	2.97
Line Connection Service Rate	kW	\$	0.70	\$	0.70	\$	0.73	\$	0.73
Transformation Connection Service Rate	kW	\$	1.62	\$	1.57	\$	1.71	\$	1.71
Hydro One Sub-Transmission Rates		Effective May 1, 2008			ve May 1, 2009	Effective May 1, 2010		Effective May 1, 2011	
Rate Description	Vol Metric		Rate	F	Rate	I	Rate	F	Rate
Network Service Rate	kW	\$	2.01	\$	2.24	\$	2.65	\$	2.65
Line Connection Service Rate	kW	\$	0.50	\$	0.60	\$	0.64	\$	0.64
Transformation Connection Service Rate	kW	\$	1.38	\$	1.39	\$	1.50	\$	1.50
Both Line and Transformation Connection Service Rate	kW	\$	1.88	\$	1.99	\$	2.14	\$	2.14
Hydro One Sub-Transmission Rate Rider 6A		Effective May 1, 2008			ve May 1, 2009	Effective May 1, 2010		Effective May 1, 2011	
Rate Description	Vol Metric	Rate		F	Rate	Rate		Rate	
RSVA Transmission network – 4714 – which affects 1584	kW	\$	-	\$	-	\$	0.0470	\$	0.0470
RSVA Transmission connection – 4716 – which affects 1586	kW	\$	-	\$	-	-\$	0.0250	-\$	0.0250
RSVA LV – 4750 – which affects 1550	kW	\$	-	\$	-	\$	0.0580	\$	0.0580
RARA 1 – 2252 – which affects 1590	kW	\$	-	\$	-	-\$	0.0750	-\$	0.0750
Hydro One Sub-Transmission Rate Rider 6A	kW	\$	-	\$	-	\$	0.0050	\$	0.0050

Embedded Distributor - Hydro One Networks Inc. ("HONI")


Name of LDC: File Number: Version : 1.0

: Haldimand County Hydro Inc. EB-2010-0086

### 2009 Historical Wholesale Transmission

Enter billing detail for wholesale transmission for the same reporting period as the billing determinants on sheet B1.2.

### IESO

1230														
	N	letwork		L	ine Cor	nnect	ion		Transforma	ation Co	onnection	Total Line		
Month	Units Billed	Rate	Amount	Units Bi	lled R	ate	Amount	' ד	Jnits Billed	Rate	Amount		Amour	nt
January		\$ -			\$	-				\$ -		,	ş -	
February		\$ -			\$	-				\$ -		5	ş -	
March		\$ -			\$	-				\$ -		5	÷ -	
April	19,883	\$2.57	\$ 51,099	19,9	921 \$0	).70	\$ 13,945		19,921	\$1.62	\$ 32,273	:	\$ 46,2 <sup>-</sup>	17
May	20,235	\$2.57	\$ 52,005	20,0	607 \$0	).70	\$ 14,425		20,607	\$1.62	\$ 33,384	ę	\$ 47,80	09
June	20,177	\$2.57	\$ 51,854	20,	177 \$0	).70	\$ 14,124		20,177	\$1.62	\$ 32,686	ę	\$ 46,8 <sup>-</sup>	10
July	19,977	\$2.66	\$ 53,140	20,3	307 \$0	).70	\$ 14,215		20,307	\$1.57	\$ 31,882	ę	\$ 46,09	97
August	20,197	\$2.66	\$ 53,724	22,4	450 \$0	).70	\$ 15,715		22,450	\$1.57	\$ 35,246	ç	\$ 50,90	61
September	20,802	\$2.66	\$ 55,333	20,8	802 \$0	).70	\$ 14,561		20,802	\$1.57	\$ 32,659	ç	\$ 47,22	20
October	20,441	\$2.66	\$ 54,373	20,	580 \$0	).70	\$ 14,406		20,580	\$1.57	\$ 32,311	ę	\$ 46,7 <sup>-</sup>	17
November	19,780	\$2.66	\$ 52,616	20,	718 \$0	).70	\$ 14,502		20,718	\$1.57	\$ 32,526	ę	\$ 47,02	29
December	20,048	\$2.66	\$ 53,328	20,0	048 \$0	).70	\$ 14,034		20,048	\$1.57	\$ 31,476	ę	\$ 45,5 <sup>-</sup>	10
												_		
Total	181,540	\$2.63	\$477,472	185,0	61 <mark>0 \$</mark> C	).70	\$129,927		185,610	\$1.59	\$294,443	ę	\$424,37	70

### Hydro One

	N	letwork			Line	Connec	tion		Line Transformation			Total I		
Month	Units Billed	Rate	Amount		Units Billed	Rate	Α	mount	Units Billed	Rate	Amount		Amount	
January		\$ -				\$ -				\$ -			\$ -	
February		\$ -				\$ -				\$ -			\$ -	
March	15,823	\$2.01	\$ 31,805		15,961	\$0.50	\$	7,981	15,961	\$1.38	\$ 22,026		\$ 30,007	
April	15,414	\$2.01	\$ 30,981		15,456	\$0.50	\$	7,728	15,456	\$1.38	\$ 21,330		\$ 29,058	
May	14,405	\$2.01	\$ 28,956		14,500	\$0.50	\$	7,250	14,500	\$1.38	\$ 20,010		\$ 27,259	
June	15,346	\$2.24	\$ 34,375		15,346	\$0.60	\$	9,208	15,346	\$1.39	\$ 21,331		\$ 30,538	
July	14,701	\$2.24	\$ 32,930		14,736	\$0.60	\$	8,841	14,736	\$1.39	\$ 20,482		\$ 29,324	
August	15,494	\$2.24	\$ 34,707		15,511	\$0.60	\$	9,306	15,511	\$1.39	\$ 21,560		\$ 30,867	
September	14,367	\$2.24	\$ 32,182		14,515	\$0.60	\$	8,709	14,515	\$1.39	\$ 20,176		\$ 28,884	
October	14,660	\$2.24	\$ 32,838		14,730	\$0.60	\$	8,838	14,730	\$1.39	\$ 20,475		\$ 29,313	
November	15,221	\$2.24	\$ 34,095		15,221	\$0.60	\$	9,133	15,221	\$1.39	\$ 21,157		\$ 30,290	
December	16,616	\$2.24	\$ 37,219		17,253	\$0.60	\$	10,352	17,253	\$1.39	\$ 23,981		\$ 34,333	
				_										
Total	152,047	\$2.17	\$330,088		153,228	\$0.57	\$	87,345	153,228	\$1.39	\$212,527		\$299,872	

#### Total

	N	letwork		Line Connection Line Transfor		ansforn	mation		Total Line		
Month	Units Billed	Rate	Amount	<b>Units Billed</b>	Rate	Amount	Units Billed	Rate	Amount		Amount
January	-	\$ -	\$-	-	\$ -	\$-	-	\$ -	\$-		\$-
February	-	\$ -	\$-	-	\$ -	\$-	-	\$ -	\$-		\$-
March	15,823	\$2.01	\$ 31,805	15,961	\$0.50	\$ 7,981	15,961	\$1.38	\$ 22,026		\$ 30,007
April	35,296	\$2.33	\$ 82,080	35,378	\$0.61	\$ 21,673	35,378	\$1.52	\$ 53,602		\$ 75,276
May	34,641	\$2.34	\$ 80,961	35,107	\$0.62	\$ 21,675	35,107	\$1.52	\$ 53,393		\$ 75,068
June	35,522	\$2.43	\$ 86,229	35,522	\$0.66	\$ 23,331	35,522	\$1.52	\$ 54,017		\$ 77,348
July	34,678	\$2.48	\$ 86,070	35,043	\$0.66	\$ 23,056	35,043	\$1.49	\$ 52,365		\$ 75,421
August	35,691	\$2.48	\$ 88,431	37,961	\$0.66	\$ 25,021	37,961	\$1.50	\$ 56,806		\$ 81,828
September	35,169	\$2.49	\$ 87,515	35,317	\$0.66	\$ 23,270	35,317	\$1.50	\$ 52,834		\$ 76,105
October	35,101	\$2.48	\$ 87,211	35,310	\$0.66	\$ 23,244	35,310	\$1.49	\$ 52,785		\$ 76,030
November	35,001	\$2.48	\$ 86,711	35,938	\$0.66	\$ 23,635	35,938	\$1.49	\$ 53,684		\$ 77,318
December	36,664	\$2.47	\$ 90,547	37,301	\$0.65	\$ 24,385	37,301	\$1.49	\$ 55,457		\$ 79,842
Total	333,587	\$2.42	\$807,560	338,838	\$0.64	\$217,272	338,838	\$1.50	\$506,970		\$724,242

APPENDIX G Page 6 of 14 Haldimand(HONI)\_2011 IRM3 RTSR Adjustment Workform\_20101029.XLS C1.1 Historical Wholesale



Name of LDC: File Number: Version: 1.0

Haldimand County Hydro Inc. EB-2010-0086

### **Current Wholesale Transmission**

The purpose of this sheet is to calculate the expected billing when current 2010 UTR rates are applied against historical (2009) transmission units.

#### **IESO**

		Network		Line	e Connecti	ion	Transfor	mation Co	nnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$2.9700	\$-	-	\$0.7300	\$-	-	\$1.7100	\$-	\$ -
February	-	\$2.9700	\$-	-	\$0.7300	\$-	-	\$1.7100	\$-	\$ -
March	-	\$2.9700	\$ -	-	\$0.7300	\$-	-	\$1.7100	\$ -	\$ -
April	19,883	\$2.9700	\$ 59,052	19,921	\$0.7300	\$ 14,543	19,921	\$1.7100	\$ 34,065	\$ 48,608
May	20,235	\$2.9700	\$ 60,099	20,607	\$0.7300	\$ 15,043	20,607	\$1.7100	\$ 35,238	\$ 50,281
June	20,177	\$2.9700	\$ 59,924	20,177	\$0.7300	\$ 14,729	20,177	\$1.7100	\$ 34,502	\$ 49,231
July	19,977	\$2.9700	\$ 59,333	20,307	\$0.7300	\$ 14,824	20,307	\$1.7100	\$ 34,725	\$ 49,550
August	20,197	\$2.9700	\$ 59,985	22,450	\$0.7300	\$ 16,388	22,450	\$1.7100	\$ 38,389	\$ 54,777
September	20,802	\$2.9700	\$ 61,781	20,802	\$0.7300	\$ 15,185	20,802	\$1.7100	\$ 35,571	\$ 50,757
Öctober	20,441	\$2.9700	\$ 60,710	20,580	\$0.7300	\$ 15,024	20,580	\$1.7100	\$ 35,192	\$ 50,216
November	19,780	\$2.9700	\$ 58,748	20,718	\$0.7300	\$ 15,124	20,718	\$1.7100	\$ 35,427	\$ 50,551
December	20,048	\$2.9700	\$ 59,543	20,048	\$0.7300	\$ 14,635	20,048	\$1.7100	\$ 34,283	\$ 48,918
Total	181,540	\$2.9700	\$539,175	185,610	\$0.7300	\$135,495	185,610	\$1.7100	\$317,393	\$452,888
Hydro One										
•		Network		Line	e Connecti	ion	Line	Transform	ation	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
	Includes	Hydro One Rat	e Rider	Includes	Hydro One Rate	e Rider				
	B1.3 UTR's an	d Sub-Transmis		B1.3 UTR's an	d Sub-Transmis					
January	-	\$2.6970	\$ -	-		\$ -	-	\$1.5000	\$ -	\$ -
February	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
March	15,823	\$2.6970	\$ 42,676	15,961	\$0.6150	\$ 9,816	15,961	\$1.5000	\$ 23,942	\$ 33,758
April	15,414	\$2.6970	\$ 41,570	15,456	\$0.6150	\$ 9,506	15,456	\$1.5000	\$ 23,185	\$ 32,690
May	14,405	\$2.6970	\$ 38,851	14,500	\$0.6150	\$ 8,917	14,500	\$1.5000	\$ 21,750	\$ 30,667
June	15,346	\$2.6970	\$ 41,388	15,346	\$0.6150	\$ 9,438	15,346	\$1.5000	\$ 23,019	\$ 32,456
July	14,701	\$2.6970	\$ 39,648	14,736	\$0.6150	\$ 9,062	14,736	\$1.5000	\$ 22,103	\$ 31,166
August	15,494	\$2.6970	\$ 41,788	15,511	\$0.6150	\$ 9,539	15,511	\$1.5000	\$ 23,266	\$ 32,805
September	14,367	\$2.6970	\$ 38,748	14,515	\$0.6150	\$ 8,927	14,515	\$1.5000	\$ 21,772	\$ 30,699
October	14,660	\$2.6970	\$ 39,538	14,730	\$0.6150	\$ 9,059	14,730	\$1.5000	\$ 22,095	\$ 31,154
November	15,221	\$2.6970	\$ 41,051	15,221	\$0.6150	\$ 9,361	15,221	\$1.5000	\$ 22,831	\$ 32,192
December	16,616	\$2.6970	\$ 44,813	17,253	\$0.6150	\$ 10,610	17,253	\$1.5000	\$ 25,879	\$ 36,489
Tatal	150.047	<b>A A A A A</b>	<b>*</b> 110 070	150.000	<b>A A A A A</b>	<b>•</b> • • • • • =	150.000	<b>*</b> 4 <b>=</b> 0.00	<b>*</b> • • • • • • •	<b></b>
Total	152,047	\$2.6970	\$410,070	153,228	\$0.6150	\$ 94,235	153,228	\$1.5000	\$229,842	\$324,077
Total							_			
		Network		Line	e Connecti	ion		Transform	ation	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$-	\$-	-	\$-	\$-	-	\$-	\$-	\$-
February	_	\$-	\$-	_	\$-	\$-	_	\$-	\$-	\$-
March	15,823	\$2.6970	\$ 42,676	15,961	\$0.6150	\$ 9,816	15,961	\$1.5000	\$ 23,942	\$ 33,758
April		\$2.8508	\$100,622		\$0.6798	\$ 24,048	35,378	\$1.6183	\$ 57,250	\$ 81,298
May	34,641	\$2.8565	\$ 98,950		\$0.6825	\$ 23,961	35,107		\$ 56,988	\$ 80,948
June		\$2.8521	\$101,312		\$0.6803	\$ 24,167		\$1.6193	\$ 57,521	\$ 81,687
July		\$2.8543			\$0.6816	\$ 23,887		\$1.6217		\$ 80,715
August		•	\$ 30,301 \$ 101 772		¢0.0010	¢ 25,007	27.061		\$ 50,025 \$ 61,655	¢ 00,710

338,838 \$0.6780 \$229,730

35,522\$0.6803\$ 24,16735,043\$0.6816\$ 23,887 35,522 \$1.6193 \$ 57,521 35,043 \$1.6217 \$ 56,829 \$ 81,687 \$ 80,715 37,961 \$0.6830 \$ 25,927 37,961 \$1.6242 \$ 61,655 \$ 87,583 35,317 \$0.6827 \$ 24,112 35,317 \$1.6237 \$ 57,343 \$ 81,455 35,310 \$1.6224 \$ 57,287 35,310 \$0.6820 \$ 24,082 \$ 81,369 35,938 \$0.6813 \$ 24,485 \$ 82,743 35,938 \$1.6211 \$ 58,258 37,301 \$0.6768 \$ 25,246 37,301 \$1.6129 \$ 60,162 \$ 85,407

338,838 \$1.6150 \$547,234

\$776,965

December Total

August

September

October

November

35,691 \$2.8515 \$101,773

35,169 \$2.8585 \$100,529

35,101 \$2.8560 \$100,247

35,001 \$2.8513 \$ 99,798

36,664 \$2.8463 \$104,356

333,587 \$2.8456 \$949,245

APPENDIX G Page 7 of 14

Haldimand(HONI)\_2011 IRM3 RTSR Adjustment Workform\_20101029.XLS C1.2 Current Wholesale



Name of LDC: File Number: Version : 1.0

DC: Haldimand County Hydro Inc. er: EB-2010-0086

### **Forecast Wholesale Transmission**

The purpose of this sheet is to calculate the expected billing when forecasted 2011 UTR rates are applied against historical (2009) transmission units.

#### IESO

		Network		Line	e Connecti	on	Transform	mation Co	nnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$2.9700	\$-	-	\$0.7300	\$-	_	\$1.7100	\$-	\$-
February	-	\$2.9700	\$-	-	\$0.7300	\$-	_	\$1.7100	\$-	\$-
March		\$2.9700	\$- \$-	_	\$0.7300	\$ -		\$1.7100	\$ -	\$- \$-
	-						-			
April	19,883	\$2.9700	\$ 59,052	19,921	\$0.7300	\$ 14,543	19,921	\$1.7100	\$ 34,065	\$ 48,608
May	20,235	\$2.9700	\$ 60,099	20,607	\$0.7300	\$ 15,043	20,607	\$1.7100	\$ 35,238	\$ 50,281
June	20,177	\$2.9700	\$ 59,924	20,177	\$0.7300	\$ 14,729	20,177	\$1.7100	\$ 34,502	\$ 49,231
July	19,977	\$2.9700	\$ 59,333	20,307	\$0.7300	\$ 14,824	20,307	\$1.7100	\$ 34,725	\$ 49,550
August	20,197	\$2.9700	\$ 59,985	22,450	\$0.7300	\$ 16,388	22,450	\$1.7100	\$ 38,389	\$ 54,777
September	20,802	\$2.9700	\$ 61,781	20,802	\$0.7300	\$ 15,185	20,802	\$1.7100	\$ 35,571	\$ 50,757
October	20,441	\$2.9700	\$ 60,710	20,580	\$0.7300	\$ 15,024	20,580	\$1.7100	\$ 35,192	\$ 50,216
November	19,780	\$2.9700	\$ 58,748	20,718	\$0.7300	\$ 15,124	20,718	\$1.7100	\$ 35,427	\$ 50,551
December	20,048	\$2.9700	\$ 59,543	20,048	\$0.7300	\$ 14,635	20,048	\$1.7100	\$ 34,283	\$ 48,918
	,	•	<b>*</b> •••,•••	,	••••••	÷ .,	,	•	<b>+ -</b> ., <b>- - - -</b>	+
Total	181,540	\$2.9700	\$539,175	185,610	\$0.7300	\$135,495	185,610	\$1.7100	\$317,393	\$452,888
	101,010	φ2.0700	\$000,110	100,010	φ0.1000	φ100,100	100,010	φ1.1100	<i><b>Q</b></i> <b>O O O O O O O O O O</b>	\$ 102,000
Lludra Ona										
Hydro One									<u> </u>	
		Network		Line	e Connecti	on		<b>Fransform</b>	ation	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
		Hydro One Rat			Hydro One Rate					
	B1.3 UTR's an	d Sub-Transmis		B1.3 UTR's and	d Sub-Transmis			• • • • • • • •		
January	-	\$2.6970	\$ -	-	\$0.6150		-	\$1.5000	\$-	\$ -
February	-	\$2.6970	\$ -	-	\$0.6150	\$-	-	\$1.5000	\$-	\$ -
March	15,823	\$2.6970	\$ 42,676	15,961	\$0.6150	\$ 9,816	15,961	\$1.5000	\$ 23,942	\$ 33,758
April	15,414	\$2.6970	\$ 41,570	15,456	\$0.6150	\$ 9,506	15,456	\$1.5000	\$ 23,185	\$ 32,690
May	14,405	\$2.6970	\$ 38,851	14,500	\$0.6150	\$ 8,917	14,500	\$1.5000	\$ 21,750	\$ 30,667
June	15,346	\$2.6970	\$ 41,388	15,346	\$0.6150	\$ 9,438	15,346	\$1.5000	\$ 23,019	\$ 32,456
July	14,701	\$2.6970	\$ 39,648	14,736	\$0.6150	\$ 9,062	14,736	\$1.5000	\$ 22,103	\$ 31,166
August	15,494	\$2.6970	\$ 41,788	15,511	\$0.6150	\$ 9,539	15,511	\$1.5000	\$ 23,266	\$ 32,805
September	14,367	\$2.6970	\$ 38,748	14,515	\$0.6150	\$ 8,927	14,515	\$1.5000	\$ 21,772	\$ 30,699
									\$ 22,095	
October	14,660	\$2.6970	\$ 39,538	14,730	\$0.6150	\$ 9,059 \$ 0,264	14,730	\$1.5000		
November	15,221	\$2.6970	\$ 41,051	15,221	\$0.6150	\$ 9,361	15,221	\$1.5000	\$ 22,831	\$ 32,192
December	16,616	\$2.6970	\$ 44,813	17,253	\$0.6150	\$ 10,610	17,253	\$1.5000	\$ 25,879	\$ 36,489
Total	150.0.17	<b>A A A A A A A A A A</b>	<b>•</b> • • • • • • • • • •	150.000	<b>A A A A A</b>	<b></b>	150.000	<b>.</b>	<b>*</b> • • • • • • •	<b>*</b> • • • • • • • • • • • • • • • • • • •
Total	152,047	\$2.6970	\$410,070	153,228	\$0.6150	\$ 94,235	153,228	\$1.5000	\$229,842	\$324,077
Total										
		Network		Line	e Connecti	on	Line	Fransform	ation	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$-	\$-	-	\$-	\$-	-	\$-	\$-	\$-
February	_	\$-	\$-	_	\$-	\$-	_	\$ -	\$-	\$ -
March	15,823	\$2.6970	\$ 42,676	15,961	\$0.6150	\$ 9,816	15,961	\$1.5000	\$ 23,942	\$ 33,758
April	35,296	\$2.8508	\$100,622	35,378	\$0.6798	\$ 24,048	35,378	\$1.6183	\$ 57,250	\$ 81,298
May	34,641	\$2.8565	\$ 98,950 \$ 101 212	35,107	\$0.6825		35,107	\$1.6233	\$ 56,988 \$ 57,521	
June	35,522	\$2.8521	\$101,312	35,522	\$0.6803	\$ 24,167	35,522	\$1.6193	\$ 57,521	\$ 81,687
July	34,678	\$2.8543	\$ 98,981	35,043	\$0.6816	\$ 23,887	35,043	\$1.6217	\$ 56,829	\$ 80,715
August	35,691	\$2.8515	\$101,773		\$0.6830	\$ 25,927	37,961	\$1.6242	\$ 61,655	\$ 87,583
September			\$100,529		\$0.6827			\$1.6237		\$ 81,455
Octobor	25 101	¢ 0 0560	¢ 100 247	25 210	¢ 0 6000	¢ 04.000	25 210	¢ 1 6004	¢ 57.007	¢ 01 260

35,310 \$0.6820 \$ 24,082

35,938 \$0.6813 \$ 24,485

37,301 \$0.6768 \$ 25,246

338,838 \$0.6780 \$229,730

35,310 \$1.6224 \$ 57,287

35,938 \$1.6211 \$ 58,258

37,301 \$1.6129 \$ 60,162

338,838 \$1.6150 \$547,234

\$ 81,369

\$ 82,743

\$ 85,407

\$776,965

December Total

October

November

35,101 \$2.8560 \$100,247

35,001 \$2.8513 \$ 99,798

36,664 \$2.8463 \$104,356

333,587 \$2.8456 \$949,245

APPENDIX G Page 8 of 14 Haldimand(HONI)\_2011 IRM3 RTSR Adjustment Workform\_20101029.XLS C1.3 Forecast Wholesale



Haldimand County Hydro Inc. Name of LDC: File Number: EB-2010-0086 Version: 1.0

### Adjust RTSR-Network to Current Network Wholesale

The purpose of this sheet is to re-align current RTSR-Network to recover current wholesale Network costs.



ount %	Curre	nt Wholesale Billing	•	sted RTSR - Network
/ (E)	(	H) = (G) * (F)	(I) = (H	l) / (B) or (H) / (C)
0%	\$	949,245	\$	2.8374
0%	\$	949,245		
	(G) Cell	G73 Sheet C1.2		



Haldimand County Hydro Inc. Name of LDC: File Number: EB-2010-0086 Version : 1.0

### **Adjust RTSR-Connection to Current Connection Wholesale**

The purpose of this sheet is to re-align current RTSR-Connection to recover current wholesale Connection costs.

Rate Class	Vol Metric		ent RTSR - nnection	Loss Adjusted Billed kWh	Billed kW	Bil	led Amount	Billed Amou
		(A) Colu	mn J Sheet B1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) =	(A) * (B) or (A) * (C)	(F) = (D) / (E)
Embedded Distributor	kW	\$	2.1820	59,211,368	334,545	\$	729,977	100.00%
				59,211,368	334,545	\$	729,977	100.00%
							(E)	





Name of LDC: Haldimand County Hydro Inc. File Number: EB-2010-0086 Version: 1.0

### Adjust RTSR-Network to Forecast Network Wholesale

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.





Name of LDC: Haldimand County Hydro Inc. File Number: EB-2010-0086 Version : 1.0

### Adjust RTSR-Connection to Forecast Connection Wholesale

The purpose of this sheet is to update re-aligned RTSR-Connection rates to recover forecast wholesale Connection costs.

Rate Class	Vol Metric		sted RTSR - nnection	Loss Adjusted Billed kWh	Billed kW	Bil	led Amount	Billed Amou
		(A) Colu	Imn S Sheet D1.2	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) = (	(A) * (B) or (A) * (C)	(F) = (D) / (E
Embedded Distributor	kW	\$	2.3225	59,211,368	334,545	\$	776,965	100.00%
				59,211,368	334,545	\$	776,965	100.00%
							(E)	





Name of LDC: File Number:

Haldimand County Hydro Inc. EB-2010-0086

### **IRM RTSR Adjustment Calculation - Network**

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.





Name of LDC: File Number:

Haldimand County Hydro Inc. EB-2010-0086

### **IRM RTSR Adjustment Calculation - Connection**

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.



Haldimand County Hydro Inc. EB-2010-0086 APPENDIX H

# **APPENDIX H**

# Haldimand County Hydro Inc. Tariff of Rates and Charges *Board-approved* Effective May 1, 2010

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

EB-2009-0265

### **RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to a customer's main place of abode and may include additional buildings served through the same meter, provided they are not rental income units. Residential includes Urban, Suburban and Farm customer's premises which can be occupied on a year-round and seasonal basis. Farm applies to properties actively engaged in agricultural production as defined by Statistics Canada. These premises must be supplied from a single phase primary line. The farm definition does not include tree, sod, or pet farms. Services to year-round pumping stations or other ancillary services remote from the main farm shall be classed as farm. 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 License 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 License 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 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, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

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

Service Charge	\$	12.23
Smart Meter Funding Adder	\$	1.87
Distribution Volumetric Rate	\$/kWh	0.0334
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2011		
Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Deferral/Variance Account Disposition – effective until April 30, 2011	\$/kWh	(0.0014)
Rate Rider for Lost Revenue Adjustment Mechanism/Shared Savings Mechanism Recovery		
- effective until April 30, 2011	\$/kWh	0.0022
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0046

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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

EB-2009-0265

0.0052 0.0013 0.25

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

General Service does include farms supplied from polyphase primary lines. General Service includes commercial, industrial, educational, administrative, auxiliary and government services. It also includes combination services where a variety of uses are made of the service by the owner of one property. This classification applies to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

The application of these rates and charges shall be in accordance with the License 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 License 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 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, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

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

Service Charge Smart Meter Funding Adder	\$ \$	28.60 1.87
Distribution Volumetric Rate Low Voltage Service Rate	\$/kWh \$/kWh	0.0202 0.0003
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2011 Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Deferral/Variance Account Disposition – effective until April 30, 2011 Rate Rider for Lost Revenue Adjustment Mechanism/Shared Savings Mechanism Recovery	\$/kWh	(0.0012)
- effective until April 30, 2011 Retail Transmission Rate – Network Service Rate	\$/kWh \$/kWh	0.0001 0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
MONTHLY RATES AND CHARGES – Regulatory Component		

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

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

EB-2009-0265

### **GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION**

General Service does include farms supplied from polyphase primary lines. General Service includes commercial, industrial, educational, administrative, auxiliary and government services. It also includes combination services where a variety of uses are made of the service by the owner of one property. This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service. Note that for the application of the Retail Transmission Rate – Network Service Rate and the Retail Transmission Rate – Line and Transformation Connection Service Rate the following subclassifications apply:

General Service 50 to 1,000 kW non-interval metered General Service 50 to 1,000 kW interval metered General Service greater than 1,000 to 5,000 kW interval metered.

#### **APPLICATION**

The application of these rates and charges shall be in accordance with the License 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 License 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 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, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

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

Service Charge	\$	102.48
Smart Meter Funding Adder	\$	1.87
Distribution Volumetric Rate	\$/kW	5.3113
Low Voltage Service Rate	\$/kW	0.1502
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2011		
Applicable only for Non-RPP Customers	\$/kW	0.8822
Rate Rider for Deferral/Variance Account Disposition – effective until April 30, 2011	\$/kW	(0.4414)
Rate Rider for Lost Revenue Adjustment Mechanism/Shared Savings Mechanism Recovery		
- effective until April 30, 2011	\$/kW	0.0412
Retail Transmission Rate – Network Service Rate	\$/kW	1.9253
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6749
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.0423
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	1.8512
MONTHLY RATES AND CHARGES – Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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

EB-2009-0265

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

#### APPLICATION

The application of these rates and charges shall be in accordance with the License 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 License 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 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, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

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

Service Charge (per connection)	\$	20.51
Distribution Volumetric Rate	\$/kWh	0.0027
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Deferral/Variance Account Disposition – effective until April 30, 2011	\$/kWh	(0.0019)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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

EB-2009-0265

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account that is an unmetered lighting load supplied to a sentinel light. (Metered sentinel lighting is captured under the consumption of the principal service.) The consumption for these customers is assumed to have the same hourly consumption load profile as for Street Lighting. 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 License 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 License 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 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, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

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

Service Charge (per connection)	\$	7.34
Distribution Volumetric Rate	\$/kW	18.9349
Low Voltage Service Rate	\$/kW	0.1103
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2011		
Applicable only for Non-RPP Customers	\$/kW	0.7389
Rate Rider for Deferral/Variance Account Disposition – effective until April 30, 2011	\$/kW	(3.0344)
Retail Transmission Rate – Network Service Rate	\$/kW	1.4592
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3220

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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

EB-2009-0265

### STREET LIGHTING SERVICE CLASSIFICATION

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

#### APPLICATION

The application of these rates and charges shall be in accordance with the License 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 License 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 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, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

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

Service Charge (per connection) Distribution Volumetric Rate Low Voltage Service Rate	\$ \$/kW \$/kW	3.83 9.7995 0.1081
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2011 Applicable only for Non-RPP Customers Rate Rider for Deferral/Variance Account Disposition – effective until April 30, 2011 Retail Transmission Rate – Network Service Rate	\$/kW \$/kW \$/kW	0.7534 (3.1585) 1.4519
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2950

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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

EB-2009-0265

### microFIT GENERATOR SERVICE CLASSIFICATION

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

#### APPLICATION

The application of these rates and charges shall be in accordance with the License 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 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, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

#### MONTHLY RATES AND CHARGES – Delivery Component – effective September 21, 2009

Service Charge

5.25

\$

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

EB-2009-0265

# EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION FOR HYDRO ONE NETWORKS INC.

This classification applies to Hydro One Networks Inc., an electricity distributor licensed by the Board, and provided electricity by means of Haldimand County Hydro Inc.'s distribution 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 License 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 License 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 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, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

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

Service Charge	\$	181.51
Distribution Wheeling Service Rate	\$/kW	0.5594
Retail Transmission Rate – Network Service Rate	\$/kW	2.4907
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1820
MONTHLY RATES AND CHARGES – Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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

EB-2009-0265

### EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION FOR NORFOLK POWER DISTRIBUTION INC. – effective until December 31, 2010

This classification applies to Norfolk Power Distribution Inc., an electricity distributor licensed by the Board, and provided electricity by means of Haldimand County Hydro Inc.'s distribution 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 License 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 License 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 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, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

#### MONTHLY RATES AND CHARGES

Distribution Wheeling Service Rate	\$/kW	0.6201
Retail Transmission Rate – Network Service Rate	\$/kW	2.9802
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.7162

### Haldimand County Hydro Inc. TARIFF OF RATES AND CHARGES Effective and Implementation Date May 1, 2010

except for the microFIT Generator Class effective date of September 21, 2009

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

EB-2009-0265

### **ALLOWANCES**

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

### SPECIFIC SERVICE CHARGES

#### APPLICATION

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

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

It should be noted that this schedule does not list any charges 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, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

Customer Administration Legal letter charge	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/Reconnect Charge - At Meter During Regular Hours	\$	65.00
Disconnect/Reconnect Charge - 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
Temporary service install & remove – overhead – no transformer	\$	500.00
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35
Bell Canada Pole Rentals	\$	18.08
Norfolk Pole Rentals – Billed	\$	28.61

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

EB-2009-0265

### **RETAIL SERVICE CHARGES (if applicable)**

#### APPLICATION

The application of these rates and charges shall be in accordance with the License 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 License 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 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, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

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 Monthly Fixed Charge, per retailer	\$ \$	100.00 20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

### LOSS FACTORS

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

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0680
Total Loss Factor – Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0573
Total Loss Factor – Primary Metered Customer > 5,000 kW	N/A
Total Loss Factor – Embedded Distributor – Hydro One Networks Inc.	1.0305
Total Loss Factor – Embedded Distributor – Norfolk Power – effective until December 31, 2010	1.0442

Haldimand County Hydro Inc. EB-2010-0086 APPENDIX I

# **APPENDIX I**

# Haldimand County Hydro Inc. Tariff of Rates and Charges *Applied-for* Effective May 1, 2011

#### Haldimand County Hydro Inc. TARIFF OF RATES AND CHARGES Effective May 1, 2011

MONTHLY RATES AND CHARGES

### **Applied For Monthly Rates and Charges**

### Residential

#### Monthly Rates and Charges - Delivery Component

Service Charge	\$	14.10
Service Charge Smart Meters	\$	1.87
Distribution Volumetric Rate	\$/kWh	0.0311
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until April 30, 2012	\$/kWh	(0.00272)
Applicable only for Non-RPP Customers		
Low Voltage Volumetric Rate	\$/kWh	0.0004
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012	\$/kWh	(0.00147)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050
Monthly Rates and Charges - Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### General Service Less Than 50 kW

#### Monthly Rates and Charges - Delivery Component

Service Charge	\$	28.65
Service Charge Smart Meters	\$	1.87
Distribution Volumetric Rate	\$/kWh	0.0202
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until April 30, 2012	\$/kWh	(0.00272)
Applicable only for Non-RPP Customers Low Voltage Volumetric Rate Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kWh \$/kWh	0.0003 (0.00147) 0.0054 0.0045
Monthly Rates and Charges - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)

### General Service 50 to 4,999 kW

#### Monthly Rates and Charges - Delivery Component

Service Charge	\$	102.66
Service Charge Smart Meters	\$	1.87
Distribution Volumetric Rate	\$/kW	4.7636
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until April 30, 2012 Applicable only for Non-RPP Customers	\$/kW	(1.00303)
Low Voltage Volumetric Rate	\$/kW	0.1502
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012	\$/kW	(0.54396)
Retail Transmission Rate – Network Service Rate	\$/kW	2.2015
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.3353
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8092
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.9997
Monthly Rates and Charges - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### Haldimand County Hydro Inc. TARIFF OF RATES AND CHARGES Effective May 1, 2011

MONTHLY RATES AND CHARGES

#### EB-2010-0086

#### **Applied For Monthly Rates and Charges**

#### **Unmetered Scattered Load**

#### Monthly Rates and Charges - Delivery Component

Service Charge (per connection)	\$	20.55
Distribution Volumetric Rate	\$/kWh	0.0027
Low Voltage Volumetric Rate	\$/kWh	0.0003
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012	\$/kWh	(0.00147)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
Monthly Rates and Charges - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### **Sentinel Lighting**

#### Monthly Rates and Charges - Delivery Component

Service Charge (per connection)	\$	12.82
Distribution Volumetric Rate	\$/kW	33.0781
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until April 30, 2012	\$/kW	(0.97507)
Applicable only for Non-RPP Customers		
Low Voltage Volumetric Rate	\$/kW	0.1103
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012	\$/kW	(0.52912)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6686
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4280

#### Monthly Rates and Charges - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### **Street Lighting**

#### Monthly Rates and Charges - Delivery Component

Service Charge (per connection)	\$	6.01
Distribution Volumetric Rate	\$/kW	15.3755
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until April 30, 2012	\$/kW	(0.97743)
Applicable only for Non-RPP Customers Low Voltage Volumetric Rate	\$/kW	0.1081
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012	\$/kW	(0.53011)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6602
Retail Transmission Rate – Line and Transformation Connection Service Rate Monthly Rates and Charges - Regulatory Component	\$/kW	1.3989
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

EB-2010-0086

#### Haldimand County Hydro Inc. TARIFF OF RATES AND CHARGES Effective May 1, 2011

MONTHLY RATES AND CHARGES

### **Applied For Monthly Rates and Charges**

#### Embedded Distributor – Hydro One Networks Inc.

#### Monthly Rates and Charges - Delivery Component

Service Charge	\$	181.84
Distribution Volumetric Rate	\$/kW	0.5604
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until April 30, 2012	\$/kW	0.29787
Applicable only for Non-RPP Customers		
Distribution Volumetric Def Var Disp 2011 – effective until April 30, 2012	\$/kW	0.97343
Retail Transmission Rate – Network Service Rate	\$/kW	2.8374
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.3225
Monthly Rates and Charges - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### microFIT Generator

Service Charge	\$	5.25
Specific Service Charges		
Customer Administration		
Legal letter charge	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account	·	
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection - after regular hours	\$	30.00
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
Other		
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
Specific Charge for Bell Canada Access to the Power Poles - per pole/year		
Note: Specific Charge for Bell Canada Access to the Power Poles is valid only until the existing joint-use agreement is terminated	\$	18.08
Norfolk Pole Rentals – Billed	\$	28.61
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)
		( )

EB-2010-0086

#### Haldimand County Hydro Inc. TARIFF OF RATES AND CHARGES Effective May 1, 2011

MONTHLY RATES AND CHARGES

#### **Applied For Monthly Rates and Charges**

#### Retail Service Charges (if applicable) Retail Service Charges (if applicable)

Retail Service Charges (if applicable)		
Retail Service Charges refer to services provided by a distributor to retailers or customers related		
to the supply of competitive electricity		
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00
LOSS FACTORS		

# Total Loss Factor - Secondary Metered Customer < 5,000 kW</td> 1.0680 Total Loss Factor - Secondary Metered Customer > 5,000 kW 1.0573 Total Loss Factor - Primary Metered Customer < 5,000 kW</td> 1.0573 Total Loss Factor - Primary Metered Customer > 5,000 kW 1.0305 Total Loss Factor - Primary Metered Customer > 5,000 kW 1.0305

Haldimand County Hydro Inc. EB-2010-0086 APPENDIX J

# APPENDIX J

# Recovery of Late Payment Penalty Class Action Litigation and Settlement Costs

#### APPENDIX J

#### RATE RIDER FOR RECOVERY OF LATE PAYMENT PENALTY LITIGATION COSTS

- 1. As part of this application, Haldimand County Hydro Inc. will be seeking recovery of a one-time expense in the amount of \$52,365.64 which is to be paid on June 30, 2011. This payment will serve to resolve long-standing litigation against all former municipal electric utilities ("MEUs") in the Province in relation to late payment penalty ("LPP") charges collected pursuant to, first, Ontario Hydro rate schedules and, after industry restructuring, Ontario Energy Board rate orders (the "LPP Class Action").
- 2. On July 22, 2010, The Honourable Mr. Justice Cumming of the Ontario Superior Court of Justice approved a settlement of the LPP Class Action, the principal terms of which are the following:
  - (a) Former MEUs collectively pay \$17 million in damages;
  - (b) Payment is not due until June 30, 2011; and
  - (c) Amounts paid, after deduction for class counsel fee, will be paid to the Winter Warmth Fund or similar charities.
- 3. Haldimand County Hydro Inc. will make a payment of \$52,365.64 by June 30, 2011. This amount represents Haldimand County Hydro Inc.'s share of the settlement, applicable taxes and legal fees. Haldimand County Hydro Inc. believes that the settlement is in its best interest and the best interest of its customers and that the payment in connection with the settlement will be a prudent one.
- 4. Haldimand County Hydro Inc., along with all other electricity distributors filing for cost of service and IRM applications for 2011 electricity distribution rates (the "LDCs"), proposes that the Board hold a generic hearing at the earliest opportunity to determine if all costs and damages incurred in this litigation and settlement are recoverable from customers and, if so, the form and timing of recovery from customers. If the Board agrees to hold this generic hearing, the LDCs will collectively file written evidence to address the prudence of the settlement, the costs incurred, the methodology of allocating total settlement costs amongst the LDCs, the proposed method of recovery, and any other matters the Board determines appropriate.
- 5. If the Board determines that it will not hold a generic proceeding, Haldimand County Hydro Inc. asks to be advised of this fact as soon as possible so that it can file, to permit adjudication as part of this proceeding, written evidence to address the prudence of the settlement, the costs incurred, the methodology of allocating total settlement costs amongst the LDCs, the proposed method of recovery, and any other matters the Board determines appropriate.