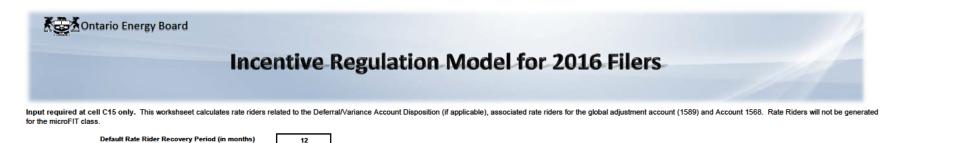
2016 Rate Generator: GS>50 RTSR



Rate Rider Recovery to be used below

12

Proposed Rate Rider Recovery Period (in months)

											Allocation of		Metered kWh or				
							Allocation of Group 1		Deferral/Variance		Balance in Account	Allocation of	kW for Non-RPP				
				Total Metered	Total Metered	Allocation of Group 1	Account Balances to Non-	Deferral/Variance	Account Rate Rider for	Allocation of	1589 to Class A	Balance in Account	Customers	Metered kWh or	Global	Class A	
		Total Metered	Metered kW	kWh less WMP	kW less WMP	Account Balances to All	WMP Classes Only (If	Account Rate	Non-WMP	Balance in Account	Customers (if	1589 to Non-Class A	(less WMP if	kW for Class A	Adjustment	Rate Rider	Account 1568
Rate Class	Unit	kWh	or kVA	consumption	consumption	Classes	Applicable)	Rider	(if applicable)	1589	applicable)	Customers	applicable)	Customers	Rate Rider	(if applicable)	Rate Rider

# **Incentive Regulation Model for 2016 Filers**

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

For the 2014 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)		24,000		
1. Tax Related Amounts Forecast from Capital Tax Rate Changes		2014		2016
Taxable Capital (if you are not claiming capital tax, please enter your Board-	\$	131,828,683	\$	131,828,683
Approved Rate Base)	ć		ć	
Deduction from taxable capital up to \$15,000,000 Net Taxable Capital	\$ \$	- 131,828,683	\$ \$	- 131,828,683
Rate	Ş	0.00%	ç	0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$	-	\$	-
2. Tax Related Amounts Forecast from Income Tax Rate Changes				
Regulatory Taxable Income	\$	841,416	\$	841,416
Corporate Tax Rate		22.34%		26.500%
Tax Impact	\$	163,975	\$	198,975
Grossed-up Tax Amount	\$	211,146	\$	270,715
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$	-	\$	-
Tax Related Amounts Forecast from Income Tax Rate Changes Total Tax Related Amounts	\$ \$	211,146 211,146	\$ \$	270,715 270,715
Incremental Tax Savings	Ş	211,140	\$	59,569
Sharing of Tax Amount (50%)			\$	29,784

#### Incentive Regulation Model for 2016 Filers

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last Board Approved Cost of Service app leation in columns C through H. As per the Chapter 3 Filing Guidelines, shared tax rate riders are based on a 1 year discosition.

Rate Class		Re based Billed Customers or Connections A	Re based Billed kWh B	Re based Billed kW C	Re baed Serv ce Charce D	Re based Distribution Volumetric Rate kWh E	Re based Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue KWh H = B * E	Distribution Volumetric Rate Revenue KW I = C * F	Revenue Requirement from Rates J=G H I	Service Charge % Revenue K = G / J	Distribution Volumetric Rate % Revenue kWh L=H/J	Distribution Volumetric Rate % Revenue kW M =1/J	otal % Revenue N = J / R
RESIDENTIAL SERVICE CLASSIFICATION	kWh	59,869	553,858,289	0	11.88	0 0162	0.0000	8,534,925	8,945,306	0	17 480, 231	48.8%	51.2%	0.0%	59.4%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	5,224	173,842,956	0	24.77	0 0133	0.0000	1,552,782	2,311,345	0	3,864 127	40.2%	59.8%	0.0%	13.1%
GENERAL SERVICE 50 TO 4,999 KW SERV CE CLASSIFICATION	kW	1,012	897,316,673	2,451,173	58.05	0 0000	2.8577	704,959	0	7,004,705	7,709 662	91%	0.0%	90.9%	26.2%
UNMETERED SCATTERED LOAD SERVICE CLASSIF CATION	kWh	605	3,151,827	0	8.89	0 0154	0.0000	64 541	48 514	0	113,055	57.1%	42.9%	0.0%	0.4%
STREET LIGHTING SERVICE CLASS FICATION	kW	15,272	0	30,525	0.59	0 0000	4.3040	108,126	0	131,380	239,506	45.1%	0.0%	54.9%	0.8%
otal		81,982	1 628,169,746	2,481,698				10,965 333	11 305 165	7,136,083	29 406 581				100.0%

Rafe Class	otal KWh (most recent RRR filing)	otal KW (most recent RRR filing)	Allocation of ax Savings by Rate Class	Distribution Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION kWh	528,231 336	20	17,705	0.02	\$/custome
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION kWh	171,801 204	4 873	3 914	0.0000	kWh
GENERAL SERVICE 50 TO 4,999 KW SERV CE CLASSIFICATION KW	898,691 394	2 397,592	7 809	0.0033	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIF CATION kWh	2,918,355		115	0.0000	kWh
STREET LIGHTING SERVICE CLASS FICATION KW	9,908,526	27,634	243	0.0088	kW
otal	1,611,550,815	2 430,119	\$29,784		

Eurlington Hydro Inc. EB-2015-0056 Tab C-2, Page 14 of 36 Filed: November 2, 2015

2016 Rate Generator: GS>50 RTSR

Incentive Regulati	ion Mo	del fo	or 2016	Filers	i -						
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	-							și :	1		
								911	1	8888	111

# Incentive Regulation Model for 2016 Filers

Uniform Transmission Rates	Unit		ective ry 1, 2014		fective Iry 1, 2015		fective ary 1, 2016
Rate Description		F	Rate	I	Rate		Rate
Network Service Rate	kW	\$	3.82	\$	3.78	\$	3.78
Line Connection Service Rate	kW	\$	0.82	\$	0.86	\$	0.86
Transformation Connection Service Rate	kW	\$	1.98	\$	2.00	\$	2.00
		Eff	ective				
Hydro One Sub-Transmission Rates	Unit	January	1, 2014 to 30, 2015		fective 1, 2015		fective ary 1, 2016
Rate Description			Rate		Rate		Rate
Network Service Rate	kW	\$	3.23	\$	3.4121	\$	3.4121
Line Connection Service Rate	kW	\$	0.65	\$	0.7879	\$	0.7879
Transformation Connection Service Rate	kW	\$	1.62	\$	1.8018	\$	1.8018
Both Line and Transformation Connection Service Rate	kW	\$	2.27	\$	2.5897	\$	2.5897
If needed, add extra host here. (I)	Unit		fective		fective		ffective
			ry 1, 2014	Janua	ary 1, 2015		ary 1, 2016
Rate Description		F	Rate		Rate		Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-
If needed, add extra host here. (II)	Unit		fective		fective		ffective
	Unit	Janua	ry 1, 2014	Janua	ary 1, 2015	Janu	ary 1, 2016
Rate Description		F	Rate	l	Rate		Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-
Hydro One Sub-Transmission Rate Rider 9A	Unit		fective ry 1, 2014		ffective ary 1, 2015		ffective ary 1, 2016
Rate Description		F	Rate		Rate		Rate
RSVA Transmission network - 4714 - which affects 1584	kW	\$	0.1465	\$	-	\$	-
RSVA Transmission connection - 4716 - which affects 1586	kW	\$	0.0667	\$	-	\$	-
RSVA LV – 4750 – which affects 1550	kW	\$	0.0475	\$	-	\$	-
RARA 1 – 2252 – which affects 1590	kW	\$	0.0419	\$	-	\$	-
RARA 1 – 2252 – which affects 1590 (2008)	kW	-\$	0.0270	\$	-	\$	-
RARA 1 – 2252 – which affects 1590 (2009)	kW	-\$	0.0006	\$	-	\$	-
Hydro One Sub-Transmission Rate Rider 9A	kW	\$	0.2750	\$	-	\$	-
							_
l ow Voltage Switchgear Credit (if applicable, enter as a negative		Histor	ical 2014	Curr	ent 2015	Fore	cast 2016

\$

Low Voltage Switchgear Credit (if applicable, enter as a negative value)

-	\$
Current 2015	Forecast

# **Incentive Regulation Model for 2016 Filers**

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet 3. For Hydro One Sub transmission fastes, if you are charged a combined Line and Transformer connection rats, please ensure that both the line connection and transformer connection columns are completed.

IESO Month	Units Billed	Network	Amount	Units Billed	ne Connec	tion	Transfor Units Billed	mation Co	onnection	Total Line
Nota	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	256 076	\$3.82	\$ 978 212	304 666	\$0.82	\$ 249 826	304 666	\$1.98	\$ 603 239	\$ 853,065
February	274,504	\$3.82	\$ 1,048,606	261,580	\$0.82	\$ 214 496	261,580	\$1.98	\$ 517,928	\$ 732,424
March	281 351	\$3.82	\$ 1 074 761	258 543	\$0.82	\$ 212 005	258 543	\$1.98	\$ 511 915	\$ 723,920
April	253,317	\$3.82	\$ 967,671	258,543	\$0.82	\$ 212 005	258,543	\$1.98	\$ 511,915	\$ 723,920
May	242 129	\$3.82	\$ 924 932	300 838	\$0.82	\$ 246 687	300 838	\$1.98	\$ 595 659	\$ 842,346
June	246,559	\$3.82	\$ 941,855	344,247	\$0.82	\$ 282 283	344,247	\$1.98	\$ 681,609	\$ 963,892
July	274 121	\$3.82	\$ 1047143	324 259	\$0.82	\$ 265 892	324 259	\$1.98	\$ 642 033	\$ 907,925
August	279,366	\$3.82	\$ 1,067,176	328,673	\$0.82	\$ 269 512	328,673	\$1.98	\$ 650,773	\$ 920,284
September	307 694	\$3.82	\$ 1 175 391	333 573	\$0.82	\$ 273 530	333 573	\$1.98	\$ 660 475	\$ 934,004
October	275,308	\$3.82	\$ 1,051,676	242,261	\$0.82	\$ 198 654	242,261	\$1.98	\$ 479,677	\$ 678,331
November	269 002	\$3.82	\$ 1 027 587	258 816	\$0.82	\$ 212 229	258 816	\$1.98	\$ 512 456	\$ 724,685
December	246,877	\$3.82	\$ 943,071	259,214	\$0.82	\$ 212 555	259,214	\$1.98	\$ 513,244	\$ 725,799
Total	3 206 304	\$ 3.82	\$ 12 248 080	3 475 213	\$ 0.82	\$ 2849675	3 475 213	\$ 1.98	\$ 6 880 922	\$ 9730 596
Hydro One		Network		Li	19 Connec	tion	Transfor	mation Co	onnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.00			\$0.00			\$0.00		ş -
February		\$0.00			\$0.00			\$0.00		ş -
March		\$0.00			\$0.00			\$0.00		ş -
April		\$0.00			\$0.00			\$0.00		ş -
May		\$0.00			\$0.00			\$0.00		s -
June		\$0.00			\$0.00			\$0.00		s -
July		\$0.00			\$0.00			\$0.00		\$ -
August		\$0.00			\$0.00			\$0.00		ş -
September		\$0.00			\$0.00			\$0.00		ş -
October		\$0.00			\$0.00			\$0.00		ş -
November		\$0.00			\$0.00			\$0.00		\$ -
December		\$0.00			\$0.00			\$0.00		\$ -
Total									-	-
TOR		\$ -	<b>)</b> -		\$ -	<u>،</u>	-	\$ -	<b>)</b> -	ş -
Add Extra Host Here (I)		Network		Li	ie Connec	tion	Transfor	mation Co	onnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.00			\$0.00			\$0.00		ş -
February		\$0.00			\$0.00			\$0.00		s -
March		\$0.00			\$0.00			\$0.00		ş -
April		\$0.00			\$0.00			\$0.00		ş -
May		\$0.00			\$0.00			\$0.00		ş -
June		\$0.00			\$0.00			\$0.00		ş -
July		\$0.00			\$0.00			\$0.00		ş -
August		\$0.00			\$0.00			\$0.00		ş -
September		\$0.00			\$0.00			\$0.00		ş -
October		\$0.00			\$0.00			\$0.00		ş -
November		\$0.00			\$0.00			\$0.00		ş -
December		\$0.00			\$0.00			\$0.00		s -
Total	-	ş -	ş -	-	ş -	ş -	-	ş -	ş -	\$ -
Add Extra Host Here (II)		Network		Lit	ie Connec	tion	Transfor	mation Co	onnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.00			\$0.00			\$0.00		ş -
February		\$0.00			\$0.00			\$0.00		\$ -
March		\$0.00			\$0.00			\$0.00		\$ -
April		\$0.00			\$0.00			\$0.00		s -
May		\$0.00			\$0.00			\$0.00		\$ -
June		\$0.00			\$0.00			\$0.00		\$ -
July		\$0.00			\$0.00			\$0.00		\$ -
August		\$0.00			\$0.00			\$0.00		\$ -
September		\$0.00			\$0.00			\$0.00		s -
October		\$0.00			\$0.00			\$0.00		s -
November		\$0.00			\$0.00			\$0.00		s -
December		\$0.00			\$0.00			\$0.00		š -
Total										<b>\$</b> -
	-		, .	-	• •	• •		• •		
Total		Network		Lir	ie Connec	tion	Transfor	mation Co	onnection	Total Line
		Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
Month	Units Billed				\$0.82	\$ 249.826	304.666	\$1.98		\$ 853.065
January	256,076	\$3.82	\$ 978,212	304,666					\$ 603,239	
January February	256,076 274,504	\$3.82 \$3.82	\$ 1,048,606	261,580	\$0.82	\$ 214,496	261,580	\$1.98	\$ 517,928	\$ 732,424
January February March	256,076 274,504 281,351	\$3.82 \$3.82 \$3.82	\$ 1,048,606 \$ 1,074,761	261,580 258,543	\$0.82 \$0.82	\$ 214,496 \$ 212,005	258,543	\$1.98 \$1.98	\$ 517,928 \$ 511,915	\$ 732,424 \$ 723,920
January February	256,076 274,504	\$3.82 \$3.82	\$ 1,048,606	261,580	\$0.82	\$ 214,496	261,580 258,543 258,543	\$1.98	\$ 517,928	\$ 732,424
January February March April May	256,076 274,504 281,351 253,317 242,129	\$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82	\$ 1,048,606 \$ 1,074,761 \$ 967,671 \$ 924,932	261,580 258,543 258,543 300,838	\$0.82 \$0.82 \$0.82 \$0.82 \$0.82	\$ 214,496 \$ 212,005 \$ 212,005 \$ 212,005 \$ 246,687	258,543 258,543 300,838	\$1.98 \$1.98 \$1.98 \$1.98	\$ 517,928 \$ 511,915 \$ 511,915 \$ 511,915 \$ 595,659	\$ 732,424 \$ 723,920 \$ 723,920 \$ 842,346
January February March April May June	256,076 274,504 281,351 253,317 242,129 246,559	\$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82	\$ 1,048,606 \$ 1,074,761 \$ 967,671 \$ 924,932 \$ 941,855	261,580 258,543 258,543 300,838 344,247	\$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82	\$ 214,496 \$ 212,005 \$ 212,005 \$ 246,687 \$ 282,283	258,543 258,543 300,838 344,247	\$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98	\$ 517,928 \$ 511,915 \$ 511,915 \$ 595,659 \$ 681,609	\$ 732,424 \$ 723,920 \$ 723,920 \$ 842,346 \$ 963,892
January February March April May	256,076 274,504 281,351 253,317 242,129	\$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82	\$ 1,048,606 \$ 1,074,761 \$ 967,671 \$ 924,932	261,580 258,543 258,543 300,838	\$0.82 \$0.82 \$0.82 \$0.82 \$0.82	\$ 214,496 \$ 212,005 \$ 212,005 \$ 212,005 \$ 246,687	258,543 258,543 300,838	\$1.98 \$1.98 \$1.98 \$1.98	\$ 517,928 \$ 511,915 \$ 511,915 \$ 595,659 \$ 681,609 \$ 642,033	\$ 732,424 \$ 723,920 \$ 723,920 \$ 842,346
January February March April May June June	256,076 274,504 281,351 253,317 242,129 246,559 274,121	\$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82	\$ 1,048,606 \$ 1,074,761 \$ 967,671 \$ 924,932 \$ 941,855 \$ 1,047,143	261,580 258,543 258,543 300,838 344,247 324,259	\$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82	\$ 214,496 \$ 212,005 \$ 212,005 \$ 246,687 \$ 282,283 \$ 265,892	258,543 258,543 300,838 344,247 324,259	\$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98	\$ 517,928 \$ 511,915 \$ 511,915 \$ 595,659 \$ 681,609 \$ 642,033	\$ 732,424 \$ 723,920 \$ 723,920 \$ 842,346 \$ 963,892 \$ 907,925
January February March April May June Juny August	256,076 274,504 281,351 253,317 242,129 246,559 274,121 279,366	\$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82	\$ 1,048,606 \$ 1,074,761 \$ 967,671 \$ 924,932 \$ 941,855 \$ 1,047,143 \$ 1,067,176	261,580 258,543 258,543 300,838 344,247 324,259 328,673	\$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82	\$ 214,496 \$ 212,005 \$ 212,005 \$ 246,687 \$ 282,283 \$ 265,892 \$ 269,512	258,543 258,543 300,838 344,247 324,259 328,673 333,573	\$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98	\$ 517,928 \$ 511,915 \$ 511,915 \$ 595,659 \$ 681,609 \$ 642,033 \$ 650,773	\$ 732,424 \$ 723,920 \$ 723,920 \$ 842,346 \$ 963,892 \$ 907,925 \$ 920,284
January February March April May June June	256,076 274,504 281,351 253,317 242,129 246,559 274,121	\$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82	\$ 1,048,606 \$ 1,074,761 \$ 967,671 \$ 924,932 \$ 941,855 \$ 1,047,143 \$ 1,067,176 \$ 1,175,391	261,580 258,543 258,543 300,838 344,247 324,259 328,673 333,573	\$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82	\$ 214,496 \$ 212,005 \$ 212,005 \$ 246,687 \$ 282,283 \$ 265,892 \$ 269,512 \$ 273,530	258,543 258,543 300,838 344,247 324,259 328,673 333,573	\$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98	\$ 517,928 \$ 511,915 \$ 511,915 \$ 595,659 \$ 681,609 \$ 642,033 \$ 650,773 \$ 660,475	\$ 732,424 \$ 723,920 \$ 723,920 \$ 842,346 \$ 963,892 \$ 907,925 \$ 907,925 \$ 920,284 \$ 934,004
Januany February March Any June June Juny August September	256,076 274,504 281,351 253,317 242,129 246,559 274,121 279,366 307,694	\$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82	\$ 1,048,606 \$ 1,074,761 \$ 967,671 \$ 924,932 \$ 941,855 \$ 1,047,143 \$ 1,067,176 \$ 1,175,391 \$ 1,051,676 \$ 1,027,587	261,580 258,543 258,543 300,838 344,247 324,259 328,673	\$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82	\$ 214,496 \$ 212,005 \$ 242,005 \$ 242,005 \$ 246,687 \$ 262,283 \$ 265,892 \$ 269,512 \$ 273,530 \$ 198,654 \$ 212,229	258,543 258,543 300,838 344,247 324,259 328,673	\$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98	\$ 517,928 \$ 511,915 \$ 511,915 \$ 595,659 \$ 661,609 \$ 642,033 \$ 650,773 \$ 660,475 \$ 479,677 \$ 512,456	\$ 732,424 \$ 723,920 \$ 723,920 \$ 842,346 \$ 963,892 \$ 907,925 \$ 920,284 \$ 934,004 \$ 678,331 \$ 724,685
January February March April June Juny August September October	256,076 274,504 281,351 253,317 242,129 246,559 274,121 279,366 307,694 275,308	\$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82	\$ 1,048,606 \$ 1,074,761 \$ 967,671 \$ 924,932 \$ 941,855 \$ 1,047,143 \$ 1,067,176 \$ 1,175,391 \$ 1,051,676	261,580 258,543 300,838 344,247 324,259 328,673 333,573 242,261	\$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82	\$ 214,496 \$ 212,005 \$ 212,005 \$ 246,687 \$ 265,892 \$ 265,892 \$ 265,892 \$ 269,512 \$ 273,530 \$ 198,654	258,543 258,543 300,838 344,247 324,259 328,673 333,573 242,261	\$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98	\$ 517,928 \$ 511,915 \$ 511,915 \$ 595,659 \$ 681,609 \$ 642,033 \$ 650,773 \$ 660,475 \$ 479,677	\$ 732,424 \$ 723,920 \$ 723,920 \$ 842,346 \$ 963,892 \$ 907,925 \$ 920,284 \$ 934,004 \$ 678,331
January February March April June June June June September October November December	256,076 274,504 281,351 253,317 242,129 246,559 274,121 279,366 307,694 275,308 269,002 246,877	\$3.62 \$3.62 \$3.62 \$3.62 \$3.62 \$3.62 \$3.62 \$3.62 \$3.62 \$3.62 \$3.62 \$3.62 \$3.62 \$3.62 \$3.62	\$ 1,048,606 \$ 1,074,761 \$ 967,671 \$ 924,932 \$ 941,855 \$ 1,047,143 \$ 1,067,176 \$ 1,175,391 \$ 1,051,676 \$ 1,027,587 \$ 943,071	261,580 258,543 300,838 344,247 324,259 328,673 333,573 242,261 258,816 259,214	\$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82	\$ 214,496 \$ 212,005 \$ 212,005 \$ 246,687 \$ 282,283 \$ 265,892 \$ 269,512 \$ 273,530 \$ 198,654 \$ 212,229 \$ 212,555	258,543 258,543 300,838 344,247 324,259 328,673 333,573 242,261 258,816 259,214	\$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98	\$ 517,928 \$ 511,915 \$ 551,915 \$ 555,659 \$ 681,609 \$ 642,033 \$ 650,773 \$ 650,773 \$ 650,475 \$ 479,677 \$ 512,456 \$ 513,244	\$ 732,424 \$ 723,920 \$ 723,920 \$ 842,346 \$ 963,892 \$ 907,925 \$ 920,284 \$ 934,004 \$ 678,331 \$ 724,685 \$ 725,799
January February March April May June July August September October November	256,076 274,504 281,351 253,317 242,129 246,559 274,121 279,366 307,694 275,308 269,002	\$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82 \$3.82	\$ 1,048,606 \$ 1,074,761 \$ 967,671 \$ 924,932 \$ 941,855 \$ 1,047,143 \$ 1,067,176 \$ 1,175,391 \$ 1,051,676 \$ 1,027,587 \$ 943,071	261,580 258,543 258,543 300,838 344,247 324,259 328,673 333,573 242,261 258,816	\$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82 \$0.82	\$ 214,496 \$ 212,005 \$ 242,005 \$ 242,005 \$ 246,687 \$ 262,283 \$ 265,892 \$ 269,512 \$ 273,530 \$ 198,654 \$ 212,229	258,543 258,543 300,838 344,247 324,259 328,673 333,573 242,261 258,816	\$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98 \$1.98	\$ 517,928 \$ 511,915 \$ 511,915 \$ 595,659 \$ 661,609 \$ 642,033 \$ 650,773 \$ 660,475 \$ 479,677 \$ 512,456	\$ 732,424 \$ 723,920 \$ 723,920 \$ 842,346 \$ 963,892 \$ 907,925 \$ 920,284 \$ 934,004 \$ 678,331 \$ 724,685

# **Incentive Regulation Model for 2016 Filers**

The purpose of this sheet is to calculate the expected billing when current 2015 Uniform Transmission Rates are applied against historical 2014 transmission units.

IESO		Network		Lin	e Connection	1	Transfo	rmation Cor	nnection	Total Line																																												
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount																																												
January	256 076 \$	3.7800	§ 967 969	304 666	\$ 0.8600 \$	262 013	304 666	\$ 2 0000	\$ 609 332	\$ 871,345																																												
February	274,504 \$				\$ 0.8600 \$				\$ 523,160	\$ 748,119																																												
March	281 351 \$			258 543					\$ 517 086	\$ 739,433																																												
					\$ 0.8600 \$																																																	
April										\$ 739,433 \$ 060,207																																												
May	242 129 \$				\$ 0.8600 \$				\$ 601 676	\$ 860,397																																												
June	246,559 \$				\$ 0.8600 \$				\$ 688,494	\$ 984,546																																												
July	274,121 \$				\$ 0.8600 \$	· · · · ·			\$ 648,518	\$ 927,381																																												
August	279,366 \$				\$ 0.8600 \$				\$ 657,346	\$ 940,005																																												
September	307,694 \$			333,573					\$ 667,146	\$ 954,019																																												
October	275 308 \$				\$ 0.8600 \$				\$ 484 522	\$ 692,866																																												
November	269,002 \$			258,816					\$ 517,632	\$ 740,214																																												
December	246 877 \$	3.7800	§ 933 196	259 214	\$ 0.8600 \$	5 222 924	259 214	\$ 2 0000	\$ 518 428	\$ 741,352																																												
Total	3,206,304 \$	3.78	12,119,828	3,475,213	\$086\$	5 2,988,683	3,475,213	\$ 2.00	\$ 6,950,426	\$ 9,939,109																																												
Hydro One		Network		Lin	e Connection	1	Transfo	rmation Cor	nection	Total Line																																												
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount																																												
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April	- \$				\$ 0.7167 \$				\$ -	\$-																																												
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June							-		\$ -																																													
July	- \$		•		\$ 0.7879 \$		-		\$ -	\$ -																																												
August	- \$				\$ 0.7879 \$		-		\$ -	\$ -																																												
September	- \$				\$ 0.7879 \$		-	-	\$ -	\$ -																																												
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November	- \$				\$ 0.7879 \$		-		\$ -	\$ -																																												
December	- \$	3.4121	5 -	-	\$ 0.7879 \$	; -	-	\$ 18018	\$ -	\$-																																												
Total	- \$	- (	ş -	-	\$-\$	; -	-	<b>\$</b> -	\$-	\$-																																												
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# **Incentive Regulation Model for 2016 Filers**

The purpose of this sheet is to calculate the expected billing when current 2015 Uniform Transmission Rates are applied against historical 2014 transmission units.

December	- \$	-	\$-	-	\$-	<b>\$</b> -	-	\$-	\$-	<b>\$</b> -
Total	- \$	-	\$-	-	\$ -	\$-	-	<b>\$</b> -	\$-	<b>\$</b> -
Total		Network		Lin	ne Connecti	on	Transfor	mation Cor	nection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	256,076	\$3.78	\$ 967,969	304,666	\$0.86	\$ 262,013	304,666	\$2.00	\$ 609,332	\$ 871,345
February	274,504	\$3.78	\$ 1,037,625	261,580	\$0.86	\$ 224,959	261,580	\$2.00	\$ 523,160	\$ 748,119
March	281,351	\$3.78	\$ 1,063,507	258,543	\$0.86	\$ 222,347	258,543	\$2.00	\$ 517,086	\$ 739,433
April	253,317	\$3.78	\$ 957,538	258,543	\$0.86	\$ 222,347	258,543	\$2.00	\$ 517,086	\$ 739,433
May	242,129	\$3.78	\$ 915,246	300,838	\$0.86	\$ 258,721	300,838	\$2 00	\$ 601,676	\$ 860,397
June	246,559	\$3.78	\$ 931,992	344,247	\$0.86	\$ 296,052	344,247	\$2 00	\$ 688,494	\$ 984,546
July	274,121	\$3.78	\$ 1,036,178	324,259	\$0.86	\$ 278,863	324,259	\$2 00	\$ 648,518	\$ 927,381
August	279,366	\$3.78	\$ 1,056,002	328,673	\$0.86	\$ 282,659	328,673	\$2 00	\$ 657,346	\$ 940,005
September	307,694	\$3.78	\$ 1,163,083	333,573	\$0.86	\$ 286,873	333,573	\$2.00	\$ 667,146	\$ 954,019
October	275,308	\$3.78	\$ 1,040,664	242,261	\$0.86	\$ 208,344	242,261	\$2.00	\$ 484,522	\$ 692,866
November	269,002	\$3.78	\$ 1,016,827	258,816	\$0.86	\$ 222,582	258,816	\$2.00	\$ 517,632	\$ 740,214
December	246,877	\$3.78	\$ 933,196	259,214	\$0.86	\$ 222,924	259,214	\$2.00	\$ 518,428	\$ 741,352
Total	3,206,304 \$	3.78	\$ 12,119,828	3,475,213	\$ 0.86	\$ 2,988,683	3,475,213	\$ 2.00	\$ 6,950,426	\$ 9,939,109

# **Incentive Regulation Model for 2016 Filers**

The purpose of this sheet is to calculate the expected billing when forecasted 2016 Uniform Transmission Rates are applied against historical 2014 transmission units.

IESO		Network		Lir	ne Connection	n	Transfo	rmation Con	nection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	256 076	\$ 3.7800 \$	967 969	304 666	\$ 0.8600 \$	262 013	304 666	\$ 2.0000	<b>5</b> 609 332	\$ 871,345
	274,504	\$ 3.7800			\$ 0.8600		261,580		\$ 523,160	\$ 748,119
February										
March	281 351				\$ 0.8600				\$ 517 086	\$ 739,433
April		\$ 3.7800 \$			\$ 0 8600 \$				\$ 517,086	\$ 739,433
May		\$ 3.7800 \$			\$ 0 8600 \$				\$ 601 676	\$ 860,397
June	246,559	\$ 3.7800 \$	5 931,992	344,247	\$ 0 8600 \$	\$ 296,052	344,247	\$ 2.0000	\$ 688,494	\$ 984,546
July	274,121	\$ 3.7800 \$	5 1,036,178	324,259	\$ 0 8600 \$	278,863	324,259	\$ 2.0000	\$ 648,518	\$ 927,381
August	279,366	\$ 3.7800 \$	5 1,056,002	328,673	\$ 0 8600 \$	282,659	328,673	\$ 2.0000	\$ 657,346	\$ 940,005
September	307,694	\$ 3.7800 \$	5 1,163,083	333.573	\$ 0 8600 \$	286,873	333.573	\$ 2.0000	\$ 667,146	\$ 954,019
October	275 308	\$ 3.7800 \$			\$ 0 8600 \$			\$ 2.0000		\$ 692,866
November		\$ 3.7800			\$ 0 8600 \$			\$ 2.0000		\$ 740,214
December		\$ 3.7800			\$ 0 8600 \$			\$ 2.0000		\$ 741,352
Total				-			-	-		
	3,206,304		12,119,828	3,475,213			3,475,213		\$ 6,950,426	\$ 9,939,109
Hydro One		Network		Lir	e Connection	n	Transfo	rmation Conr	nection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.4121 \$	5 -	-	\$ 0.7879 \$	6 -	-	\$ 1.8018	5 -	<b>\$</b> -
February	-	\$ 3.4121 \$	5 -	-	\$ 0.7879	5 -	-	\$ 1.8018	5 -	\$-
March	-	\$ 3,4121 \$	6 -	-	\$ 0.7879 \$	6 -	-	\$ 1.8018	S -	<b>\$</b> -
April	-	\$ 3.4121	5 -	-	\$ 0.7879 \$	5 -	-		5 -	\$ -
May	-	\$ 3.4121		-	\$ 0.7879 \$		-		S -	<b>\$</b> -
June	-	\$ 3.4121		-	\$ 0.7879 \$		-		S -	\$ -
July	-	\$ 3.4121		-	\$ 0.7879		-		s -	š -
August	_	\$ 3.4121			\$ 0.7879				<b>5</b> -	š -
September		\$ 3.4121			\$ 0.7879				\$-	s -
October	-	\$ 3.4121 \$		-			-		s -	φ - \$ -
November	-			-			-			⊅ - \$ -
	-	\$ 3.4121 \$		-	\$ 0.7879 \$		-		5 -	
December	-	\$ 3.4121 \$	-	-	\$ 0.7879 \$	-	-	\$ 1.8018	5 -	\$ -
								-	-	•
Total										
Total	-	\$ - \$	5 -	-	\$ - \$	5 -	-	<b>\$</b> -	\$-	<b>\$</b> -
Total Add Extra Host Here (I)	-	S - S	-		• - •			s -		S -
	- Units Billed		Amount							
Add Extra Host Here (I) Month		Network Rate	Amount	Lir	ne Connection Rate	n Amount	Transfo	rmation Conr Rate	nection Amount	Total Line Amount
Add Extra Host Here (I) Month January		Network Rate \$ - \$	Amount	Lir	Rate	n Amount 5 -	Transfo	rmation Conr Rate \$ -	Amount	Total Line Amount \$ -
Add Extra Host Here (I) Month January February		Network Rate \$ - \$ \$ - \$	Amount	Lir	ne Connection Rate \$ - \$ \$ - \$	Amount	Transfo	rmation Con Rate \$ - \$ -	Amount 5 - 5 -	Total Line Amount \$ - \$ -
Add Extra Host Here (I) Month January February March		Network Rate \$ - \$ \$ - \$ \$ - \$	Amount 5 - 5 -	Lir	ne Connection Rate \$ - \$ \$ - \$ \$ - \$	Amount 5 - 5 - 5 -	Transfo	rmation Conr Rate \$ - \$ - \$ -	Amount 5 - 5 - 5 - 5 -	Total Line Amount \$ - \$ - \$ - \$ -
Add Extra Host Here (I) Month January February March April		Network Rate \$ - \$ \$ - \$ \$ - \$ \$ - \$	Amount 5 - 5 - 5 -	Lir	Rate \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	Amount 5 - 5 - 5 - 5 -	Transfo	rmation Conr Rate \$ - \$ - \$ - \$ - \$ -	Amount 5 - 5 - 5 - 5 - 5 -	Total Line           Amount           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -
Add Extra Host Here (I) Month January February March April May		Network Rate \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	Amount 5 - 5 - 5 - 5 -	Lir	ne Connection Rate \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	Amount	Transfo	rmation Conr Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	Total Line           Amount           \$           5           5           5           5           5           5           5           5           5           5           5           5
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Add Extra Host Here (I) Month January February March April May June July		Network           Rate           \$ -	Amount 5 - 5 - 5 - 5 - 5 - 5 - 5 -	Lir	e Connection Rate \$ - \$ \$ - \$	Amount 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	Transfo	S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -	Amount  Amount  Amount	Total Line           Amount           \$           -           \$           -           \$           -           \$           -           \$           -           \$           -           \$           -           \$           -           \$           -           \$           -           \$           -           \$           -           \$
Add Extra Host Here (I) Month January February March April May June July August		Network Rate \$ - \$ \$ - \$	Amount 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	Lir	Rate Rate \$ - \$ \$ - \$	Amount  Amount	Transfo	S         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -	Amount Amount	Total Line           Amount           \$           5           5           5           5           5           5           5           5           5           5           5           5           5           5           5           5           5           5           5
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Add Extra Host Here (I) Month January February March April May June July August September October November		Network           Rate           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$	Amount 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	Lir	Rate           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$	Amount Amount	Transfo	S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -	Amount Amount	Total Line           Amount           \$           -           \$
Add Extra Host Here (I) Month January February March April May June July August September October November December	Units Billed - - - - - - - - - - - - - - - - - - -	Network           Rate           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$	Amount 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	Lin Units Billed - - - - - - - - - - - - - - - - - - -	Rate           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$           \$ -         \$	Amount  Amount  Amount	Transfo Units Billed - - - - - - - - - - - - - - - - - - -	S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -	Amount Amount	Total Line           Amount           \$
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Add Extra Host Here (I) Month January February March April May June July August September October November December Total Add Extra Host Here (II) Month	Units Billed - - - - - - - - - - - - - - - - - - -	Network           Rate           \$ -         \$	Amount 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	Lin Units Billed - - - - - - - - - - - - - - - - - - -	Connection         Rate         \$ -	Amount Amount	Transfo Units Billed - - - - - - - - - - - - - - - - - - -	S         -           S         -	Amount Amount  Amount	Total Line           Amount           \$         -      \$         - <tr td="">         -</tr>
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Add Extra Host Here (I) Month January February March April May June July June July August September October November December Total Add Extra Host Here (II) Month January February March	Units Billed - - - - - - - - - - - - - - - - - - -	Network         Rate         \$ -       \$	Amount 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	Lit Units Billed - - - - - - - - - - - - - - - - - - -	Image: Connection         Rate         \$ -	Amount  Amount	Transfo Units Billed - - - - - - - - - - - - - - - - - - -	S         -           S         -	Amount  Amount  Amount  Amount	Total Line           Amount           \$         -
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Mario Energy Board

# **Incentive Regulation Model for 2016 Filers**

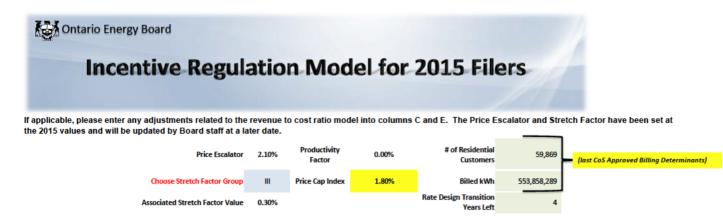
The purpose of this sheet is to calculate the expected billing when forecasted 2016 Uniform Transmission Rates are applied against historical 2014 transmission units.

December	-	\$	-	\$ -	-	\$	-	\$	-	-	\$	-	\$	-	\$ -
Total	-	\$	-	\$ -	-	\$	-	\$	-	-	\$	-	\$	-	\$ -
Total		Ne	twork		Li	ne C	Connect	ion		Transfo	orma	ntion Co	nne	ction	Total Line
Month	Units Billed	F	Rate	Amount	Units Billed		Rate		Amount	Units Billed		Rate		Amount	Amount
January	256,076	\$	3.78	\$ 967,969	304,666	\$	0.86	\$	262,013	304,666	\$	2 00	\$	609,332	\$ 871,345
February	274,504	\$	3.78	\$ 1,037,625	261,580	\$	0.86	\$	224,959	261,580	\$	2 00	\$	523,160	\$ 748,119
March	281,351	\$	3.78	\$ 1,063,507	258,543	\$	0.86	\$	222,347	258,543	\$	2 00	\$	517,086	\$ 739,433
April	253,317	\$	3.78	\$ 957,538	258,543	\$	0.86	\$	222,347	258,543	\$	2 00	\$	517,086	\$ 739,433
May	242,129	\$	3.78	\$ 915,246	300,838	\$	0.86	\$	258,721	300,838	\$	2 00	\$	601,676	\$ 860,397
June	246,559	\$	3.78	\$ 931,992	344,247	\$	0.86	\$	296,052	344,247	\$	2 00	\$	688,494	\$ 984,546
July	274,121	\$	3.78	\$ 1,036,178	324,259	\$	0.86	\$	278,863	324,259	\$	2 00	\$	648,518	\$ 927,381
August	279,366	\$	3.78	\$ 1,056,002	328,673	\$	0.86	\$	282,659	328,673	\$	2 00	\$	657,346	\$ 940,005
September	307,694	\$	3.78	\$ 1,163,083	333,573	\$	0.86	\$	286,873	333,573	\$	2 00	\$	667,146	\$ 954,019
October	275,308	\$	3.78	\$ 1,040,664	242,261	\$	0.86	\$	208,344	242,261	\$	2 00	\$	484,522	\$ 692,866
November	269,002	\$	3.78	\$ 1,016,827	258,816	\$	0.86	\$	222,582	258,816	\$	2 00	\$	517,632	\$ 740,214
December	246,877	\$	3.78	\$ 933,196	259,214	\$	0.86	\$	222,924	259,214	\$	2 00	\$	518,428	\$ 741,352
Total	3,206,304	\$	3.78	\$ 12,119,828	3,475,213	\$	0.86	\$	2,988,683	3,475,213	\$	2 00	\$	6,950,426	\$ 9,939,109

# Incentive Regulation Model for 2016 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification General Service Loss Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Retail Transmission Rade - Network Service Rade Retail Transmission Rade - Network Service Rade	ŞıkWh ŞıkWh ŞıkW ŞıkW ŞıkWh ŞıkWh	0.0074 3.0123 3.0558	547,934,365 178,209,389 3,027,210	20 4,873 0 2,397,592 0 27,634	4,273,888 1,318,749 0 7,326,562 22,401 61,712	32.9% 10.1% 0.0% 56.3% 0.2% 0.5%	3,983,507 1,229,150 0 6,828,773 20,879 57,519	0.0073 0.0069 0.0000 2.8482 0.0069 2.0815
The purpose of this table is to re-align the current RTS	Connection Rates to recover current wholesale connection costs.								
Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification General Service Loss Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line Connection Service Rate	Ş/kWh Ş/kWh Ş/kW Ş/kWh Ş/kWh Ş/kWh	0.0055 2.2960 2.4237	547,934,365 178,209,389 3,027,210	20 4,873 0 2,397,592 0 27,634	3,397,193 980,152 0 5,811,044 16,650 47,663	33.1% 9.6% 0.0% 56.7% 0.2% 0.5%	3,293,286 950,172 0 5,633,306 16,140 46,205	0.0060 0.0053 0.0000 2.3496 0.0053 1.6720
The purpose of this table is to update the re-aligned R	TS Network Rates to recover future wholesale network costs.								
Rate Class	Rate Description	Unit	Adjusted RTSR Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential Service Classification General Service Lass Than 50 kW Service Classification General Service 50 T 0, 499 WW Service Classification General Service 50 T 0, 499 kW Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	Ş/kWh Ş/kWh Ş/kW Ş/kWh Ş/kWh Ş/kWh	0.0069 0.0000 2.8482	547,934,365 178,209,389 3,027,210	20 4,873 0 2,397,592 0 27,634	3,983,507 1,229,150 0 6,828,773 20,879 57,519	32.9% 10.1% 0.0% 56.3% 0.2% 0.5%	3,983,507 1,229,150 0 6,828,773 20,879 57,519	0.0073 0.0069 0.0000 2.8482 0.0069 2.0815
The purpose of this table is to update the re-aligned R	TS Connection Rates to recover future wholesale connection costs.								
Rate Class	Rate Description	Unit	Adjusted RTSR Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification General Service Lass Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line Connection Service Rate	Ş/kWh Ş/kWh Ş/kW Ş/kWh Ş/kWh Ş/kWh	0.0053 0.0000 2.3496	547,934,365 178,209,389 3,027,210	20 4,873 0 2,397,592 0 27,634	3,293,286 950,172 0 5,633,306 16,140 46,205	33.1% 9.6% 0.0% 56.7% 0.2% 0.5%	3,293,286 950,172 0 5,633,306 16,140 46,205	0.0060 0.0053 0.0000 2.3496 0.0053 1.6720



Price Cap Index to Proposed MFC Adjustment Current Volumetric DVR Adjustment from be Applied to MFC Volumetric Current MFC from R/C Model Charge R/C Model and DVR Proposed MFC Charge

Rate Class

Burlington Hydro Inc. EB-2015-0056 Tab C-2, Page 23 of 36 Filed: November 2, 2015

Ontario Energy Board

# **Incentive Regulation Model for 2016 Filers**

Update the following rates if a Board Decision I issued at the time of completing this applica

Wholesale Market Service Rate	\$/kWh
Rural or Remote Electricity Rate	
Protection Charge (RRRP)	\$/kWh
Standard Supply Service - Administrative	
Charge (if applicable)	\$
Ontario Electricity Support Program	
(OESP)	S/kWh

#### Effective and Implementation Date Sunday, May 01, 2016

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0059

# **RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electrical energy to residential customers where such energy is used exclusively in separately metered living accommodation. Customers shall be residing in single dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex, or quadruplex house, with residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

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

Service Charge	\$	15.46
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0125
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0010
Applicable only for Non-RPP Customers	\$/kWh	0.0017
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$	0.02
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060
MONTHI V DATES AND CHARCES Degulatory Component		

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

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electricity to general service customers whose monthly average peak demand during a calendar year is less than, or forecast by BHI to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

## Burlington Hydro Inc. TARIFF OF RATES AND CHARGES Effective and Implementation Date Sunday, May 01, 2016 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

#### EB-2014-0059

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

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

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

Service Charge	\$	25.54
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0137
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0010
Applicable only for Non-RPP Customers	\$/kWh	0.0017
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kWh	0.0000
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0053
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Pate	¢/////h	0.0044

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## **GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**

This classification applies to general service customers with a monthly average peak demand during a calendar year equal to or greater than, or is forecast by BHI 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.

#### APPLICATION

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

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## Burlington Hydro Inc. TARIFF OF RATES AND CHARGES Effective and Implementation Date Sunday, May 01, 2016 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2014-0059

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

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

Service Charge	\$	59.86
Distribution Volumetric Rate	\$/kW	2.9470
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.4072
Applicable only for Non-RPP Customers	\$/kW	0.6422
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	0.0033
Retail Transmission Rate - Network Service Rate	\$/kW	0.0000
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.0000
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8482
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.3496
MONTHLY RATES AND CHARGES - Regulatory Component		

# Wholesale Market Service Rate\$/kWh0.0044Rural or Remote Electricity Rate Protection Charge (RRRP)\$/kWh0.0013Standard Supply Service - Administrative Charge (if applicable)\$0.25

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electricity to general service customers whose monthly average peak demand during a calendar year is less than, or forecast by BHI 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 customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

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

Service Charge Distribution Volumetric Rate \$ 9.17 \$/kWh 0.0159

\$

0.25

# Burlington Hydro Inc. TARIFF OF RATES AND CHARGES

#### Effective and Implementation Date Sunday, May 01, 2016

#### This schedule supersedes and replaces all previously

#### approved schedules of Rates, Charges and Loss Factors

	E	EB-2014-0059
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0009
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kWh	0.0000
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0053
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to roadway lighting customers such as the City of Burlington, the Regional Municipality of Halton, Ministry of Transportation and private roadway lighting, controlled by photo cells. The daily consumption for these customers will be based on the calculated connected load times the required night time or lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

Service Charge	\$	0.61
Distribution Volumetric Rate	\$/kW	4.4385
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.3862
Applicable only for Non-RPP Customers	\$/kW	0.6048
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	0.0088
Retail Transmission Rate - Network Service Rate	\$/kW	2.0815
Retail Transmission Rate - Line Connection Service Rate	\$/kW	1.6720
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013

Standard Supply Service - Administrative Charge (if applicable)

## **MICROFIT SERVICE CLASSIFICATION**

## Burlington Hydro Inc. TARIFF OF RATES AND CHARGES Effective and Implementation Date Sunday, May 01, 2016 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

#### EB-2014-0059

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

#### APPLICATION

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

Service Charge	\$	5.40
ALLOWANCES Transformer Allowance for Ownership - per kW of billing demand/month Primary Metering Allowance for transformer losses - applied to measured demand and energy	\$/kW %	(0.60) (1.00)

#### SPECIFIC SERVICE CHARGES

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

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

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#### **Customer Administration**

Arrears certificate	\$	15.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Statement of Account	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
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 at meter - during regular hours	\$	65.00

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# **Burlington Hydro Inc.** TARIFF OF RATES AND CHARGES

#### Effective and Implementation Date Sunday, May 01, 2016

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

	EB-2014-0059
Disconnect/Reconnect at meter - after regular hours	\$ 185.00
Other	
Temporary Service - Install & Remove - Overhead - No Transformer	\$ 500.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$ 22.35

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

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

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

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

# LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle. Total Loss Factor - Secondary Metered Customer < 5,000 kW 1.0373

Total Loss Factor - Primary Metered Customer < 5,000 kW

2016 Rate Generator: GS>50 RTSR

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 kWh per month and general service customers consuming 2.000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for non-rpp (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distribution Rate Applications issued July 16, 2015.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Note: For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2015 of \$0.0954/kWh (IESO's Monthly Market Report for May 2015, page 20) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact chart for the specific class.

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

Table 1								
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	OCEB Applicable? Prior to Jan 1/16	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	<b>RTSR</b> Demand or Demand-Interval?
RESIDENTIAL SERVICE CLASS FICATION		RPP	Yes	1 0373	1.0373	315		N/A
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASS FICATION		Non-RPP (Other)	No	1 0373	1.0373	1,500		N/A
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASS FICATION		Non-RPP (Other)	No	1 0373	1.0373	36,700	100	DEMAND
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		RPP	No	1 0373	1.0373	2,000		N/A
STREET LIGHT NG SERVICE CLASSIFICATION		RPP	No	1 0373	1.0373	175	0	DEMAND
RESIDENTIAL SERVICE CLASS FICATION		RPP	Yes	1 0373	1.0373	800		N/A
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASS FICATION		Non-RPP (Other)	No	1 0373	1.0373	2,750	-	N/A
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION		Non-RPP (Other)	No	1 0373	1.0373	36,700	100	DEMAND - INTERVAL
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

#### Table 2

				Sub-T	otal		Total	
RATE CLASSES / CATEGORIES	Units	Α			В	С	A+B+C	
(eg: Residential TOU, Residential Retailer)		\$	%	\$	%	\$ %	\$	%
1 RESIDENTIAL SERVICE CLASS FICATION - RPP								
2 GENERAL SERVICE LESS THAN 50 KW SERVICE CLASS FICATION - Non-RPP (Other)								
3 GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASS FICATION - Non-RPP (Other)								
4 UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP								
5 STREET LIGHT NG SERVICE CLASSIFICATION - RPP								
6 RESIDENTIAL SERVICE CLASS FICATION - RPP								
7 GENERAL SERVICE LESS THAN 50 KW SERVICE CLASS FICATION - Non-RPP (Other)								
B GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASS FICATION - Non-RPP (Other)								
9								
D								
1								
2								
3								
4								
5								
6								

Burlington Hydro Inc. EB-2015-0056 Tab C-2, Page 31 of 36 Filed: November 2, 2015

2016 Rate Generator: GS>50 RTSR

17					
18					
19					
20					
20					<u> </u>

Customer Class	RESIDENTIAL	SERVICE CLASSIFICATION
RPP / Non-RPP	RPP	
Consumption	315	kWh
Demand	-	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	
Ontario Clean Energy Benefit Applied?	Yes	

		Current B	oard-Approve	d		Proposed					Impact		
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)		6 Change	% Change
Monthly Service Charge	\$	12.03	1	\$	12 03		15.46	1	\$	15.46	\$	3.43	28.51%
Distribution Volumetric Rate	\$	0.0164	315	\$	5.17	\$	0.0125	315	\$	3 94	-\$	1 23	-23.78%
Fixed Rate Riders	\$	2.11	1	\$	2.11	\$	0.02	1	\$	0 02	-\$	2 09	-99.05%
Volumetric Rate Riders	\$	-	315	\$	-	\$	-	315	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	19 31				\$	19.42	\$	0.11	0.58%
Line Losses on Cost of Power	\$	0.1021	12	\$	1 20	\$	0.1021	12	\$	1 20	\$	-	0.00%
Total Deferral/Variance Account Rate	-\$	0.0037	315	¢	1.17	\$	0.0010	315	¢	0 32	¢	1.48	-127.03%
Riders	- <b>ə</b>	0.0037	315	-⊅	1.17	φ	0.0010	315	φ	0.32	φ	1.40	-127.03%
Low Voltage Service Charge			315	\$	-			315	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	0.7900	1	\$	0.79	\$	0.7900	1	\$	0.79	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-				\$	20.13				\$	21.72	¢	1.59	7.91%
Total A)				Ð	20.13				φ	21.72	Ą	1.59	7.91%
RTSR - Network	\$	0.0078	327	\$	2 55	\$	0.0073	327	\$	2 39	-\$	0.16	-6.41%
RTSR - Connection and/or Line and	s	0.0062	327	\$	2 03	\$	0.0060	327	¢	1 96	_¢	0 07	-3.23%
Transformation Connection	Ψ	0.0002	521	Ψ	2 00	Ψ	0.0000	521	Ψ	1 30	Ψ	007	-0.2070
Sub-Total C - Delivery (including Sub-				\$	24.71				\$	26.07	\$	1.36	5.52%
Total B)				Ŷ	24.01				٣	20.07	Ŷ	1.00	0.02 /0
Wholesale Market Service Charge (WMSC)	s	0.0044	327	\$	1.44	\$	0.0044	327	\$	1.44	\$	-	0.00%
	Ť	0.0011	021	Ť		Ť	0.000	02.	Ŷ		Ŷ		0.0070
Rural and Remote Rate Protection (RRRP)	\$	0.0013	327	\$	0.42	\$	0.0013	327	\$	0.42	\$	-	0.00%
			02.	·					· ·		·		
Standard Supply Service Charge	\$	0.2500	1	\$	0 25		0.25		\$	0 25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	315	\$	2 21	\$	-	315	\$	-	-\$	2 21	-100.00%
Ontario Electricity Support Program						\$	-	327	\$	-	\$	-	
(OESP)						· ·			· ·		·		
TOU - Off Peak	\$	0.0800	202	\$	16.13		0.0800	202		16.13		-	0.00%
TOU - Mid Peak	\$	0.1220	57	\$	6 92	\$	0.1220	57	\$	6 92	\$	-	0.00%
TOU - On Peak	\$	0.1610	57	\$	9.13	\$	0.1610	57	\$	9.13	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	61.20				\$	60.35		0.84	-1.38%
HST		13%		\$	7 96		13%		\$	7 85		0.11	-1.38%
Total Bill (including HST)	1			\$	69.15				\$	68 20	-\$	0 95	-1.38%
Ontario Clean Energy Benefit <sup>1</sup>				-\$	6 92								
Total Bill on TOU				\$	62.23				\$	68.20	\$	5.97	9.59%

Customer Class GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION RPP / Non-RPP Non-RPP (Other) Consumption 1,500 kWh Demand - kW Current Loss Factor 1.0373 Proposed/Approved Loss Factor 1.0373 Ontario Clean Energy Benefit Applied? No

	Current Board-Approved						Proposed			Imp	act	
	Rate	Volume		Charge		Rate	Volume		Charge			
	(\$)			(\$)		(\$)			(\$)	5	6 Change	% Change
Monthly Service Charge	\$ 25.09	1	\$	25 09	\$	25.54	1	\$	25 54	\$	0.45	1.79%
Distribution Volumetric Rate	\$ 0.0135	1500	\$	20 25	\$	0.0137	1500	\$	20 55	\$	0 30	1.48%
Fixed Rate Riders	\$ -	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$ -	1500	\$	-	\$	-	1500	\$	-	\$	-	
Sub-Total A (excluding pass through)			\$	45 34				\$	46 09	\$	0.75	1.65%
Line Losses on Cost of Power	\$ 0.0954	56	\$	5 34	\$	0.0954	56	\$	5 34	\$	-	0.00%

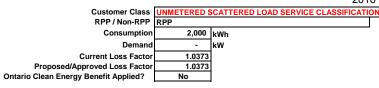
#### Burlington Hydro Inc. EB-2015-0056 Tab C-2, Page 32 of 36 Filed: November 2, 2015

Total Deferral/Variance Account Rate	1	201	6 Rate Generate	or: GS>50 R	īSR I		I	1 1
Riders	\$ 0.0020	1,500	\$ 3 00		1,500	\$ 6 60	\$ 360	120.00%
Low Voltage Service Charge		1,500	\$-		1,500	\$-	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$-	0.00%
Sub-Total B - Distribution (includes Sub- Total A)			\$ 54.47			\$ 58.82	\$ 4.35	7.99%
RTSR - Network	\$ 0.0074	1,556	\$ 11 51	\$ 0.0069	1,556	\$ 10.74	-\$ 0.78	-6.76%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0055	1,556	\$ 8 56	\$ 0.0053	1,556	\$ 8 25	-\$ 0.31	-3.64%
Sub-Total C - Delivery (including Sub- Total B)			\$ 74.54			\$ 77.80	\$ 3.26	4.37%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	1,556	\$ 685	\$ 0.0044	1,556	\$ 685	\$-	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	1,556	\$ 2 02	\$ 0.0013	1,556	\$ 2 02	\$-	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0 25	\$ 0.25	1	\$ 0 25	\$-	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	1,500	\$ 10 50	\$ 0.0070	1,500	\$ 10 50	\$-	0.00%
Ontario Electricity Support Program (OESP)				\$-	1,556	\$-	\$-	
Average IESO Wholesale Market Price	\$ 0.0954	1,500	\$ 143.10	\$ 0.0954	1,500	\$ 143.10	\$-	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 237.26			\$ 240.52	• • •	1.37%
HST	13%		\$ 30 84	13%		\$ 31 27	•	1.37%
Total Bill (including HST)			\$ 268.10			\$ 271.79	\$ 3 68	1.37%
Ontario Clean Energy Benefit <sup>1</sup>			\$-					
Total Bill on Average IESO Wholesale Market Price			\$ 268.10			\$ 271.79	\$ 3.68	1.37%

Customer Class RPP / Non-RPP Consumption Demand Current Loss Factor Proposed/Approved Loss Factor Ontario Clean Energy Benefit Applied? Current Loss Factor Ontario Clean Energy Benefit Applied? Current Loss Factor No-Current Loss Factor No

		Current B	rent Board-Approved					Proposed		Impact			
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	58.80	1	\$	58 80	\$			\$	59 86	\$	1 06	1.80%
Distribution Volumetric Rate	\$	2.8949	100	\$	289.49	\$	2.9470	100		294.70	\$	5 21	1.80%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$		100		-	\$	0.0033	100		0 33	\$	0 33	
Sub-Total A (excluding pass through)				\$	348 29				\$	354 89	\$	6.60	1.89%
Line Losses on Cost of Power	\$	-	-	\$	-	\$	-	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	-6	0.3611	100	-\$	36.11	s	1.0494	100	\$	104 94	\$	141 05	-390.61%
Riders	-ψ	0.5011		·	50.11	Ψ	1.0434		Ψ	104 34	·	141 05	-330.0178
Low Voltage Service Charge			100	\$	-			100	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$		1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	312.18				\$	459.83	\$	147.65	47.30%
Total A)				·					*	400.00			
RTSR - Network	\$	3.0123	100	\$	301 23	\$		100	\$	-	-\$	301 23	-100.00%
RTSR - Connection and/or Line and	\$	2.2960	100	\$	229 60	s	-	100	\$	-	-\$	229 60	-100.00%
Transformation Connection	Ŷ	212000	100	Ψ	220 00	۴		100	Ψ		Ŷ	220 00	100:00 /0
Sub-Total C - Delivery (including Sub-				\$	843.01				\$	459.83	-\$	383.18	-45.45%
Total B)				*	0.0001				*		*		.0.1070
Wholesale Market Service Charge (WMSC)	\$	0.0044	38.069	\$	167 50	s	0.0044	38,069	\$	167 50	\$	-	0.00%
	•		00,000	Ť	101 00	Ť	0.00011	00,000	Ŷ		Ŷ		0.0070
Rural and Remote Rate Protection (RRRP)	\$	0.0013	38,069	\$	49.49	s	0.0013	38,069	\$	49.49	\$	-	0.00%
	Ţ		,	· ·				,	Ţ		·		
Standard Supply Service Charge	\$	0.2500	1	\$	0 25		0.25	1	\$	0 25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	36,700	\$	256 90	\$	0.0070	36,700	\$	256 90	\$	-	0.00%
Ontario Electricity Support Program						s	-	38.069	\$		\$		
(OESP)													
Average IESO Wholesale Market Price	\$	0.0954	38,069	\$	3,631.77	\$	0.0954	38,069	\$	3,631.77	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Price				\$	4,948.93				\$	4,565.75		383.18	-7.74%
HST		13%		\$	643 36		13%		\$	593 55		49 81	-7.74%
Total Bill (including HST)				\$	5,592 29				\$	5,159 29	-\$	432 99	-7.74%
Ontario Clean Energy Benefit <sup>1</sup>				\$	-								
Total Bill on Average IESO Wholesale Market Price				\$	5,592.29				\$	5,159.29	-\$	432.99	-7.74%

2016 Rate Generator: GS>50 RTSR



	Current B	Current Board-Approved Proposed								Impact			
	Rate	Volume		Charge		Rate	Volume			Charge			
	(\$)			(\$)		(\$)			(\$)		\$ Change	% Change	
Monthly Service Charge	\$ 9.01	1	\$		\$	-	1	\$	9.17	\$	0.16	1.78%	
Distribution Volumetric Rate	\$ 0.0156	2000	\$	31 20	\$	0.0159	2000	\$	31 80	\$	0 60	1.92%	
Fixed Rate Riders	\$-	1	\$	-	\$	-	1	\$	-	\$	-		
Volumetric Rate Riders	\$-	2000		-	\$	-	2000		-	\$	-		
Sub-Total A (excluding pass through)			\$	40 21				\$	40 97	\$	0.76	1.89%	
Line Losses on Cost of Power	\$ 0.1021	75	\$	7 62	\$	0.1021	75	\$	7 62	\$	-	0.00%	
Total Deferral/Variance Account Rate	-\$ 0.0039	2.000	-\$	7 80	\$	0.0009	2.000	\$	1 80	¢	9 60	-123.08%	
Riders	-\$ 0.0033		Ψ	7 00	Ψ	0.0003	,	Ψ	1.00	Ψ	3 00	-123.0070	
Low Voltage Service Charge		2,000	\$	-			2,000	\$	-	\$	-		
Smart Meter Entity Charge (if applicable)	\$-	1	\$	-	\$	-	1	\$	-	\$	-		
Sub-Total B - Distribution (includes Sub-			\$	40.03				\$	50.39	¢	10.36	25.88%	
Total A)			Ŧ					•					
RTSR - Network	\$ 0.0074	2,075	\$	15 35	\$	0.0069	2,075	\$	14 31	-\$	1 04	-6.76%	
RTSR - Connection and/or Line and	\$ 0.0055	2,075	\$	11.41	\$	0.0053	2,075	\$	11 00	¢	0.41	-3.64%	
Transformation Connection	\$ 0.0055	2,075	φ	11.41	φ	0.0055	2,075	9	11.00	-φ	0.41	-3.04 /8	
Sub-Total C - Delivery (including Sub-			\$	66.79				\$	75.70	9	8.91	13.34%	
Total B)			Ψ	00.73				<b></b>	15.10	φ	0.31	13.3470	
Wholesale Market Service Charge (WMSC)	\$ 0.0044	2,075	\$	9.13	\$	0.0044	2,075	\$	9.13	¢		0.00%	
	\$ 0.0044	2,075	φ	9.15	φ	0.0044	2,075	φ	5.15	φ	-	0.00 /8	
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,075	\$	2.70	s	0.0013	2,075	\$	2.70	¢	_	0.00%	
	\$ 0.0013	2,075	φ	-	φ	0.0013	2,075	φ	2.70	φ	-	0.00 /8	
Standard Supply Service Charge	\$ 0.2500	1	\$	0 25	\$	0.25	1	\$	0 25	\$	-	0.00%	
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$	14 00	\$	0.0070	2,000	\$	14 00	\$	-	0.00%	
Ontario Electricity Support Program					s		2,075	\$		\$	_		
(OESP)					Þ	-	2,075	ф	-	Þ	-		
TOU - Off Peak	\$ 0.0800	1,280	\$	102.40	\$	0.0800	1,280	\$	102.40	\$	-	0.00%	
TOU - Mid Peak	\$ 0.1220	360	\$	43 92	\$	0.1220	360	\$	43 92	\$	-	0.00%	
TOU - On Peak	\$ 0.1610	360	\$	57 96	\$	0.1610	360	\$	57 96	\$	-	0.00%	
Total Bill on TOU (before Taxes)			\$	297.15				\$	306.05	\$	8.91	3.00%	
HST	13%		\$	38 63	1	13%		\$	39.79	\$	1.16	3.00%	
Total Bill (including HST)			\$	335.78	1			\$	345 84	\$	10 07	3.00%	
Ontario Clean Energy Benefit <sup>1</sup>			\$	-						Ľ			
Total Bill on TOU			\$	335.78				\$	345.84	\$	10.07	3.00%	
	•												

Customer Class RPP / Non-RPP Consumption Demand Current Loss Factor Proposed/Approved Loss Factor Ontario Clean Energy Benefit Applied? No

**Current Board-Approved** Proposed Impact Rate Volume Charge Rate Volume Charge (\$) (\$) (\$) (\$) \$ Change % Change Monthly Service Charge \$ \$ \$ 0.60 0 60 0.61 1.67% \$ \$ 1 \$ 061 \$ 0 01 Distribution Volumetric Rate 4.3600 0.22 0 96 4.4385 0.22 \$ 0 98 0 02 1.80% \$ \$ \$ Fixed Rate Riders \$ \$ \$ -\$ ----0.22 0.0088 0 00 0 00 Volumetric Rate Riders \$ \_ \$ \$ 0.22 \$ \$ Sub-Total A (excluding pass through) 1 56 1 59 \$ 0.03 1.87% \$ \$ Line Losses on Cost of Power 0.1021 0 67 0.1021 0 67 0.00% \$ 7 7 \$ \$ \$ \$ -Total Deferral/Variance Account Rate -128.34% -\$ 1.3627 0 -\$ 0 30 0.3862 0 \$ 80 0 \$ 0 38 \$ Riders \$ Low Voltage Service Charge 0 \$ 0 \$ ---Smart Meter Entity Charge (if applicable) 1 \$ -\$ -\$ \$ -Sub-Total B - Distribution (includes Sub-\$ 1.93 \$ 2.34 \$ 0.41 21.49% Total A) RTSR - Network \$ 2.2332 0 \$ 0.49 \$ 2.0815 0 \$ 0.46 -\$ 0 03 -6.79%

#### Burlington Hydro Inc. EB-2015-0056 Tab C-2, Page 34 of 36 Filed: November 2, 2015

		201	6 Rate Generato	ar: CS>50 PT				
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7248	201	\$ 0 38		0	\$ 037	-\$ 0.01	-3.06%
Sub-Total C - Delivery (including Sub- Total B)			\$ 2.80			\$ 3.17	\$ 0.37	13.19%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	182	\$ 0.80	\$ 0.0044	182	\$ 0.80	\$-	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	182	\$ 024	\$ 0.0013	182	\$ 024	\$-	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0 25	\$ 0.25	1	\$ 025	\$-	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	175	\$ 1 23	\$ 0.0070	175	\$ 1 23	\$-	0.00%
Ontario Electricity Support Program (OESP)				\$-	182	\$-	\$-	
TOU - Off Peak	\$ 0.0800	112	\$ 8 96	\$ 0.0800	112	\$ 896	\$-	0.00%
TOU - Mid Peak	\$ 0.1220	32	\$ 384	\$ 0.1220	32	\$ 384	\$-	0.00%
TOU - On Peak	\$ 0.1610	32	\$ 507	\$ 0.1610	32	\$ 507	\$-	0.00%
Total Bill on TOU (before Taxes)			\$ 23.18			\$ 23.55	\$ 0.37	1.59%
HST	13%		\$ 3 01	13%		\$ 3 06	\$ 0.05	1.59%
Total Bill (including HST)			\$ 26.19			\$ 26 61	\$ 0.42	1.59%
Ontario Clean Energy Benefit <sup>1</sup>			\$-					
Total Bill on TOU			\$ 26.19			\$ 26.61	\$ 0.42	1.59%

Customer Class RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP RPP Consumption 800 kWh Demand - kW Current Loss Factor 1.0373 Proposed/Approved Loss Factor 1.0373 Ontario Clean Energy Benefit Applied? Yes

		Current B	oard-Approve	d		Proposed						Imp	act
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)	:	\$ Change	% Change
Monthly Service Charge	\$	12.03	1	\$	12 03	\$	15.46	1	\$	15.46	\$	3.43	28.51%
Distribution Volumetric Rate	\$	0.0164	800	\$	13.12	\$	0.0125	800	\$	10 00	-\$	3.12	-23.78%
Fixed Rate Riders	\$	2.11	1	\$	2.11	\$	0.02	1	\$	0 02	-\$	2 09	-99.05%
Volumetric Rate Riders	\$	-	800	\$	-	\$		800	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	27 26				\$	25.48	-\$	1.78	-6.53%
Line Losses on Cost of Power	\$	0.1021	30	\$	3 05	\$	0.1021	30	\$	3 05	\$	-	0.00%
Total Deferral/Variance Account Rate	-¢	0.0037	800	-\$	2 96	\$	0.0010	800	¢	0 80	\$	3.76	-127.03%
Riders	-Ψ	0.0057	000	-ψ	2 30	Ψ	0.0010	000	Ψ	0.00	Ψ	5.70	-127.0370
Low Voltage Service Charge			800	\$	-			800	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	0.7900	1	\$	0.79	\$	0.7900	1	\$	0.79	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-				\$	28.14				\$	30.12	\$	1.98	7.04%
Total A)				•					·		•		
RTSR - Network	\$	0.0078	830	\$	6.47	\$	0.0073	830	\$	6 06	-\$	0.41	-6.41%
RTSR - Connection and/or Line and	\$	0.0062	830	\$	5.15	\$	0.0060	830	\$	4 98	-\$	0.17	-3.23%
Transformation Connection	÷	0.0002	000	Ŷ	0.10	•	0.0000	000	Ŷ	100	Ŷ	0.11	0.2070
Sub-Total C - Delivery (including Sub-				\$	39.76				\$	41.15	\$	1.40	3.52%
Total B)				•					•		•		
Wholesale Market Service Charge (WMSC)	\$	0.0044	830	\$	3 65	\$	0.0044	830	\$	3 65	\$	-	0.00%
				·					·		·		
Rural and Remote Rate Protection (RRRP)	\$	0.0013	830	\$	1 08	\$	0.0013	830	\$	1 08	\$	-	0.00%
		0.0500					0.05						0.000/
Standard Supply Service Charge	\$ \$	0.2500	1	\$	0 25	\$	0.25		\$	0 25	\$	-	0.00%
Debt Retirement Charge (DRC) Ontario Electricity Support Program	\$	0.0070	800	\$	5 60	\$	-	800	\$	-	-\$	5 60	-100.00%
(OESP)						\$		830	\$	-	\$	-	
. ,	*	0.0000	540	¢	40.00		0.0000	540	¢	40.00	¢		0.000/
TOU - Off Peak TOU - Mid Peak	\$ \$	0.0800 0.1220	512 144	Դ Տ	40 96 17 57	\$ \$	0.0800	512 144	\$ \$	40 96 17 57	\$ \$	-	0.00% 0.00%
TOU - Mid Peak TOU - On Peak	э ¢										э \$	-	
100 - Oli Peak	\$	0.1610	144	\$	23.18	\$	0.1610	144	¢	23.18	¢	-	0.00%
Total Dillion Total (hafana Tanza)	1			¢	400.05	1			¢	407.05		4.20	2.40%
Total Bill on TOU (before Taxes) HST		13%		\$	<b>132.05</b> 17.17		13%		\$		-\$	<b>4.20</b> 0 55	<b>-3.18%</b> -3.18%
HSI Total Bill (including HST)		13%		¢	17.17 149 21	l	13%		\$ \$	16 62 144.47	-\$ -\$	0 55 4.75	-3.18% -3.18%
				ф Ф	149 21 14 92				Э	144.47	-⊅	4.75	-3.18%
Ontario Clean Energy Benefit <sup>1</sup> Total Bill on TOU				-> \$	14 92				¢	144 47		10.17	7 500/
				ð	134.29	_			\$	144.47	\$	10.17	7.58%

Customer Class GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION
RPP / Non-RPP (Other)

Consumption	2,750	kWh
Demand	-	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	
Ontario Clean Energy Benefit Applied?	No	

	Current B	oard-Approve	ed		1	Proposed			Impact			
	Rate	Volume		Charge		Rate	Volume		Charge			
	(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$ 25.09	1	\$	25 09			1	\$	25 54	\$	0.45	1.79%
Distribution Volumetric Rate	\$ 0.0135	2750	\$	37.13	\$	0.0137	2750	\$	37 68	\$	0 55	1.48%
Fixed Rate Riders	\$-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$-	2750		-	\$	-	2750		-	\$	-	
Sub-Total A (excluding pass through)			\$	62 22				\$	63 22	\$	1.00	1.61%
Line Losses on Cost of Power	\$ 0.0954	103	\$	9.79	\$	0.0954	103	\$	9.79	\$	-	0.00%
Total Deferral/Variance Account Rate	\$ 0.0020	2.750	\$	5 50	\$	0.0044	2.750	\$	12.10	\$	6 60	120.00%
Riders	• 0.0020	,	Ŷ	0.00	•	0.0044	,	Ψ	12.10	÷	0.00	120.0070
Low Voltage Service Charge		2,750	\$	-			2,750	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$	0.79	\$	0.7900	1	\$	0.79	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-			\$	78.29				\$	85.89	\$	7.60	9.71%
Total A)			·					·		•		
RTSR - Network	\$ 0.0074	2,853	\$	21.11	\$	0.0069	2,853	\$	19 68	-\$	1.43	-6.76%
RTSR - Connection and/or Line and	\$ 0.0055	2,853	\$	15 69	\$	0.0053	2,853	\$	15.12	-\$	0 57	-3.64%
Transformation Connection	• • • • • • • • • • • • • • • • • • • •	2,000	Ŷ	10 00	· ·	0.0000	2,000	Ψ	10112	Ŷ	0.01	0.0170
Sub-Total C - Delivery (including Sub-			\$	115.09				\$	120.69	\$	5.60	4.87%
Total B)			•		_			•		•	0.00	
Wholesale Market Service Charge (WMSC)	\$ 0.0044	2.853	\$	12 55	\$	0.0044	2.853	\$	12 55	\$	-	0.00%
	•	,	·				,	·		·		
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2.853	\$	3.71	s	0.0013	2,853	\$	3.71	\$	-	0.00%
			÷							÷		
Standard Supply Service Charge	\$ 0.2500	1	\$	0 25			1	\$	0 25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	2,750	\$	19 25	\$	0.0070	2,750	\$	19 25	\$	-	0.00%
Ontario Electricity Support Program					s		2,853	\$	-	\$	-	
(OESP)												
Average IESO Wholesale Market Price	\$ 0.0954	2 750	\$	262 35	\$	0.0954	2 750	\$	262 35	\$	-	0.00%
					-							
Total Bill on Average IESO Wholesale Market Price			\$	413.20	1			\$			5.60	1.36%
HST	13%		\$	53.72		13%		\$	54.44		0.73	1.36%
Total Bill (including HST)			\$	466 91	1			\$	473 25	\$	6 33	1.36%
Ontario Clean Energy Benefit <sup>1</sup>			\$	-								
Total Bill on Average IESO Wholesale Market Price			\$	466.91				\$	473.25	\$	6.33	1.36%

Customer Class GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION RPP / Non-RPP Non-RPP (Other)

RTSR - NTERVAL METERED

 RPP / Non-RPP
 Non-RPP (Other)

 Consumption
 36,700
 kWh

 Demand
 100
 kW

 Current Loss Factor
 1.0373

 Proposed/Approved Loss Factor
 1.0373

 Ontario Clean Energy Benefit Applied?
 No

	Current Board-Approved			Proposed					Impact				
	F	late	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	58.80	1	\$	58 80	\$	59.86	1	\$	59 86	\$	1 06	1.80%
Distribution Volumetric Rate	\$	2.8949	100	\$	289.49	\$	2.9470	100	\$	294.70	\$	5 21	1.80%
Fixed Rate Riders	\$	-	1	\$	-	\$		1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	100	\$	-	\$	0.0033	100	\$	0 33	\$	0 33	
Sub-Total A (excluding pass through)				\$	348 29				\$	354 89	\$	6.60	1.89%
Line Losses on Cost of Power	\$	-	-	\$	-	\$	-	-	\$	-	\$	-	
Total Deferral/Variance Account Rate Riders	-\$	0.3611	100	-\$	36.11	\$	1.0494	100	\$	104 94	\$	141 05	-390.61%
Low Voltage Service Charge			100	\$	-			100	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub- Total A)				\$	312.18				\$	459.83	\$	147.65	47.30%
RTSR - Network	\$	3.0558	100	\$	305 58	\$	2.8482	100	\$	284 82	-\$	20.76	-6.79%
RTSR - Connection and/or Line and Transformation Connection	\$	2.4237	100	\$	242 37	\$	2.3496	100	\$	234 96	-\$	7.41	-3.06%
Sub-Total C - Delivery (including Sub- Total B)				\$	860.13				\$	979.61	\$	119.48	13.89%

2016 Rate Generator: GS>50 RTSR

Burlington Hydro Inc. EB-2015-0056 Tab C-2, Page 36 of 36 Filed: November 2, 2015

Wholesale Market Service Charge (WMSC)	\$ 0.0044	38,069	\$ 167 50	\$ 0.0044	38,069	\$ 167 50	\$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	38,069	\$ 49.49	\$ 0.0013	38,069	\$ 49.49	\$ -	0.00%	
Standard Supply Service Charge	\$ 0.2500	1	\$ 0 25	\$ 0.25	1	\$ 0 25	\$ -	0.00%	,
Debt Retirement Charge (DRC)	\$ 0.0070	36,700	\$ 256 90	\$ 0.0070	36,700	\$ 256 90	\$ -	0.00%	
Ontario Electricity Support Program (OESP)				\$ -	38,069	\$ -	\$ -		
Average IESO Wholesale Market Price	\$ 0.0954	38,069	\$ 3,631.77	\$ 0.0954	38,069	\$ 3,631.77	\$ -	0.00%	,
Total Bill on Average IESO Wholesale Market Price			\$ 4,966.05			\$ 5,085.53	\$ 119.48	2.41%	
HST	13%		\$ 645 59	13%		\$ 661.12	\$ 15 53	2.41%	
Total Bill (including HST)			\$ 5,611 63			\$ 5,746 65	\$ 135 01	2.41%	,
Ontario Clean Energy Benefit <sup>1</sup>			\$ -						
Total Bill on Average IESO Wholesale Market Price			\$ 5,611.63			\$ 5,746.65	\$ 135.01	2.41%	,
									•

Tab D

Effective and Implementation Date Sunday, May 01, 2016

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0059

# **RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electrical energy to residential customers where such energy is used exclusively in separately metered living accommodation. Customers shall be residing in single dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex, or quadruplex house, with residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

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

Service Charge	\$	15.46
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0125
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0010
Applicable only for Non-RPP Customers	\$/kWh	0.0017
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$	0.02
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

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

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

#### Effective and Implementation Date Sunday, May 01, 2016

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0059

# GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electricity to general service customers whose monthly average peak demand during a calendar year is less than, or forecast by BHI to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

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

Service Charge	\$	25.54
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0137
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0010
Applicable only for Non-RPP Customers	\$/kWh	0.0017
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kWh	0.0000
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054
MONTHLY PATES AND CHAPGES - Pequilatory Component		

## MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

#### Effective and Implementation Date Sunday, May 01, 2016

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0059

# **GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**

This classification applies to general service customers with a monthly average peak demand during a calendar year equal to or greater than, or is forecast by BHI 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.

#### APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

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

Service Charge	\$	59.86
Distribution Volumetric Rate	\$/kW	2.9470
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.4072
Applicable only for Non-RPP Customers	\$/kW	0.6422
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	0.0033
Retail Transmission Rate - Network Service Rate	\$/kW	2.8138
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2441
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8544
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.3689
MONITHI V PATES AND CHARGES Provide our Component		

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

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date Sunday, May 01, 2016

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0059

# UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electricity to general service customers whose monthly average peak demand during a calendar year is less than, or forecast by BHI 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 customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

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

Service Charge	\$	9.17
Distribution Volumetric Rate	\$/kWh	0.0159
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0009
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kWh	0.0000
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date Sunday, May 01, 2016

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0059

# STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to roadway lighting customers such as the City of Burlington, the Regional Municipality of Halton, Ministry of Transportation and private roadway lighting, controlled by photo cells. The daily consumption for these customers will be based on the calculated connected load times the required night time or lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

Service Charge	\$	0.61
Distribution Volumetric Rate	\$/kW	4.4385
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.3862
Applicable only for Non-RPP Customers	\$/kW	0.6048
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	0.0088
Retail Transmission Rate - Network Service Rate	\$/kW	2.0861
Retail Transmission Rate - Line Connection Service Rate	\$/kW	1.6858
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date Sunday, May 01, 2016

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EB-2014-0059

# MICROFIT SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

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

Service Charge	\$	5.40
<b>ALLOWANCES</b> Transformer Allowance for Ownership - per kW of billing demand/month Primary Metering Allowance for transformer losses - applied to measured demand and energy	\$/kW %	(0.60) (1.00)

#### Effective and Implementation Date Sunday, May 01, 2016

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0059

## SPECIFIC SERVICE CHARGES

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

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

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

#### **Customer Administration**

Arrears certificate	\$	15.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Statement of Account	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
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 at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Other		
Temporary Service - Install & Remove - Overhead - No Transformer	\$	500.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35

Effective and Implementation Date Sunday, May 01, 2016

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EB-2014-0059

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

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

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

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

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

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

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

# LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0373
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0270

Tab E

# Ontario Energy Board Incentive Regulation Model for 2016 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for non-rpp (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 3 of the Filling Requirements For Electricity Distribution Rate Applications issued July 16, 2015.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Note: For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2015 of \$0.0954/kWh (IESO's Monthly Market Report for May 2015, page 20) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact chart for the specific class.

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

Table 1								
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	OCEB Applicable? Prior to Jan 1/16	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?
RES DENTIAL SERVICE CLASSIFICATION		RPP	Yes	1 0373	1.0373	315		N/A
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASS FICATION		Non-RPP (Other)	No	1 0373	1.0373	1,500		N/A
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASS FICATION		Non-RPP (Other)	No	1 0373	1.0373	36,700	100	DEMAND
UNMETERED SCATTERED LOAD SERVICE CLASS FICATION		RPP	No	1 0373	1.0373	2,000		N/A
STREET LIGHTING SERVICE CLASS FICATION		RPP	No	1 0373	1.0373	175	0	DEMAND
RES DENTIAL SERVICE CLASSIFICATION		RPP	Yes	1 0373	1.0373	800		N/A
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASS FICATION		Non-RPP (Other)	No	1 0373	1.0373	2,750	-	N/A
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION		Non-RPP (Other)	No	1 0373	1.0373	36,700	100	<b>DEMAND - INTERVAL</b>
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

#### Table 2

			Total				
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	A		В	C	A + B + C	
(eg. Residential 100, Residential Retailer)		\$	%	\$ %	\$ %	\$	%
RES DENTIAL SERVICE CLASSIFICATION - RPP							
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASS FICATION - Non-RPP (Other)							
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASS FICATION - Non-RPP (Other)							
UNMETERED SCATTERED LOAD SERVICE CLASS FICATION - RPP							
STREET LIGHTING SERVICE CLASS FICATION - RPP							
RES DENTIAL SERVICE CLASSIFICATION - RPP							
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASS FICATION - Non-RPP (Other)							
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASS FICATION - Non-RPP (Other)							
		9					

Customer Class	RESIDENTIAL S	SERVIO	CE CLASSIFICATION											
RPP / Non-RPP	RPP													
Consumption	315	kWh			-									
Demand	-	kW												
Current Loss Factor	1.0373													
Proposed/Approved Loss Factor	1.0373													
Ontario Clean Energy Benefit Applied?	Yes													
				oard-Approve	d			_	Proposed				Imp	act
			Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)		\$ Change	% Change
Monthly Service Charge		\$	12.03	1	\$	12 03	\$		1	\$	15.46	\$	3.43	28 51%
Distribution Volumetric Rate		\$	0.0164	315	\$	5.17	\$	0.0125	315	\$	3.94	-\$	1.23	-23.78%
Fixed Rate Riders		\$	2.11	1	\$	2.11	\$	0.02	1	\$	0.02	-\$	2.09	-99 05%
Volumetric Rate Riders		\$	-	315		-	\$	-	315	\$	-	\$	-	
Sub-Total A (excluding pass through)					\$	19 31				\$	19.42	\$	0.11	0.58%
Line Losses on Cost of Power		\$	0.1021	12	\$	1 20	\$	0.1021	12	\$	1.20	\$	-	0 00%
Total Deferral/Variance Account Rate		-\$	0.0037	315	-\$	1.17	s	0.0010	315	\$	0.32	\$	1.48	-127 03%
Riders		Ŷ	0.0001		· ·		٣	0.0010			0.02	·	1.40	121 0070
Low Voltage Service Charge				315		-			315	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)		\$	0.7900	1	\$	0.79	\$	0.7900	1	\$	0.79	\$	-	0 00%
Sub-Total B - Distribution (includes Sub-					\$	20.13				\$	21.72	\$	1.59	7.91%
Total A)			0.0070	0.07		0.55		0.0070	007		0.00	•	0.40	0.4494
RTSR - Network		\$	0.0078	327	\$	2 55	\$	0.0073	327	\$	2.39	-\$	0.16	-6.41%
RTSR - Connection and/or Line and		\$	0.0062	327	\$	2 03	\$	0.0061	327	\$	1.99	-\$	0.03	-1 61%
Transformation Connection							-							
Sub-Total C - Delivery (including Sub- Total B)					\$	24.71				\$	26.10	\$	1.40	5.65%
Wholesale Market Service Charge (WMSC)							1							
(Theosaic maner corrice charge (Theos)		\$	0.0044	327	\$	1.44	\$	0.0044	327	\$	1.44	\$	-	0 00%
Rural and Remote Rate Protection (RRRP)														
		\$	0.0013	327	\$	0.42	\$	0.0013	327	\$	0.42	\$	-	0 00%
Standard Supply Service Charge		\$	0.2500	1	\$	0 25	\$	0.25	1	\$	0.25	\$	-	0 00%
Debt Retirement Charge (DRC)		\$	0.0070	315	\$	2 21	\$	-	315	\$	-	-\$	2.21	-100 00%
Ontario Electricity Support Program							\$	_	327	\$		\$		
(OESP)							1.1					·	-	
TOU - Off Peak		\$	0.0800	202		16.13			202	\$	16.13	\$	-	0 00%
TOU - Mid Peak		\$	0.1220	57	\$	6 92			57	\$	6.92	\$	-	0 00%
TOU - On Peak		\$	0.1610	57	\$	9.13	\$	0.1610	57	\$	9.13	\$	-	0 00%
												_		
Total Bill on TOU (before Taxes)					\$	61.20	1			\$	60.39	-\$	0.81	-1.32%
HST			13%		\$	7 96	1	13%		\$	7.85	-\$	0.11	-1 32%
Total Bill (including HST)					\$	69.15				\$	68.24	-\$	0.91	-1 32%
Ontario Clean Energy Benefit <sup>1</sup>					-\$	6 92				•				
Total Bill on TOU		_			\$	62.23				\$	68.24	\$	6.01	9.65%

	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION								
RPP / Non-RPP	Non-RPP (Othe	r)							
Consumption	1,500	kWh							
Demand	-	kW							
Current Loss Factor	1.0373								
Proposed/Approved Loss Factor	1.0373								
Ontario Clean Energy Benefit Applied?	No								

		Current B	oard-Approve	d				Proposed				Imp	act
	Rate		Volume		Charge		Rate	Volume		Charge			
	(\$)				(\$)		(\$)			(\$)	\$	6 Change	% Change
Monthly Service Charge	\$	25.09	1	\$	25 09	\$	25.54	1	\$	25.54	\$	0.45	1.79%
Distribution Volumetric Rate	\$	0.0135	1500	\$	20 25	\$	0.0137	1500	\$	20.55	\$	0.30	1.48%
Fixed Rate Riders	\$	-	1	\$	-	\$		1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	1500	\$	-	\$		1500	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	45 34				\$	46.09	\$	0.75	1.65%
Line Losses on Cost of Power	\$	0.0954	56	\$	5 34	\$	0.0954	56	\$	5.34	\$	-	0 00%
Total Deferral/Variance Account Rate	s	0.0020	1.500	\$	3 00	\$	0.0044	1,500	\$	6.60	¢	3.60	120 00%
Riders	¢	0.0020	1,500	Þ	3 00	Φ	0.0044	1,500	φ	0.00	φ	3.60	120 00%
Low Voltage Service Charge			1,500	\$	-			1,500	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	0.7900	1	\$	0.79	\$	0.7900	1	\$	0.79	\$	-	0 00%
Sub-Total B - Distribution (includes Sub-				\$	54.47				\$	58.82	¢	4.35	7.99%
Total A)				9					9				
RTSR - Network	\$	0.0074	1,556	\$	11 51	\$	0.0069	1,556	\$	10.74	-\$	0.78	-6.76%
RTSR - Connection and/or Line and	\$	0.0055	1,556	\$	8 56	\$	0.0054	1,556	\$	8.40	-\$	0.16	-1 82%
Transformation Connection	ψ	0.0033	1,550	φ	0.50	Ψ	0.0034	1,550	Ψ	0.40	-ψ	0.10	-1 02 /8
Sub-Total C - Delivery (including Sub-				\$	74.54				\$	77.96	\$	3.42	4.58%
Total B)				*					•		•	02	
Wholesale Market Service Charge (WMSC)	\$	0.0044	1,556	\$	6 85	\$	0.0044	1,556	\$	6.85	\$	-	0 00%
	•		.,	Ť				.,	*		-		
Rural and Remote Rate Protection (RRRP)	\$	0.0013	1,556	\$	2 02	\$	0.0013	1,556	\$	2.02	\$	-	0 00%
	•		1,000	· ·				1,000	•				
Standard Supply Service Charge	\$	0.2500	1	\$	0 25	\$	0.25	1	\$	0.25		-	0 00%
Debt Retirement Charge (DRC)	\$	0.0070	1,500	\$	10 50	\$	0.0070	1,500	\$	10.50	\$	-	0 00%
Ontario Electricity Support Program						\$	-	1,556	\$	-	\$	-	
(OESP)						Ť.,					•		
Average ESO Wholesale Market Price	\$	0.0954	1,500	\$	143.10	\$	0.0954	1,500	\$	143.10	\$	-	0 00%
	i										-		
Total Bill on Average IESO Wholesale Market Price				\$	237.26	1			\$	240.67	\$	3.42	1.44%
HST		13%		\$	30 84	1	13%		\$	31.29	\$	0.44	1.44%
Total Bill (including HST)				\$	268.10				\$	271.96	\$	3.86	1.44%
Ontario Clean Energy Benefit <sup>1</sup>				\$	-								
Total Bill on Average IESO Wholesale Market Price				\$	268.10				\$	271.96	\$	3.86	1.44%

Customer Class	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION										
RPP / Non-RPP	Non-RPP (Othe	er)									
Consumption	36,700	kWh									
Demand	100	kW									
Current Loss Factor	1.0373										
Proposed/Approved Loss Factor	1.0373										
Ontario Clean Energy Benefit Applied?	No										

	Curre	t Board-Approv	ed		Proposed						Imp	act
	Rate	Volume		Charge		Rate	Volume		Charge			
	(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$ 58.			58 80	\$			\$	59.86	\$	1.06	1 80%
Distribution Volumetric Rate	\$ 2.89	100	\$	289.49	\$	2.9470	100	\$	294.70	\$	5.21	1 80%
Fixed Rate Riders	\$ -	1	1\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	100	)\$	-	\$	0.0033	100	\$	0.33	\$	0.33	
Sub-Total A (excluding pass through)			\$	348 29				\$	354.89	\$	6.60	1.89%
Line Losses on Cost of Power	\$ -	-	\$	-	\$	-	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	-\$ 0.36	1 100	-\$	36.11	\$	1.0494	100	\$	104.94	\$	141.05	-390 61%
Riders	-\$ 0.50		Ψ	50.11	Ψ	1.0434		Ψ	104.34	Ψ	141.05	-330 01 /8
Low Voltage Service Charge		100	\$	-			100	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	1	1\$	-	\$		1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-			\$	312.18				ŝ	459.83	\$	147.65	47.30%
Total A)			·					+				
RTSR - Network	\$ 3.01	23 100	\$	301 23	\$	2.8138	100	\$	281.38	-\$	19.85	-6 59%
RTSR - Connection and/or Line and	\$ 2.29	<b>0</b> 100	\$	229 60	\$	2,2441	100	\$	224.41	-\$	5.19	-2 26%
Transformation Connection			Ť		Ť			•		*		
Sub-Total C - Delivery (including Sub-			\$	843.01				\$	965.62	\$	122.61	14.54%
Total B)			Ľ					·		·	-	
Wholesale Market Service Charge (WMSC)	\$ 0.00	4 38,069	\$	167 50	\$	0.0044	38,069	\$	167.50	\$	-	0 00%
			1									
Rural and Remote Rate Protection (RRRP)	\$ 0.00	3 38,069	\$	49.49	\$	0.0013	38,069	\$	49.49	\$	-	0 00%
					Ľ					· ·		
Standard Supply Service Charge	\$ 0.25		1 \$	0 25	\$	0.25	1	\$	0.25		-	0 00%
Debt Retirement Charge (DRC)	\$ 0.00	<b>'0</b> 36,700	\$	256 90	\$	0.0070	36,700	\$	256.90	\$	-	0 00%
Ontario Electricity Support Program (OESP)					\$	-	38,069	\$	-	\$	-	
Average ESO Wholesale Market Price	\$ 0.09	38,069	¢	2 624 77	•	0.0954	28.060	¢	3,631.77	¢		0.00%
Average ESO wholesale Market Price	\$ 0.09	38,069	¢	3,631.77	\$	0.0954	38,069	\$	3,631.77	\$		0 00%
			Â	4 0 40 00	1			Â	5 074 54		100.01	0.40%
Total Bill on Average IESO Wholesale Market Price		04	\$	4,948.93	1	4000		\$	5,071.54		122.61	2.48%
HST	1	3%	¢	643 36	1	13%		\$ \$	659.30		15.94	2.48%
Total Bill (including HST)		1	\$	5,592 29				\$	5,730.84	\$	138.55	2.48%
Ontario Clean Energy Benefit <sup>1</sup>			\$	5 500 00				\$	5 700 04		400.55	0.40%
Total Bill on Average IESO Wholesale Market Price		_	\$	5,592.29	_			\$	5,730.84	\$	138.55	2.48%

Customer Class	UNMETERED S	CATT	ERED LOAD SERVICE C	LASSIFICATIO	N									
RPP / Non-RPP	RPP													
Consumption	2,000	kWh												
Demand	-	kW												
Current Loss Factor	1.0373													
Proposed/Approved Loss Factor	1.0373													
Ontario Clean Energy Benefit Applied?	No													
5, 11														
				oard-Approve	d				Proposed				Imp	act
			Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)		\$ Change	% Change
Monthly Service Charge		\$	9.01	1	\$	9 01	\$		1	\$		\$	0.16	1.78%
Distribution Volumetric Rate		\$	0.0156	2000	\$	31 20	\$	0.0159	2000	\$	31.80	\$	0.60	1 92%
Fixed Rate Riders		\$	-	1	\$	-	\$		1	\$	-	\$	-	
Volumetric Rate Riders		\$	-	2000	\$	-	\$		2000	\$	-	\$	-	
Sub-Total A (excluding pass through)					\$	40 21				\$	40.97	\$	0.76	1.89%
Line Losses on Cost of Power		\$	0.1021	75	\$	7 62	\$	0.1021	75	\$	7.62	\$	-	0 00%
Total Deferral/Variance Account Rate		-\$	0.0039	2,000	-\$	7 80	\$	0.0009	2,000	¢	1.80	\$	9.60	-123 08%
Riders		-φ	0.0033		•	7 00	Ψ	0.0003			1.00	•	3.00	-123 0070
Low Voltage Service Charge				2,000	\$	-			2,000		-	\$	-	
Smart Meter Entity Charge (if applicable)		\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-					\$	40.03				\$	50.39	\$	10.36	25.88%
Total A)										•		•		
RTSR - Network		\$	0.0074	2,075	\$	15 35	\$	0.0069	2,075	\$	14.31	-\$	1.04	-6.76%
RTSR - Connection and/or Line and		\$	0.0055	2,075	\$	11.41	\$	0.0054	2,075	\$	11.20	-\$	0.21	-1 82%
Transformation Connection		-					-							
Sub-Total C - Delivery (including Sub- Total B)					\$	66.79				\$	75.91	\$	9.12	13.65%
Wholesale Market Service Charge (WMSC)					•									
<b>0</b> ( )		\$	0.0044	2,075	\$	9.13	\$	0.0044	2,075	\$	9.13	\$	-	0 00%
Rural and Remote Rate Protection (RRRP)		\$	0.0040	0.075	¢	0.70		0.0010	0.075	¢	0.70	¢		0.000/
		\$	0.0013	2,075	\$	2.70		0.0013	2,075	\$	2.70	\$	-	0 00%
Standard Supply Service Charge		\$	0.2500	1	\$	0 25	\$	0.25	1	\$	0.25	\$	-	0 00%
Debt Retirement Charge (DRC)		\$	0.0070	2,000	\$	14 00	\$	0.0070	2,000	\$	14.00	\$	-	0 00%
Ontario Electricity Support Program							\$	-	2,075	\$		\$		
(OESP)												·		
TOU - Off Peak		\$	0.0800	,		102.40			1,280			\$	-	0 00%
TOU - Mid Peak		\$	0.1220	360	\$	43 92				\$		\$	-	0 00%
TOU - On Peak		\$	0.1610	360	\$	57 96	\$	0.1610	360	\$	57.96	\$	-	0 00%
		-												
Total Bill on TOU (before Taxes)			100/		\$	297.15		1000		\$		\$	9.12	3.07%
HST			13%		\$	38 63		13%		\$		\$	1.18	3 07%
Total Bill (including HST)					\$ \$	335.78				\$	346.08	\$	10.30	3 07%
Ontario Clean Energy Benefit <sup>1</sup> Total Bill on TOU					\$	335.78				\$	346.08	¢	10.30	3.07%
		_			Ş	335.76	-			þ	340.00	þ	10.30	3.07%

Customer Class		ING S	ERVICE CLASSIFICATIO	N	1					l				
RPP / Non-RPP	RPP													
Consumption	175													
Demand		kW												
Current Loss Factor	1.0373													
Proposed/Approved Loss Factor	1.0373													
Ontario Clean Energy Benefit Applied?	No													
	[		Current B	oard-Approve	d				Proposed				Imp	act
			Rate	Volume		Charge		Rate	Volume		Charge			
			(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge		\$	0.60	1	\$	0 60	\$	0.61	1	\$	0.61	\$	0.01	1 67%
Distribution Volumetric Rate		\$	4.3600	0.22		0 96	\$		0.22		0.98	\$	0.02	1 80%
Fixed Rate Riders		\$	-	1	\$	-	\$		1	\$	-	\$	-	
Volumetric Rate Riders		\$	-	0.22		-	\$	0.0088	0.22		0.00	\$	0.00	
Sub-Total A (excluding pass through)					\$	1 56				\$	1.59	\$	0.03	1.87%
Line Losses on Cost of Power		\$	0.1021	7	\$	0 67	\$	0.1021	7	\$	0.67	\$	-	0 00%
Total Deferral/Variance Account Rate		-\$	1.3627	0	-\$	0 30	\$	0.3862	0	\$	0.08	\$	0.38	-128 34%
Riders		•		-	•	0.00	Ť	0.0002	-		0.00	Ť	0.00	120 0 170
Low Voltage Service Charge				0	\$	-			0	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)		\$	-	1	\$		\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-					\$	1.93				\$	2.34	\$	0.41	21.49%
Total A)														
RTSR - Network		\$	2.2332	0	\$	0.49	\$	2.0861	0	\$	0.46	-\$	0.03	-6 59%
RTSR - Connection and/or Line and		\$	1.7248	0	\$	0 38	\$	1.6858	0	\$	0.37	-\$	0.01	-2 26%
Transformation Connection					·		Ľ.							
Sub-Total C - Delivery (including Sub-					\$	2.80				\$	3.17	\$	0.37	13.34%
Total B)							-			_		-		
Wholesale Market Service Charge (WMSC)		\$	0.0044	182	\$	0 80	\$	0.0044	182	\$	0.80	\$	-	0 00%
Rural and Remote Rate Protection (RRRP)														
Rural and Remote Rate Protection (RRRP)		\$	0.0013	182	\$	0 24	\$	0.0013	182	\$	0.24	\$	-	0 00%
Standard Supply Service Charge		\$	0.2500	1	\$	0 25	\$	0.25	1	\$	0.25	\$		0 00%
Debt Retirement Charge (DRC)		ş S	0.2300	175	э \$	1 23	\$		175	э \$	1.23	э \$		0 00%
Ontario Electricity Support Program		Ð	0.0070	175	φ	123	₽	0.0070	175	φ	1.23	φ	-	0.00%
(OESP)							\$	-	182	\$	-	\$	-	
TOU - Off Peak		\$	0.0800	112	\$	8 96	\$	0.0800	112	\$	8.96	\$		0 00%
TOU - Mid Peak		\$	0.1220	32	\$	3 84	\$		32	\$	3.84	\$		0 00%
TOU - On Peak		\$	0.1610	32		5 07	ŝ		32	\$	5.07	\$ \$		0 00%
		Ψ	0.1010	52	Ψ	3.01	Ψ	0.1010	52	Ŷ	5.01	φ	-	0 00 /8
Total Bill on TOU (before Taxes)					\$	23.18	r -			ŝ	23.55	\$	0.37	1.61%
HST			13%		\$	3 01		13%		\$		\$	0.05	1 61%
Total Bill (including HST)			1070		\$	26.19		1070		\$		\$	0.42	1 61%
Ontario Clean Energy Benefit <sup>1</sup>					ŝ					Ť	20.02	Ŷ	0.12	
Total Bill on TOU					ŝ	26.19				\$	26.62	\$	0.42	1.61%
					Ť	20110				Ť	20.02	÷	0112	

Customer Class	RESIDENTIAL S	FRV	CE CLASSIFICATION											
RPP / Non-RPP	RPP				1									
Consumption		kWh												
Demand	-	kW												
Current Loss Factor	1.0373													
Proposed/Approved Loss Factor	1.0373													
Ontario Clean Energy Benefit Applied?	Yes													
	[		Current B	oard-Approve	d				Proposed				Imp	act
			Rate	Volume		Charge		Rate	Volume		Charge			
			(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge		\$	12.03	1	\$	12 03				\$	15.46	\$	3.43	28 51%
Distribution Volumetric Rate		\$	0.0164	800		13.12			800		10.00	-\$	3.12	-23.78%
Fixed Rate Riders		\$	2.11	1	\$	2.11	\$		1	\$	0.02	-\$	2.09	-99 05%
Volumetric Rate Riders		\$	-	800		· · · ·	\$	-	800		-	\$	-	
Sub-Total A (excluding pass through)					\$	27 26				\$	25.48	-\$	1.78	-6.53%
Line Losses on Cost of Power		\$	0.1021	30	\$	3 05	\$	0.1021	30	\$	3.05	\$	-	0 00%
Total Deferral/Variance Account Rate		-\$	0.0037	800	-\$	2 96	\$	0.0010	800	\$	0.80	\$	3.76	-127 03%
Riders				000					800			¢		
Low Voltage Service Charge		•	0 7000	800	\$ \$	-		0 7000		\$ \$	- 0.79	\$	-	0.00%
Smart Meter Entity Charge (if applicable) Sub-Total B - Distribution (includes Sub-		\$	0.7900	1	Э	0.79	\$	0.7900	1	Þ	0.79	\$	-	0 00%
Total A)					\$	28.14				\$	30.12	\$	1.98	7.04%
RTSR - Network		\$	0.0078	830	\$	6.47	\$	0.0073	830	\$	6.06	-\$	0.41	-6.41%
RTSR - Connection and/or Line and		Ψ	0.0070	000	·	0.47	Ψ	0.0075	000		0.00	-ψ	0.41	-0.4178
Transformation Connection		\$	0.0062	830	\$	5.15	\$	0.0061	830	\$	5.06	-\$	0.08	-1 61%
Sub-Total C - Delivery (including Sub-														
Total B)					\$	39.76				\$	41.24	\$	1.48	3.73%
Wholesale Market Service Charge (WMSC)		•			•	0.05					0.05			0.000/
		\$	0.0044	830	\$	3 65	\$	0.0044	830	\$	3.65	\$	-	0 00%
Rural and Remote Rate Protection (RRRP)		\$	0.0013	830	\$	1 08		0.0013	830	\$	1.08	\$		0 00%
		φ	0.0013	630	Ф	1 00	Þ	0.0013	630	¢	1.00	φ	-	0.00%
Standard Supply Service Charge		\$	0.2500	1	\$	0 25		0.25	1	\$	0.25	\$	-	0 00%
Debt Retirement Charge (DRC)		\$	0.0070	800	\$	5 60	\$	-	800	\$	-	-\$	5.60	-100 00%
Ontario Electricity Support Program							s	_	830	\$	-	\$		
(OESP)							1					Ť		
TOU - Off Peak		\$	0.0800	512		40 96			512	\$	40.96	\$	-	0 00%
TOU - Mid Peak		\$	0.1220	144	\$	17 57	\$		144	\$	17.57	\$	-	0 00%
TOU - On Peak		\$	0.1610	144	\$	23.18	\$	0.1610	144	\$	23.18	\$	-	0 00%
						406					107			
Total Bill on TOU (before Taxes)			100/		\$	132.05	1	4004		\$		-\$	4.12	-3.12%
HST			13%		\$ \$	17.17 149 21	1	13%		\$ \$	16.63 144.56	-\$ -\$	0.54 4.65	-3.12% -3.12%
Total Bill (including HST)					э -S	149 21				¢	144.50	- <b>⊅</b>	4.05	-3.12%
Ontario Clean Energy Benefit <sup>1</sup> Total Bill on TOU						134.29				\$	144.56	\$	10.27	7.64%
		_			\$	134.29	1			\$	144.56	\$	10.27	7.64%

Customer Class	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION									
RPP / Non-RPP	Non-RPP (Othe	er)								
Consumption	2,750	kWh								
Demand	-	kW								
Current Loss Factor	1.0373									
Proposed/Approved Loss Factor	1.0373									
Ontario Clean Energy Benefit Applied?	No									

Current Board-Approved Proposed Impact Rate Volume Charge Volume Charge Rate \$ Change % Change (\$) (\$) (\$) (\$) Monthly Service Charge 25.09 \$ 1 \$ 25 09 25.54 \$ 25.54 \$ 0.45 1.79% Distribution Volumetric Rate \$ 0.0135 2750 \$ 37.13 0.0137 2750 \$ 37.68 0.55 1.48% \$ \$ Fixed Rate Riders \$ -\$ \$ \$ \$ -Volumetric Rate Riders \$ 2750 \$ 2750 \$ -\$ Sub-Total A (excluding pass through) 62 22 \$ 63.22 \$ 1.00 1.61% \$ Line Losses on Cost of Power 0.0954 103 \$ 0.0954 103 \$ \$ 9.79 \$ 9.79 \$ -0 00% Total Deferral/Variance Account Rate \$ \$ 0.0020 2,750 \$ 5 50 \$ 0.0044 2,750 12.10 \$ 6.60 120 00% Riders Low Voltage Service Charge 2,750 \$ 2,750 \$ \$ . -Smart Meter Entity Charge (if applicable) \$ 0.7900 1\$ 0.79 \$ 0.7900 1 \$ 0.79 \$ 0 00% Sub-Total B - Distribution (includes Sub-\$ 78.29 \$ 85.89 \$ 7.60 9.71% Total A) RTSR - Network 0.0074 \$ 2,853 \$ 21.11 \$ 0.0069 2,853 \$ 19.68 -\$ 1.43 -6.76% RTSR - Connection and/or Line and \$ \$ 0.0055 2,853 \$ 15 69 \$ 0.0054 2,853 15.40 -\$ 0.29 -1 82% Transformation Connection Sub-Total C - Delivery (including Sub-\$ \$ 115.09 120.98 5.89 5.12% \$ Total B) Wholesale Market Service Charge (WMSC) \$ 0.0044 2,853 12 55 \$ 0.0044 2,853 \$ 12.55 0 00% \$ \$ -Rural and Remote Rate Protection (RRRP) \$ 0.0013 2,853 \$ 3.71 \$ 0.0013 2,853 \$ 3.71 \$ 0 00% -Standard Supply Service Charge \$ 0.2500 0 25 0.25 \$ 0.25 \$ 0 00% \$ \$ -Debt Retirement Charge (DRC) 2.750 0.0070 0.0070 19 25 2,750 \$ 19.25 \$ \$ \$ \$ -0 00% Ontario Electricity Support Program 2,853 \$ \$ -\$ -(OESP) Average ESO Wholesale Market Price 0.0954 2,750 \$ 262 35 \$ 0.0954 2,750 \$ 262.35 \$ 0 00% \$ Total Bill on Average IESO Wholesale Market Price 413.20 419.09 5.89 1.43% \$ HST 13% 53.72 13% 54.48 0.77 1.43% \$ \$ \$ Total Bill (including HST) 466 91 \$ 473.57 \$ 6.65 1.43% \$ Ontario Clean Energy Benefit 1 Total Bill on Average IESO Wholesale Market Price 466.91 473.57 6.65 1.43% \$ \$

Customer Class	GENERAL	<b>SERVICE 50</b>	TO 4,999 KW	SERVICE CL	ASSIFICATION

RTSR - NTERVAL METERED

RPP / Non-RPP Non-RPP (Other) 36,700 kWh Consumption 100 kW 1.0373 Demand Current Loss Factor Proposed/Approved Loss Factor Ontario Clean Energy Benefit Applied? 1.0373 No

		Current B	Board-Approved			Proposed			Impact				
		Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)		Change	% Change
Monthly Service Charge	\$	58.80	1	\$	58 80	\$	59.86	1	\$	59.86	\$	1.06	1 80%
Distribution Volumetric Rate	\$	2.8949	100	\$	289.49	ŝ	2.9470	100	ŝ	294.70	\$	5.21	1 80%
Fixed Rate Riders	\$	-	1	\$		\$		1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	100	\$	-	\$	0.0033	100	\$	0.33	\$	0.33	
Sub-Total A (excluding pass through)	-			\$	348 29				\$	354.89	\$	6.60	1.89%
Line Losses on Cost of Power	\$	-	-	\$	-	\$	-	-	\$	-	\$	-	
Total Deferral/Variance Account Rate Riders	-\$	0.3611	100	-\$	36.11	\$	1.0494	100	\$	104.94	\$	141.05	-390 61%
Low Voltage Service Charge			100	\$	-			100	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub- Total A)				\$	312.18				\$	459.83	\$	147.65	47.30%
RTSR - Network	\$	3.0558	100	\$	305 58	\$	2.8544	100	\$	285.44	-\$	20.14	-6 59%
RTSR - Connection and/or Line and Transformation Connection	\$	2.4237	100	\$	242 37	\$	2.3689	100	\$	236.89	-\$	5.48	-2 26%
Sub-Total C - Delivery (including Sub- Total B)				\$	860.13				\$	982.16	\$	122.03	14.19%
Wholesale Market Service Charge (WMSC)	\$	0.0044	38,069	\$	167 50	\$	0.0044	38,069	\$	167.50	\$	-	0 00%
Rural and Remote Rate Protection (RRRP)	\$	0.0013	38,069	\$	49.49	\$	0.0013	38,069	\$	49.49	\$		0 00%
Standard Supply Service Charge	\$	0.2500	1	\$	0 25	\$	0.25	1	\$	0.25	\$	-	0 00%
Debt Retirement Charge (DRC)	\$	0.0070	36,700	\$	256 90	\$	0.0070	36,700	\$	256.90	\$	-	0 00%
Ontario Electricity Support Program (OESP)						\$	-	38,069	\$	-	\$		
Average ESO Wholesale Market Price	\$	0.0954	38,069	\$	3,631.77	\$	0.0954	38,069	\$	3,631.77	\$	-	0 00%
Total Bill on Average IESO Wholesale Market Price				\$	4,966.05	Ι			\$	5,088.08		122.03	2.46%
HST	1	13%		\$	645 59		13%		\$	661.45		15.86	2.46%
Total Bill (including HST)				\$	5,611 63				\$	5,749.53	\$	137.89	2.46%
Ontario Clean Energy Benefit <sup>1</sup>				\$	-								
Total Bill on Average IESO Wholesale Market Price				\$	5,611.63				\$	5,749.53	\$	137.89	2.46%

Tab F

# Empirical Research in Support of Incentive Rate-Setting: 2014 Benchmarking Update

### **Report to the Ontario Energy Board**

July 2015



**Pacific Economics Group Research, LLC** 

The views expressed in this report are those of Pacific Economics Group Research, and do not necessarily represent the views of, and should not be attributed to, the Ontario Energy Board, any individual Board Member, or Ontario Energy Board staff.

# Empirical Research in Support of Incentive Rate-Setting: 2014 Benchmarking Update

**Report to the Ontario Energy Board** 

July 2015

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### **TABLE OF CONTENTS**

1.	Introduction	1
2.	Benchmarking Methodology	2
3.	Benchmarking Data	3
4.	Benchmarking Results and Updated Stretch Factors	7
5.	Validation and Other Supporting Documents	8



### 1. Introduction

In 2013 the Ontario Energy Board (OEB) issued a report titled "Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors"<sup>1</sup> (Board Report) in which it set forth the framework for setting rate adjustment formulas for local distribution companies (LDCs). According to the Board Report, rates will be indexed by a formula "which is used to adjust the distribution rates to reflect expected growth in the distributors' input prices (the inflation factor) less allowance for appropriate rates of productivity and efficiency gains (the X-factor)."<sup>2</sup> The productivity part of the X-Factor is the same for all LDCs. The efficiency gains part of the X-Factor is called the stretch factor and can vary by company. This stretch factor reflects the potential for incremental productivity gains by a given LDC under incentive regulation which in turn depends on an individual distributor's level of cost efficiency.

These stretch factor assignments are based on the results of a statistical cost benchmarking study designed to make inferences on individual distributors' cost efficiency. An econometric model is used to predict the level of cost associated with each distributor's operating conditions. Distributors that had actual cost that was lower than that predicted by the model were assigned lower stretch factors than those that did not. The October 18, 2013 report by Pacific Economics Group (PEG) titled "Productivity and Benchmarking Research in Support of Incentive Rate Setting in Ontario" describes the model used to produce the benchmarking results. The work was subsequently updated to include 2013 data in July of 2014<sup>3</sup>. This report presents updated benchmarking results and associated stretch factors that include 2014 data.

Section 2 of this report discusses the methodology used for the 2014 update. Section 3 discusses the data used. Section 4 presents the benchmarking results and updated stretch factors. Section 5 discusses additional resources available to distributors to validate the results contained in this report.

<sup>&</sup>lt;sup>3</sup> "Empirical work in Support of Incentive Rate Setting: 2013 Benchmarking Update".



<sup>&</sup>lt;sup>1</sup> Issued on November 21, 2013 and corrected on December 4, 2013.

<sup>&</sup>lt;sup>2</sup> Board Report, page 5.

### 2. Benchmarking Methodology

The model used to determine the cost efficiency of distributors is based on econometrics. Distributor cost in this model is estimated as a function of business conditions faced by each distributor. These business conditions include the number of customers served and the price of inputs such as labor and capital. The parameters of this model establish the relationship between each business condition and distributor cost. These parameters were estimated using Ontario LDC data from 2002-2012.

The model can make a prediction of each distributor's cost given its business conditions by multiplying the company's business condition variables by the model parameters and summing the results<sup>4</sup>. The distributor's actual cost is then compared to that predicted by the model. The percentage difference between actual and predicted cost is the measure of cost performance. Companies with larger negative differences between actual and predicted costs are considered to be better cost performers and therefore eligible for lower stretch factors. A detailed description of the econometric model including estimation technique and other technical details are contained in sections 6 and A2.1 of the PEG report.

The econometric model used to obtain the updated stretch factors is identical to the model described in the PEG report. The OEB intentionally decided not to update the parameters of the econometric model to include future data. The goal was to establish a fixed benchmark that would allow companies a fair opportunity to demonstrate improved cost performance and earn a lower stretch factor. The parameters from the previous model were combined with each company's data – including 2013 and 2014 data - to produce 2014 predicted cost. The rationale

<sup>&</sup>lt;sup>4</sup> The table of parameters published in the PEG report was for the full sample. When making predictions of cost for each company, the econometric program estimated the model without including the subject of benchmarking in the sample. Therefore, there exist 73 different sets of parameters which are very similar to each other. For ease of presentation, the PEG report did not present the parameters specific to each distributor. These company-specific parameters are necessary for the 2013 calculations and are contained within the working papers associated with this report.



for this decision is discussed in the Board Report and in a memorandum by PEG that also makes some corrections to the 2012 results.<sup>5</sup> The PEG memorandum contains the corrected final results of the 2010-2012 benchmarking model used in this update. The tables from the 2014 report updating the benchmarking results also required minor changes to make them consistent with the final calculations. The final results are reflected in this report.

In order to apply the 2014 values to the model parameters, the data must be transformed to be consistent with how the data were specified for the estimated econometric model. One example of a transformation is that many of the explanatory variables were expressed as logarithms prior to the model being estimated. The PEG report describes the details of the estimation process in section A2.1. The spreadsheet model and associated documentation discussed in section 5 contain the calculations leading to the cost benchmarking results.

The purpose of the benchmarking work is to evaluate the total cost incurred by each distributor. Table One shows the formulas used to calculate the measure of total cost used in PEG's benchmarking analysis. As described in the PEG benchmarking report, adjustments were undertaken with the purpose of standardizing cost in order to facilitate more accurate cost comparisons among distributors. These adjustments included the treatment of high voltage and low voltage costs.

The variables used to explain total cost are the same as in the previous PEG report. They include outputs such as customers, kWh deliveries, and capacity. Prices for capital and OM&A along with other business conditions such as customer growth and average length of lines are also included. A complete discussion of the explanatory variables can be found in section 6 of the PEG report and the documents discussed in section 5. The explanatory variables are used to explain the level of cost incurred by each LDC. Cost that is not explained by the variables is deemed to be due to management performance.

### 3. Benchmarking Data

The source of the cost and output data used in the calculations is from the distributors as reported in RRR filings. The study assumes that the data as reported by the distributors

<sup>&</sup>lt;sup>5</sup> Available on the OEB website in the file "PEG\_Memorandum\_OEB on\_corrections\_20131220.pdf"+



conforms to guidelines described in the Accounting Procedures Handbook and other instructions contained within the RRR filing system. It is also assumed that the LDCs have taken ownership of the data provided to the OEB and significant revisions are not anticipated.<sup>6</sup> On March 31, 2015, the OEB established new requirement for certification of the electricity distributors' RRRs. To underscore the importance that the OEB places on the accuracy and integrity of distributor reporting, particularly in the context of the new performance based regulatory framework, the OEB required that any RRR filing with the OEB be certified by an executive signing officer of the company (e.g., Chief Executive Officer, Chief Financial Officer). The new executive certification was required for both quarterly and annual RRR filings.

Data sources apart from the RRR are related to input prices. OEB-approved rates of return were obtained from OEB Staff. The source for other input price data was Statistics Canada. The input price indexes used were the same as those used in PEG's original study.

The update was done in the same manner as the original work and the previous update with a few exceptions. The first is that the OEB has improved the quality of the guidance given to distributors related to capital additions data. As a result, improved data are available for 2013 and 2014. PEG has accordingly relied upon these newly-available capital additions data instead of inferring these data from changes in gross plant<sup>7</sup>. The second exception is related to the treatment of deferred smart meter OM&A expenses. In the original PEG report, an adjustment was made for the estimated amount of amortization that was included in the reported OM&A

<sup>7</sup> This improvement in data quality also extends to the collection of smart meter capital additions. The previous study estimated capital additions for distribution capital exclusive of meters for the period 2006-2012 in order to be able to isolate the accounting treatment of smart meters. The capital expenditures on smart meters were gathered for each company via a supplemental data request. These capital expenditures were then used as a proxy for capital additions and added to the total. A recent survey of the composition of the reported gross capital additions has revealed that some distributors have included amounts cleared from account 1555. The capital additions to avoid double counting.



<sup>&</sup>lt;sup>6</sup> The Ontario Energy Board (OEB) released the Report of the Board on Scorecard (EB-2010-0379) on March 5, 2014 (the "Scorecard Report") states that: 'While the Board will create consistent Scorecard reports for distributors, ownership of the data and Scorecard resides with the distributor.'

expenses as a result of clearing amounts from account 1556. In 2014, OEB staff had advised that due to improved reporting requirements, this adjustment is no longer necessary. A recent survey of LDC disposition of account 1556 amounts has confirmed this.

The merger of Lakeland and Parry Sound was another issue that required special treatment for 2014. Where required, previous values for capital quantity and business conditions were aggregated for 2013 for use with the 2014 data for the combined company. Previous benchmarking results for 2012 and 2013 were combined for the two distributors. This work was necessary in order to calculate 2012-2014 average cost performance for the combined company.

This report also addresses the impact of data revisions by LDCs. As part of its procedures to improve data quality, OEB staff invited distributors to submit corrections to previously provided data. It was determined that benchmarking results for years prior to 2014 would not be modified as a result of the new data. Any revised data used by the model have been incorporated into the databases. As a result, the updated work will show modestly different results for 2013 performance. The revised 2013 results are presented in this report to show the impact, but were not used to calculate the 2012-2014 average cost performance used to determine stretch factors. The revised results are similar to those calculated earlier and would not have led to any change to previously determined stretch factors.

Several tables are included at the end of this report. Table 1 describes the calculation of total cost. Table 2 shows each distributor's growth in total cost from 2013 to 2014. Tables 3 (A) and 3 (B) present benchmarking results. Table 4 presents average cost performance and associated stretch factors. Table 5 presents the companies assigned to each cohort.

As can be seen on Table 2, average cost growth was 2.97% and median cost growth was slightly higher at 3.48%. OM&A cost grew by only of 0.96% on average while capital cost grew by 5.06%. The primary reason for capital cost growth was that the OEB-approved rate of return used in the cost calculations had increased in 2014 relative to 2013.

The econometric model estimates LDCs' costs as a function of distributor output, input price growth, and other business condition variables beyond management control. It will also produce a prediction of the level of cost consistent with these business conditions and thus "explain" some of the observed cost level. As described in the PEG benchmarking report, changes not accounted for by these factors are deemed to be due to management performance.



The parameter estimates measure the cost impact of the different business conditions and are presented on Table 16 of the PEG benchmarking report.

The first of the cost drivers is output quantity. The model uses three measures for the quantity of distributor output. The first is the number of customers served and the second is kWh delivered. The third is a proxy for the capacity of the distribution system. The capacity variable is described in the PEG report and is equal to the largest peak load experienced as of the current year of data. For example, the 2012 value for the capacity variable is equal to largest reported system summer or winter kW in all the years 2002-2012. Therefore, for 2013, this capacity variable only increased if the distributor's kW demand in that year exceeded kW demand in every year between 2002 and 2012. Of the three output variables, the model estimates that the number of customers has the largest impact on cost, followed by the system capacity variable. The kWh delivered was the least important of the output variables. For the average company, the number of customers was found to be a more important cost driver than the other two combined. For each 1% change in number of customers, cost was estimated to change by 0.44%.

The second group of cost drivers were the input prices for capital and OM&A. For the average company, the cost impact of changes in the capital price was found to be almost twice as important as that for OM&A. For every 1% change in capital price, the impact on total cost was about 0.63%. The corresponding impact for changes in the OM&A price was 0.37%. The relevant indexes were updated to include 2014 data. For the OM&A price, the growth in average weekly earnings and that for the GDP price index for final domestic demand ("GDPIPI FDD") were calculated. The 2014 growth in the OM&A price index is calculated as 70% times average weekly earnings growth plus 30% times GDPIPI FDD growth. The 2013 values for the OM&A price index for the OM&A

The capital price calculation is based upon an asset price index, an economic depreciation rate, and a rate of return. The asset price index was the Electric Utility Construction Price Index as calculated by Statistics Canada. The depreciation rate is fixed at 4.59% consistent with the previous work. The rate of return is a weighted average of the rates for return on equity, long term debt, and short term debt as approved by the OEB. Because these values are available for January and May of 2014, a weighted average was taken of the two values. The weight given to the January value (4/12) assumes that the first value was in effect from January 1 to April 30.



The weight given to the May (8/12) assumes that it was in effect starting May 1. The capital price used to calculate total cost is also used as an explanatory variable. Therefore any changes in the rate of return that affect the cost calculation will also affect the price calculation which will in turn "explain" the observed changes in cost.

The last group of cost drivers consists of other business condition variables. The first was the percentage of customers added over the last ten years. The second was the average km of distribution line. In each case these variables were updated to include 2014 data. For each 1% change in line length, total cost was estimated to increase by 0.29%. The model also contains a time trend that accounts for changes in cost over time that are not accounted for by the other cost drivers. This variable estimates that cost should rise by 1.7% per year for reasons not identified by other variables in the model.

### 4. Benchmarking Results and Updated Stretch Factors

Table 3 (A) presents a summary of benchmarking results for each distributor from 2011-2014. The first three columns contain the annual results for 2011, 2012, and 2013. The average of these three results was used to determine the 2015 stretch factor. The 2014 cost performance results are then presented and a new three year average of the 2012-2014 cost performance is calculated. The updated average cost performance is used to assign 2016 stretch factors.

The last column presents the difference between the updated average cost performance and that calculated previously. All but seven distributors had average cost performance that changed by less than 5%.

Average industry cost performance was better than predicted by the model by 1.02% in 2011, 0.04% in 2013, and 2.35% in 2014. It was worse than predicted by 0.73% in 2012. Part of the 2012 performance can be explained by the impact of previously deferred smart meter OM&A expenses included in measured cost. Average 2012-2014 cost performance improved by 0.37% relative to 2011-2013 levels. This improvement in average performance is due to the cost performance improvement in 2014 and that this performance improvement was superior to that for 2011 which is excluded from the new average.



As part of its procedures to improve data quality, OEB staff invited distributors to submit corrections to previously provided data. In addition, a data request regarding the accounting treatment of deferred smart meter cost. OEB Staff reviewed and considered the data corrections requests and PEG evaluated the data provided in response to the data request to identify any warranted corrections. Both sets of revised data were incorporated into the databases and the 2013 results were recalculated to demonstrate the impact. Table 3 (B) shows the impact of LDC data revisions on 2013 cost performance. The data revisions resulted in modest changes in cost performance results none of which would have resulted in a different stretch factor being assigned.

Updated stretch factors are assigned based on a three-year average of actual less predicted cost over the 2012-2014 period. As discussed in the Board Report, distributors that averaged 25% or more below cost received the lowest stretch factor of 0%. Those that averaged between 10% and 25% below cost received a stretch factor of 0.15%. Those within 10% of predicted cost received a stretch factor of 0.30%. Those distributors that had cost in excess of 10% to 25% of that predicted received a stretch factor of 0.45%. Any distributors that had cost in excess of 25% were assigned the highest stretch factor of 0.60%.

Table 4 presents a summary of cost performance results and corresponding stretch factors. The assigned stretch factor for almost every company was not affected by the 2014 update. Three companies have been assigned different stretch factors. Only Brant County was assigned a different stretch factor as a result of a change in performance. The other two changes were a consequence of the merger of Lakeland and Parry Sound. Parry Sound no longer exists as an independent company and therefore has no 2014 results or an assigned stretch factor. Lakeland does have a different stretch factor, but this change appears to be a result of the acquisition of Parry Sound and not due to a deterioration of performance. Table 5 presents the updated stretch factor assignments in the format of Appendix D of the Board report.

### 5. Validation and Other Supporting Documents

As part of their reporting requirements, distributors are asked to validate the numbers contained in their scorecard. Many distributors had difficulty understanding and validating the results contained in previous benchmarking reports. As part of its process improvement



initiative, OEB Staff commissioned additional work to make these calculations more accessible and transparent. In collaboration with a committee of industry members, the working papers and documentation were upgraded with the purpose of making them a tool to assist LDCs in validating their benchmarking results. The result was a Spreadsheet Model and a User's Guide which are available on the OEB's website<sup>8</sup>. A webinar and training session were also held to assist the industry in using these new tools.

This spreadsheet model was updated to include 2014 data and produces the updated benchmarking results contained in this report. The updated Spreadsheet Model builds on the previous version by adding additional worksheets related to the 2014 calculations. The format of the additional sheets is identical to those provided earlier and the User's Guide will be applicable to the new worksheets. There are no current plans to update this documentation.

<sup>&</sup>lt;sup>8</sup> The spreadsheet model and users guide are available in the <u>Measuring Performance of Electricity</u> <u>Distributors</u> section of the OEB's website



### Calculation of 2014 Total Cost

Variable	e Reference Formula		Source
Total Cost		= OM&A + Capital Cost	Formula
OM&A		= A+B+C+D+E+F+G-I+J	Formula
2014 Operation	А		RRR
2014 Maintenance	В		RRR
2014 Billing and Collection	С		RRR
2014 Community Relations	D		RRR
2014 Administrative and General Expenses	E		RRR
2014 Insurance Expense	F		RRR
2014 Advertising Expenses	G		RRR
Adjustments to OM&A			
2014 Smart Meter	Н		Data Request
2014 HV Adjustment	I		RRR
2014 LV Adjustment	J		Hydro One Networks
Capital			
2013 Asset Price Index	К		PEG Report Working Papers
2013 Capital Price	L		PEG Report Working Papers
2013 Capital Quantity	М		PEG Report Working Papers
2013 Capital cost	Ν		PEG Report Working Papers
2014 Asset Price Index	0	=K x (EUCPI 2014 / EUCPI 2013)	Formula, Statistics Canada
2014 Capital Additions	Р		RRR
2014 HV Capital Additions	Q		RRR
2014 Quantity of Capital Additions	R	=(P-Q) / O	Formula
Depreciation Rate	S	Fixed at 4.59% for All Years	PEG Report
2014 Capital Quantity	Т	= M - S x M + R	Formula
2014 Rate of Return	U	= 4 months @ 5.98 + 8 months @ 6.56 = 6.37	OEB Staff
2014 Capital Price	V	=U x K + S x O	Formula
2014 Capital Cost	W	= V x T	Formula

### Total Cost by Distributor: 2013 vs. 2014

		OM&A Cost		Capital Cost				Total Cost		
			Percent			Percent			Percent	
	2013	2014	Change	2013	2014	Change	2013	2014	Change	
Algoma Power Inc.	10,672,392	10,935,164	2.4%	11,588,947	12,133,431	4.6%	22,261,339	23,068,595	3.6%	
Atikokan Hydro Inc.	1,031,675	825,680	-22 3%	459,891	504,594	9.3%	1,491,567	1,330,274	-11.4%	
Bluewater Power Distribution Corporation	11,982,293	11,459,224	-4.5%	11,260,638	11,563,039	2.7%	23,242,931	23,022,264	-1.0%	
Brant County Power Inc.	3,899,113	3,575,396	-8.7%	3,307,373	3,427,827	3.6%	7,206,486	7,003,223	-2.9%	
Brantford Power Inc.	8,727,540	8,524,487	-2.4%	10,801,397	10,999,115	1.8%	19,528,936	19,523,602	0.0%	
Burlington Hydro Inc.	16,773,837	16,549,653	-1.3%	22,349,707	23,355,611	4.4%	39,123,544	39,905,264	2.0%	
Cambridge And North Dumfries Hydro Inc.	14,096,634	14,160,867	0.5%	18,493,432	19,261,333	4.1%	32,590,066	33,422,200	2.5%	
Canadian Niagara Power Inc.	8,474,686	8,958,865	5.6%	11,692,953	12,476,445	6.5%	20,167,639	21,435,310	6.1%	
Centre Wellington Hydro Ltd.	2,048,511	1,990,167	-2.9%	1,923,367	2,163,672	11 8%	3,971,878	4,153,839	4.5%	
Chapleau Public Utilities Corporation	629,802	712,902	12.4%	184,934	186,972	1.1%	814,736	899,874	9.9%	
Collus PowerStream Corp.	4,438,351	4,537,518	2.2%	3,693,997	3,880,589	4.9%	8,132,348	8,418,107	3.5%	
Cooperative Hydro Embrun Inc.	634,625	565,959	-11 5%	482,033	486,277	0.9%	1,116,658	1,052,237	-5.9%	
E.L.K. Energy Inc.	2,251,429	2,191,873	-2.7%	2,351,659	2,363,041	0.5%	4,603,088	4,554,914	-1.1%	
Enersource Hydro Mississauga Inc.	52,980,754	50,285,453	-5.2%	85,379,945	90,091,164	5.4%	138,360,699	140,376,617	1.4%	
Entegrus Powerlines Inc.	8,926,222	8,803,869	-1.4%	12,062,450	12,764,635	5.7%	20,988,672	21,568,504	2.7%	
Enwin Utilities Ltd.	21,511,933	22,891,607	6.2%	34,602,624	36,334,282	4.9%	56,114,557	59,225,888	5.4%	
Erie Thames Powerlines Corporation	5,504,432	5,615,109	2.0%	5,546,493	5,912,627	6.4%	11,050,924	11,527,736	4.2%	
Espanola Regional Hydro Distribution Corporation	1,295,367	1,241,489	-4.2%	725,251	744,110	2.6%	2,020,618	1,985,598	-1.7%	
Essex Powerlines Corporation	5,885,995	6,639,108	12 0%	7,807,709	8,371,806	7.0%	13,693,704	15,010,914	9.2%	
Festival Hydro Inc.	4,923,387	4,988,496	1.3%	7,739,859	7,918,709	2.3%	12,663,246	12,907,205	1.9%	
Fort Frances Power Corporation	1,428,272	1,506,561	5.3%	869,730	887,033	2.0%	2,298,002	2,393,594	4.1%	
Greater Sudbury Hydro Inc.	11,080,580	14,590,131	27 5%	15,268,858	15,984,783	4.6%	26,349,437	30,574,914	14.9%	
Grimsby Power Incorporated	2,653,353	2,772,130	4.4%	3,043,922	3,341,434	9.3%	5,697,275	6,113,565	7.1%	
Guelph Hydro Electric Systems Inc.	14,769,960	13,751,170	-7.1%	17,048,266	18,058,058	5.8%	31,818,226	31,809,228	0.0%	
Haldimand County Hydro Inc.	7,405,150	7,467,454	0.8%	7,053,403	7,699,770	8.8%	14,458,553	15,167,224	4.8%	
Halton Hills Hydro Inc.	4,821,336	5,200,809	7.6%	8,973,989	9,894,897	9.8%	13,795,325	15,095,706	9.0%	
Hearst Power Distribution Company Limited	830,789	969,120	15.4%	323,871	333,833	3.0%	1,154,661	1,302,953	12.1%	
Horizon Utilities Corporation	53,770,377	56,268,565	4.5%	65,449,394	69,205,749	5.6%	119,219,771	125,474,314	5.1%	
Hydro 2000 Inc.	504,541	436,641	-14 5%	143,051	149,884	4.7%	647,592	586,525	-9.9%	
Hydro Hawkesbury Inc.	1,084,232	944,391	-13 8%	482,818	486,981	0.9%	1,567,050	1,431,371	-9.1%	
Hydro One Brampton Networks Inc.	22,922,932	25,445,126	10.4%	62,611,816	66,814,412	6.5%	85,534,748	92,259,538	7.6%	
Hydro One Networks Inc.	561,763,830	591,300,184	5.1%	714,915,315	711,978,077	-0.4%	1,276,679,145	1,303,278,261	2.1%	
Hydro Ottawa Limited	70,831,893	75,859,476	6.9%	111,356,553	123,288,977	10 2%	182,188,446	199,148,453	8.9%	
Innisfil Hydro Distribution Systems Limited	4,983,184	5,142,300	3.1%	6,251,667	6,876,469	9.5%	11,234,850	12,018,769	6.7%	
Kenora Hydro Electric Corporation Ltd.	1,854,498	1,907,767	2.8%	1,105,187	1,172,151	5.9%	2,959,685	3,079,918	4.0%	
Kingston Hydro Corporation	6,643,269	6,041,005	-9.5%	7,354,110	7,661,944	4.1%	13,997,379	13,702,949	-2.1%	
Kitchener-Wilmot Hydro Inc.	15,004,498	15,575,235	3.7%	26,935,883	28,468,894	5.5%	41,940,381	44,044,130	4.9%	
Lakefront Utilities Inc.	2,511,656	2,306,656	-8.5%	2,068,176	2,197,896	6.1%	4,579,831	4,504,552	-1.7%	
Lakeland Power Distribution Ltd.	3,727,137	5,324,798	35.7%	4,275,780	4,506,267	5.3%	8,002,917	9,831,066	20.6%	
London Hydro Inc.	30,754,942	30,726,561	-0.1%	39,627,172	42,016,345	5.9%	70,382,114	72,742,906	3.3%	
Midland Power Utility Corporation	2,235,312	2,243,883	0.4%	2,405,395	2,440,018	1.4%	4,640,707	4,683,901	0.9%	
Milton Hydro Distribution Inc.	8,382,166	8,489,860	1.3%	13,862,504	15,351,857	10 2%	22,244,670	23,841,717	6.9%	
Newmarket-Tay Power Distribution Ltd.	7,255,412	7,826,753	7.6%	11,542,366	11,895,671	3.0%	18,797,778	19,722,424	4.8%	

### Total Cost by Distributor: 2013 vs. 2014

		OM&A Cost		Capital Cost			Total Cost		
			Percent			Percent			Percent
	2013	2014	Change	2013	2014	Change	2013	2014	Change
Niagara Peninsula Energy Inc.	13,580,949	16,390,587	18 8%	20,834,453	22,078,192	5.8%	34,415,402	38,468,779	11.1%
Niagara-On-The-Lake Hydro Inc.	2,146,011	2,104,463	-2.0%	3,890,131	4,055,402	4.2%	6,036,142	6,159,865	2.0%
Norfolk Power Distribution Inc.	5,932,696	7,061,423	17.4%	7,396,521	7,756,108	4.7%	13,329,218	14,817,531	10.6%
North Bay Hydro Distribution Limited	5,533,893	6,132,200	10 3%	9,174,129	9,674,089	5.3%	14,708,022	15,806,289	7.2%
Northern Ontario Wires Inc.	2,685,165	2,509,436	-6.8%	1,335,480	1,387,521	3.8%	4,020,644	3,896,958	-3.1%
Oakville Hydro Electricity Distribution Inc.	16,795,534	16,701,732	-0.6%	30,499,177	31,195,312	2.3%	47,294,711	47,897,044	1.3%
Orangeville Hydro Limited	3,315,703	3,224,243	-2.8%	3,325,594	3,519,682	5.7%	6,641,298	6,743,925	1.5%
Orillia Power Distribution Corporation	4,440,795	4,473,442	0.7%	3,370,879	3,684,614	8.9%	7,811,673	8,158,056	4.3%
Oshawa PUC Networks Inc.	10,496,484	10,438,953	-0.5%	16,742,890	17,947,690	6.9%	27,239,374	28,386,643	4.1%
Ottawa River Power Corporation	3,114,733	2,701,819	-14 2%	2,297,662	2,399,009	4.3%	5,412,395	5,100,828	-5.9%
Parry Sound Power Corporation	na	na	na	na	na	na	na	na	na
Peterborough Distribution Incorporated	7,788,114	8,283,961	6.2%	12,364,177	12,818,120	3.6%	20,152,291	21,102,080	4.6%
Powerstream Inc.	77,277,917	81,658,712	5.5%	149,127,719	161,417,781	7.9%	226,405,635	243,076,493	7.1%
PUC Distribution Inc.	11,448,896	10,123,152	-12 3%	11,484,981	12,111,959	5.3%	22,933,877	22,235,111	-3.1%
Renfrew Hydro Inc.	1,238,889	1,218,576	-1.7%	1,130,662	1,155,129	2.1%	2,369,550	2,373,705	0.2%
Rideau St. Lawrence Distribution Inc.	1,830,016	1,905,889	4.1%	1,035,425	1,070,649	3.3%	2,865,441	2,976,538	3.8%
Sioux Lookout Hydro Inc.	1,383,941	1,549,444	11 3%	836,234	865,948	3.5%	2,220,174	2,415,392	8.4%
St. Thomas Energy Inc.	3,817,984	3,911,993	2.4%	4,635,216	4,814,330	3.8%	8,453,200	8,726,323	3.2%
Thunder Bay Hydro Electricity Distribution Inc.	12,995,018	13,281,566	2.2%	16,336,816	17,289,971	5.7%	29,331,834	30,571,537	4.1%
Tillsonburg Hydro Inc.	2,971,581	2,466,576	-18.6%	2,078,980	2,096,975	0.9%	5,050,561	4,563,551	-10.1%
Toronto Hydro-Electric System Limited	232,504,073	228,243,963	-1.8%	446,117,008	491,640,605	9.7%	678,621,081	719,884,568	5.9%
Veridian Connections Inc.	24,791,293	24,920,397	0.5%	38,730,430	40,872,122	5.4%	63,521,722	65,792,519	3.5%
Wasaga Distribution Inc.	2,710,686	2,805,827	3.4%	2,510,806	2,683,425	6.6%	5,221,492	5,489,253	5.0%
Waterloo North Hydro Inc.	12,543,732	12,882,769	2.7%	26,910,118	28,695,634	6.4%	39,453,850	41,578,403	5.2%
Welland Hydro-Electric System Corp.	5,889,642	5,985,348	1.6%	4,653,232	4,862,068	4.4%	10,542,875	10,847,416	2.8%
Wellington North Power Inc.	1,724,131	1,685,217	-2.3%	1,177,200	1,244,762	5.6%	2,901,330	2,929,979	1.0%
West Coast Huron Energy Inc.	1,830,008	1,654,201	-10.1%	1,253,215	1,324,033	5.5%	3,083,223	2,978,234	-3.5%
Westario Power Inc.	5,723,054	5,149,478	-10.6%	6,774,353	7,170,085	5.7%	12,497,407	12,319,563	-1.4%
Whitby Hydro Electric Corporation	10,067,878	10,192,790	1.2%	15,160,200	15,854,816	4.5%	25,228,079	26,047,606	3.2%
Woodstock Hydro Services Inc.	3,933,564	3,867,466	-1.7%	7,298,711	7,653,724	4.7%	11,232,275	11,521,190	2.5%
Average			0.96%			5.06%			2.97%
Median			1.04%			5.09%			3.48%

### Table 3 (A)

# Summary of Cost Performance Results

				Cost Performan	ce		
	2011	2012	2013	2011-2013 Final Results	2014	2012-2014	Difference from 2011- 2013
Algoma Power Inc.	68.1%	66.4%	71.2%	68.6%	68.1%	68.6%	0.0%
Atikokan Hydro Inc.	7.7%	32.9%	11.6%	17.4%	-4.9%	13.2%	-4.2%
Bluewater Power Distribution Corporation	1.7%	6.4%	5.9%	4.7%	0.3%	4.2%	-0.5%
Brant County Power Inc.	22.4%	11.5%	5.5%	13.1%	-3.6%	4.5%	-8.7%
Brantford Power Inc.	-2.5%	4.7%	0.7%	1.0%	-3.6%	0.6%	-0.4%
Burlington Hydro Inc.	-7.1%	-9.0%	-7.5%	-7.9%	-9.4%	-8.6%	-0.7%
Cambridge And North Dumfries Hydro Inc.	-7.8%	-3.3%	0.5%	-3.5%	-1.9%	-1.6%	2.0%
Canadian Niagara Power Inc.	15.6%	10.0%	13.8%	13.2%	12.9%	12.2%	-0.9%
Centre Wellington Hydro Ltd.	-4.9%	0.4%	0.4%	-1.4%	-3.1%	-0.8%	0.6%
Chapleau Public Utilities Corporation	14.8%	24.0%	20.5%	19.7%	27.7%	24.1%	4.3%
Collus PowerStream Corp.	-9.5%	-1.2%	-12.3%	-7.6%	-14.2%	-9.2%	-1.6%
Cooperative Hydro Embrun Inc.	-16.9%	-26.4%	-18.9%	-20.7%	-29.7%	-25.0%	-4.2%
E.L.K. Energy Inc.	-26.2%	-25.4%	-33.2%	-28.3%	-44.9%	-34.5%	-6.3%
Enersource Hydro Mississauga Inc.	-16.1%	-9.5%	-10.7%	-12.1%	-13.9%	-11.4%	0.7%
Entegrus Powerlines Inc.	-13.4%	-10.9%	-12.5%	-12.3%	-16.7%	-13.4%	-1.1%
Enwin Utilities Ltd.	16.8%	23.9%	10.3%	17.0%	10.9%	15.0%	-2.0%
Erie Thames Powerlines Corporation	14.4%	3.9%	7.9%	8.7%	7.0%	6.3%	-2.4%
Espanola Regional Hydro Distribution Corporation	-21.8%	-15.5%	-19.3%	-18.9%	-25.4%	-20.1%	-1.2%
Essex Powerlines Corporation	-17.1%	-12.6%	-17.2%	-15.6%	-12.7%	-14.2%	1.5%
Festival Hydro Inc.	18.0%	20.2%	19.6%	19.3%	16.6%	18.8%	-0.5%
Fort Frances Power Corporation	10.5%	11.7%	6.4%	9.5%	5.6%	7.9%	-1.6%
Greater Sudbury Hydro Inc.	14.1%	16.7%	4.8%	11.9%	14.9%	12.2%	0.3%
Grimsby Power Incorporated	-18.6%	-9.6%	-16.9%	-15.0%	-17.3%	-14.6%	0.5%
Guelph Hydro Electric Systems Inc.	14.7%	-2.0%	0.8%	4.5%	-4.8%	-2.0%	-6.5%
Haldimand County Hydro Inc.	-24.1%	-18.7%	-23.7%	-22.2%	-23.6%	-22.0%	0.2%
Halton Hills Hydro Inc.	-24.9%	-27.5%	-35.7%	-29.4%	-31.3%	-31.5%	-2.1%
Hearst Power Distribution Company Limited	-30.1%	-28.4%	-33.1%	-30.5%	-22.4%	-28.0%	2.6%
Horizon Utilities Corporation	-13.7%	-6.9%	-5.5%	-8.7%	-5.3%	-5.9%	2.8%

### Table 3 (A)

# Summary of Cost Performance Results

				Cost Performan	ce		
	2011	2012	2013	2011-2013 Final Results	2014	2012-2014	Difference from 2011- 2013
Hydro 2000 Inc.	-12.2%	-0.8%	-1.0%	-4.7%	-15.3%	-5.7%	-1.0%
Hydro Hawkesbury Inc.	-59.4%	-55.8%	-51.1%	-55.4%	-64.3%	-57.1%	-1.7%
Hydro One Brampton Networks Inc.	-7.4%	-9.2%	-5.7%	-7.4%	-3.3%	-6.0%	1.4%
Hydro One Networks Inc.	57.3%	58.7%	27.6%	47.9%	30.0%	38.7%	-9.1%
Hydro Ottawa Limited	-2.6%	7.8%	8.5%	4.6%	12.7%	9.6%	5.1%
Innisfil Hydro Distribution Systems Limited	-6.2%	-2.4%	-2.8%	-3.8%	-2.8%	-2.7%	1.1%
Kenora Hydro Electric Corporation Ltd.	-4.6%	-5.2%	-11.2%	-7.0%	-11.0%	-9.1%	-2.1%
Kingston Hydro Corporation	2.2%	2.4%	3.7%	2.8%	-3.6%	0.8%	-1.9%
Kitchener-Wilmot Hydro Inc.	-22.8%	-20.7%	-19.3%	-21.0%	-19.0%	-19.7%	1.3%
Lakefront Utilities Inc.	-12.5%	-18.7%	-7.4%	-12.9%	-16.0%	-14.0%	-1.2%
Lakeland Power Distribution Ltd.	na	-6.4%	-0.9%	na	-1.9%	-3.1%	na
London Hydro Inc.	-10.1%	-11.1%	-11.0%	-10.7%	-12.8%	-11.7%	-0.9%
Midland Power Utility Corporation	17.0%	19.6%	18.6%	18.4%	15.2%	17.8%	-0.6%
Milton Hydro Distribution Inc.	-3.0%	-37.6%	-4.5%	-15.0%	-4.0%	-15.4%	-0.3%
Newmarket-Tay Power Distribution Ltd.	-21.0%	-19.5%	-19.5%	-20.0%	-18.6%	-19.2%	0.8%
Niagara Peninsula Energy Inc.	5.2%	10.2%	1.1%	5.5%	7.7%	6.4%	0.9%
Niagara-On-The-Lake Hydro Inc.	6.5%	2.7%	-0.7%	2.8%	-2.8%	-0.3%	-3.1%
Norfolk Power Distribution Inc.	-2.6%	6.0%	1.2%	1.5%	6.5%	4.6%	3.0%
North Bay Hydro Distribution Limited	5.5%	5.8%	5.4%	5.6%	8.2%	6.5%	0.9%
Northern Ontario Wires Inc.	-35.7%	-25.8%	-21.5%	-27.6%	-32.6%	-26.6%	1.0%
Oakville Hydro Electricity Distribution Inc.	12.4%	10.6%	13.8%	12.3%	8.7%	11.0%	-1.2%
Orangeville Hydro Limited	1.6%	0.8%	0.1%	0.8%	-4.0%	-1.0%	-1.9%
Orillia Power Distribution Corporation	-1.9%	-3.7%	-4.7%	-3.5%	-5.3%	-4.6%	-1.1%
Oshawa PUC Networks Inc.	-18.0%	-14.5%	-17.4%	-16.6%	-18.1%	-16.7%	0.0%
Ottawa River Power Corporation	2.7%	0.0%	4.3%	2.3%	-6.9%	-0.9%	-3.2%
Parry Sound Power Corporation	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Peterborough Distribution Incorporated	15.6%	13.2%	14.5%	14.4%	14.5%	14.1%	-0.4%
Powerstream Inc.	-6.4%	1.2%	3.0%	-0.7%	5.6%	3.3%	4.0%

#### Table 3 (A)

## Summary of Cost Performance Results

				Cost Performance	ce		
	2011	2012	2013	2011-2013 Final Results	2014	2012-2014	Difference from 2011- 2013
PUC Distribution Inc.	-5.2%	13.4%	22.7%	10.3%	14.6%	16.9%	6.6%
Renfrew Hydro Inc.	18.3%	18.3%	15.7%	17.5%	10.4%	14.8%	-2.6%
Rideau St. Lawrence Distribution Inc.	-13.8%	-6.7%	-7.2%	-9.3%	-8.1%	-7.4%	1.9%
Sioux Lookout Hydro Inc.	-1.4%	7.2%	2.9%	2.9%	6.2%	5.4%	2.5%
St. Thomas Energy Inc.	-4.5%	6.8%	-0.3%	0.7%	-6.3%	0.1%	-0.6%
Thunder Bay Hydro Electricity Distribution Inc.	8.0%	-2.8%	8.2%	4.5%	7.4%	4.2%	-0.2%
Tillsonburg Hydro Inc.	10.7%	12.2%	19.5%	14.1%	4.4%	12.0%	-2.1%
Toronto Hydro-Electric System Limited	47.7%	45.1%	48.4%	47.1%	49.9%	47.8%	0.7%
Veridian Connections Inc.	-4.5%	2.4%	-4.5%	-2.2%	-3.0%	-1.7%	0.5%
Wasaga Distribution Inc.	-46.3%	-37.8%	-41.6%	-41.9%	-41.6%	-40.3%	1.6%
Waterloo North Hydro Inc.	6.4%	4.3%	10.6%	7.1%	11.0%	8.6%	1.5%
Welland Hydro-Electric System Corp.	-16.2%	-10.4%	-15.2%	-13.9%	-17.3%	-14.3%	-0.4%
Wellington North Power Inc.	18.0%	12.8%	17.7%	16.1%	14.2%	14.9%	-1.3%
West Coast Huron Energy Inc.	16.0%	34.8%	41.4%	30.7%	32.8%	36.3%	5.6%
Westario Power Inc.	-0.2%	-1.4%	2.2%	0.2%	-4.2%	-1.1%	-1.3%
Whitby Hydro Electric Corporation	-3.0%	-7.0%	-5.7%	-5.2%	-6.8%	-6.5%	-1.3%
Woodstock Hydro Services Inc.	32.9%	29.0%	25.9%	29.2%	23.0%	25.9%	-3.3%
Average*	-1.02%	0.83%	-0.03%	-0.07%	-2.35%	-0.52%	-0.44%

\*The sample average does not include the combined Lakeland/Parry company.

na = not applicable. The combined Lakeland/Parry benchmaking result was not calculated for 2011.

### Table 3 (B)

## Summary of the Impact of LDC Data Revisions on Cost Performance Results

	2	013 Cost Performa	nce	2011-2013 Average Cost Performance			
	As Previously Calculated	With LDC Data Revisions	Difference	As Previously Calculated	With LDC Data Revisions	Difference	
Algoma Power Inc.	71.2%	69.1%	-2.1%	68.6%	67.9%	-0.7%	
Atikokan Hydro Inc.	11.6%	10.3%	-1.3%	17.4%	17.0%	-0.4%	
Bluewater Power Distribution Corporation	5.9%	5.9%	0.0%	4.7%	4.7%	0.0%	
Brant County Power Inc.	5.5%	5.5%	0.0%	13.1%	13.1%	0.0%	
Brantford Power Inc.	0.7%	0.7%	0.0%	1.0%	1.0%	0.0%	
Burlington Hydro Inc.	-7.5%	-7.5%	0.0%	-7.9%	-7.9%	0.0%	
Cambridge And North Dumfries Hydro Inc.	0.5%	0.5%	0.0%	-3.5%	-3.5%	0.0%	
Canadian Niagara Power Inc.	13.8%	11.0%	-2.8%	13.2%	12.2%	-0.9%	
Centre Wellington Hydro Ltd.	0.4%	-3.2%	-3.6%	-1.4%	-2.6%	-1.2%	
Chapleau Public Utilities Corporation	20.5%	20.5%	0.0%	19.7%	19.7%	0.0%	
Collus PowerStream Corp.	-12.3%	-12.3%	0.0%	-7.6%	-7.6%	0.0%	
Cooperative Hydro Embrun Inc.	-18.9%	-18.7%	0.2%	-20.7%	-20.7%	0.1%	
E.L.K. Energy Inc.	-33.2%	-33.2%	0.0%	-28.3%	-28.3%	0.0%	
Enersource Hydro Mississauga Inc.	-10.7%	-10.7%	0.0%	-12.1%	-12.1%	0.0%	
Entegrus Powerlines Inc.	-12.5%	-14.7%	-2.1%	-12.3%	-13.0%	-0.7%	
Enwin Utilities Ltd.	10.3%	10.3%	0.0%	17.0%	17.0%	0.0%	
Erie Thames Powerlines Corporation	7.9%	7.9%	0.0%	8.7%	8.7%	0.0%	
Espanola Regional Hydro Distribution Corporation	-19.3%	-19.3%	0.0%	-18.9%	-18.9%	0.0%	
Essex Powerlines Corporation	-17.2%	-17.2%	0.0%	-15.6%	-15.6%	0.0%	
Festival Hydro Inc.	19.6%	19.6%	0.0%	19.3%	19.3%	0.0%	
Fort Frances Power Corporation	6.4%	6.4%	0.0%	9.5%	9.5%	0.0%	
Greater Sudbury Hydro Inc.	4.8%	4.8%	0.0%	11.9%	11.9%	0.0%	
Grimsby Power Incorporated	-16.9%	-16.9%	0.0%	-15.0%	-15.0%	0.0%	
Guelph Hydro Electric Systems Inc.	0.8%	0.8%	0.0%	4.5%	4.5%	0.0%	
Haldimand County Hydro Inc.	-23.7%	-23.7%	0.0%	-22.2%	-22.2%	0.0%	
Halton Hills Hydro Inc.	-35.7%	-35.7%	0.0%	-29.4%	-29.4%	0.0%	
Hearst Power Distribution Company Limited	-33.1%	-33.1%	0.0%	-30.5%	-30.5%	0.0%	
Horizon Utilities Corporation	-5.5%	-5.5%	0.0%	-8.7%	-8.7%	0.0%	

### Table 3 (B)

## Summary of the Impact of LDC Data Revisions on Cost Performance Results

	2	013 Cost Performa	nce	2011-2013 Average Cost Performance			
	As Previously Calculated	With LDC Data Revisions	Difference	As Previously Calculated	With LDC Data Revisions	Difference	
Hydro 2000 Inc.	-1.0%	-1.0%	0.0%	-4.7%	-4.7%	0.0%	
Hydro Hawkesbury Inc.	-51.1%	-51.1%	0.0%	-55.4%	-55.4%	0.0%	
Hydro One Brampton Networks Inc.	-5.7%	-5.7%	0.0%	-7.4%	-7.4%	0.0%	
Hydro One Networks Inc.	27.6%	27.6%	0.0%	47.9%	47.9%	0.0%	
Hydro Ottawa Limited	8.5%	8.5%	0.0%	4.6%	4.6%	0.0%	
Innisfil Hydro Distribution Systems Limited	-2.8%	-2.8%	0.0%	-3.8%	-3.8%	0.0%	
Kenora Hydro Electric Corporation Ltd.	-11.2%	-11.2%	0.0%	-7.0%	-7.0%	0.0%	
Kingston Hydro Corporation	3.7%	3.7%	0.0%	2.8%	2.8%	0.0%	
Kitchener-Wilmot Hydro Inc.	-19.3%	-19.3%	0.0%	-21.0%	-21.0%	0.0%	
Lakefront Utilities Inc.	-7.4%	-7.4%	0.0%	-12.9%	-12.9%	0.0%	
Lakeland Power Distribution Ltd.	-0.9%	-0.9%	na	na	na	na	
London Hydro Inc.	-11.0%	-11.0%	0.0%	-10.7%	-10.7%	0.0%	
Midland Power Utility Corporation	18.6%	18.7%	0.1%	18.4%	18.5%	0.0%	
Milton Hydro Distribution Inc.	-4.5%	-4.6%	-0.1%	-15.0%	-15.1%	0.0%	
Newmarket-Tay Power Distribution Ltd.	-19.5%	-19.5%	0.0%	-20.0%	-20.0%	0.0%	
Niagara Peninsula Energy Inc.	1.1%	1.1%	0.0%	5.5%	5.5%	0.0%	
Niagara-On-The-Lake Hydro Inc.	-0.7%	-1.1%	-0.4%	2.8%	2.7%	-0.1%	
Norfolk Power Distribution Inc.	1.2%	1.2%	0.0%	1.5%	1.5%	0.0%	
North Bay Hydro Distribution Limited	5.4%	5.4%	0.0%	5.6%	5.6%	0.0%	
Northern Ontario Wires Inc.	-21.5%	-25.1%	-3.6%	-27.6%	-28.9%	-1.2%	
Oakville Hydro Electricity Distribution Inc.	13.8%	13.8%	0.0%	12.3%	12.3%	0.0%	
Orangeville Hydro Limited	0.1%	0.1%	0.0%	0.8%	0.8%	0.0%	
Orillia Power Distribution Corporation	-4.7%	-4.7%	0.0%	-3.5%	-3.5%	0.0%	
Oshawa PUC Networks Inc.	-17.4%	-17.4%	0.0%	-16.6%	-16.6%	0.0%	
Ottawa River Power Corporation	4.3%	4.3%	0.0%	2.3%	2.3%	0.0%	
Parry Sound Power Corporation	na	na	na	na	na	na	
Peterborough Distribution Incorporated	14.5%	14.5%	0.0%	14.4%	14.4%	0.0%	
Powerstream Inc.	3.0%	3.0%	0.0%	-0.7%	-0.7%	0.0%	

### Table 3 (B)

## Summary of the Impact of LDC Data Revisions on Cost Performance Results

	2	013 Cost Performa	nce	2011-2013 Average Cost Performance			
	As Previously Calculated	With LDC Data Revisions	Difference	As Previously Calculated	With LDC Data Revisions	Difference	
PUC Distribution Inc.	22.7%	22.7%	0.0%	10.3%	10.3%	0.0%	
Renfrew Hydro Inc.	15.7%	15.7%	0.0%	17.5%	17.5%	0.0%	
Rideau St. Lawrence Distribution Inc.	-7.2%	-7.2%	0.0%	-9.3%	-9.3%	0.0%	
Sioux Lookout Hydro Inc.	2.9%	2.9%	0.0%	2.9%	2.9%	0.0%	
St. Thomas Energy Inc.	-0.3%	-4.6%	-4.3%	0.7%	-0.8%	-1.4%	
Thunder Bay Hydro Electricity Distribution Inc.	8.2%	8.1%	-0.1%	4.5%	4.4%	0.0%	
Tillsonburg Hydro Inc.	19.5%	19.5%	0.0%	14.1%	14.1%	0.0%	
Toronto Hydro-Electric System Limited	48.4%	48.4%	0.0%	47.1%	47.1%	0.0%	
Veridian Connections Inc.	-4.5%	-1.3%	3.2%	-2.2%	-1.1%	1.1%	
Wasaga Distribution Inc.	-41.6%	-41.6%	0.0%	-41.9%	-41.9%	0.0%	
Waterloo North Hydro Inc.	10.6%	10.6%	0.0%	7.1%	7.1%	0.0%	
Welland Hydro-Electric System Corp.	-15.2%	-15.2%	0.0%	-13.9%	-13.9%	0.0%	
Wellington North Power Inc.	17.7%	17.7%	0.0%	16.1%	16.1%	0.0%	
West Coast Huron Energy Inc.	41.4%	41.4%	0.0%	30.7%	30.7%	0.0%	
Westario Power Inc.	2.2%	2.2%	0.0%	0.2%	0.2%	0.0%	
Whitby Hydro Electric Corporation	-5.7%	-5.7%	0.0%	-5.2%	-5.2%	0.0%	
Woodstock Hydro Services Inc.	25.9%	25.9%	0.0%	29.2%	29.2%	0.0%	

# Summary of Stretch Factor Assignments

	2011-	2013	2012-	Change in	
	Benchmarking Performance	Stretch Factor	Benchmarking Performance	Stretch Factor	Stretch Factor
Algoma Power Inc.	68.6%	0.60	68.6%	0.60	NO
Atikokan Hydro Inc.	17.4%	0.45	13.2%	0.45	NO
Bluewater Power Distribution Corporation	4.7%	0.30	4.2%	0.30	NO
Brant County Power Inc.	13.1%	0.45	4.5%	0.30	YES
Brantford Power Inc.	1.0%	0.30	0.6%	0.30	NO
Burlington Hydro Inc.	-7.9%	0.30	-8.6%	0.30	NO
Cambridge And North Dumfries Hydro Inc.	-3.5%	0.30	-1.6%	0.30	NO
Canadian Niagara Power Inc.	13.2%	0.45	12.2%	0.45	NO
Centre Wellington Hydro Ltd.	-1.4%	0.30	-0.8%	0.30	NO
Chapleau Public Utilities Corporation	19.7%	0.45	24.1%	0.45	NO
Collus PowerStream Corp.	-7.6%	0.30	-9.2%	0.30	NO
Cooperative Hydro Embrun Inc.	-20.7%	0.15	-24.98%	0.15	NO
E.L.K. Energy Inc.	-28.3%	0.00	-34.5%	0.00	NO
Enersource Hydro Mississauga Inc.	-12.1%	0.15	-11.4%	0.15	NO
Entegrus Powerlines	-12.3%	0.15	-13.4%	0.15	NO
Enwin Utilities Ltd.	17.0%	0.45	15.0%	0.45	NO
Erie Thames Powerlines Corporation	8.7%	0.30	6.3%	0.30	NO
Espanola Regional Hydro Distribution Corporation	-18.9%	0.15	-20.1%	0.15	NO
Essex Powerlines Corporation	-15.6%	0.15	-14.2%	0.15	NO
Festival Hydro Inc.	19.3%	0.45	18.8%	0.45	NO
Fort Frances Power Corporation	9.5%	0.30	7.9%	0.30	NO
Greater Sudbury Hydro Inc.	11.9%	0.45	12.2%	0.45	NO
Grimsby Power Incorporated	-15.0%	0.15	-14.6%	0.15	NO
Guelph Hydro Electric Systems Inc.	4.5%	0.30	-2.0%	0.30	NO
Haldimand County Hydro Inc.	-22.2%	0.15	-22.0%	0.15	NO
Halton Hills Hydro Inc.	-29.4%	0.00	-31.5%	0.00	NO
Hearst Power Distribution Company Limited	-30.5%	0.00	-28.0%	0.00	NO
Horizon Utilities Corporation	-8.7%	0.30	-5.9%	0.30	NO
Hydro 2000 Inc.	-4.7%	0.30	-5.7%	0.30	NO
Hydro Hawkesbury Inc.	-55.4%	0.00	-57.1%	0.00	NO

# Summary of Stretch Factor Assignments

	2011-2013		2012-	Change in	
	Benchmarking Performance	Stretch Factor	Benchmarking Performance	Stretch Factor	Stretch Factor
Hydro One Brampton Networks Inc.	-7.4%	0.30	-6.0%	0.30	NO
Hydro One Networks Inc.	47.9%	0.60	38.7%	0.60	NO
Hydro Ottawa Limited	4.6%	0.30	9.6%	0.30	NO
Innisfil Hydro Distribution Systems Limited	-3.8%	0.30	-2.7%	0.30	NO
Kenora Hydro Electric Corporation Ltd.	-7.0%	0.30	-9.1%	0.30	NO
Kingston Hydro Corporation	2.8%	0.30	0.8%	0.30	NO
Kitchener-Wilmot Hydro Inc.	-21.0%	0.15	-19.7%	0.15	NO
Lakefront Utilities Inc.	-12.9%	0.15	-14.0%	0.15	NO
Lakeland Power Distribution (2012-2014 average includes Parry Sound)	-10.01%	0.15	-3.1%	0.30	YES
London Hydro Inc.	-10.7%	0.15	-11.7%	0.15	NO
Midland Power Utility Corporation	18.4%	0.45	17.8%	0.45	NO
Milton Hydro Distribution Inc.	-15.0%	0.15	-15.4%	0.15	NO
Newmarket-Tay Power Distribution Ltd.	-20.0%	0.15	-19.2%	0.15	NO
Niagara Peninsula Energy Inc.	5.5%	0.30	6.4%	0.30	NO
Niagara-On-The-Lake Hydro Inc.	2.8%	0.30	-0.3%	0.30	NO
Norfolk Power Distribution Inc.	1.5%	0.30	4.6%	0.30	NO
North Bay Hydro Distribution Limited	5.6%	0.30	6.5%	0.30	NO
Northern Ontario Wires Inc.	-27.6%	0.00	-26.6%	0.00	NO
Oakville Hydro Electricity Distribution Inc.	12.3%	0.45	11.0%	0.45	NO
Orangeville Hydro Limited	0.8%	0.30	-1.0%	0.30	NO
Orillia Power Distribution Corporation	-3.5%	0.30	-4.6%	0.30	NO
Oshawa PUC Networks Inc.	-16.6%	0.15	-16.7%	0.15	NO
Ottawa River Power Corporation	2.3%	0.30	-0.9%	0.30	NO
Parry Sound Power Corporation	7.0%	0.30	na	na	na
Peterborough Distribution Incorporated	14.4%	0.45	14.1%	0.45	NO
Powerstream Inc.	-0.7%	0.30	3.3%	0.30	NO
PUC Distribution Inc.	10.3%	0.45	16.9%	0.45	NO
Renfrew Hydro Inc.	17.5%	0.45	14.8%	0.45	NO
Rideau St. Lawrence Distribution Inc.	-9.3%	0.30	-7.4%	0.30	NO
Sioux Lookout Hydro Inc.	2.9%	0.30	5.4%	0.30	NO

# Summary of Stretch Factor Assignments

	2011-2013		2012-	Change in	
	Benchmarking Performance	Stretch Factor	Benchmarking Performance	Stretch Factor	Stretch Factor
St. Thomas Energy Inc.	0.7%	0.30	0.1%	0.30	NO
Thunder Bay Hydro Electricity Distribution Inc.	4.5%	0.30	4.2%	0.30	NO
Tillsonburg Hydro Inc.	14.1%	0.45	12.0%	0.45	NO
Toronto Hydro-Electric System Limited	47.1%	0.60	47.8%	0.60	NO
Veridian Connections Inc.	-2.2%	0.30	-1.7%	0.30	NO
Wasaga Distribution Inc.	-41.9%	0.00	-40.3%	0.00	NO
Waterloo North Hydro Inc.	7.1%	0.30	8.6%	0.30	NO
Welland Hydro-Electric System Corp.	-13.9%	0.15	-14.3%	0.15	NO
Wellington North Power Inc.	16.1%	0.45	14.9%	0.45	NO
West Coast Huron Energy Inc.	30.7%	0.60	36.3%	0.60	NO
Westario Power Inc.	0.2%	0.30	-1.1%	0.30	NO
Whitby Hydro Electric Corporation	-5.2%	0.30	-6.5%	0.30	NO
Woodstock Hydro Services Inc.	29.2%	0.60	25.9%	0.60	NO

### Stretch Factor Assignments by Group

Group I	Group II	Gr	oup III	Group IV	Group V
Stretch Factor = 0%	Stretch Factor = 0.15%		actor = 0.30%	Stretch Factor = 0.45%	Stretch Factor = 0.60%
E.L.K. Energy Inc.	Cooperative Hydro Embrun Inc.	Bluewater Power Distribution Corporation	Niagara Peninsula Energy Inc.	Atikokan Hydro Inc.	Algoma Power Inc.
Halton Hills Hydro Inc.	Enersource Hydro Mississauga Inc.	Brantford Power Inc.	Niagara-On-The-Lake Hydro Inc.	Canadian Niagara Power Inc.	Hydro One Networks Inc.
Hearst Power Distribution Company Limited	Entegrus Powerlines	Brant County Power Inc.	Norfolk Power Distribution Inc.	Chapleau Public Utilities Corporation	Toronto Hydro-Electric System Limited
Hydro Hawkesbury Inc.	Espanola Regional Hydro Distribution Corporation	Burlington Hydro Inc.	North Bay Hydro Distribution Limited	Enwin Utilities Ltd.	West Coast Huron Energy Inc.
Northern Ontario Wires Inc.	Essex Powerlines Corporation	Cambridge And North Dumfries Hydro Inc.	Orangeville Hydro Limited	Festival Hydro Inc.	Woodstock Hydro Services Inc.
Wasaga Distribution Inc.	Grimsby Power Incorporated	Centre Wellington Hydro Ltd.	Orillia Power Distribution Corporation	Greater Sudbury Hydro Inc.	
	Haldimand County Hydro Inc.	Collus Power Corporation	Ottawa River Power Corporation	Midland Power Utility Corporation	
	Kitchener	Erie Thames Powerlines Corporation	Powerstream Inc.	Oakville Hydro Electricity Distribution Inc.	
	Lakefront Utilities Inc.	Fort Frances Power Corporation	Rideau St. Lawrence Distribution Inc.	Peterborough Distribution Incorporated	
	London Hydro Inc.	Guelph Hydro Electric Systems Inc.	Sioux Lookout Hydro Inc.	PUC Distribution Inc.	
	Milton Hydro Distribution Inc.	Horizon Utilities Corporation	St. Thomas Energy Inc.	Renfrew Hydro Inc.	
	Newmarket	Hydro 2000 Inc.	Thunder Bay Hydro Electricity Distribution Inc.	Tillsonburg Hydro Inc.	
	Oshawa PUC Networks Inc.	Hydro One Brampton Networks Inc.	Veridian Connections Inc.	Wellington North Power	
	Welland Hydro-Electric System Corp.	Hydro Ottawa Limited	Waterloo North Hydro Inc.		
		Innisfil Hydro Distribution Systems Limited	Westario Power Inc.		
		Kenora Hydro Electric Corporation Ltd.	Whitby Hydro Electric Corporation		
		Kingston Hydro Corporation			
		Lakeland Power Distribution Ltd.			

Tab G





Version 4.00

Utility Name	Burlington Hydro Inc.	
Service Territory		
Assigned EB Number	EB-2013-0115	
Name and Title	Kathi Farmer	
Phone Number	905-332-1851 ext 284	
Email Address	kfarmer@burlingtonhydro.com	

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



<u>1. Info</u>	<u>6. Taxes PILs</u>
2. Table of Contents	7. Cost of Capital
3. Data Input Sheet	8. Rev Def Suff
4. Rate Base	9. Rev Reqt
5. Utility Income	

Notes:

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



#### Data Input (1)

		Initial Application	(2)	Adjustments	Interrogatory Responses	(6)	Adjustments	Per Board Decision	
1	Rate Base								
	Gross Fixed Assets (average)	\$248,054,688		(\$1,934,328)	\$ 246,120,360			\$246,120,360	
	Accumulated Depreciation (average)	(\$141,340,625)	(5)	(\$55,495)	(\$141,396,120)		\$28,200	(\$141,367,920)	
	Allowance for Working Capital:								
	Controllable Expenses	\$18,553,350		\$296,515	\$ 18,849,865		(\$1,273,332)	\$17,576,533	
	Cost of Power	\$175,354,241	(0)	\$7,994,559	\$ 183,348,800	(0)	\$7,353,460	\$190,702,260	(0)
	Working Capital Rate (%)	13 00%	(9)		13.00%	(9)		13 00%	(9)
2	Utility Income								
	Operating Revenues:								
	Distribution Revenue at Current Rates	\$29,612,045		\$106,646	\$29,718,690		\$73,973	\$29,792,663	
	Distribution Revenue at Proposed Rates	\$28,856,594		\$873,460	\$29,730,054		(\$894,522)	\$28,835,532	
	Other Revenue: Specific Service Charges	6047.004		<b>60</b>	6047.004		<b>60</b>	6047.004	
	Late Payment Charges	\$817,981 \$241,000		\$0 \$0	\$817,981 \$241.000		\$0 \$0	\$817,981 \$241,000	
	Other Distribution Revenue	\$625.033		\$0 \$0	\$625.033		\$0 \$0	\$625.033	
	Other Income and Deductions	\$254,000		\$0	\$254,000		\$63.000	\$317,000	
		\$201,000		••	4201,000		\$00,000	4011,000	
	Total Revenue Offsets	\$1,938,014	(7)	\$0	\$1,938,014		\$63,000	\$2,001,014	
	Operating Evpended:								
	Operating Expenses: OM+A Expenses	\$18,553,350		\$296,515	\$ 18,849,865		(\$1,162,865)	\$17,687,000	
	Depreciation/Amortization	\$4,182,434		\$290,515	\$ 18,849,865 \$ 4,182,434		(\$1,102,805) (\$56,400)	\$4,126,034	
	Property taxes	\$-			\$ 4,102,434 \$ -		\$273,559	\$273,559	
	Other expenses	•			•		4210,000	4210,000	
3	Taxes/PILs								
	Taxable Income: Adjustments required to arrive at taxable	(\$4,083,678)	(2)		(04 045 000)			(64.004.040)	
	income	(\$4,083,078)	(5)		(\$4,215,029)			(\$4,094,249)	
	Utility Income Taxes and Rates:								
	Income taxes (not grossed up)	\$108,565			\$117,847			\$163,975	
	Income taxes (grossed up)	\$137,696			\$149,985			\$211,146	
	Federal tax (%)	15 00%			15.00%			15 00%	
	Provincial tax (%)	6.16%			6.43%			7 34%	
	Income Tax Credits								
4	Capitalization/Cost of Capital								
	Capital Structure:								
	Long-term debt Capitalization Ratio (%)	56.0%			56.0%			56.0%	
	Short-term debt Capitalization Ratio (%)	4.0%	(8)		4.0%	(8)		4.0%	(8)
	Common Equity Capitalization Ratio (%)	40.0%			40.0%			40.0%	
	Prefered Shares Capitalization Ratio (%)	100.001			100.004			100.00/	
		100.0%			100.0%			100.0%	
	Cost of Capital								
	Long-term debt Cost Rate (%)	4.16%			4.73%			4.73%	
	Short-term debt Cost Rate (%)	2 07%			2.11%			2.11%	
	Common Equity Cost Rate (%)	8 98%			9.36%			9 36%	
	Prefered Shares Cost Rate (%)								

Notes

- Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). General Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.
- (1)
- All inputs are in dollars (\$) except where inputs are individually identified as percentages (%) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., (2) use colimn M and Adjustments in column I
- Net of addbacks and deductions to arrive at taxable income. Average of Gross Fixed Assets at beginning and end of the Test Year
- Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- (3) (4) (5) (6) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected. Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
- (7) (8) (9)
- 4.0% unless an Applicant has proposed or been approved for another amount. Starting with 2013, default Working Capital Allowance factor is 13% (of Cost of Power plus controllable expenses). Alternatively, WCA factor based on lead-lag study or approved WCA factor for another distributor, with supporting rationale



### Rate Base and Working Capital

#### Rate Base

Line No.	Particulars	-	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1 2 3	Gross Fixed Assets (average) Accumulated Depreciation (average) Net Fixed Assets (average)	(3) (3) (3)	\$248,054,688 (\$141,340,625) \$106,714,063	(\$1,934,328) (\$55,495) (\$1,989,823)	\$246,120,360 (\$141,396,120) \$104,724,240	\$ - \$28,200 \$28,200	\$246,120,360 (\$141,367,920) \$104,752,440
4	Allowance for Working Capital	(1)	\$25,207,987	\$1,077,840	\$26,285,826	\$790,417	\$27,076,243
5	Total Rate Base	•	\$131,922,050	(\$911,983)	\$131,010,066	\$818,617	\$131,828,683

#### (1) Allowance for Working Capital - Derivation

6	Controllable Expenses		\$18,553,350	\$296,515	\$18,849,865	(\$1,273,332)	\$17,576,533
7	Cost of Power		\$175,354,241	\$7,994,559	\$183,348,800	\$7,353,460	\$190,702,260
8	Working Capital Base		\$193,907,591	\$8,291,074	\$202,198,665	\$6,080,128	\$208,278,793
9	Working Capital Rate %	(2)	13.00%	0.00%	13.00%	0.00%	13.00%
10	Working Capital Allowance	-	\$25,207,987	\$1,077,840	\$26,285,826	\$790,417	\$27,076,243

#### <u>Notes</u> (2) (3)

Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2014 cost of service applications is 13%.

Average of opening and closing balances for the year.



### Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Operating Revenues Distribution Revenue (at Proposed Rates)	\$28,856,594	\$873,460	\$29,730,054	(\$894,522)	\$28,835,532
2		(1) \$1,938,014	\$ -	\$1,938,014	\$63,000	\$2,001,014
3	Total Operating Revenues	\$30,794,608	\$873,460	\$31,668,068	(\$831,522)	\$30,836,546
4 5 6 7 8	Operating Expenses OM+A Expenses Depreciation/Amortization Property taxes Capital taxes Other expense	\$18,553,350 \$4,182,434 \$ - \$ - \$ - \$ -	\$296,515 \$ - \$ - \$ - \$ - \$ -	\$18,849,865 \$4,182,434 \$ - \$ - \$ -	(\$1,162,865) (\$56,400) \$273,559 \$ - \$ - \$ -	\$17,687,000 \$4,126,034 \$273,559 \$ -
9	Subtotal (lines 4 to 8)	\$22,735,784	\$296,515	\$23,032,299	(\$945,706)	\$22,086,593
10	Deemed Interest Expense	\$3,182,488	\$398,280	\$3,580,767	\$22,374	\$3,603,142
11	Total Expenses (lines 9 to 10)	\$25,918,271	\$694,795	\$26,613,066	(\$923,332)	\$25,689,734
12	Utility income before income taxes	\$4,876,337	\$178,665	\$5,055,002	\$91,810	\$5,146,812
13	Income taxes (grossed-up)	\$137,696	\$12,289	\$149,985	\$61,161	\$211,146
14	Utility net income	\$4 738 640	\$166 377	\$4 905 017	\$30 649	\$4 935 666
<u>Notes</u>	Other Revenues / Reven	ue Offsets				
(1)	Specific Service Charges Late Payment Charges Other Distribution Revenue Other Income and Deductions	\$817,981 \$241,000 \$625,033 \$254,000	\$ - \$ - \$ - \$ - \$ -	\$817,981 \$241,000 \$625,033 \$254,000	\$ - \$ - \$ - \$63,000	\$817,981 \$241,000 \$625,033 \$317,000
	Total Revenue Offsets	\$1 938 014	<b>\$</b> -	\$1 938 014	\$63 000	\$2 001 014



#### Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
	Determination of Taxable Income			
1	Utility net income before taxes	\$4,738,640	\$4,905,017	\$4,935,666
2	Adjustments required to arrive at taxable utility income	(\$4,083,678)	(\$4,215,029)	(\$4,094,249)
3	Taxable income	\$654,962	\$689,988	\$841,417
	Calculation of Utility income Taxes			
4	Income taxes	\$108,565	\$117,847	\$163,975
6	Total taxes	\$108,565	\$117,847	\$163,975
7	Gross-up of Income Taxes	\$29,131	\$32,138	\$47,171
8	Grossed-up Income Taxes	\$137,696	\$149,985	\$211,146
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$137,696	\$149,985	\$211,146
10	O her tax Credits	\$ -	\$ -	\$ -
	Tax Rates			
11 12 13	Federal tax (%) Provincial tax (%) Total tax rate (%)	15.00% 6.16% 21.16%	15.00% 6.43% 21.43%	15.00% 7.34% 22.34%

#### Notes



### Capitalization/Cost of Capital

Line No.	Particulars	Capitali	zation Ratio	Cost Rate	Return
		Initial /	Application		
1 2 3	Debt Long-term Debt Short-term Debt Total Debt	(%) 56.00% 4.00% 60.00%	(\$) \$73,876,348 \$5,276,882 \$79,153,230	(%) 4.16% 2.07% 4.02%	(\$) \$3,073,256 <u>\$109,231</u> \$3,182,488
4 5 6	Equity Common Equity Preferred Shares Total Equity	40.00% 0.00% 40.00%	\$52,768,820 \$ - \$52,768,820	8.98% 0.00% 8.98%	\$4,738,640 \$- \$4,738,640
7	Total	100.00%	\$131,922,050	6.00%	\$7,921,128
		Interrogate	ory Responses		
1 2 3	Debt Long-term Debt Short-term Debt Total Debt	(%) 56.00% 4.00% 60.00%	(\$) \$73,365,637 \$5,240,403 \$78,606,040	(%) 4.73% 2.11% 4.56%	(\$) \$3,470,195 \$110,572 \$3,580,767
4 5 6	Equity Common Equity Preferred Shares Total Equity	40.00% 0.00% 40.00%	\$52,404,027 <u>\$ -</u> \$52,404,027	9.36% 0.00% 9.36%	\$4,905,017 <u>\$ -</u> \$4,905,017
7	Total	100.00%	\$131,010,066	6.48%	\$8,485,784
		Per Boa	ard Decision		
8 9 10	Debt Long-term Debt Short-term Debt Total Debt	(%) 56.00% 4.00% 60.00%	(\$) \$73,824,063 \$5,273,147 \$79,097,210	(%) 4.73% 2.11% 4.56%	(\$) \$3,491,878 \$111,263 \$3,603,142
11 12 13	Equity Common Equity Preferred Shares Total Equity	40.00% 0.00% 40.00%	\$52,731,473 <u>\$ -</u> \$52,731,473	9.36% 0.00% 9.36%	\$4,935,666 \$ - \$4,935,666
14	Total	100.00%	\$131,828,683	6.48%	\$8,538,807

<u>Notes</u> (1)

Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use colimn M and Adjustments in column I



#### **Revenue Deficiency/Sufficiency**

		Initial Application		Interrogatory	Responses	Per Board Decision		
Line No.	Particulars	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	
1 2 3 4	Revenue Deficiency from Below Distribution Revenue Other Operating Revenue Offsets - net Total Revenue	\$29,612,045 \$1,938,014 <u>\$31 550 059</u>	(\$717,401) \$29,573,995 \$1,938,014 \$30,794,608	\$29,718,690 \$1,938,014 \$31 656 704	\$49,545 \$29,680,509 \$1,938,014 \$31 668 068	\$29,792,663 \$2,001,014 \$31 793 677	(\$926,226) \$29,761,758 \$2,001,014 \$30 836 546	
5 6 8	Operating Expenses Deemed Interest Expense Total Cost and Expenses	\$22,735,784 \$3 182 488 \$25,918,271	\$22,735,784 \$3 182 488 \$25,918,271	\$23,032,299 \$3 580 767 \$26,613,066	\$23,032,299 \$3 580 767 \$26,613,066	\$22,086,593 \$3 603 142 \$25,689,734	\$22,086,593 \$3 603 142 \$25,689,734	
9	Utility Income Before Income Taxes	\$5,631,787	\$4,876,337	\$5,043,638	\$5,055,002	\$6,103,943	\$5,146,812	
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$4,083,678)	(\$4,083,678)	(\$4,215,029)	(\$4,215,029)	(\$4,094,249)	(\$4,094,249)	
11	Taxable Income	\$1,548,109	\$792,659	\$828,609	\$839,973	\$2,009,694	\$1,052,563	
12 13	Income Tax Rate Income Tax on Taxable Income	21.16% \$327,521	21.16% \$167,696	21.43% \$177,550	21.43% \$179,985	22.34% \$448,973	22.34% \$235,146	
14 15	Income Tax Credits Utility Net Income	\$ - \$5 304 266	\$ - \$4 738 640	\$ - \$4 866 088	\$ - \$4 905 017	\$ - \$5 654 970	\$ - \$4 935 666	
16	Utility Rate Base	\$131,922,050	\$131,922,050	\$131,010,066	\$131,010,066	\$131,828,683	\$131,828,683	
17	Deemed Equity Portion of Rate Base	\$52,768,820	\$52,768,820	\$52,404,027	\$52,404,027	\$52,731, <mark>4</mark> 73	\$52,731,473	
18	Income/(Equity Portion of Rate Base)	10.05%	<mark>8.98%</mark>	9.29%	9.36%	10.72%	9.36%	
19	Target Return - Equity on Rate Base	8.98%	8.98%	9.36%	9.36%	9.36%	9.36%	
20	Deficiency/Sufficiency in Return on Equity	1.07%	0.00%	-0.07%	0.00%	1.36%	0.00%	
21 22	Indicated Rate of Return Requested Rate of Return on Rate Base	6.43% 6.00%	6.00% 6.00%	6.45% 6.48%	6.48% 6.48%	7.02% 6.48%	6.48% 6.48%	
23	Deficiency/Sufficiency in Rate of Return	0.43%	0.00%	-0.03%	0.00%	0.55%	0.00%	
24 25 26	Target Return on Equity Revenue Deficiency/(Sufficiency) Gross Revenue Deficiency/(Sufficiency)	\$4,738,640 (\$565,626) (\$717,401) (1)	\$4,738,640 \$0	\$4,905,017 \$38,929 \$49,545 (1)	\$4,905,017 \$0	\$4,935,666 (\$719,304) (\$926,226) <b>(1)</b>	\$4,935,666 ( <mark>\$0</mark> )	

Notes (1)

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



#### **Revenue Requirement**

Particulars	Application		Interrogatory Responses		Per Board Decision	
OM&A Expenses	\$18,553,350		\$18,849,865		\$17,687,000	
Amortization/Depreciation	\$4,182,434		\$4,182,434		\$4,126,034	
Property Taxes	\$ -		\$ -		\$273,559	
Income Taxes (Grossed up)	\$137,696		\$149,985		\$211,146	
Other Expenses	\$ -					
Return						
Deemed Interest Expense	\$3,182,488		\$3,580,767		\$3,603,142	
Return on Deemed Equity	\$4,738,640		\$4,905,017		\$4,935,666	
Service Revenue Requirement						
(before Revenues)	\$30,794,608		\$31,668,068		\$30,836,546	
	\$00,101,000		\$01,000,000		\$00,000,0 N	
Revenue Offsets	\$1,938,014		\$1,938,014		\$2,001,014	
Base Revenue Requirement	\$28,856,594		\$29,730,054		\$28,835,532	
(excluding Tranformer Owership						
Allowance credit adjustment)						
Distribution revenue	\$28,856,594		\$29,730,054		\$28,835,532	
Other revenue	\$1,938,014		\$1,938,014		\$2,001,014	
Total revenue	\$30,794,608		\$31,668,068		\$30,836,546	
Difference (Total Revenue Less						
Distribution Revenue Requirement						
before Revenues)	\$0	(1)	\$0	(1)	(\$(	
,	<b>4</b> 0	(.)	<b>4</b> 0		( <b>Φ</b>	

<u>Notes</u> (1)

Line 11 - Line 8