

Niagara On-The-Lake HYDRO

March 31, 2014

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319
2300 Yonge Street
Toronto ON M4P 1E4

Via Courier and RESS

**Niagara-on-the-Lake Hydro Inc. 2014 COS Rate Application
OEB Case EB-2013-0155**

Dear Ms. Walli

Niagara-on-the-Lake Hydro Inc. is pleased to submit the enclosed written Reply to the Submissions of the Intervenors (VECC and Energy Probe) and Board staff regarding the unsettled matter:

- Eligibility of NOTL Hydro's Smart Grid Project for recording in the Green Energy/Smart Grid variance accounts

Yours truly



Mike Galloway, President
Encl.

Cc

David Macintosh and Randy Aiken for Energy Probe
Michael Janigan, Mark Garner, Bill Harper and Donna Brady for VECC
Stephen Vetsis for OEB staff
Paul Vlahos, Facilitator

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**Reply Submission
to Submissions on Unsettled Matter**

2014 Electricity Distribution Rates

**Niagara-on-the-Lake Hydro Inc.
EB-2013-0155**

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Revised EDDVAR modelSubmitted via RESS

1. Introduction

NOTL Hydro filed the Settlement Proposal on March 22, 2014, resulting from the Settlement conference held on February 19 and 20, 2014. The Parties settled all issues with the exception of one. Parties indicated that they were unable to agree whether balances recorded in Account 1535 – Smart Grid OM&A Deferral Account were eligible for recovery. Parties agreed that an interpretation of the eligibility requirement by the Board was required to resolve this matter.

NOTL Hydro provided its written submission in Appendix 1 of the Settlement Proposal filed on March 22, 2014. The intervenors and Board staff provided their written submissions on the unsettled matter on March 27, 2014.

NOTL Hydro has reviewed the intervenors' and Board staff's arguments regarding the unsettled matter and is appreciative of the time the parties spent in reviewing and assessing NOTL's evidence in detail. NOTL Hydro made the request for disposition of the balance in Account 1535 in good faith, but the parties' arguments have brought to our attention aspects that NOTL Hydro was not fully aware of.

NOTL Hydro is providing below its written reply submission.

2. Reply Argument

Smart Switch Installation in Old Town Area

NOTL hydro appreciates the Board staff agreement with the NOTL Hydro position that the eligibility of the smart grid projects identified should be based on the policy that was in effect when the investments were made. However, based on a review of the parties' arguments, NOTL Hydro understands and accepts the staff submission that the Board not approve the recovery of any of the OM&A expenses and associated depreciation in Account 1535 related to the installation of smart switches, as the underlying capital expenditures in Account 1534 do not meet the limited eligibility criteria that were in place at the time the project was completed.

Residential Behind the Meter Load Control Project

As a result of the review of the detailed observations of the intervenors and in the Board staff submission, NOTL Hydro understands and accepts that the \$46,000 in OM&A and associated interest to April 30, 2014 should not be allowed for recovery as NOTL Hydro has not provided sufficient evidentiary support that the expenditures were incremental to costs built in to rates, prudently incurred and that they met the requirements set out by the Board at the time the project was undertaken.

Summary

As a result of acceptance of the parties' arguments cited above, the desire to avoid unnecessary demand on the Board's time and costs going forward, and recognizing the financial benefit to customers that would be realized, NOTL wishes to withdraw its request to recover a \$133,025 debit balance in Account 1535 – Smart Grid OM&A Deferral Account. This debit balance included \$84,585 in OM&A expenses for demonstration projects¹, \$44,242 in accumulated depreciation for the assets included in Account 1534 and \$4,198 in interest to April 30, 2014. NOTL Hydro will make the necessary accounting adjustments in its 2013 financial statements² to move the appropriate amounts from Account 1535 to regular OM&A and depreciation accounts.

¹ On page 2 of Appendix 1 of the Settlement Proposal, we stated "Upon completing the system installation in 2011, NOTL Hydro was invited (and accepted) to speak at a North American technical conference in Montreal hosted by Hydro Quebec and share our experience to the audience". In their Reply Argument 3.6, VECC stated that "... even if the Board were inclined to find the automated switches as a smart grid investment it does not follow that costs to "show off" this investment should be recovered from ratepayers". NOTL Hydro wishes to place on record through this footnote that the speaking engagement was completely funded by the conference organizers. We were not seeking cost recovery for conference participation costs. The statement was included to indicate that our endeavour was a 'demonstration' project. With regard to the characterization of "showing off", LDCs have a strong propensity to share their experiences and technological advancements with colleagues as a means of providing experiences and information that can ultimately benefit all customers in Ontario and beyond.

² The 2013 Audit process is ongoing at this time so that the accounting adjustments can be made before the finalization of the Financial statements.

3. Revised Deferral and Variance Account (“DVA”) Rate Riders

As a result of the withdrawal of the request regarding Account 1535, the allocations of DVA Group 2 (excluding 1568 and 1592) balances to rate classes are revised. The Table 9.3.6 originally provided in Exhibit 9 Tab 3 Schedule 2 is revised³ as follows, which reflects a decrease of \$133,025 in the amount to be recovered in rate riders from \$439,305 to \$306,280.

Revised Table 9.3.6 Group 2 Balances and Allocations – Excluding 1568 and 1592

Allocators	Other Regulatory Assets - Sub- Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act	Retail Cost Variance Account - Retail	Smart Grid OM&A Deferral Account	Retail Cost Variance Account - STR	Extra-Ordinary Event Costs	RSVA - One-time	Total
Accounts	1508	1518	1535	1548	1572	1582	
Claim	\$ 144	\$ 83,388	\$ -	\$ 154,289	\$ 55,839	\$ 12,621	\$ 306,281
Allocators	Distribution Rev.	# of Customers	kWh	# of Customers	Distribution Rev.	kWh	
Residential	\$ 71	\$ 69,216		\$ 128,067	\$ 27,690	\$ 4,616	\$ 229,659
General Service Less Than 50 kW	\$ 37	\$ 12,710		\$ 23,517	\$ 14,192	\$ 2,436	\$ 52,892
General Service 50 to 4,999 kW	\$ 30	\$ 1,188		\$ 2,198	\$ 11,467	\$ 5,473	\$ 20,356
Unmetered Scattered Load	\$ 0	\$ 223		\$ 413	\$ 191	\$ 15	\$ 843
Street Lighting	\$ 6	\$ 51		\$ 94	\$ 2,299	\$ 80	\$ 2,530
Total	\$ 144	\$ 83,388	\$ -	\$ 154,289	\$ 55,839	\$ 12,621	\$ 306,280

The Table 9.3.9 originally provided in Exhibit 9 Tab 3 Schedule 2, which shows rate riders by class for Group 1 and 2 accounts excluding Non-RPP Global adjustment, is revised⁴ as follows:

³ Revisions in yellow

⁴ Revisions in yellow

Revised Table 9.3.9 2014 DVA Rate Riders by Class

Rate Class	Group 1 Accounts	Group 2 Accounts exc. 1568 and 1592	Group 2 Accounts 1568 and 1592	Total	2012 Actual Load Data	Billing Factor	Rate
Residential	\$ (297,907)	\$ 229,659	\$ (14,783)	\$ (83,031)	66,912,797	kWh	\$ (0.0012)
General Service Less Than 50 kW	\$ (157,192)	\$ 52,892	\$ 9,250	\$ (95,049)	35,318,239	kWh	\$ (0.0027)
General Service 50 to 4,999 kW	\$ (353,154)	\$ 20,356	\$ (8,578)	\$ (341,377)	203,974	kW	\$ (1.6737)
Unmetered Scattered Load	\$ (981)	\$ 843	\$ (150)	\$ (287)	219,430	kWh	\$ (0.0013)
Street Lighting	\$ (5,165)	\$ 2,530	\$ (1,800)	\$ (4,436)	3,238	kW	\$ (1.3699)
Total	\$ (814,400)	\$ 306,280	\$ (16,061)	\$ (524,180)			

A revised EDDVAR model is being provided separately via RESS. ⁵

4. Revised Bill Impacts

Page 11 of the Settlement Proposal provided a summary Table of the per cent increase and \$ increase of bills by rate class. The revised impacts are summarized in the summary Table below. Detailed bill impacts by rate class are provided following this Table.

⁵ This EDDVAR model also includes the update of the amount in the rate rider calculation for Account 1576 to reflect the amount \$(893,861) in the Table on page 75 of the Settlement Proposal.

Summary of Revised Bill Impacts

Rate Class	Bill	Per cent Increase (Decrease)	\$ Increase (Decrease)
Residential	Total bill on TOU (including OCEB)	(3.44%)	(\$4.15)
GS<50 kW	Total bill on TOU (including OCEB)	(8.00%)	(\$25.34)
GS>50 kW	Total Bill	(9.81%)	(\$804.50)
Streetlights	Total Bill	28.29%	\$4.17
Unmetered Scattered Load	Total bill on TOU (including OCEB)	(24.97%)	(\$41.43)

Residential - Revised Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption ☒ 800 kWh ☐ May 1 - October 31 ☒ November 1 - April 30 (Select this radio button for applications filed after Oc

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 18.3100	1	\$ 18.31	\$ 17.9400	1	\$ 17.94	-\$ 0.37	-2.02%
Smart Meter Disposition	Monthly	\$ 1.1900	1	\$ 1.19	\$ -	1	\$ -	-\$ 1.19	-100.00%
SMIRR Recovery	Monthly	\$ 2.8400	1	\$ 2.84	\$ -	1	\$ -	-\$ 2.84	-100.00%
Stranded Meter recovery	Monthly	\$ -	1	\$ -	\$ 0.9000	1	\$ 0.90	\$ 0.90	
Distribution Volumetric Rate	per kWh	\$ 0.0129	800	\$ 10.32	\$ 0.0126	800	\$ 10.08	-\$ 0.24	-2.33%
Sub-Total A (excluding pass through)				\$ 32.66			\$ 28.92	-\$ 3.74	-11.45%
Deferral/Variance Account	per kWh	-\$ 0.0006	800	-\$ 0.48	-\$ 0.0012	800	-\$ 0.96	-\$ 0.48	100.00%
Disposition Rate Rider									
DVA 1562 disposition	per kWh	-\$ 0.0011	800	-\$ 0.88	\$ -	800	\$ -	\$ 0.88	-100.00%
Tax change rider	per kWh	-\$ 0.0006	800	-\$ 0.48	\$ -	800	\$ -	\$ 0.48	-100.00%
DVA 1576 Disposition Rider	per kWh	\$ -	800	\$ -	\$ 0.0010	800	\$ 0.78	-\$ 0.78	
Line Losses on Cost of Power		\$ 0.0889	37.04	\$ 3.29	\$ 0.0889	30.32	\$ 2.70	-\$ 0.60	-18.14%
Smart Meter Entity Charge	Monthly	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 34.90			\$ 30.66	-\$ 4.24	-12.14%
RTSR - Network	per kWh	\$ 0.0070	837	\$ 5.86	\$ 0.0072	830	\$ 5.98	\$ 0.12	2.03%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0012	837	\$ 1.00	\$ 0.0013	830	\$ 1.08	\$ 0.07	7.46%
Sub-Total C - Delivery (including Sub-Total B)				\$ 41.77			\$ 37.72	-\$ 4.04	-9.68%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0044	837	\$ 3.68	\$ 0.0044	830	\$ 3.65	-\$ 0.03	-0.80%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0012	837	\$ 1.00	\$ 0.0012	830	\$ 1.00	-\$ 0.01	-0.80%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	800	\$ 5.60	\$ 0.0070	800	\$ 5.60	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0720	512	\$ 36.86	\$ 0.0720	512	\$ 36.86	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1090	144	\$ 15.70	\$ 0.1090	144	\$ 15.70	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1290	144	\$ 18.58	\$ 0.1290	144	\$ 18.58	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0830	800	\$ 66.40	\$ 0.0830	800	\$ 66.40	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0970	0	\$ -	\$ 0.0970	0	\$ -	\$ -	
Total Bill on TOU (before Taxes)				\$ 123.44			\$ 119.36	-\$ 4.08	-3.31%
HST	13%			\$ 16.05	13%		\$ 15.52	-\$ 0.53	-3.31%
Total Bill (including HST)				\$ 139.49			\$ 134.88	-\$ 4.61	-3.31%
Ontario Clean Energy Benefit ¹				-\$ 13.95			-\$ 13.49	\$ 0.46	-3.30%
Total Bill on TOU (including OCEB)				\$ 125.54			\$ 121.39	-\$ 4.15	-3.31%
Total Bill on RPP (before Taxes)				\$ 118.70			\$ 114.62	-\$ 4.08	-3.44%
HST	13%			\$ 15.43	13%		\$ 14.90	-\$ 0.53	-3.44%
Total Bill (including HST)				\$ 134.14			\$ 129.52	-\$ 4.61	-3.44%
Ontario Clean Energy Benefit ¹				-\$ 13.41			-\$ 12.95	\$ 0.46	-3.43%
Total Bill on RPP (including OCEB)				\$ 120.73			\$ 116.57	-\$ 4.15	-3.44%
Loss Factor (%)		4.63%			3.79%				

GS<50 kW - Revised Bill Impacts

Customer Class: **General Service Less than 50kW**

TOU / non-TOU: **TOU**

Consumption **2,000** kWh ☐ May 1 - October 31

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 45.9700	1	\$ 45.97	\$ 37.2800	1	\$ 37.28	-\$ 8.69	-18.90%
Smart Meter Disposition	Monthly	\$ 3.1500	1	\$ 3.15	\$ -	1	\$ -	-\$ 3.15	-100.00%
SMIRR Recovery	Monthly	\$ 4.8500	1	\$ 4.85	\$ -	1	\$ -	-\$ 4.85	-100.00%
Stranded Meter recovery	Monthly	\$ -	1	\$ -	\$ 1.0600	1	\$ 1.06	\$ 1.06	
Distribution Volumetric Rate	per kWh	\$ 0.0138	2000	\$ 27.60	\$ 0.0112	2000	\$ 22.40	-\$ 5.20	-18.84%
Sub-Total A (excluding pass through)				\$ 81.57			\$ 60.74	-\$ 20.83	-25.54%
Deferral/Variance Account	per kWh	-\$ 0.0006	2000	-\$ 1.20	-\$ 0.0027	2000	-\$ 5.40	-\$ 4.20	350.00%
Disposition Rate Rider									
DVA 1562 disposition	per kWh	-\$ 0.0011	2000	-\$ 2.20	\$ -	2000	\$ -	\$ 2.20	-100.00%
Tax change rider	per kWh	-\$ 0.0005	2000	-\$ 1.00	\$ -	2000	\$ -	\$ 1.00	-100.00%
DVA 1576 Disposition Rider	per kWh	\$ -	2000	\$ -	-\$ 0.0010	2000	-\$ 2.00	-\$ 2.00	
Line Losses on Cost of Power		\$ 0.0889	92.60	\$ 8.23	\$ 0.0889	75.80	\$ 6.74	-\$ 1.49	-18.14%
Smart Meter Entity Charge	Monthly	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 86.19			\$ 60.87	-\$ 25.32	-29.38%
RTSR - Network	per kWh	\$ 0.0064	2093	\$ 13.39	\$ 0.0066	2076	\$ 13.70	\$ 0.31	2.30%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0012	2093	\$ 2.51	\$ 0.0013	2076	\$ 2.70	\$ 0.19	7.46%
Sub-Total C - Delivery (including Sub-Total B)				\$ 102.10			\$ 77.27	-\$ 24.83	-24.32%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0044	2093	\$ 9.21	\$ 0.0044	2076	\$ 9.13	-\$ 0.07	-0.80%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0012	2093	\$ 2.51	\$ 0.0012	2076	\$ 2.49	-\$ 0.02	-0.80%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	2000	\$ 14.00	\$ 0.0070	2000	\$ 14.00	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0720	1280	\$ 92.16	\$ 0.0720	1280	\$ 92.16	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1090	360	\$ 39.24	\$ 0.1090	360	\$ 39.24	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1290	360	\$ 46.44	\$ 0.1290	360	\$ 46.44	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0830	750	\$ 62.25	\$ 0.0830	750	\$ 62.25	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0970	1250	\$ 121.25	\$ 0.0970	1250	\$ 121.25	\$ -	0.00%
Total Bill on TOU (before Taxes)				\$ 305.91			\$ 280.98	-\$ 24.92	-8.15%
HST	13%			\$ 39.77	13%		\$ 36.53	-\$ 3.24	-8.15%
Total Bill (including HST)				\$ 345.67			\$ 317.51	-\$ 28.16	-8.15%
Ontario Clean Energy Benefit ¹				-\$ 34.57			-\$ 31.75	\$ 2.82	-8.16%
Total Bill on TOU (including OCEB)				\$ 311.10			\$ 285.76	-\$ 25.34	-8.15%
Total Bill on RPP (before Taxes)				\$ 311.57			\$ 286.64	-\$ 24.92	-8.00%
HST	13%			\$ 40.50	13%		\$ 37.26	-\$ 3.24	-8.00%
Total Bill (including HST)				\$ 352.07			\$ 323.91	-\$ 28.16	-8.00%
Ontario Clean Energy Benefit ¹				-\$ 35.21			-\$ 32.39	\$ 2.82	-8.01%
Total Bill on RPP (including OCEB)				\$ 316.86			\$ 291.52	-\$ 25.34	-8.00%

Loss Factor (%)

4.63%

3.79%

GS>50 kW - Revised Bill Impacts

Customer Class: **General Service 50 to 4,999 kW**

TOU / non-TOU: **non-TOU**

Consumption		56,000 kWh		150 kW		May 1 - October 31				
		Current Board-Approved				Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	\$ 328.4100	1	\$ 328.41	\$ 266.4200	1	\$ 266.42	-\$ 61.99	-18.88%	
Distribution Volumetric Rate	per kW	\$ 2.5664	150	\$ 384.96	\$ 2.1025	150	\$ 315.38	-\$ 69.58	-18.08%	
Sub-Total A (excluding pass through)				\$ 713.37			\$ 581.80	-\$ 131.57	-18.44%	
Deferral/Variance Account	per kW	-\$ 0.1856	150	-\$ 27.84	-\$ 1.6737	150	-\$ 251.05	-\$ 223.21	801.77%	
Disposition Rate Rider										
DVA Rate Rider Non-RPP	per kW	\$ 2.1024	150	\$ 315.36	-\$ 0.8249			\$ 26.16	-100.00%	
DVA 1562 disposition	per kW	-\$ 0.1744	150	-\$ 26.16	\$ -	150	\$ -	\$ 26.16	-100.00%	
Tax change rider	per kW	-\$ 0.0802	150	-\$ 12.03	\$ -	150	\$ -	\$ 12.03	-100.00%	
DVA 1576 Disposition Rider	per kW	\$ -	150	\$ -	-\$ 0.3798	150	-\$ 56.97	-\$ 56.97		
Line Losses on Cost of Power	per kW	\$ 0.0876	2,592.80	\$ 227.13	\$ 0.0876	2,122.40	\$ 185.92	-\$ 41.21	-18.14%	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 1,189.83			\$ 459.70	-\$ 730.13	-61.36%	
RTSR - Network	per kW	\$ 2.5928	150	\$ 388.92	\$ 2.6853	150	\$ 402.80	\$ 13.87	3.57%	
RTSR - Line and Transformation Connection	per kW	\$ 0.4315	150	\$ 64.73	\$ 0.4602	150	\$ 69.03	\$ 4.31	6.65%	
Sub-Total C - Delivery (including Sub-Total B)				\$ 1,643.47			\$ 931.52	-\$ 711.95	-43.32%	
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0044	56000	\$ 246.40	\$ 0.0044	56000	\$ 246.40	\$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0012	56000	\$ 67.20	\$ 0.0012	56000	\$ 67.20	\$ -	0.00%	
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	56000	\$ 392.00	\$ 0.0070	56000	\$ 392.00	\$ -	0.00%	
Energy - Non RPP	per kWh	\$ 0.0876	56000	\$ 4,905.60	\$ 0.0876	56000	\$ 4,905.60	\$ -	0.00%	
Total Bill (before Taxes)				\$ 7,254.92			\$ 6,542.97	-\$ 711.95	-9.81%	
HST		13%		\$ 943.14	13%		\$ 850.59	-\$ 92.55	-9.81%	
Total Bill (including HST)				\$ 8,198.06			\$ 7,393.56	-\$ 804.50	-9.81%	
Total Bill				\$ 8,198.06			\$ 7,393.56	-\$ 804.50	-9.81%	

Loss Factor (%)

4.63%

3.79%

Street Lighting - Revised Bill Impacts

Customer Class: **Street Lighting**TOU / non-TOU: **non-TOU**

Consumption		50 kWh		May 1 - October 31	
		0.14 kW			
Charge Unit		Current Board-Approved			Impact
		Rate (\$)	Volume	Charge (\$)	
Monthly Service Charge	Monthly	\$ 4.9800	1	\$ 4.98	
Distribution Volumetric Rate	per kW	\$ 19.4795	0.14	\$ 2.73	
Sub-Total A (excluding pass through)				\$ 7.71	
Deferral/Variance Account	per kW	-\$ 0.1611	0.14	-\$ 0.02	
Disposition Rate Rider					
DVA Rate Rider Non-RPP	per kW	\$ 1.8803	0.14	\$ 0.26	
DVA 1562 disposition	per kW	-\$ 2.4982	0.14	-\$ 0.35	
Tax change rider	per kW	-\$ 0.9793	0.14	-\$ 0.14	
DVA 1576 Disposition Rider	per kW	\$ -	0.14	\$ -	
Line Losses on Cost of Power		\$ 0.0876	0.01	\$ 0.00	
Smart Meter Entity Charge			1	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 7.46	
RTSR - Network	per kW	\$ 1.9552	0.14	\$ 0.27	
RTSR - Line and Transformation Connection	per kW	\$ 0.3336	0.14	\$ 0.05	
Sub-Total C - Delivery (including Sub-Total B)				\$ 7.78	
Wholesale Market Service Charge (WMS)	per kWh	\$ 0.0044	50	\$ 0.22	
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0012	50	\$ 0.06	
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	50	\$ 0.35	
Energy - Non RPP	per kWh	\$ 0.0876	50	\$ 4.38	
Total Bill (before Taxes)				\$ 13.04	
HST		13%		\$ 1.70	
Total Bill (including HST)				\$ 14.74	
Total Bill				\$ 14.74	
Loss Factor (%)		4.63%		3.79%	

Unmetered Scattered Load - Revised Bill Impacts

Customer Class: **Unmetered Scattered Load**

TOU / non-TOU: **TOU**

Consumption **900** kWh ☐ May 1 - October 31

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 54.3100	1	\$ 54.31	\$ 20.0500	1	\$ 20.05	-\$ 34.26	-63.08%
Distribution Volumetric Rate	per kWh	\$ 0.0163	900	\$ 14.67	\$ 0.0060	900	\$ 5.41	-\$ 9.26	-63.09%
Sub-Total A (excluding pass through)				\$ 68.98			\$ 25.46	-\$ 43.52	-63.08%
Deferral/Variance Account	per kWh	-\$ 0.0008	900	-\$ 0.72	-\$ 0.0013	900	-\$ 1.17	-\$ 0.45	62.50%
Disposition Rate Rider	per kWh	-\$ 0.0037	900	-\$ 3.33	\$ -	900	\$ -	\$ 3.33	-100.00%
DVA 1562 disposition	per kWh	-\$ 0.0014	900	-\$ 1.26	\$ -	900	\$ -	\$ 1.26	-100.00%
Tax change rider	per kWh	\$ -	900	\$ -	-\$ 0.0010	900	-\$ 0.88	-\$ 0.88	
DVA 1576 Disposition Rider	per kWh	\$ 0.0889	41.67	\$ 3.71	\$ 0.0889	34.11	\$ 3.03	-\$ 0.67	-18.14%
Line Losses on Cost of Power									
Sub-Total B - Distribution (includes Sub-Total A)				\$ 67.38			\$ 26.45	-\$ 40.93	-60.74%
RTSR - Network	per kWh	\$ 0.0064	942	\$ 6.03	\$ 0.0066	934	\$ 6.17	\$ 0.14	2.30%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0012	942	\$ 1.13	\$ 0.0013	934	\$ 1.21	\$ 0.08	7.46%
Sub-Total C - Delivery (including Sub-Total B)				\$ 74.53			\$ 33.83	-\$ 40.70	-54.61%
Wholesale Market Service Charge (WMS)	per kWh	\$ 0.0044	942	\$ 4.14	\$ 0.0044	934	\$ 4.11	-\$ 0.03	-0.80%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0012	942	\$ 1.13	\$ 0.0012	934	\$ 1.12	-\$ 0.01	-0.80%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	900	\$ 6.30	\$ 0.0070	900	\$ 6.30	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0720	576	\$ 41.47	\$ 0.0720	576	\$ 41.47	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1090	162	\$ 17.66	\$ 0.1090	162	\$ 17.66	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1290	162	\$ 20.90	\$ 0.1290	162	\$ 20.90	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0830	750	\$ 62.25	\$ 0.0830	750	\$ 62.25	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0970	150	\$ 14.55	\$ 0.0970	150	\$ 14.55	\$ -	0.00%
Total Bill on TOU (before Taxes)				\$ 166.38			\$ 125.64	-\$ 40.75	-24.49%
HST		13%		\$ 21.63	13%		\$ 16.33	-\$ 5.30	-24.49%
Total Bill (including HST)				\$ 188.01			\$ 141.97	-\$ 46.04	-24.49%
Ontario Clean Energy Benefit ¹				-\$ 18.80			-\$ 14.20	\$ 4.60	-24.47%
Total Bill on TOU (including OCEB)				\$ 169.21			\$ 127.77	-\$ 41.44	-24.49%
Total Bill on RPP (before Taxes)				\$ 163.16			\$ 122.41	-\$ 40.75	-24.97%
HST		13%		\$ 21.21	13%		\$ 15.91	-\$ 5.30	-24.97%
Total Bill (including HST)				\$ 184.37			\$ 138.32	-\$ 46.04	-24.97%
Ontario Clean Energy Benefit ¹				-\$ 18.44			-\$ 13.83	\$ 4.61	-25.00%
Total Bill on RPP (including OCEB)				\$ 165.93			\$ 124.49	-\$ 41.43	-24.97%

Loss Factor (%)

4.63%

3.79%

- End -