

Reply Submission
2016 IRM Rate Application
Niagara-on-the-Lake Hydro Inc.
EB-2015-0091

Table of Contents

	Page
1. Introduction – Matters in Agreement	2
2. Account 1589 and Account 1576 Rate Rider Options.....	3
3. Account 1589 and Account 1576 Rate Rider Calculations.....	5
4. Updated Bill Impacts.....	8

1. Introduction – Matters in Agreement

NOTL is replying to the submissions to the OEB on December 21, 2015 from OEB staff and VECC. Matters addressed in these submissions with which NOTL is in agreement are:

- Retail Transmission Service Rates:
 - OEB staff will update the rates in the Application based on the Uniform Transmission Rates in place at the time of the OEB's Decision on the Application¹.
- Policy Changes and Rate Mitigation:
 - The increases to the residential monthly fixed charge and to low consumption consumers are consistent with OEB policy².
- Deferral and Variance Account Disposition:
 - NOTL will ensure that RPP settlement true-ups are properly aligned to appropriate years to mitigate volatility in account balances going forward³.
- Account 1576 Supplemental Rate Rider:
 - The new supplemental Account 1576 rate rider for the Residential rate class should be on a fixed basis⁴ and should be rounded to 2 decimal places⁵.
- Shared Tax Adjustments⁶:
 - 15.5% is the appropriate amount against which to evaluate the amount of tax sharing.

¹ OEB staff submission, Page 1

² OEB staff submission, Page 2

³ OEB staff submission, Page 3

⁴ OEB staff submission, Page 5 and VECC submission, Page 3

⁵ OEB staff submission, Page 5

⁶ OEB staff submission, Page 6

2. Account 1589 and Account 1576 Rate Rider Options

In reviewing bill impacts, both the OEB staff and VECC submit options for the OEB’s consideration for the disposition periods for the Global Adjustment (“GA”) Account 1589 and the existing and supplemental Account 1576 rate riders. Their options are summarized in the following Table 1, with the differences between their proposed number of years for 1576 highlighted in yellow, i.e. OEB staff 3 years vs VECC 2 years.

Table 1 – OEB Staff and VECC Submissions

Rate Rider	OEB Staff	VECC
GA Account 1589	Over 2 years	
	All rate classes	
	<i>Reference: OEB Staff Submission Page 3</i>	<i>Reference: VECC Submission Page 5</i>
New Account 1576	Over 3 years	Over 2 years
	All rate classes	
	<i>Reference: OEB Staff Submission Pages 5/6</i>	<i>Reference: VECC Submission Page 5</i>
Existing Account 1576	Over 3 remaining years	Over 2 years
	All rate classes	
	<i>Silent but implied</i>	<i>Reference: VECC Submission Page 5</i>

In NOTL’s Response to OEB staff Interrogatories⁷, we indicated we would be willing to consider these 1589 and 1576 rate riders for the GS> 50kW class as a group of riders, with each rider at 2 years. NOTL is also willing to extend this approach to all rate classes, as proposed by VECC.

⁷ Filed December 7, 2015, Page 20

On this basis, NOTL's reply to the submissions of OEB staff and VECC is to accept and propose for the OEB's consideration the VECC option in the Table above, as summarized in the Table 2 below:

Table 2 – NOTL Reply

Rate Rider	NOTL Reply
GA Account 1589	Over 2 years to April 30, 2018
	All rate classes
New Account 1576	Over 2 years to April 30, 2018
	All rate classes
Existing Account 1576	Over 2 years to April 30, 2018
	All rate classes

3. Account 1589 and Account 1576 Rate Rider Calculations

This Section provides the calculations of the rate riders for the option proposed in Table 2 above.

a) 1576 Calculation

The “original” rate riders approved in the 2014 cost of service application were to recover a balance of (\$893,861) over a 5 year period. At that time, the residential rider was a variable rate. The amount to be recovered over the 1st two years (40%) was (\$357,544). The remainder over the next 3 years (60%) was (\$536,317).

1576: Original Rate Riders

Please indicate the Rate Rider Recovery Period (2014, 2015, 2016, 2017, 2018)

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Balance of Accounts 1575 and 1576	Rate Rider for Accounts	Recovery Years 1 + 2 (40%)	Remainder to Year 5 (60%)	Total
Residential	kWh	66,912,797	-\$ 326,911	- 0.0010	-\$ 130,764	-\$ 196,146	-\$ 326,911
General Service Less Than 50 kW	kWh	35,318,239	-\$ 172,552	- 0.0010	-\$ 69,021	-\$ 103,531	-\$ 172,552
General Service 50 to 4,999 kW	kW	203,974	-\$ 387,642	- 0.3801	-\$ 155,057	-\$ 232,585	-\$ 387,642
Unmetered Scattered Load	kWh	219,430	-\$ 1,072	- 0.0010	-\$ 429	-\$ 643	-\$ 1,072
Street Lighting	kW	3,238	-\$ 5,684	- 0.3511	-\$ 2,274	-\$ 3,411	-\$ 5,684
Total			-\$ 893,861		-\$ 357,544	-\$ 536,317	-\$ 893,861

The amount to be recovered from the supplementary (“new”) 1576 rate riders is (\$202,237)⁸ as tabulated below:

⁸ See Page 3 in NOTL’s Responses to VECC Interrogatories

1576: New Rate Riders

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Balance of Account 1576
Residential	#	7,230	(\$73,964.02)
General Service Less Than 50 kW	kWh	35,318,239	(\$39,040.05)
General Service 50 to 4,999 kW	kW	203,974	(\$87,704.70)
Unmetered Scattered Load	kWh	219,430	(\$242.55)
Street Lighting	kW	3,238	(\$1,286.07)
Total			(\$202,237.38)

Thus the total to be recovered by the combined, original + new 1576 rate riders over the proposed 2 year period is (\$536,317) + (\$202,237) = (\$738,554). The calculation of the combined rate riders is tabulated below.

1576: Original + New Rate Riders

Please indicate the Rate Rider
 Recovery Period (in years)

2

May 1, 2016 to April 30, 2018

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Balance for Recovery	Rate Rider for Account 1576		
Residential	#	7,230	-\$ 270,110	(\$1.56)	Per	Month
General Service Less Than 50 kW	kWh	35,318,239	-\$ 142,571	(\$0.0020)	Per	kWh
General Service 50 to 4,999 kW	kW	203,974	-\$ 320,290	(\$0.7851)	Per	kW
Unmetered Scattered Load	kWh	219,430	-\$ 886	(\$0.0020)	Per	kWh
Street Lighting	kW	3,238	-\$ 4,697	(\$0.7252)	Per	kW
Total			-\$ 738,554			

b) 1589 Calculation

Using Sheet 6 of NOTL's 2016 IRM Rate Generator model as submitted with the Application, the Tabulation below takes the 1-year riders in the Application and adjusts these to 2-year riders by dividing by 2:

Rate Class	Unit	Total Metered		Allocation of Balance in Account 1589 to Non-Class A Customers	Metered kWh or kW for Non-RPP Customers (less WMP if applicable)	Global Adjustment Rate Rider	
		kWh	kW			1 Year	2 Years
RESIDENTIAL	kWh	69,164,029	0	\$ 25,639	2,029,970	\$ 0.0126	\$ 0.0063
GENERAL SERVICE LESS THAN 50 KW	kWh	39,184,628	0	\$ 41,992	3,324,716	\$ 0.0126	\$ 0.0063
GENERAL SERVICE 50 TO 4,999 KW	kW	81,046,957	206,629	\$ 961,032	193,069	\$ 4.9777	\$ 2.4888
UNMETERED SCATTERED LOAD	kWh	237,520	0	\$ -	0	\$ -	\$ -
STREET LIGHTING	kW	1,160,024	3,238	\$ 13,371	2,955	\$ 4.5249	\$ 2.2624

In summary, the proposed rate riders are as tabulated below:

1589: 2 YEAR RATE RIDERS FOR ALL CLASSES			
Rate Class	Unit	Global Adjustment Rate Rider	
		2 Years	
RESIDENTIAL	kWh	\$	0.0063
GENERAL SERVICE LESS THAN 50 KW	kWh	\$	0.0063
GENERAL SERVICE 50 TO 4,999 KW	kW	\$	2.4888
UNMETERED SCATTERED LOAD	kWh	\$	-
STREET LIGHTING	kW	\$	2.2624

4. Updated Bill Impacts

The updated rate class impact summary and details are provided below for:

- Residential RPP
- GS < 50 kW RPP
- GS > 50 kW non-RPP
- Unmetered Scattered Load RPP
- Street Lighting RPP
- Residential RPP 10th percentile (288 kWh)
- Residential Retailer non-RPP 10th percentile (365 kWh)

An Excel model⁹ is also being submitted as part of the reply to assist in the review of these impacts.

[Except for the 1589 and 1576 rate riders, the input data parameters in this Excel model are the same as those underlying the impacts shown in NOTL's response to OEB Staff Interrogatories, Pages 13 to 19]

Summary

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total		Special (see OEB IR 4e)		
		A		B		C		A + B + C		Change in C / Current Total exc. OCEB		
		\$	%	\$	%	\$	%	\$	%	C	Current exc OCEB	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.44	1.52%	-\$ 3.36	-10.43%	-\$ 3.36	-8.47%	\$ 5.07	3.77%	-\$ 3.36	\$ 149.14	-2.25%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 0.89	1.42%	-\$ 8.75	-12.55%	-\$ 8.75	-10.06%	\$ 26.67	8.27%	-\$ 8.75	\$ 358.53	-2.44%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 10.53	1.64%	\$ 503.44	255.66%	\$ 499.36	72.00%	\$ 511.73	6.50%	\$499.36	\$ 7,867.04	6.35%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.44	1.68%	-\$ 4.80	-16.08%	-\$ 4.80	-12.76%	\$ 10.88	7.56%	-\$ 4.80	\$ 159.76	-3.00%
STREET LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$ 0.21	1.82%	-\$ 0.04	-0.31%	-\$ 0.04	-0.33%	\$ 2.02	10.96%	-\$ 0.04	\$ 20.50	-0.19%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 2.03	9.19%	-\$ 0.34	-1.43%	-\$ 0.34	-1.28%	\$ 4.20	6.91%	-\$ 0.34	\$ 67.58	-0.50%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 1.79	7.74%	\$ 3.88	17.23%	\$ 3.88	14.97%	\$ 9.06	13.55%	\$ 3.88	\$ 74.28	5.23%

⁹ NOTL_Reply Submission_Bill Impacts_20160114.xlsx

Residential RPP

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	800	kWh
Demand	-	kW
Current Loss Factor	1.0379	
Proposed/Approved Loss Factor	1.0379	
Ontario Clean Energy Benefit Applied?	Yes	

	Current Board-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.17	1	\$ 18.17	\$ 20.96	1	\$ 20.96	\$ 2.79	15.35%
Distribution Volumetric Rate	\$ 0.0128	800	\$ 10.24	\$ 0.0097	800	\$ 7.76	-\$ 2.48	-24.22%
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.13	1	\$ 0.13	\$ 0.13	
Volumetric Rate Riders	\$ 0.0007	800	\$ 0.56	\$ 0.0007	800	\$ 0.56	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 28.97			\$ 29.41	\$ 0.44	1.52%
Line Losses on Cost of Power	\$ 0.1021	30	\$ 3.10	\$ 0.1021	30	\$ 3.10	\$ -	0.00%
Total Deferral/Variance Account Rate Riders exc 1589 (exc 1576 in 2016)	-\$ 0.0008	800	-\$ 0.64	-\$ 0.0036	800	-\$ 2.88	-\$ 2.24	350.00%
GA Rate Rider	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
Combined 1576 rate rider (2 years)				-\$ 1.5600	1	-\$ 1.56	-\$ 1.56	
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-Total A)			\$ 32.22			\$ 28.86	-\$ 3.36	-10.43%
RTSR - Network	\$ 0.0076	830	\$ 6.31	\$ 0.0075	830	\$ 6.23	-\$ 0.08	-1.32%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0014	830	\$ 1.16	\$ 0.0015	830	\$ 1.25	\$ 0.08	7.14%
Sub-Total C - Delivery (including Sub-Total B)			\$ 39.69			\$ 36.33	-\$ 3.36	-8.47%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	830	\$ 3.65	\$ 0.0036	830	\$ 2.99	-\$ 0.66	-18.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	830	\$ 1.08	\$ 0.0013	830	\$ 1.08	\$ -	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 (OESP)				\$ 0.0011	830	\$ 0.91	\$ 0.91	
TOU - Off Peak	\$ 0.0800	512	\$ 40.96	\$ 0.0800	512	\$ 40.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1220	144	\$ 17.57	\$ 0.1220	144	\$ 17.57	\$ -	0.00%
TOU - On Peak	\$ 0.1610	144	\$ 23.18	\$ 0.1610	144	\$ 23.18	\$ -	0.00%
Non-RPP Retailer Avg. Price			\$ -	\$ -	800	\$ -	\$ -	
Average IESO Wholesale Market Price			\$ -	\$ -	800	\$ -	\$ -	
Total Bill on TOU (before Taxes)			\$ 131.98			\$ 123.27	-\$ 8.71	-6.60%
HST	13%		\$ 17.16	13%		\$ 16.03	-\$ 1.13	-6.60%
Total Bill (including HST)			\$ 149.14			\$ 139.30	-\$ 9.84	-6.60%
Ontario Clean Energy Benefit ¹			-\$ 14.91			\$ 14.91	\$ 14.91	-100.00%
Total Bill on TOU			\$ 134.23			\$ 139.30	\$ 5.07	3.77%

GS < 50 kW RPP

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0379	
Proposed/Approved Loss Factor	1.0379	
Ontario Clean Energy Benefit Applied?	Yes	

	Current Board-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 37.76	1	\$ 37.76	\$ 38.25	1	\$ 38.25	\$ 0.49	1.30%
Distribution Volumetric Rate	\$ 0.0113	2000	\$ 22.60	\$ 0.0114	2000	\$ 22.80	\$ 0.20	0.88%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0012	2000	\$ 2.40	\$ 0.0013	2000	\$ 2.60	\$ 0.20	8.33%
Sub-Total A (excluding pass through)			\$ 62.76			\$ 63.65	\$ 0.89	1.42%
Line Losses on Cost of Power	\$ 0.1021	76	\$ 7.74	\$ 0.1021	76	\$ 7.74	\$ -	0.00%
Total Deferral/Variance Account Rate Riders exc 1589 (exc 1576 in 2016)	-\$ 0.0008	2,000	-\$ 1.60	-\$ 0.0036	2,000	-\$ 7.20	-\$ 5.60	350.00%
GA Rate Rider	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Combined 1576 rate rider (2 years)				-\$ 0.0020	2,000	-\$ 4.04	-\$ 4.04	
Low Voltage Service Charge		2,000	\$ -		2,000	\$ -	\$ -	
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)			\$ 69.69			\$ 60.95	-\$ 8.75	-12.55%
RTSR - Network	\$ 0.0069	2,076	\$ 14.32	\$ 0.0068	2,076	\$ 14.12	-\$ 0.21	-1.45%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0014	2,076	\$ 2.91	\$ 0.0015	2,076	\$ 3.11	\$ 0.21	7.14%
Sub-Total C - Delivery (including Sub-Total B)			\$ 86.92			\$ 78.17	-\$ 8.75	-10.06%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	2,076	\$ 9.13	\$ 0.0036	2,076	\$ 7.47	-\$ 1.66	-18.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,076	\$ 2.70	\$ 0.0013	2,076	\$ 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 (OESP)				\$ 0.0011	2,076	\$ 2.28	\$ 2.28	
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%
Non-RPP Retailer Avg. Price			\$ -	\$ -		\$ -	\$ -	
Average IESO Wholesale Market Price			\$ -	\$ -		\$ -	\$ -	
Total Bill on TOU (before Taxes)			\$ 317.28			\$ 309.16	-\$ 8.12	-2.56%
HST	13%		\$ 41.25	13%		\$ 40.19	-\$ 1.06	-2.56%
Total Bill (including HST)			\$ 358.53			\$ 349.35	-\$ 9.18	-2.56%
Ontario Clean Energy Benefit ¹			-\$ 35.85			\$ 35.85	\$ 35.85	-100.00%
Total Bill on TOU			\$ 322.68			\$ 349.35	\$ 26.67	8.27%

GS > 50 kW non-RPP

Customer Class:	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	56,000	kWh
Demand	150	kW
Current Loss Factor	1.0379	
Proposed/Approved Loss Factor	1.0379	
Ontario Clean Energy Benefit Applied?	No	

	Current Board-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 269.88	1	\$ 269.88	\$ 273.39	1	\$ 273.39	\$ 3.51	1.30%
Distribution Volumetric Rate	\$ 2.1298	150	\$ 319.47	\$ 2.1575	150	\$ 323.63	\$ 4.16	1.30%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.3483	150	\$ 52.25	\$ 0.3674	150	\$ 55.11	\$ 2.87	5.48%
Sub-Total A (excluding pass through)			\$ 641.60			\$ 652.13	\$ 10.53	1.64%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders exc 1589 (exc 1576 in 2016)	-\$ 0.3182	150	-\$ 47.73	-\$ 1.3821	150	-\$ 207.32	-\$ 159.59	334.36%
GA Rate Rider number of years 2	-\$ 2.6463	150	-\$ 396.95	\$ 2.4888	150	\$ 373.32	\$ 770.27	-194.05%
Combined 1576 rate rider (2 years)				-\$ 0.7851	150	-\$ 117.77	-\$ 117.77	
Low Voltage Service Charge		150	\$ -		150	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 196.92			\$ 700.36	\$ 503.44	255.66%
RTSR - Network	\$ 2.8188	150	\$ 422.82	\$ 2.7690	150	\$ 415.35	-\$ 7.47	-1.77%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.4921	150	\$ 73.82	\$ 0.5147	150	\$ 77.21	\$ 3.39	4.59%
Sub-Total C - Delivery (including Sub-Total B)			\$ 693.56			\$ 1,192.91	\$ 499.36	72.00%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	58,122	\$ 255.74	\$ 0.0036	58,122	\$ 209.24	-\$ 46.50	-18.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	58,122	\$ 75.56	\$ 0.0013	58,122	\$ 75.56	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	56,000	\$ 392.00	\$ 0.0070	56,000	\$ 392.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)				\$ 0.0011	58,122	\$ 63.93	\$ 63.93	
TOU - Off Peak			\$ -			\$ -	\$ -	
TOU - Mid Peak			\$ -			\$ -	\$ -	
TOU - On Peak			\$ -			\$ -	\$ -	
Non-RPP Retailer Avg. Price			\$ -	\$ -		\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.0954	58,122	\$ 5,544.88	\$ 0.0954	58,122	\$ 5,544.88	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 6,961.98			\$ 7,414.84	\$ 452.86	6.50%
HST	13%		\$ 905.06	13%		\$ 963.93	\$ 58.87	6.50%
Total Bill (including HST)			\$ 7,867.04			\$ 8,378.77	\$ 511.73	6.50%
Ontario Clean Energy Benefit ¹			\$ -			\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 7,867.04			\$ 8,378.77	\$ 511.73	6.50%

Unmetered Scattered Load RPP

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	900	kWh
Demand	-	kW
Current Loss Factor	1.0379	
Proposed/Approved Loss Factor	1.0379	
Ontario Clean Energy Benefit Applied?	Yes	

	Current Board-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 20.31	1	\$ 20.31	\$ 20.57	1	\$ 20.57	\$ 0.26	1.28%
Distribution Volumetric Rate	\$ 0.0061	900	\$ 5.49	\$ 0.0062	900	\$ 5.58	\$ 0.09	1.64%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0005	900	\$ 0.45	\$ 0.0006	900	\$ 0.54	\$ 0.09	20.00%
Sub-Total A (excluding pass through)			\$ 26.25			\$ 26.69	\$ 0.44	1.68%
Line Losses on Cost of Power	\$ 0.1021	34	\$ 3.48	\$ 0.1021	34	\$ 3.48	\$ -	0.00%
Total Deferral/Variance Account Rate Riders exc 1589 (exc 1576 in 2016)	\$ 0.0001	900	\$ 0.09	-\$ 0.0037	900	-\$ 3.33	-\$ 3.42	-3800%
GA Rate Rider	\$ -	900	\$ -	\$ -	900	\$ -	\$ -	
Combined 1576 rate rider (2 years)				-\$ 0.0020	900	-\$ 1.82	-\$ 1.82	
Low Voltage Service Charge		900	\$ -		900	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 29.82			\$ 25.03	-\$ 4.80	-16.08%
RTSR - Network	\$ 0.0069	934	\$ 6.45	\$ 0.0068	934	\$ 6.35	-\$ 0.09	-1.45%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0014	934	\$ 1.31	\$ 0.0015	934	\$ 1.40	\$ 0.09	7.14%
Sub-Total C - Delivery (including Sub-Total B)			\$ 37.58			\$ 32.78	-\$ 4.80	-12.76%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	934	\$ 4.11	\$ 0.0036	934	\$ 3.36	-\$ 0.75	-18.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	934	\$ 1.21	\$ 0.0013	934	\$ 1.21	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	900	\$ 6.30	\$ 0.0070	900	\$ 6.30	\$ -	0.00%
Ontario Electricity Support Program (OESP)				\$ 0.0011	934	\$ 1.03	\$ 1.03	
TOU - Off Peak	\$ 0.0800	576	\$ 46.08	\$ 0.0800	576	\$ 46.08	\$ -	0.00%
TOU - Mid Peak	\$ 0.1220	162	\$ 19.76	\$ 0.1220	162	\$ 19.76	\$ -	0.00%
TOU - On Peak	\$ 0.1610	162	\$ 26.08	\$ 0.1610	162	\$ 26.08	\$ -	0.00%
Non-RPP Retailer Avg. Price			\$ -	\$ -		\$ -	\$ -	
Average IESO Wholesale Market Price			\$ -	\$ -		\$ -	\$ -	
Total Bill on TOU (before Taxes)			\$ 141.38			\$ 136.86	-\$ 4.52	-3.19%
HST	13%		\$ 18.38	13%		\$ 17.79	-\$ 0.59	-3.19%
Total Bill (including HST)			\$ 159.76			\$ 154.65	-\$ 5.10	-3.19%
Ontario Clean Energy Benefit ¹			-\$ 15.98			\$ 15.98	\$ 15.98	-100.00%
Total Bill on TOU			\$ 143.78			\$ 154.65	\$ 10.88	7.56%

Street Lighting RPP

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	50	kWh
Demand	0.14	kW
Current Loss Factor	1.0379	
Proposed/Approved Loss Factor	1.0379	
Ontario Clean Energy Benefit Applied?	Yes	

	Current Board-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.52	1	\$ 7.52	\$ 7.62	1	\$ 7.62	\$ 0.10	1.33%
Distribution Volumetric Rate	\$ 29.4112	0.14	\$ 4.12	\$ 29.7935	0.14	\$ 4.17	\$ 0.05	1.30%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0.14	\$ -	\$ 0.4126	0.14	\$ 0.06	\$ 0.06	
Sub-Total A (excluding pass through)			\$ 11.64			\$ 11.85	\$ 0.21	1.82%
Line Losses on Cost of Power	\$ 0.1021	2	\$ 0.19	\$ 0.1021	2	\$ 0.19	\$ -	0.00%
Total Deferral/Variance Account Rate Riders exc 1589 (exc 1576 in 2016)	-\$ 0.2938	0.14	-\$ 0.04	-\$ 1.3409	0.14	-\$ 0.19	-\$ 0.15	356.40%
GA Rate Rider	\$ -	0	\$ -	\$ -	0.14	\$ -	\$ -	
Combined 1576 rate rider (2 years)				-\$ 0.7252	0.14	-\$ 0.10	-\$ 0.10	
Low Voltage Service Charge		0	\$ -		0	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 11.79			\$ 11.75	-\$ 0.04	-0.31%
RTSR - Network	\$ 2.1255	0.14	\$ 0.30	\$ 2.0879	0.14	\$ 0.29	-\$ 0.01	-1.77%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.3805	0.14	\$ 0.05	\$ 0.3980	0.14	\$ 0.06	\$ 0.00	4.60%
Sub-Total C - Delivery (including Sub-Total B)			\$ 12.14			\$ 12.10	-\$ 0.04	-0.33%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	52	\$ 0.23	\$ 0.0036	52	\$ 0.19	-\$ 0.04	-18.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	52	\$ 0.07	\$ 0.0013	52	\$ 0.07	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	50	\$ 0.35	\$ 0.0070	50	\$ 0.35	\$ -	0.00%
Ontario Electricity Support Program (OESP)				\$ 0.0011	52	\$ 0.06	\$ 0.06	
TOU - Off Peak	\$ 0.0800	32	\$ 2.56	\$ 0.0800	32	\$ 2.56	\$ -	0.00%
TOU - Mid Peak	\$ 0.1220	9	\$ 1.10	\$ 0.1220	9	\$ 1.10	\$ -	0.00%
TOU - On Peak	\$ 0.1610	9	\$ 1.45	\$ 0.1610	9	\$ 1.45	\$ -	0.00%
Non-RPP Retailer Avg. Price			\$ -	\$ -		\$ -	\$ -	
Average IESO Wholesale Market Price			\$ -	\$ -		\$ -	\$ -	
Total Bill on TOU (before Taxes)			\$ 18.14			\$ 18.12	-\$ 0.02	-0.13%
HST	13%		\$ 2.36	13%		\$ 2.36	-\$ 0.00	-0.13%
Total Bill (including HST)			\$ 20.50			\$ 20.48	-\$ 0.03	-0.13%
Ontario Clean Energy Benefit ¹			-\$ 2.05			\$ 2.05	\$ 2.05	-100.00%
Total Bill on TOU			\$ 18.45			\$ 20.48	\$ 2.02	10.96%

Residential RPP 10th percentile (288 kWh)

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		10th Percentile
RPP / Non-RPP:	RPP		
Consumption	288	kWh	
Demand	-	kW	
Current Loss Factor	1.0379		
Proposed/Approved Loss Factor	1.0379		
Ontario Clean Energy Benefit Applied?	Yes		

	Current Board-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.17	1	\$ 18.17	\$ 20.96	1	\$ 20.96	\$ 2.79	15.35%
Distribution Volumetric Rate	\$ 0.0128	288	\$ 3.69	\$ 0.0097	288	\$ 2.79	-\$ 0.89	-24.22%
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.13	1	\$ 0.13	\$ 0.13	
Volumetric Rate Riders	\$ 0.0007	288	\$ 0.20	\$ 0.0007	288	\$ 0.20	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 22.06			\$ 24.09	\$ 2.03	9.19%
Line Losses on Cost of Power	\$ 0.1021	11	\$ 1.11	\$ 0.1021	11	\$ 1.11	\$ -	0.00%
Total Deferral/Variance Account Rate Riders exc 1589 (exc 1576 in 2016)	-\$ 0.0008	288	-\$ 0.23	-\$ 0.0036	288	-\$ 1.04	-\$ 0.81	350.00%
GA Rate Rider	\$ -	288	\$ -	\$ -	288	\$ -	\$ -	
Combined 1576 rate rider (2 years)				-\$ 1.5600	1	-\$ 1.56	-\$ 1.56	
Low Voltage Service Charge		288	\$ -		288	\$ -	\$ -	
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)			\$ 23.73			\$ 23.39	-\$ 0.34	-1.43%
RTSR - Network	\$ 0.0076	299	\$ 2.27	\$ 0.0075	299	\$ 2.24	-\$ 0.03	-1.32%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0014	299	\$ 0.42	\$ 0.0015	299	\$ 0.45	\$ 0.03	7.14%
Sub-Total C - Delivery (including Sub-Total B)			\$ 26.42			\$ 26.08	-\$ 0.34	-1.28%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	299	\$ 1.32	\$ 0.0036	299	\$ 1.08	-\$ 0.24	-18.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	299	\$ 0.39	\$ 0.0013	299	\$ 0.39	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	288	\$ 2.02	\$ -	288	\$ -	-\$ 2.02	-100.00%
Ontario Electricity Support Program (OESP)				\$ 0.0011	299	\$ 0.33	\$ 0.33	
TOU - Off Peak	\$ 0.0800	184	\$ 14.75	\$ 0.0800	184	\$ 14.75	\$ -	0.00%
TOU - Mid Peak	\$ 0.1220	52	\$ 6.32	\$ 0.1220	52	\$ 6.32	\$ -	0.00%
TOU - On Peak	\$ 0.1610	52	\$ 8.35	\$ 0.1610	52	\$ 8.35	\$ -	0.00%
Non-RPP Retailer Avg. Price			\$ -	\$ -		\$ -	\$ -	
Average IESO Wholesale Market Price			\$ -	\$ -		\$ -	\$ -	
Total Bill on TOU (before Taxes)			\$ 59.81			\$ 57.54	-\$ 2.27	-3.79%
HST	13%		\$ 7.78	13%		\$ 7.48	-\$ 0.29	-3.79%
Total Bill (including HST)			\$ 67.58			\$ 65.02	-\$ 2.56	-3.79%
Ontario Clean Energy Benefit ¹			-\$ 6.76			\$ 6.76	\$ 6.76	-100.00%
Total Bill on TOU			\$ 60.82			\$ 65.02	\$ 4.20	6.91%

Residential Retailer non-RPP 10th percentile (365 kWh)

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	10th Percentile
RPP / Non-RPP:	Non-RPP Retailer	
Consumption	365 kWh	
Demand		kW
Current Loss Factor	1.0379	
Proposed/Approved Loss Factor	1.0379	
Ontario Clean Energy Benefit Applied?	Yes	

	Current Board-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.17	1	\$ 18.17	\$ 20.96	1	\$ 20.96	\$ 2.79	15.35%
Distribution Volumetric Rate	\$ 0.0128	365	\$ 4.67	\$ 0.0097	365	\$ 3.54	-\$ 1.13	-24.22%
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.13	1	\$ 0.13	\$ 0.13	
Volumetric Rate Riders	\$ 0.0007	365	\$ 0.26	\$ 0.0007	365	\$ 0.26	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 23.10			\$ 24.89	\$ 1.79	7.74%
Line Losses on Cost of Power	\$ 0.0954	14	\$ 1.32	\$ 0.0954	14	\$ 1.32	\$ -	0.00%
Total Deferral/Variance Account Rate Riders exc 1589 (exc 1576 in 2016)	-\$ 0.0008	365	-\$ 0.29	-\$ 0.0036	365	-\$ 1.31	-\$ 1.02	350.00%
GA Rate Rider number of years 2	-\$ 0.0065	365	-\$ 2.37	\$ 0.0063	365	\$ 2.31	\$ 4.68	-197.16%
Combined 1576 rate rider (2 years)				-\$ 1.5600	1	-\$ 1.56	-\$ 1.56	
Low Voltage Service Charge		365	\$ -		365	\$ -	\$ -	
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)			\$ 22.54			\$ 26.43	\$ 3.88	17.23%
RTSR - Network	\$ 0.0076	379	\$ 2.88	\$ 0.0075	379	\$ 2.84	-\$ 0.04	-1.32%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0014	379	\$ 0.53	\$ 0.0015	379	\$ 0.57	\$ 0.04	7.14%
Sub-Total C - Delivery (including Sub-Total B)			\$ 25.95			\$ 29.84	\$ 3.88	14.97%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	379	\$ 1.67	\$ 0.0036	379	\$ 1.36	-\$ 0.30	-18.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	379	\$ 0.49	\$ 0.0013	379	\$ 0.49	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	365	\$ 2.56	\$ -	365	\$ -	-\$ 2.56	-100.00%
Ontario Electricity Support Program (OESP)				\$ 0.0011	379	\$ 0.42	\$ 0.42	
Non-RPP Retailer Avg. Price	\$ 0.0954	365	\$ 34.82	\$ 0.0954	365	\$ 34.82	\$ -	0.00%
Total Bill (before Taxes)			\$ 65.74			\$ 67.18	\$ 1.44	2.19%
HST	13%		\$ 8.55	13%		\$ 8.73	\$ 0.19	2.19%
Total Bill (including HST)			\$ 74.28			\$ 75.91	\$ 1.63	2.19%
Ontario Clean Energy Benefit ¹			-\$ 7.43			\$ 7.43	-\$ 7.43	-100.00%
Total Bill			\$ 66.85			\$ 75.91	\$ 9.06	13.55%

END