Response to OEB Staff Interrogatory Question #1

Reference:

Question #1:

1 Staff 1. Updates

Upon completing all interrogatories from OEB staff and intervenors, please provide updated RRWFs in working Microsoft Excel format with any corrections or adjustments that the Applicant wishes to make to the amounts in the previous version of the RRWFs included in the middle column. Please include documentation of the corrections and adjustments, such as a reference to an interrogatory response or an explanatory note. Also upon completing all interrogatories from OEB staff and intervenors please provide any updates to the following Microsoft Excel documents in working format: PILS, any Appendix 2 changes (e.g. cost allocation, rate design, and bill impacts, and so on as required), EDDVAR spreadsheet, and the updated cost allocation model reflecting the revised revenue requirement in the updated RRWFs.

Response:

Please see attachments Att-OEB-Q1-A_Chapter_2_Appendicies_2-G_SQI for updated Service Reliability Indicators.

Please see attachments Att-OEB-Q1-B, Att-OEB-Q1-C, Att-OEB-Q1-D, Att-OEB-Q1-E, and Att-OEB-Q1-F for updated PILS models using the Ontario Energy Board's ("OEB") updated model published July 7, 2015 for years 2016 through 2020.

Please see attachments Att-OEB-Q1-G_UPDATED, Att-OEB-Q1-H_UPDATED, Att-OEB-Q1-I_UPDATED, Att-OEB-Q1-J_UPDATED and Att-OEB-Q1-K_UPDATED for Updated Cost Allocation models using the OEB updated model published July 16, 2015 for years 2016 through 2020. The models have been updated to reflect a formula error with the allocation of miscellaneous revenue. During our review of information provided

in Appendix 2-BA for years 2015 to 2020, Hydro Ottawa noted errors in two accounts; Meters (OEB 1860) and Miscellaneous Equipment (OEB 1960). For each fiscal year, the additions amount under accumulated depreciation for Miscellaneous Equipment should be approximately $.3K higher and should be $.3k lower for Meters. There is no impact to annual total depreciation expense for years 2015 to 2020 as shown in Exhibit D, Tab 1, Schedule 1 nor any impact on net book value as shown in Appendix 2-BA for years 2015 to 2020. The revised numbers have been used in the cost allocation models.

Please see attachments Att-OEB-Q1-L, Att-OEB-Q1-M, Att-OEB-Q1-N, Att-OEB-Q1-O and Att-OEB-Q1-P for the Revenue Requirement Workforms for 2016 through 2020.

Please see attachment Att-OEB-Q1-Q for the RTSR Adjustment Work Form model released July 16, 2015.

Please see attachment Att-OEB-Q1-R for the Deferral and Variance Account (Continuity Schedule) Workform released August 7, 2015.

Please see attachment Att-OEB-Q1-S_Appendix_2-U_IFRS_Transitions Costs for updated Appendix 2-S.

Please see attachment Att-OEB-Q1-T_Appendix_2-TB_HST_OVAT for updated Appendix 2-TB.

Please see Table 1 for a year over year revenue deficiency.

Table 1 – Revenue Sufficiency/Deficiency

	$000	$000	$000	$000	$000
	2016	2017	2018	2019	2020
Return on Rate Base	54,299	58,283	62,077	64,466	67,516
Distribution Expenses (not including amortization)	87,106	89,932	92,850	95,863	98,974
Amortization	40,756	44,058	46,943	48,824	50,161
Payment in Lieu of Taxes	4,984	4,835	6,155	8,540	7,655
Service Revenue Requirement	187,144	197,108	208,025	217,693	224,305
Less Revenue Offsets	11,700	11,565	11,722	11,802	11,898
2012 Base Revenue Requirement	175,445	185,543	196,303	205,891	212,407
Transformer Ownership Allowance	1,125	1,114	1,109	1,106	1,105
Revenue Requirement from Rates	176,569	186,657	197,412	206,998	213,513
Forecasted Load at 2015 Rates	159,360	158,986	159,421	159,977	160,464
Cumulative Revenue Deficiency (over 2015)	**(17,209)**	**(27,671)**	**(37,991)**	**(47,021)**	**(53,049)**
Yearly Revenue Deficiency over 2015	**(17,209)**	**(10,461)**	**(10,320)**	**(9,030)**	**(6,028)**

Table 2 provides Revenue Deficiency based on previous Test Year rates against the current Test Years load forecast.

Table 2 – Revenue Sufficiency/Deficiency using prior Test Year's Rates

	$000	$000	$000	$000	$000
	2016	2017	2018	2019	2020
Total Revenue Requirement from Rates	176,569	186,657	197,412	206,998	213,513
Forecasted Load at Prior Years Rates	159,360	176,407	187,467	198,471	208,158
Yearly Revenue Deficiency	(17,209)	(10,250)	(9,945)	(8,527)	(5,355)

Table 3 provides Hydro Ottawa's current and proposed fixed/variable ratio split.

Table 3 - Current and Proposed Fixed/Variable Split

	2015		2016		2017		2018		2019		2020	
	Fixed %	Variable %	Fixed %	Variable %	Fixed %	Variable %	Fixed %	Variable %	Fixed %	Variable %	Fixed %	Variable %
Residential	37.8%	62.2%	52.0%	48.0%	64.4%	35.6%	76.4%	23.6%	88.3%	11.7%	100.0%	0.0%
GS <50	22.7%	77.3%	30.1%	69.9%	35.0%	65.0%	40.2%	59.8%	45.2%	54.8%	50.0%	50.0%
GS 50 to 1,499 kW	28.3%	71.7%	29.8%	70.2%	34.6%	65.4%	40.0%	60.0%	45.2%	54.8%	49.9%	50.1%
GS 1,500 to 4,999 kW	37.3%	62.7%	38.4%	61.6%	38.2%	61.8%	40.1%	59.9%	44.8%	55.2%	49.7%	50.3%
Large Use	33.8%	66.2%	35.9%	64.1%	36.0%	64.0%	40.1%	59.9%	44.9%	55.1%	50.0%	50.0%
Street Light	43.5%	56.5%	43.2%	56.8%	45.3%	54.7%	44.7%	55.3%	44.5%	55.5%	45.1%	54.9%
Sentinel	50.8%	49.2%	44.3%	55.7%	42.1%	57.9%	43.9%	56.1%	45.3%	54.7%	44.4%	55.6%
Unmetered Scattered Load	30.1%	69.9%	33.8%	66.2%	37.3%	62.7%	43.7%	56.3%	45.3%	54.7%	46.1%	53.9%
Standby Power	2.2%	97.8%	28.8%	71.2%	28.9%	71.1%	28.7%	71.3%	29.4%	70.6%	29.6%	70.4%

Per the Ontario Energy Board's ("the Board") letter dated July 16, 2015 regarding the Implementing a New Rate Design for Electricity Distributors Hydro Ottawa has identified the 10th percentile of electricity consumption as 232 kWh. If Hydro Ottawa moved the residential class to a fully fixed charge within 4 years a customer consuming 232 kWh would have bill impacts of over 10%. As a result, Hydro Ottawa is proposing to move residential customers to a fully fixed charge over a 5 year period.

Please see attachment Att-OEB-Q1-U for new filing requirement Appendix 2-PA.

Please see attachment Att-OEB-Q1-V for updated Appendix 2-W bill impacts and summary of rate impacts.

Hydro Ottawa will provide an update to this response on the completion of the updated rate design, as this could not be accomplished by the interrogatory filing deadline.

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	Att-OEB-Q1-U
Date:	12-Aug-15

Appendix 2-PA
New Rate Design Policy For Residential Customers

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	297,343
kWh	2,216,045,000

Proposed Residential Class Specific Revenue Requirement[1]	$95,311,752.21

Residential Base Rates on Current Tariff	
Monthly Fixed Charge ($)	9.67
Distribution Volumetric Rate ($/kWh)	0.0234

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	9.67	297,343	$ 34,503,681.72	39.95%
Variable	0.0234	2,216,045,000	$ 51,855,453.00	60.05%
TOTAL	-	-	$ 86,359,134.72	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years[2]	5

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	$ 38,080,584.91	10.67	$ 38,071,797.72
Variable	$ 57,231,167.30	0.0258	$ 57,173,961.00
TOTAL	$ 95,311,752.21	-	$ 95,245,758.72

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	51.96%	$ 49,526,818.37	13.88	$ 49,525,450.08
Variable	48.04%	$ 45,784,933.84	0.0207	$ 45,872,131.50
TOTAL	-	$ 95,311,752.21	-	$ 95,397,581.58

Checks[3]	
Change in Fixed Rate	$ 3.21
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	$ 85,829.37
	0.09%

Notes:

1 The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

2 Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than $4/year, a distributor may propose an additional transition year.

3 Change in fixed rate due to rate design policy should be less than $4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

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Appendix 2-PA
New Rate Design Policy For Residential Customers

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	301,258
kWh	2,198,259,000

Proposed Residential Class Specific Revenue Requirement[1]	$101,164,594.66

Residential Base Rates on Current Tariff	
Monthly Fixed Charge ($)	$13.88
Distribution Volumetric Rate ($/kWh)	0.020661269

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	13.88	301,258	$ 50,177,532.48	52.49%
Variable	0.020661269	2,198,259,000	$ 45,418,820.53	47.51%
TOTAL	-	-	$ 95,596,353.01	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years[2]	4

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	$ 53,100,244.67	14.69	$ 53,105,760.24
Variable	$ 48,064,349.99	0.0219	$ 48,141,872.10
TOTAL	$ 101,164,594.66	-	$ 101,247,632.34

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	64.37%	$ 65,116,332.17	18.01	$ 65,107,878.96
Variable	35.63%	$ 36,048,262.49	0.0164	$ 36,051,447.60
TOTAL	-	$ 101,164,594.66	-	$ 101,159,326.56

Checks[3]	
Change in Fixed Rate	$ 3.32
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-$ 5,268.10
	-0.01%

Notes:

1 The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

2 Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than $4/year, a distributor may propose an additional transition year.

3 Change in fixed rate due to rate design policy should be less than $4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

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Appendix 2-PA
New Rate Design Policy For Residential Customers

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	305,144
kWh	2,206,411,000

Proposed Residential Class Specific Revenue Requirement[1]	$107,579,377.30

Residential Base Rates on Current Tariff	
Monthly Fixed Charge ($)	$18.01
Distribution Volumetric Rate ($/kWh)	0.016402396

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	18.01	305,144	$ 65,947,721.28	64.57%
Variable	0.016402396	2,206,411,000	$ 36,190,426.96	35.43%
TOTAL	-	-	$ 102,138,148.24	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years[2]	3

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	$ 69,460,969.40	18.97	$ 69,462,980.16
Variable	$ 38,118,407.90	0.0173	$ 38,170,910.30
TOTAL	$ 107,579,377.30	-	$ 107,633,890.46

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	76.38%	$ 82,167,105.37	22.44	$ 82,169,176.32
Variable	23.62%	$ 25,412,271.93	0.0115	$ 25,373,726.50
TOTAL	-	$ 107,579,377.30	-	$ 107,542,902.82

Checks[3]	
Change in Fixed Rate	$ 3.47
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-$ 36,474.48
	-0.03%

Notes:

1 The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

2 Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than $4/year, a distributor may propose an additional transition year.

3 Change in fixed rate due to rate design policy should be less than $4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

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Appendix 2-PA
New Rate Design Policy For Residential Customers

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	308,990
kWh	2,214,984,000

Proposed Residential Class Specific Revenue Requirement[1]	$113,352,102.26

Residential Base Rates on Current Tariff	
Monthly Fixed Charge ($)	$22.44
Distribution Volumetric Rate ($/kWh)	0.011516531

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	22.44	308,990	$ 83,204,827.20	76.54%
Variable	0.011516531	2,214,984,000	$ 25,508,931.90	23.46%
TOTAL	-	-	$ 108,713,759.10	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years[2]	2

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	$ 86,754,815.21	23.4	$ 86,764,392.00
Variable	$ 26,597,287.05	0.012	$ 26,579,808.00
TOTAL	$ 113,352,102.26	-	$ 113,344,200.00

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	88.27%	$ 100,053,458.73	26.98	$ 100,038,602.40
Variable	11.73%	$ 13,298,643.53	0.006	$ 13,289,904.00
TOTAL	-	$ 113,352,102.26	-	$ 113,328,506.40

Checks[3]	
Change in Fixed Rate	$ 3.58
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-$ 23,595.86
	-0.02%

Notes:

1 The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

2 Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than $4/year, a distributor may propose an additional transition year.

3 Change in fixed rate due to rate design policy should be less than $4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

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Appendix 2-PA
New Rate Design Policy For Residential Customers

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	312,786
kWh	2,217,628,000

Proposed Residential Class Specific Revenue Requirement[1]	$117,440,189.37

Residential Base Rates on Current Tariff	
Monthly Fixed Charge ($)	$26.98
Distribution Volumetric Rate ($/kWh)	0.006010653

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	26.98	312,786	$ 101,267,595.36	88.37%
Variable	0.006010653	2,217,628,000	$ 13,329,392.39	11.63%
TOTAL	-	-	$ 114,596,987.75	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years[2]	1

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	$ 103,780,088.90	27.65	$ 103,782,394.80
Variable	$ 13,660,100.47	0.0062	$ 13,749,293.60
TOTAL	$ 117,440,189.37	-	$ 117,531,688.40

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	100.00%	$ 117,440,189.37	31.29	$ 117,444,887.28
Variable	0.00%	$ -	0	$ -
TOTAL	-	$ 117,440,189.37	-	$ 117,444,887.28

Checks[3]	
Change in Fixed Rate	$ 3.64
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	$ 4,697.91
	0.00%

Notes:

1 The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

2 Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than $4/year, a distributor may propose an additional transition year.

3 Change in fixed rate due to rate design policy should be less than $4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

Rates Summary - UPDATED August 12, 2015							
Rate Class		**2015 Approved**	**2016 Proposed**	**2017 Proposed**	**2018 Proposed**	**2019 Proposed**	**2020 Proposed**
Residential (800 kWh)	Distribution Charge	$ 28.39	$ 30.44	$ 31.13	$ 31.64	$ 31.78	$ 31.29
	Change in Distribution Charge		$ 2.05	$ 0.69	$ 0.51	$ 0.14	-$ 0.49
	% Distribution Increase		7.22%	2.27%	1.64%	0.44%	-1.54%
	% Increase of Total Bill - No VA		1.39%	0.51%	0.37%	0.11%	-0.36%
	% Increase of Total Bill		1.90%	0.01%	0.37%	0.11%	-0.36%
Residential (232 kWh)	Distribution Charge	$ 15.10	$ 18.68	$ 21.81	$ 25.11	$ 28.37	$ 31.29
	Change in Distribution Charge		$ 3.58	$ 3.13	$ 3.29	$ 3.26	$ 2.92
	% Distribution Increase		23.73%	16.77%	15.10%	13.00%	10.28%
	% Increase of Total Bill - No VA		0.00%	0.00%	0.00%	0.00%	0.00%
	% Increase of Total Bill		9.79%	4.13%	6.19%	5.78%	4.88%
General Service <50kW (2000 kWh)	Distribution Charge	$ 58.72	$ 66.20	$ 70.80	$ 75.30	$ 79.00	$ 81.60
	Change in Distribution Charge		$ 7.48	$ 4.60	$ 4.50	$ 3.70	$ 2.60
	% Distribution Increase		12.74%	6.95%	6.36%	4.91%	3.29%
	% Increase of Total Bill - No VA		2.19%	1.41%	1.36%	1.10%	0.76%
	% Increase of Total Bill		2.85%	0.75%	1.36%	1.10%	0.76%
General Service 50-1,499 kWh (250 KW)	Distribution Charge	$ 1,153.10	$ 1,277.40	$ 1,331.28	$ 1,376.63	$ 1,408.38	$ 1,417.73
	Change in Distribution Charge		$ 124.31	$ 53.87	$ 45.35	$ 31.75	$ 9.35
	% Distribution Increase		10.78%	4.22%	3.41%	2.31%	0.66%
	% Increase of Total Bill - No VA		0.56%	0.31%	0.26%	0.18%	0.05%
	% Increase of Total Bill		2.92%	-2.00%	0.26%	0.18%	0.05%
General Service 1,500-4,999 kWh (2500 KW)	Distribution Charge	$ 12,915.68	$ 14,294.00	$ 15,104.75	$ 15,831.25	$ 16,369.25	$ 16,652.00
	Change in Distribution Charge		$ 1,378.32	$ 810.75	$ 726.50	$ 538.00	$ 282.75
	% Distribution Increase		10.67%	5.67%	4.81%	3.40%	1.73%
	% Increase of Total Bill - No VA		0.49%	0.46%	0.41%	0.30%	0.16%
	% Increase of Total Bill		2.87%	-1.87%	0.41%	0.30%	0.16%
Large Use (7500KW)	Distribution Charge	$ 40,078.07	$ 44,346.25	$ 46,888.25	$ 49,594.50	$ 51,974.75	$ 53,554.50
	Change in Distribution Charge		$ 4,268.18	$ 2,542.00	$ 2,706.25	$ 2,380.25	$ 1,579.75
	% Distribution Increase		10.65%	5.73%	5.77%	4.80%	3.04%
	% Increase of Total Bill - No VA		0.73%	0.47%	0.49%	0.43%	0.29%
	% Increase of Total Bill		3.23%	-1.96%	0.49%	0.43%	0.29%
Sentinel Lighting (0.4 KW)	Distribution Charge	$ 6.63	$ 7.86	$ 8.33	$ 8.76	$ 9.15	$ 9.39
	Change in Distribution Charge		$ 1.23	$ 0.46	$ 0.43	$ 0.39	$ 0.25
	% Distribution Increase		18.51%	5.89%	5.17%	4.45%	2.70%
	% Increase of Total Bill - No VA		6.21%	2.26%	2.04%	1.83%	1.12%
	% Increase of Total Bill		6.59%	1.91%	2.04%	1.81%	1.13%
Street Lighting (1 KW)	Distribution Charge	$ 4.57	$ 6.49	$ 6.78	$ 7.31	$ 7.76	$ 7.97
	Change in Distribution Charge		$ 1.92	$ 0.30	$ 0.52	$ 0.45	$ 0.22
	% Distribution Increase		41.96%	4.58%	7.71%	6.14%	2.81%
	% Increase of Total Bill - No VA		7.26%	1.04%	1.85%	1.56%	0.76%
	% Increase of Total Bill		8.88%	-0.45%	1.86%	1.56%	0.75%
Unmetered Scattered Load (470 kWh)	Distribution Charge	$ 14.72	$ 15.70	$ 16.55	$ 17.23	$ 17.92	$ 18.26
	Change in Distribution Charge		$ 0.98	$ 0.84	$ 0.69	$ 0.69	$ 0.34
	% Distribution Increase		6.64%	5.38%	4.15%	3.99%	1.92%
	% Increase of Total Bill - No VA		1.14%	1.10%	0.88%	0.87%	0.43%
	% Increase of Total Bill		1.31%	0.92%	0.88%	0.88%	0.43%

Proposed Rate

Distribution

Fixed	2016	2017	2018	2019	2020
Residential	13.88	18.01	22.44	26.98	31.29
GS <50	23.00	28.00	33.50	39.00	44.00
GS 50 to 1,499 kW	290.00	350.00	420.00	490.00	550.00
GS 1,500 to 4,999 kW	4,700.00	5,000.00	5,600.00	6,600.00	7,600.00
Large Use	16,900.00	17,900.00	21,000.00	24,500.00	27,900.00
Street Light	0.80	0.90	0.95	1.00	1.05
Sentinel	3.10	3.25	3.75	4.25	4.50
Unmetered Scattered Load	4.75	5.50	6.75	7.25	7.50
Standby Power GS 50 to 1,499 kW	135.00	143.00	150.00	160.00	165.00
Standby Power GS 1,500 to 4,999 kW	135.00	143.00	150.00	160.00	165.00
Standby Power Large Use	135.00	143.00	150.00	160.00	165.00

Variable	2016	2017	2018	2019	2020	
Residential	0.02070	0.01640	0.01150	0.00600	0.00000	$/kWh
GS <50	0.02160	0.02140	0.02090	0.02000	0.01880	$/kWh
GS 50 to 1,499 kW	3.94960	3.92510	3.82650	3.67350	3.47090	$/kW
GS 1,500 to 4,999 kW	3.83760	4.04190	4.09250	3.90770	3.62080	$/kW
Large Use	3.65950	3.86510	3.81260	3.66330	3.42060	$/kW
Street Light	5.68720	5.88460	6.35780	6.75660	6.92490	$/kW
Sentinel	11.90590	12.68910	12.51480	12.23970	12.23220	$/kW
Unmetered Scattered Load	0.02330	0.02350	0.02230	0.02270	0.02290	$/kWh
Standby Power GS 50 to 1,499 kW	1.81530	1.92060	2.02680	2.09410	2.14070	$/kW
Standby Power GS 1,500 to 4,999 kW	1.66510	1.76170	1.85910	1.92080	1.96350	$/kW
Standby Power Large Use	1.84780	1.95500	2.06310	2.13160	2.17900	$/kW

Deferral/Variance Account Disposition Rate Rider

Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.)
1550, 1551, 1584, 1586, 1595

	2016	2017	2018	2019	2020	
Residential	-0.000578					$/kWh
GS <50	-0.000593					$/kWh
GS 50 to 1,499 kW	-0.251407					$/kW
GS 1,500 to 4,999 kW	-0.279477					$/kW
Large Use	-0.330748					$/kW
Street Light	-0.211508					$/kW
Sentinel	-0.132898					$/kW
Unmetered Scattered Load	-0.000598					$/kWh
Standby Power GS 50 to 1,499 kW	0.000000					$/kW
Standby Power GS 1,500 to 4,999 kW	0.000000					$/kW
Standby Power Large Use	0.000000					$/kW

Rate Rider Calculation for Group 2 Accounts

	2016	2017	2018	2019	2020	
Residential	1.16					per customer per month
GS <50	0.00143					$/kWh
GS 50 to 1,499 kW	0.54159					$/kW
GS 1,500 to 4,999 kW	0.59994					$/kW
Large Use	0.70983					$/kW
Street Light	0.45419					$/kW
Sentinel	0.30556					$/kW
Unmetered Scattered Load	0.00132					$/kWh
Standby Power GS 50 to 1,499 kW	0.00000					$/kW
Standby Power GS 1,500 to 4,999 kW	0.00000					$/kW
Standby Power Large Use	0.00000					$/kW

Rate Rider Calculation for Accounts 1568 - LRAM

	2016	2017	2018	2019	2020	
Residential	-0.00002					$/kWh
GS <50	0.00023					$/kWh
GS 50 to 1,499 kW	-0.07711					$/kW
GS 1,500 to 4,999 kW	-0.07711					$/kW
Large Use	-0.07711					$/kW
Street Light	-0.24051					$/kW
Sentinel	0.00000					$/kW
Unmetered Scattered Load	-0.00044					$/kWh
Standby Power GS 50 to 1,499 kW	0.00000					$/kW
Standby Power GS 1,500 to 4,999 kW	0.00000					$/kW
Standby Power Large Use	0.00000					$/kW

Rate Rider Calculation for RSVA - Power - Global Adjustment

	2016	2017	2018	2019	2020	
Residential	0.00281					$/kWh
GS <50	0.00281					$/kWh
GS 50 to 1,499 kW	0.00281					$/kWh
GS 1,500 to 4,999 kW	0.00281					$/kWh
Large Use	0.00281					$/kWh
Street Light	0.00281					$/kWh
Sentinel	0.00000					$/kWh
Unmetered Scattered Load	0.00000					$/kWh
Standby Power GS 50 to 1,499 kW	0.00000					$/kWh
Standby Power GS 1,500 to 4,999 kW	0.00000					$/kWh
Standby Power Large Use	0.00000					$/kWh

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Appendix 2-W
Bill Impacts

Customer Class: **Residential**

TOU / non-TOU: TOU

Consumption 100 **kWh** ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			2016 Proposed			Impact 2016 vs 2015		2017 Proposed			Impact 2017 vs 2016		2018 Proposed			Impact 2018 vs 2017	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 13.8800	1	$ 13.88	$ 4.21	43.54%	$ 18.0100	1	$ 18.01	$ 4.13	29.76%	$ 22.4400	1	$ 22.44	$ 4.43	24.60%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	100	$ 2.34	$ 0.0207	100	$ 2.07	-$ 0.27	-11.54%	$ 0.0164	100	$ 1.64	-$ 0.43	-20.77%	$ 0.0115	100	$ 1.15	-$ 0.49	-29.88%
Smart Meter Disposition Rider			100	$ -		100	$ -	$ -			100	$ -	$ -			100	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	100	$ -	-$ 0.00002	100	-$ 0.00	-$ 0.00			100	$ -	$ 0.00	-100.00%		100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -			100	$ -	$ -	
Sub-Total A (excluding pass through)				$ 12.01			$ 15.95	**$ 3.94**	**32.79%**			$ 19.65	**$ 3.70**	**23.21%**			$ 23.59	**$ 3.94**	**20.05%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	$ -	100	$ -	-$ 0.0006	100	-$ 0.06	-$ 0.06			100	$ -	$ 0.06	-100.00%		100	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2	Monthly		100	$ -	$ 1.1600	1	$ 1.16	$ 1.16			1	$ -	-$ 1.16	-100.00%		1	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -			100	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	104	$ 0.01	$ 0.00007	103	$ 0.01	$ 0.00	16.44%	$ 0.00007	103	$ 0.01	$ -	0.00%	$ 0.00007	103	$ 0.01	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	4	$ 0.37	$ 0.1021	3	$ 0.35	-$ 0.02	-5.59%	$ 0.1021	3	$ 0.35	$ -	0.00%	$ 0.1021	3	$ 0.35	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 13.17**			**$ 18.19**	**$ 5.02**	**38.12%**			**$ 20.79**	**$ 2.60**	**14.29%**			**$ 24.73**	**$ 3.94**	**18.95%**
RTSR - Network	per kWh	$ 0.0077	104	$ 0.80	$ 0.0077	103	$ 0.80	-$ 0.00	-0.19%	$ 0.0077	103	$ 0.80	$ -	0.00%	$ 0.0077	103	$ 0.80	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	104	$ 0.44	$ 0.0042	103	$ 0.43	-$ 0.00	-0.19%	$ 0.0042	103	$ 0.43	$ -	0.00%	$ 0.0042	103	$ 0.43	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 14.40**			**$ 19.42**	**$ 5.02**	**34.84%**			**$ 22.02**	**$ 2.60**	**13.39%**			**$ 25.96**	**$ 3.94**	**17.89%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	104	$ 0.46	$ 0.0044	103	$ 0.45	-$ 0.00	-0.19%	$ 0.0044	103	$ 0.45	$ -	0.00%	$ 0.0044	103	$ 0.45	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	104	$ 0.13	$ 0.0013	103	$ 0.13	-$ 0.00	-0.19%	$ 0.0013	103	$ 0.13	$ -	0.00%	$ 0.0013	103	$ 0.13	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	100	$ 0.69	$ 0.0069	100	$ 0.69	$ -	0.00%	$ 0.0069	100	$ 0.69	$ -	0.00%	$ 0.0069	100	$ 0.69	$ -	0.00%
TOU - Off Peak		$ 0.0800	64	$ 5.12	$ 0.0800	64	$ 5.12	$ -	0.00%	$ 0.0800	64	$ 5.12	$ -	0.00%	$ 0.0800	64	$ 5.12	$ -	0.00%
TOU - Mid Peak		$ 0.1220	18	$ 2.20	$ 0.1220	18	$ 2.20	$ -	0.00%	$ 0.1220	18	$ 2.20	$ -	0.00%	$ 0.1220	18	$ 2.20	$ -	0.00%
TOU - On Peak		$ 0.1610	18	$ 2.90	$ 0.1610	18	$ 2.90	$ -	0.00%	$ 0.1610	18	$ 2.90	$ -	0.00%	$ 0.1610	18	$ 2.90	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	100	$ 9.40	$ 0.0940	100	$ 9.40	$ -	0.00%	$ 0.0940	100	$ 9.40	$ -	0.00%	$ 0.0940	100	$ 9.40	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 26.15**			**$ 31.17**	**$ 5.02**	**19.18%**			**$ 33.77**	**$ 2.60**	**8.34%**			**$ 37.71**	**$ 3.94**	**11.67%**
HST		13%		$ 3.40	13%		$ 4.05	$ 0.65	19.18%	13%		$ 4.39	$ 0.34	8.34%	13%		$ 4.90	$ 0.51	11.67%
Total Bill (including HST)				$ 29.55			$ 35.22	$ 5.67	19.18%			$ 38.16	$ 2.94	8.34%			$ 42.61	$ 4.45	11.67%
Ontario Clean Energy Benefit [1]				-$ 2.96			-$ 3.52	-$ 0.56	18.92%			-$ 3.82	-$ 0.30	8.52%			-$ 4.26	-$ 0.44	11.52%
Total Bill on TOU (including OCEB)				**$ 26.59**			**$ 31.70**	**$ 5.11**	**19.21%**			**$ 34.34**	**$ 2.64**	**8.32%**			**$ 38.35**	**$ 4.01**	**11.68%**
Total Bill on RPP (before Taxes)				**$ 25.34**			**$ 30.36**	**$ 5.02**	**19.80%**			**$ 32.96**	**$ 2.60**	**8.56%**			**$ 36.90**	**$ 3.94**	**11.96%**
HST		13%		$ 3.29	13%		$ 3.95	$ 0.65	19.80%	13%		$ 4.28	$ 0.34	8.56%	13%		$ 4.80	$ 0.51	11.96%
Total Bill (including HST)				$ 28.63			$ 34.30	$ 5.67	19.80%			$ 37.24	$ 2.94	8.56%			$ 41.69	$ 4.45	11.96%
Ontario Clean Energy Benefit [1]				-$ 2.86			-$ 3.43	-$ 0.57	19.93%			-$ 3.72	-$ 0.29	8.45%			-$ 4.17	-$ 0.45	12.10%
Total Bill on RPP (including OCEB)				**$ 25.77**			**$ 30.87**	**$ 5.10**	**19.79%**			**$ 33.52**	**$ 2.65**	**8.58%**			**$ 37.52**	**$ 4.00**	**11.94%**

Loss Factor (%) 3.5800% 3.3800% 3.3800% 3.3800%

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Appendix 2-W
Bill Impacts

Customer Class: **Residential**

TOU / non-TOU: TOU

Consumption 100 **kWh** May 1 - Octobe

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 26.9800	1	$ 26.98	$ 4.54	20.23%	$ 31.2900	1	$ 31.29	$ 4.31	15.97%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	100	$ 2.34	$ 0.0060	100	$ 0.60	-$ 0.55	-47.83%	$ -	100	$ -	-$ 0.60	-100.00%
Smart Meter Disposition Rider			100	$ -		100	$ -	$ -			100	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	100	$ -		100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -	
Sub-Total A (excluding pass through)				$ 12.01			$ 27.58	**$ 3.99**	**16.91%**			$ 31.29	**$ 3.71**	**13.45%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	$ -	100	$ -		100	$ -	$ -			100	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2	Monthly		100	$ -		1	$ -	$ -			1	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -	
			100	$ -		100	$ -	$ -			100	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	104	$ 0.01	$ 0.00007	103	$ 0.01	$ -	0.00%	$ 0.00007	103	$ 0.01	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	4	$ 0.37	$ 0.1021	3	$ 0.35	$ -	0.00%	$ 0.1021	3	$ 0.35	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 13.17**			**$ 28.72**	**$ 3.99**	**16.13%**			**$ 32.43**	**$ 3.71**	**12.92%**
RTSR - Network	per kWh	$ 0.0077	104	$ 0.80	$ 0.0077	103	$ 0.80	$ -	0.00%	$ 0.0077	103	$ 0.80	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	104	$ 0.44	$ 0.0042	103	$ 0.43	$ -	0.00%	$ 0.0042	103	$ 0.43	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 14.40**			**$ 29.95**	**$ 3.99**	**15.37%**			**$ 33.66**	**$ 3.71**	**12.39%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	104	$ 0.46	$ 0.0044	103	$ 0.45	$ -	0.00%	$ 0.0044	103	$ 0.45	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	104	$ 0.13	$ 0.0013	103	$ 0.13	$ -	0.00%	$ 0.0013	103	$ 0.13	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	100	$ 0.69	$ 0.0069	100	$ 0.69	$ -	0.00%	$ 0.0069	100	$ 0.69	$ -	0.00%
TOU - Off Peak		$ 0.0800	64	$ 5.12	$ 0.0800	64	$ 5.12	$ -	0.00%	$ 0.0800	64	$ 5.12	$ -	0.00%
TOU - Mid Peak		$ 0.1220	18	$ 2.20	$ 0.1220	18	$ 2.20	$ -	0.00%	$ 0.1220	18	$ 2.20	$ -	0.00%
TOU - On Peak		$ 0.1610	18	$ 2.90	$ 0.1610	18	$ 2.90	$ -	0.00%	$ 0.1610	18	$ 2.90	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	100	$ 9.40	$ 0.0940	100	$ 9.40	$ -	0.00%	$ 0.0940	100	$ 9.40	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 26.15**			**$ 41.70**	**$ 3.99**	**10.58%**			**$ 45.41**	**$ 3.71**	**8.90%**
HST		13%		$ 3.40	13%		$ 5.42	$ 0.52	10.58%	13%		$ 5.90	$ 0.48	8.90%
Total Bill (including HST)				$ 29.55			$ 47.12	$ 4.51	10.58%			$ 51.31	$ 4.19	8.90%
Ontario Clean Energy Benefit [1]				-$ 2.96			-$ 4.71	-$ 0.45	10.56%			-$ 5.13	-$ 0.42	8.92%
Total Bill on TOU (including OCEB)				**$ 26.59**			**$ 42.41**	**$ 4.06**	**10.58%**			**$ 46.18**	**$ 3.77**	**8.89%**
Total Bill on RPP (before Taxes)				**$ 25.34**			**$ 40.89**	**$ 3.99**	**10.81%**			**$ 44.60**	**$ 3.71**	**9.07%**
HST		13%		$ 3.29	13%		$ 5.32	$ 0.52	10.81%	13%		$ 5.80	$ 0.48	9.07%
Total Bill (including HST)				$ 28.63			$ 46.20	$ 4.51	10.81%			$ 50.39	$ 4.19	9.07%
Ontario Clean Energy Benefit [1]				-$ 2.86			-$ 4.62	-$ 0.45	10.79%			-$ 5.04	-$ 0.42	9.09%
Total Bill on RPP (including OCEB)				**$ 25.77**			**$ 41.58**	**$ 4.06**	**10.82%**			**$ 45.35**	**$ 3.77**	**9.07%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: **Residential**

TOU / non-TOU: TOU

Consumption 232 **kWh** ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			2016 Proposed			Impact 2016 vs 2015		2017 Proposed			Impact 2017 vs 2016		2018 Proposed			Impact 2018 vs 2017	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 13.8800	1	$ 13.88	$ 4.21	43.54%	$ 18.0100	1	$ 18.01	$ 4.13	29.76%	$ 22.4400	1	$ 22.44	$ 4.43	24.60%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	232	$ 5.43	$ 0.0207	232	$ 4.80	-$ 0.63	-11.54%	$ 0.0164	232	$ 3.80	-$ 1.00	-20.77%	$ 0.0115	232	$ 2.67	-$ 1.14	-29.88%
Smart Meter Disposition Rider			232	$ -		232	$ -	$ -			232	$ -	$ -			232	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	232	$ -	-$ 0.00002	232	-$ 0.00	-$ 0.00		$ -	232	$ -	$ 0.00	-100.00%	$ -	232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -			232	$ -	$ -	
Sub-Total A (excluding pass through)				$ 15.10			$ 18.68	**$ 3.58**	**23.70%**			$ 21.81	**$ 3.14**	**16.80%**			$ 25.11	**$ 3.29**	**15.10%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	232	$ -	-$ 0.0006	232	-$ 0.13	-$ 0.13			232	$ -	$ 0.13	-100.00%		232	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			232	$ -	$ 1.1600	1	$ 1.16	$ 1.16			232	$ -	-$ 1.16	-100.00%		232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -			232	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	240	$ 0.01	$ 0.00007	240	$ 0.02	$ 0.00	16.44%	$ 0.00007	240	$ 0.02	$ -	0.00%	$ 0.00007	240	$ 0.02	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	8	$ 0.85	$ 0.1021	8	$ 0.80	-$ 0.05	-5.59%	$ 0.1021	8	$ 0.80	$ -	0.00%	$ 0.1021	8	$ 0.80	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 16.75**			**$ 21.31**	**$ 4.56**	**27.22%**			**$ 23.42**	**$ 2.11**	**9.91%**			**$ 26.72**	**$ 3.29**	**14.06%**
RTSR - Network	per kWh	$ 0.0077	240	$ 1.85	$ 0.0077	240	$ 1.85	-$ 0.00	-0.19%	$ 0.0077	240	$ 1.85	$ -	0.00%	$ 0.0077	240	$ 1.85	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	240	$ 1.01	$ 0.0042	240	$ 1.01	-$ 0.00	-0.19%	$ 0.0042	240	$ 1.01	$ -	0.00%	$ 0.0042	240	$ 1.01	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 19.61**			**$ 24.17**	**$ 4.55**	**23.22%**			**$ 26.28**	**$ 2.11**	**8.74%**			**$ 29.57**	**$ 3.29**	**12.53%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	240	$ 1.06	$ 0.0044	240	$ 1.06	-$ 0.00	-0.19%	$ 0.0044	240	$ 1.06	$ -	0.00%	$ 0.0044	240	$ 1.06	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	240	$ 0.31	$ 0.0013	240	$ 0.31	-$ 0.00	-0.19%	$ 0.0013	240	$ 0.31	$ -	0.00%	$ 0.0013	240	$ 0.31	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	232	$ 1.61	$ 0.0069	232	$ 1.61	$ -	0.00%	$ 0.0069	232	$ 1.61	$ -	0.00%	$ 0.0069	232	$ 1.61	$ -	0.00%
TOU - Off Peak		$ 0.0800	148	$ 11.88	$ 0.0800	148	$ 11.88	$ -	0.00%	$ 0.0800	148	$ 11.88	$ -	0.00%	$ 0.0800	148	$ 11.88	$ -	0.00%
TOU - Mid Peak		$ 0.1220	42	$ 5.09	$ 0.1220	42	$ 5.09	$ -	0.00%	$ 0.1220	42	$ 5.09	$ -	0.00%	$ 0.1220	42	$ 5.09	$ -	0.00%
TOU - On Peak		$ 0.1610	42	$ 6.72	$ 0.1610	42	$ 6.72	$ -	0.00%	$ 0.1610	42	$ 6.72	$ -	0.00%	$ 0.1610	42	$ 6.72	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	232	$ 21.81	$ 0.0940	232	$ 21.81	$ -	0.00%	$ 0.0940	232	$ 21.81	$ -	0.00%	$ 0.0940	232	$ 21.81	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 46.54**			**$ 51.09**	**$ 4.55**	**9.78%**			**$ 53.20**	**$ 2.11**	**4.13%**			**$ 56.49**	**$ 3.29**	**6.19%**
HST		13%		$ 6.05	13%		$ 6.64	$ 0.59	9.78%	13%		$ 6.92	$ 0.27	4.13%	13%		$ 7.34	$ 0.43	6.19%
Total Bill (including HST)				$ 52.59			$ 57.73	$ 5.14	9.78%			$ 60.12	$ 2.39	4.13%			$ 63.84	$ 3.72	6.19%
Ontario Clean Energy Benefit [1]				-$ 5.26			-$ 5.77	-$ 0.51	9.70%			-$ 6.01	-$ 0.24	4.16%			-$ 6.38	-$ 0.37	6.16%
Total Bill on TOU (including OCEB)				**$ 47.33**			**$ 51.96**	**$ 4.63**	**9.79%**			**$ 54.11**	**$ 2.15**	**4.13%**			**$ 57.46**	**$ 3.35**	**6.19%**
Total Bill on RPP (before Taxes)				**$ 44.65**			**$ 49.20**	**$ 4.55**	**10.19%**			**$ 51.31**	**$ 2.11**	**4.29%**			**$ 54.61**	**$ 3.29**	**6.42%**
HST		13%		$ 5.80	13%		$ 6.40	$ 0.59	10.19%	13%		$ 6.67	$ 0.27	4.29%	13%		$ 7.10	$ 0.43	6.42%
Total Bill (including HST)				$ 50.45			$ 55.60	$ 5.14	10.19%			$ 57.98	$ 2.39	4.29%			$ 61.70	$ 3.72	6.42%
Ontario Clean Energy Benefit [1]				-$ 5.05			-$ 5.56	-$ 0.51	10.10%			-$ 5.80	-$ 0.24	4.32%			-$ 6.17	-$ 0.37	6.38%
Total Bill on RPP (including OCEB)				**$ 45.40**			**$ 50.04**	**$ 4.63**	**10.20%**			**$ 52.18**	**$ 2.15**	**4.29%**			**$ 55.53**	**$ 3.35**	**6.42%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: **Residential**

TOU / non-TOU: TOU

Consumption 232 **kWh** May 1 - Octob

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 26.9800	1	$ 26.98	$ 4.54	20.23%	$ 31.2900	1	$ 31.29	$ 4.31	15.97%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	232	$ 5.43	$ 0.00600	232	$ 1.39	-$ 1.28	-47.83%	$ -	232	$ -	-$ 1.39	-100.00%
Smart Meter Disposition Rider			232	$ -		232	$ -	$ -			232	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	232	$ -	$ -	232	$ -	$ -		$ -	232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -	
Sub-Total A (excluding pass through)				$ 15.10			$ 28.37	**$ 3.26**	**13.00%**			$ 31.29	**$ 2.92**	**10.28%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	232	$ -		232	$ -	$ -			232	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			232	$ -		232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -	
			232	$ -		232	$ -	$ -			232	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	240	$ 0.01	$ 0.00007	240	$ 0.02	$ -	0.00%	$ 0.00007	240	$ 0.02	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	8	$ 0.85	$ 0.1021	8	$ 0.80	$ -	0.00%	$ 0.1021	8	$ 0.80	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 16.75**			**$ 29.98**	**$ 3.26**	**12.22%**			**$ 32.90**	**$ 2.92**	**9.73%**
RTSR - Network	per kWh	$ 0.0077	240	$ 1.85	$ 0.0077	240	$ 1.85	$ -	0.00%	$ 0.0077	240	$ 1.85	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	240	$ 1.01	$ 0.0042	240	$ 1.01	$ -	0.00%	$ 0.0042	240	$ 1.01	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 19.61**			**$ 32.83**	**$ 3.26**	**11.04%**			**$ 35.75**	**$ 2.92**	**8.89%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	240	$ 1.06	$ 0.0044	240	$ 1.06	$ -	0.00%	$ 0.0044	240	$ 1.06	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	240	$ 0.31	$ 0.0013	240	$ 0.31	$ -	0.00%	$ 0.0013	240	$ 0.31	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	232	$ 1.61	$ 0.0069	232	$ 1.61	$ -	0.00%	$ 0.0069	232	$ 1.61	$ -	0.00%
TOU - Off Peak		$ 0.0800	148	$ 11.88	$ 0.0800	148	$ 11.88	$ -	0.00%	$ 0.0800	148	$ 11.88	$ -	0.00%
TOU - Mid Peak		$ 0.1220	42	$ 5.09	$ 0.1220	42	$ 5.09	$ -	0.00%	$ 0.1220	42	$ 5.09	$ -	0.00%
TOU - On Peak		$ 0.1610	42	$ 6.72	$ 0.1610	42	$ 6.72	$ -	0.00%	$ 0.1610	42	$ 6.72	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	232	$ 21.81	$ 0.0940	232	$ 21.81	$ -	0.00%	$ 0.0940	232	$ 21.81	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 46.54**			**$ 59.76**	**$ 3.26**	**5.78%**			**$ 62.68**	**$ 2.92**	**4.88%**
HST		13%		$ 6.05	13%		$ 7.77	$ 0.42	5.78%	13%		$ 8.15	$ 0.38	4.88%
Total Bill (including HST)				$ 52.59			$ 67.53	$ 3.69	5.78%			$ 70.82	$ 3.30	4.88%
Ontario Clean Energy Benefit [1]				-$ 5.26			-$ 6.75	-$ 0.37	5.80%			-$ 7.08	-$ 0.33	4.89%
Total Bill on TOU (including OCEB)				**$ 47.33**			**$ 60.78**	**$ 3.32**	**5.78%**			**$ 63.74**	**$ 2.97**	**4.88%**
Total Bill on RPP (before Taxes)				**$ 44.65**			**$ 57.87**	**$ 3.26**	**5.98%**			**$ 60.79**	**$ 2.92**	**5.04%**
HST		13%		$ 5.80	13%		$ 7.52	$ 0.42	5.98%	13%		$ 7.90	$ 0.38	5.04%
Total Bill (including HST)				$ 50.45			$ 65.39	$ 3.69	5.98%			$ 68.69	$ 3.30	5.04%
Ontario Clean Energy Benefit [1]				-$ 5.05			-$ 6.54	-$ 0.37	6.00%			-$ 6.87	-$ 0.33	5.05%
Total Bill on RPP (including OCEB)				**$ 45.40**			**$ 58.85**	**$ 3.32**	**5.98%**			**$ 61.82**	**$ 2.97**	**5.04%**

Loss Factor (%) 3.5800% 3.3800% 3.3800%

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Appendix 2-W
Bill Impacts

Customer Class: **Residential**

TOU / non-TOU: TOU

Consumption 250 **kWh** ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			2016 Proposed			Impact 2016 vs 2015		2017 Proposed			Impact 2017 vs 2016		2018 Proposed			Impact 2018 vs 2017	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 13.8800	1	$ 13.88	$ 4.21	43.54%	$ 18.0100	1	$ 18.01	$ 4.13	29.76%	$ 22.4400	1	$ 22.44	$ 4.43	24.60%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	250	$ 5.85	$ 0.0207	250	$ 5.18	-$ 0.68	-11.54%	$ 0.0164	250	$ 4.10	-$ 1.08	-20.77%	$ 0.0115	250	$ 2.88	-$ 1.23	-29.88%
Smart Meter Disposition Rider			250	$ -		250	$ -	$ -			250	$ -	$ -			250	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	250	$ -	-$ 0.00002	250	-$ 0.01	-$ 0.01		$ -	250	$ -	$ 0.01	-100.00%	$ -	250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -			250	$ -	$ -	
Sub-Total A (excluding pass through)				$ 15.52			$ 19.05	**$ 3.53**	**22.74%**			$ 22.11	**$ 3.06**	**16.06%**			$ 25.32	**$ 3.21**	**14.50%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	250	$ -	-$ 0.0006	250	-$ 0.14	-$ 0.14			250	$ -	$ 0.14	-100.00%		250	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			250	$ -	$ 1.1600	1	$ 1.16	$ 1.16			250	$ -	-$ 1.16	-100.00%		250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -			250	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	259	$ 0.02	$ 0.00007	258	$ 0.02	$ 0.00	16.44%	$ 0.00007	258	$ 0.02	$ -	0.00%	$ 0.00007	258	$ 0.02	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	9	$ 0.91	$ 0.1021	8	$ 0.86	-$ 0.05	-5.59%	$ 0.1021	8	$ 0.86	$ -	0.00%	$ 0.1021	8	$ 0.86	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 17.24**			**$ 21.74**	**$ 4.50**	**26.09%**			**$ 23.78**	**$ 2.04**	**9.41%**			**$ 26.99**	**$ 3.21**	**13.48%**
RTSR - Network	per kWh	$ 0.0077	259	$ 1.99	$ 0.0077	258	$ 1.99	-$ 0.00	-0.19%	$ 0.0077	258	$ 1.99	$ -	0.00%	$ 0.0077	258	$ 1.99	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	259	$ 1.09	$ 0.0042	258	$ 1.09	-$ 0.00	-0.19%	$ 0.0042	258	$ 1.09	$ -	0.00%	$ 0.0042	258	$ 1.09	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 20.32**			**$ 24.81**	**$ 4.49**	**22.10%**			**$ 26.86**	**$ 2.04**	**8.24%**			**$ 30.06**	**$ 3.21**	**11.93%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	259	$ 1.14	$ 0.0044	258	$ 1.14	-$ 0.00	-0.19%	$ 0.0044	258	$ 1.14	$ -	0.00%	$ 0.0044	258	$ 1.14	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	259	$ 0.34	$ 0.0013	258	$ 0.34	-$ 0.00	-0.19%	$ 0.0013	258	$ 0.34	$ -	0.00%	$ 0.0013	258	$ 0.34	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	250	$ 1.74	$ 0.0069	250	$ 1.74	$ -	0.00%	$ 0.0069	250	$ 1.74	$ -	0.00%	$ 0.0069	250	$ 1.74	$ -	0.00%
TOU - Off Peak		$ 0.0800	160	$ 12.80	$ 0.0800	160	$ 12.80	$ -	0.00%	$ 0.0800	160	$ 12.80	$ -	0.00%	$ 0.0800	160	$ 12.80	$ -	0.00%
TOU - Mid Peak		$ 0.1220	45	$ 5.49	$ 0.1220	45	$ 5.49	$ -	0.00%	$ 0.1220	45	$ 5.49	$ -	0.00%	$ 0.1220	45	$ 5.49	$ -	0.00%
TOU - On Peak		$ 0.1610	45	$ 7.25	$ 0.1610	45	$ 7.25	$ -	0.00%	$ 0.1610	45	$ 7.25	$ -	0.00%	$ 0.1610	45	$ 7.25	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	250	$ 23.50	$ 0.0940	250	$ 23.50	$ -	0.00%	$ 0.0940	250	$ 23.50	$ -	0.00%	$ 0.0940	250	$ 23.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 49.32**			**$ 53.81**	**$ 4.49**	**9.10%**			**$ 55.85**	**$ 2.04**	**3.80%**			**$ 59.05**	**$ 3.21**	**5.74%**
HST		13%		$ 6.41	13%		$ 6.99	$ 0.58	9.10%	13%		$ 7.26	$ 0.27	3.80%	13%		$ 7.68	$ 0.42	5.74%
Total Bill (including HST)				$ 55.73			$ 60.80	$ 5.07	9.10%			$ 63.11	$ 2.31	3.80%			$ 66.73	$ 3.62	5.74%
Ontario Clean Energy Benefit [1]				-$ 5.57			-$ 6.08	-$ 0.51	9.16%			-$ 6.31	-$ 0.23	3.78%			-$ 6.67	-$ 0.36	5.71%
Total Bill on TOU (including OCEB)				**$ 50.16**			**$ 54.72**	**$ 4.56**	**9.09%**			**$ 56.80**	**$ 2.08**	**3.80%**			**$ 60.06**	**$ 3.26**	**5.74%**
Total Bill on RPP (before Taxes)				**$ 47.28**			**$ 51.77**	**$ 4.49**	**9.49%**			**$ 53.81**	**$ 2.04**	**3.95%**			**$ 57.02**	**$ 3.21**	**5.96%**
HST		13%		$ 6.15	13%		$ 6.73	$ 0.58	9.49%	13%		$ 7.00	$ 0.27	3.95%	13%		$ 7.41	$ 0.42	5.96%
Total Bill (including HST)				$ 53.43			$ 58.50	$ 5.07	9.49%			$ 60.81	$ 2.31	3.95%			$ 64.43	$ 3.62	5.96%
Ontario Clean Energy Benefit [1]				-$ 5.34			-$ 5.85	-$ 0.51	9.55%			-$ 6.08	-$ 0.23	3.93%			-$ 6.44	-$ 0.36	5.92%
Total Bill on RPP (including OCEB)				**$ 48.09**			**$ 52.65**	**$ 4.56**	**9.49%**			**$ 54.73**	**$ 2.08**	**3.95%**			**$ 57.99**	**$ 3.26**	**5.96%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: **Residential**

TOU / non-TOU: TOU

Consumption 250 **kWh** May 1 - Octobe

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 26.9800	1	$ 26.98	$ 4.54	20.23%	$ 31.2900	1	$ 31.29	$ 4.31	15.97%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	250	$ 5.85	$ 0.0060	250	$ 1.50	-$ 1.38	-47.83%	$ -	250	$ -	-$ 1.50	-100.00%
Smart Meter Disposition Rider			250	$ -		250	$ -	$ -			250	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	250	$ -	$ -	250	$ -	$ -		$ -	250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -	
Sub-Total A (excluding pass through)				$ 15.52			$ 28.48	**$ 3.17**	**12.50%**			$ 31.29	**$ 2.81**	**9.87%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	250	$ -		250	$ -	$ -			250	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			250	$ -		250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -	
			250	$ -		250	$ -	$ -			250	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	259	$ 0.02	$ 0.00007	258	$ 0.02	$ -	0.00%	$ 0.00007	258	$ 0.02	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	9	$ 0.91	$ 0.1021	8	$ 0.86	$ -	0.00%	$ 0.1021	8	$ 0.86	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 17.24**			**$ 30.15**	**$ 3.17**	**11.73%**			**$ 32.96**	**$ 2.81**	**9.32%**
RTSR - Network	per kWh	$ 0.0077	259	$ 1.99	$ 0.0077	258	$ 1.99	$ -	0.00%	$ 0.0077	258	$ 1.99	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	259	$ 1.09	$ 0.0042	258	$ 1.09	$ -	0.00%	$ 0.0042	258	$ 1.09	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 20.32**			**$ 33.23**	**$ 3.17**	**10.53%**			**$ 36.04**	**$ 2.81**	**8.46%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	259	$ 1.14	$ 0.0044	258	$ 1.14	$ -	0.00%	$ 0.0044	258	$ 1.14	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	259	$ 0.34	$ 0.0013	258	$ 0.34	$ -	0.00%	$ 0.0013	258	$ 0.34	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	250	$ 1.74	$ 0.0069	250	$ 1.74	$ -	0.00%	$ 0.0069	250	$ 1.74	$ -	0.00%
TOU - Off Peak		$ 0.0800	160	$ 12.80	$ 0.0800	160	$ 12.80	$ -	0.00%	$ 0.0800	160	$ 12.80	$ -	0.00%
TOU - Mid Peak		$ 0.1220	45	$ 5.49	$ 0.1220	45	$ 5.49	$ -	0.00%	$ 0.1220	45	$ 5.49	$ -	0.00%
TOU - On Peak		$ 0.1610	45	$ 7.25	$ 0.1610	45	$ 7.25	$ -	0.00%	$ 0.1610	45	$ 7.25	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	250	$ 23.50	$ 0.0940	250	$ 23.50	$ -	0.00%	$ 0.0940	250	$ 23.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 49.32**			**$ 62.22**	**$ 3.16**	**5.36%**			**$ 65.03**	**$ 2.81**	**4.52%**
HST		13%		$ 6.41	13%		$ 8.09	$ 0.41	5.36%	13%		$ 8.45	$ 0.37	4.52%
Total Bill (including HST)				$ 55.73			$ 70.31	$ 3.58	5.36%			$ 73.48	$ 3.18	4.52%
Ontario Clean Energy Benefit [1]				-$ 5.57			-$ 7.03	-$ 0.36	5.40%			-$ 7.35	-$ 0.32	4.55%
Total Bill on TOU (including OCEB)				**$ 50.16**			**$ 63.28**	**$ 3.22**	**5.36%**			**$ 66.13**	**$ 2.86**	**4.51%**
Total Bill on RPP (before Taxes)				**$ 47.28**			**$ 60.18**	**$ 3.17**	**5.55%**			**$ 62.99**	**$ 2.81**	**4.67%**
HST		13%		$ 6.15	13%		$ 7.82	$ 0.41	5.55%	13%		$ 8.19	$ 0.37	4.67%
Total Bill (including HST)				$ 53.43			$ 68.01	$ 3.58	5.55%			$ 71.18	$ 3.18	4.67%
Ontario Clean Energy Benefit [1]				-$ 5.34			-$ 6.80	-$ 0.36	5.59%			-$ 7.12	-$ 0.32	4.71%
Total Bill on RPP (including OCEB)				**$ 48.09**			**$ 61.21**	**$ 3.22**	**5.55%**			**$ 64.06**	**$ 2.86**	**4.66%**

Loss Factor (%) 3.5800% 3.3800% 3.3800%

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Appendix 2-W
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 500 kWh ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 13.8800	1	$ 13.88	$ 4.21	43.54%	$ 18.0100	1	$ 18.01	$ 4.13	29.76%	$ 22.4400	1	$ 22.44	$ 4.43	24.60%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	500	$ 11.70	$ 0.0207	500	$ 10.35	-$ 1.35	-11.54%	$ 0.0164	500	$ 8.20	-$ 2.15	-20.77%	$ 0.0115	500	$ 5.75	-$ 2.45	-29.88%
Smart Meter Disposition Rider			500	$ -		500	$ -	$ -			500	$ -	$ -			500	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	500	$ -	-$ 0.00002	500	-$ 0.01	-$ 0.01		$ -	500	$ -	$ 0.01	-100.00%	$ -	500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -			500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 21.37			$ 24.22	**$ 2.85**	**13.34%**			$ 26.21	**$ 1.99**	**8.22%**			$ 28.19	**$ 1.98**	**7.55%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	500	$ -	-$ 0.0006	500	-$ 0.29	-$ 0.29			500	$ -	$ 0.29	-100.00%		500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			500	$ -	$ 1.1600	1	$ 1.16	$ 1.16			500	$ -	-$ 1.16	-100.00%		500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -			500	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	518	$ 0.03	$ 0.00007	517	$ 0.04	$ 0.01	16.44%	$ 0.00007	517	$ 0.04	$ -	0.00%	$ 0.00007	517	$ 0.04	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	18	$ 1.83	$ 0.1021	17	$ 1.73	-$ 0.10	-5.59%	$ 0.1021	17	$ 1.73	$ -	0.00%	$ 0.1021	17	$ 1.73	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 24.02**			**$ 27.64**	**$ 3.62**	**15.09%**			**$ 28.76**	**$ 1.12**	**4.05%**			**$ 30.74**	**$ 1.98**	**6.88%**
RTSR - Network	per kWh	$ 0.0077	518	$ 3.99	$ 0.0077	517	$ 3.98	-$ 0.01	-0.19%	$ 0.0077	517	$ 3.98	$ -	0.00%	$ 0.0077	517	$ 3.98	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	518	$ 2.18	$ 0.0042	517	$ 2.17	-$ 0.00	-0.19%	$ 0.0042	517	$ 2.17	$ -	0.00%	$ 0.0042	517	$ 2.17	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 30.18**			**$ 33.79**	**$ 3.61**	**11.97%**			**$ 34.91**	**$ 1.12**	**3.31%**			**$ 36.89**	**$ 1.98**	**5.67%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	518	$ 2.28	$ 0.0044	517	$ 2.27	-$ 0.00	-0.19%	$ 0.0044	517	$ 2.27	$ -	0.00%	$ 0.0044	517	$ 2.27	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	518	$ 0.67	$ 0.0013	517	$ 0.67	-$ 0.00	-0.19%	$ 0.0013	517	$ 0.67	$ -	0.00%	$ 0.0013	517	$ 0.67	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	500	$ 3.47	$ 0.0069	500	$ 3.47	$ -	0.00%	$ 0.0069	500	$ 3.47	$ -	0.00%	$ 0.0069	500	$ 3.47	$ -	0.00%
TOU - Off Peak		$ 0.0800	320	$ 25.60	$ 0.0800	320	$ 25.60	$ -	0.00%	$ 0.0800	320	$ 25.60	$ -	0.00%	$ 0.0800	320	$ 25.60	$ -	0.00%
TOU - Mid Peak		$ 0.1220	90	$ 10.98	$ 0.1220	90	$ 10.98	$ -	0.00%	$ 0.1220	90	$ 10.98	$ -	0.00%	$ 0.1220	90	$ 10.98	$ -	0.00%
TOU - On Peak		$ 0.1610	90	$ 14.49	$ 0.1610	90	$ 14.49	$ -	0.00%	$ 0.1610	90	$ 14.49	$ -	0.00%	$ 0.1610	90	$ 14.49	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	500	$ 47.00	$ 0.0940	500	$ 47.00	$ -	0.00%	$ 0.0940	500	$ 47.00	$ -	0.00%	$ 0.0940	500	$ 47.00	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 87.92**			**$ 91.53**	**$ 3.61**	**4.10%**			**$ 92.65**	**$ 1.12**	**1.22%**			**$ 94.63**	**$ 1.98**	**2.14%**
HST		13%		$ 11.43	13%		$ 11.90	$ 0.47	4.10%	13%		$ 12.04	$ 0.15	1.22%	13%		$ 12.30	$ 0.26	2.14%
Total Bill (including HST)				$ 99.35			$ 103.43	$ 4.08	4.10%			$ 104.69	$ 1.26	1.22%			$ 106.93	$ 2.24	2.14%
Ontario Clean Energy Benefit [1]				-$ 9.94			-$ 10.34	-$ 0.40	4.02%			-$ 10.47	-$ 0.13	1.26%			-$ 10.69	-$ 0.22	2.10%
Total Bill on TOU (including OCEB)				**$ 89.41**			**$ 93.09**	**$ 3.68**	**4.11%**			**$ 94.22**	**$ 1.13**	**1.22%**			**$ 96.24**	**$ 2.02**	**2.14%**
Total Bill on RPP (before Taxes)				**$ 83.85**			**$ 87.46**	**$ 3.61**	**4.30%**			**$ 88.58**	**$ 1.12**	**1.28%**			**$ 90.56**	**$ 1.98**	**2.24%**
HST		13%		$ 10.90	13%		$ 11.37	$ 0.47	4.30%	13%		$ 11.52	$ 0.15	1.28%	13%		$ 11.77	$ 0.26	2.24%
Total Bill (including HST)				$ 94.76			$ 98.83	$ 4.08	4.30%			$ 100.10	$ 1.26	1.28%			$ 102.33	$ 2.24	2.24%
Ontario Clean Energy Benefit [1]				-$ 9.48			-$ 9.88	-$ 0.40	4.22%			-$ 10.01	-$ 0.13	1.32%			-$ 10.23	-$ 0.22	2.20%
Total Bill on RPP (including OCEB)				**$ 85.28**			**$ 88.95**	**$ 3.68**	**4.31%**			**$ 90.09**	**$ 1.13**	**1.28%**			**$ 92.10**	**$ 2.02**	**2.24%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: **Residential**

TOU / non-TOU: TOU

Consumption 500 **kWh** May 1 - October

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2019 Proposed Rate ($)	2019 Proposed Volume	2019 Proposed Charge ($)	Impact 2019 vs 2018 $ Change	Impact 2019 vs 2018 % Change	2020 Proposed Rate ($)	2020 Proposed Volume	2020 Proposed Charge ($)	Impact 2020 vs 2019 $ Change	Impact 2020 vs 2019 % Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 26.9800	1	$ 26.98	$ 4.54	20.23%	$ 31.2900	1	$ 31.29	$ 4.31	15.97%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	500	$ 11.70	$ 0.0060	500	$ 3.00	-$ 2.75	-47.83%	$ -	500	$ -	-$ 3.00	-100.00%
Smart Meter Disposition Rider			500	$ -		500	$ -	$ -			500	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	500	$ -	$ -	500	$ -	$ -		$ -	500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 21.37			$ 29.98	**$ 1.79**	**6.35%**			$ 31.29	**$ 1.31**	**4.37%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	500	$ -		500	$ -	$ -			500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			500	$ -		500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -	
			500	$ -		500	$ -	$ -			500	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	518	$ 0.03	$ 0.00007	517	$ 0.04	$ -	0.00%	$ 0.00007	517	$ 0.04	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	18	$ 1.83	$ 0.1021	17	$ 1.73	$ -	0.00%	$ 0.1021	17	$ 1.73	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 24.02**			**$ 32.53**	**$ 1.79**	**5.82%**			**$ 33.84**	**$ 1.31**	**4.03%**
RTSR - Network	per kWh	$ 0.0077	518	$ 3.99	$ 0.0077	517	$ 3.98	$ -	0.00%	$ 0.0077	517	$ 3.98	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	518	$ 2.18	$ 0.0042	517	$ 2.17	$ -	0.00%	$ 0.0042	517	$ 2.17	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 30.18**			**$ 38.68**	**$ 1.79**	**4.85%**			**$ 39.99**	**$ 1.31**	**3.39%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	518	$ 2.28	$ 0.0044	517	$ 2.27	$ -	0.00%	$ 0.0044	517	$ 2.27	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	518	$ 0.67	$ 0.0013	517	$ 0.67	$ -	0.00%	$ 0.0013	517	$ 0.67	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	500	$ 3.47	$ 0.0069	500	$ 3.47	$ -	0.00%	$ 0.0069	500	$ 3.47	$ -	0.00%
TOU - Off Peak		$ 0.0800	320	$ 25.60	$ 0.0800	320	$ 25.60	$ -	0.00%	$ 0.0800	320	$ 25.60	$ -	0.00%
TOU - Mid Peak		$ 0.1220	90	$ 10.98	$ 0.1220	90	$ 10.98	$ -	0.00%	$ 0.1220	90	$ 10.98	$ -	0.00%
TOU - On Peak		$ 0.1610	90	$ 14.49	$ 0.1610	90	$ 14.49	$ -	0.00%	$ 0.1610	90	$ 14.49	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	500	$ 47.00	$ 0.0940	500	$ 47.00	$ -	0.00%	$ 0.0940	500	$ 47.00	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 87.92**			**$ 96.42**	**$ 1.79**	**1.89%**			**$ 97.73**	**$ 1.31**	**1.36%**
HST		13%		$ 11.43	13%		$ 12.53	$ 0.23	1.89%	13%		$ 12.70	$ 0.17	1.36%
Total Bill (including HST)				$ 99.35			$ 108.95	$ 2.02	1.89%			$ 110.43	$ 1.48	1.36%
Ontario Clean Energy Benefit [1]				-$ 9.94			-$ 10.90	-$ 0.21	1.96%			-$ 11.04	-$ 0.14	1.28%
Total Bill on TOU (including OCEB)				**$ 89.41**			**$ 98.05**	**$ 1.81**	**1.88%**			**$ 99.39**	**$ 1.34**	**1.37%**
Total Bill on RPP (before Taxes)				**$ 83.85**			**$ 92.35**	**$ 1.79**	**1.98%**			**$ 93.66**	**$ 1.31**	**1.42%**
HST		13%		$ 10.90	13%		$ 12.01	$ 0.23	1.98%	13%		$ 12.18	$ 0.17	1.42%
Total Bill (including HST)				$ 94.76			$ 104.36	$ 2.02	1.98%			$ 105.84	$ 1.48	1.42%
Ontario Clean Energy Benefit [1]				-$ 9.48			-$ 10.44	-$ 0.21	2.05%			-$ 10.58	-$ 0.14	1.34%
Total Bill on RPP (including OCEB)				**$ 85.28**			**$ 93.92**	**$ 1.81**	**1.97%**			**$ 95.26**	**$ 1.34**	**1.43%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

1 1

Appendix 2-W
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 Oct 31)

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 13.8800	1	$ 13.88	$ 4.21	43.54%	$ 18.0100	1	$ 18.01	$ 4.13	29.76%	$ 22.4400	1	$ 22.44	$ 4.43	24.60%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	800	$ 18.72	$ 0.0207	800	$ 16.56	-$ 2.16	-11.54%	$ 0.0164	800	$ 13.12	-$ 3.44	-20.77%	$ 0.0115	800	$ 9.20	-$ 3.92	-29.88%
Smart Meter Disposition Rider			800	$ -		800	$ -	$ -			800	$ -	$ -			800	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	800	$ -	-$ 0.00002	800	-$ 0.02	-$ 0.02		$ -	800	$ -	$ 0.02	-100.00%	$ -	800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -			800	$ -	$ -	
Sub-Total A (excluding pass through)				$ 28.39			$ 30.42	**$ 2.03**	**7.16%**			$ 31.13	**$ 0.71**	**2.32%**			$ 31.64	**$ 0.51**	**1.64%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	800	$ -	-$ 0.0006	800	-$ 0.46	-$ 0.46			800	$ -	$ 0.46	-100.00%		800	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			800	$ -	$ 1.1600	1	$ 1.16	$ 1.16			800	$ -	-$ 1.16	-100.00%		800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -			800	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	829	$ 0.05	$ 0.00007	827	$ 0.06	$ 0.01	16.44%	$ 0.00007	827	$ 0.06	$ -	0.00%	$ 0.00007	827	$ 0.06	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	29	$ 2.93	$ 0.1021	27	$ 2.76	-$ 0.16	-5.59%	$ 0.1021	27	$ 2.76	$ -	0.00%	$ 0.1021	27	$ 2.76	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 32.16**			**$ 34.73**	**$ 2.58**	**8.01%**			**$ 34.74**	**$ 0.01**	**0.02%**			**$ 35.25**	**$ 0.51**	**1.47%**
RTSR - Network	per kWh	$ 0.0077	829	$ 6.38	$ 0.0077	827	$ 6.37	-$ 0.01	-0.19%	$ 0.0077	827	$ 6.37	$ -	0.00%	$ 0.0077	827	$ 6.37	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	829	$ 3.48	$ 0.0042	827	$ 3.47	-$ 0.01	-0.19%	$ 0.0042	827	$ 3.47	$ -	0.00%	$ 0.0042	827	$ 3.47	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 42.02**			**$ 44.57**	**$ 2.56**	**6.09%**			**$ 44.58**	**$ 0.01**	**0.02%**			**$ 45.09**	**$ 0.51**	**1.14%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	829	$ 3.65	$ 0.0044	827	$ 3.64	-$ 0.01	-0.19%	$ 0.0044	827	$ 3.64	$ -	0.00%	$ 0.0044	827	$ 3.64	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	829	$ 1.08	$ 0.0013	827	$ 1.08	-$ 0.00	-0.19%	$ 0.0013	827	$ 1.08	$ -	0.00%	$ 0.0013	827	$ 1.08	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	800	$ 5.55	$ 0.0069	800	$ 5.55	$ -	0.00%	$ 0.0069	800	$ 5.55	$ -	0.00%	$ 0.0069	800	$ 5.55	$ -	0.00%
TOU - Off Peak		$ 0.0800	512	$ 40.96	$ 0.0800	512	$ 40.96	$ -	0.00%	$ 0.0800	512	$ 40.96	$ -	0.00%	$ 0.0800	512	$ 40.96	$ -	0.00%
TOU - Mid Peak		$ 0.1220	144	$ 17.57	$ 0.1220	144	$ 17.57	$ -	0.00%	$ 0.1220	144	$ 17.57	$ -	0.00%	$ 0.1220	144	$ 17.57	$ -	0.00%
TOU - On Peak		$ 0.1610	144	$ 23.18	$ 0.1610	144	$ 23.18	$ -	0.00%	$ 0.1610	144	$ 23.18	$ -	0.00%	$ 0.1610	144	$ 23.18	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	600	$ 56.40	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	200	$ 22.00	$ 0.1100	200	$ 22.00	$ -	0.00%	$ 0.1100	200	$ 22.00	$ -	0.00%	$ 0.1100	200	$ 22.00	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 134.25**			**$ 136.80**	**$ 2.55**	**1.90%**			**$ 136.81**	**$ 0.01**	**0.01%**			**$ 137.32**	**$ 0.51**	**0.37%**
HST		13%		$ 17.45	13%		$ 17.78	$ 0.33	1.90%	13%		$ 17.79	$ 0.00	0.01%	13%		$ 17.85	$ 0.07	0.37%
Total Bill (including HST)				$ 151.71			$ 154.59	$ 2.88	1.90%			$ 154.59	$ 0.01	0.01%			$ 155.17	$ 0.58	0.37%
Ontario Clean Energy Benefit [1]				-$ 15.17			-$ 15.46	-$ 0.29	1.91%			-$ 15.46	$ -	0.00%			-$ 15.52	-$ 0.06	0.39%
Total Bill on TOU (including OCEB)				**$ 136.54**			**$ 139.13**	**$ 2.59**	**1.90%**			**$ 139.13**	**$ 0.01**	**0.01%**			**$ 139.65**	**$ 0.52**	**0.37%**
Total Bill on RPP (before Taxes)				**$ 130.94**			**$ 133.49**	**$ 2.55**	**1.95%**			**$ 133.50**	**$ 0.01**	**0.01%**			**$ 134.01**	**$ 0.51**	**0.38%**
HST		13%		$ 17.02	13%		$ 17.35	$ 0.33	1.95%	13%		$ 17.35	$ 0.00	0.01%	13%		$ 17.42	$ 0.07	0.38%
Total Bill (including HST)				$ 147.96			$ 150.84	$ 2.88	1.95%			$ 150.85	$ 0.01	0.01%			$ 151.43	$ 0.58	0.38%
Ontario Clean Energy Benefit [1]				-$ 14.80			-$ 15.08	-$ 0.28	1.89%			-$ 15.09	-$ 0.01	0.07%			-$ 15.14	-$ 0.05	0.33%
Total Bill on RPP (including OCEB)				**$ 133.16**			**$ 135.76**	**$ 2.60**	**1.95%**			**$ 135.76**	**-$ 0.00**	**0.00%**			**$ 136.29**	**$ 0.53**	**0.39%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: **Residential**

TOU / non-TOU: TOU

Consumption 800 **kWh** ● May 1 - October 3

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 26.9800	1	$ 26.98	$ 4.54	20.23%	$ 31.2900	1	$ 31.29	$ 4.31	15.97%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	800	$ 18.72	$ 0.0060	800	$ 4.80	-$ 4.40	-47.83%	$ -	800	$ -	-$ 4.80	-100.00%
Smart Meter Disposition Rider			800	$ -		800	$ -	$ -			800	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	800	$ -	$ -	800	$ -	$ -		$ -	800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -	
Sub-Total A (excluding pass through)				$ 28.39			$ 31.78	**$ 0.14**	**0.44%**			$ 31.29	**-$ 0.49**	**-1.54%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	800	$ -		800	$ -	$ -			800	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			800	$ -		800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -	
			800	$ -		800	$ -	$ -			800	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	829	$ 0.05	$ 0.00007	827	$ 0.06	$ -	0.00%	$ 0.00007	827	$ 0.06	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	29	$ 2.93	$ 0.1021	27	$ 2.76	$ -	0.00%	$ 0.1021	27	$ 2.76	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 32.16**			**$ 35.39**	**$ 0.14**	**0.40%**			**$ 34.90**	**-$ 0.49**	**-1.38%**
RTSR - Network	per kWh	$ 0.0077	829	$ 6.38	$ 0.0077	827	$ 6.37	$ -	0.00%	$ 0.0077	827	$ 6.37	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	829	$ 3.48	$ 0.0042	827	$ 3.47	$ -	0.00%	$ 0.0042	827	$ 3.47	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 42.02**			**$ 45.23**	**$ 0.14**	**0.31%**			**$ 44.74**	**-$ 0.49**	**-1.08%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	829	$ 3.65	$ 0.0044	827	$ 3.64	$ -	0.00%	$ 0.0044	827	$ 3.64	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	829	$ 1.08	$ 0.0013	827	$ 1.08	$ -	0.00%	$ 0.0013	827	$ 1.08	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	800	$ 5.55	$ 0.0069	800	$ 5.55	$ -	0.00%	$ 0.0069	800	$ 5.55	$ -	0.00%
TOU - Off Peak		$ 0.0800	512	$ 40.96	$ 0.0800	512	$ 40.96	$ -	0.00%	$ 0.0800	512	$ 40.96	$ -	0.00%
TOU - Mid Peak		$ 0.1220	144	$ 17.57	$ 0.1220	144	$ 17.57	$ -	0.00%	$ 0.1220	144	$ 17.57	$ -	0.00%
TOU - On Peak		$ 0.1610	144	$ 23.18	$ 0.1610	144	$ 23.18	$ -	0.00%	$ 0.1610	144	$ 23.18	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	600	$ 56.40	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	200	$ 22.00	$ 0.1100	200	$ 22.00	$ -	0.00%	$ 0.1100	200	$ 22.00	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 134.25**			**$ 137.46**	**$ 0.14**	**0.10%**			**$ 136.97**	**-$ 0.49**	**-0.36%**
HST		13%		$ 17.45	13%		$ 17.87	$ 0.02	0.10%	13%		$ 17.81	-$ 0.06	-0.36%
Total Bill (including HST)				$ 151.71			$ 155.33	$ 0.16	0.10%			$ 154.78	-$ 0.55	-0.36%
Ontario Clean Energy Benefit [1]				-$ 15.17			-$ 15.53	-$ 0.01	0.06%			-$ 15.48	$ 0.05	-0.32%
Total Bill on TOU (including OCEB)				**$ 136.54**			**$ 139.80**	**$ 0.15**	**0.11%**			**$ 139.30**	**-$ 0.50**	**-0.36%**
Total Bill on RPP (before Taxes)				**$ 130.94**			**$ 134.15**	**$ 0.14**	**0.10%**			**$ 133.66**	**-$ 0.49**	**-0.37%**
HST		13%		$ 17.02	13%		$ 17.44	$ 0.02	0.10%	13%		$ 17.38	-$ 0.06	-0.37%
Total Bill (including HST)				$ 147.96			$ 151.59	$ 0.16	0.10%			$ 151.03	-$ 0.55	-0.37%
Ontario Clean Energy Benefit [1]				-$ 14.80			-$ 15.16	-$ 0.02	0.13%			-$ 15.10	$ 0.06	-0.40%
Total Bill on RPP (including OCEB)				**$ 133.16**			**$ 136.43**	**$ 0.14**	**0.10%**			**$ 135.93**	**-$ 0.49**	**-0.36%**

Loss Factor (%) 3.5800% 3.3800% 3.3800%

1 1

Appendix 2-W
Bill Impacts

Customer Class: **Residential**

TOU / non-TOU: TOU

Consumption 1,000 **kWh** ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 13.8800	1	$ 13.88	$ 4.21	43.54%	$ 18.0100	1	$ 18.01	$ 4.13	29.76%	$ 22.4400	1	$ 22.44	$ 4.43	24.60%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	1000	$ 23.40	$ 0.0207	1000	$ 20.70	-$ 2.70	-11.54%	$ 0.0164	1000	$ 16.40	-$ 4.30	-20.77%	$ 0.0115	1000	$ 11.50	-$ 4.90	-29.88%
Smart Meter Disposition Rider			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	1000	$ -	-$ 0.00002	1000	-$ 0.02	-$ 0.02		$ -	1000	$ -	$ 0.02	-100.00%	$ -	1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 33.07			$ 34.56	**$ 1.49**	**4.51%**			$ 34.41	**-$ 0.15**	**-0.43%**			$ 33.94	**-$ 0.47**	**-1.37%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	1000	$ -	-$ 0.0006	1000	-$ 0.58	-$ 0.58			1000	$ -	$ 0.58	-100.00%		1000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			1000	$ -	$ 1.1600	1	$ 1.16	$ 1.16			1000	$ -	-$ 1.16	-100.00%		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	1,036	$ 0.06	$ 0.00007	1,034	$ 0.07	$ 0.01	16.44%	$ 0.00007	1,034	$ 0.07	$ -	0.00%	$ 0.00007	1,034	$ 0.07	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	36	$ 3.66	$ 0.1021	34	$ 3.45	-$ 0.20	-5.59%	$ 0.1021	34	$ 3.45	$ -	0.00%	$ 0.1021	34	$ 3.45	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 37.58**			**$ 39.46**	**$ 1.88**	**5.00%**			**$ 38.72**	**-$ 0.73**	**-1.86%**			**$ 38.25**	**-$ 0.47**	**-1.21%**
RTSR - Network	per kWh	$ 0.0077	1036	$ 7.98	$ 0.0077	1034	$ 7.96	-$ 0.02	-0.19%	$ 0.0077	1034	$ 7.96	$ -	0.00%	$ 0.0077	1034	$ 7.96	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	1036	$ 4.35	$ 0.0042	1034	$ 4.34	-$ 0.01	-0.19%	$ 0.0042	1034	$ 4.34	$ -	0.00%	$ 0.0042	1034	$ 4.34	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 49.90**			**$ 51.76**	**$ 1.85**	**3.72%**			**$ 51.03**	**-$ 0.73**	**-1.41%**			**$ 50.56**	**-$ 0.47**	**-0.92%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	1036	$ 4.56	$ 0.0044	1034	$ 4.55	-$ 0.01	-0.19%	$ 0.0044	1034	$ 4.55	$ -	0.00%	$ 0.0044	1034	$ 4.55	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1036	$ 1.35	$ 0.0013	1034	$ 1.34	-$ 0.00	-0.19%	$ 0.0013	1034	$ 1.34	$ -	0.00%	$ 0.0013	1034	$ 1.34	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	1000	$ 6.94	$ 0.0069	1000	$ 6.94	$ -	0.00%	$ 0.0069	1000	$ 6.94	$ -	0.00%	$ 0.0069	1000	$ 6.94	$ -	0.00%
TOU - Off Peak		$ 0.0800	640	$ 51.20	$ 0.0800	640	$ 51.20	$ -	0.00%	$ 0.0800	640	$ 51.20	$ -	0.00%	$ 0.0800	640	$ 51.20	$ -	0.00%
TOU - Mid Peak		$ 0.1220	180	$ 21.96	$ 0.1220	180	$ 21.96	$ -	0.00%	$ 0.1220	180	$ 21.96	$ -	0.00%	$ 0.1220	180	$ 21.96	$ -	0.00%
TOU - On Peak		$ 0.1610	180	$ 28.98	$ 0.1610	180	$ 28.98	$ -	0.00%	$ 0.1610	180	$ 28.98	$ -	0.00%	$ 0.1610	180	$ 28.98	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	600	$ 56.40	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	400	$ 44.00	$ 0.1100	400	$ 44.00	$ -	0.00%	$ 0.1100	400	$ 44.00	$ -	0.00%	$ 0.1100	400	$ 44.00	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 165.14**			**$ 166.98**	**$ 1.84**	**1.12%**			**$ 166.25**	**-$ 0.73**	**-0.44%**			**$ 165.78**	**-$ 0.47**	**-0.28%**
HST		13%		$ 21.47	13%		$ 21.71	$ 0.24	1.12%	13%		$ 21.61	-$ 0.10	-0.44%	13%		$ 21.55	-$ 0.06	-0.28%
Total Bill (including HST)				$ 186.61			$ 188.69	$ 2.08	1.12%			$ 187.86	-$ 0.83	-0.44%			$ 187.33	-$ 0.53	-0.28%
Ontario Clean Energy Benefit [1]				-$ 18.66			-$ 18.87	-$ 0.21	1.13%			-$ 18.79	$ 0.08	-0.42%			-$ 18.73	$ 0.06	-0.32%
Total Bill on TOU (including OCEB)				**$ 167.95**			**$ 169.82**	**$ 1.87**	**1.11%**			**$ 169.07**	**-$ 0.75**	**-0.44%**			**$ 168.60**	**-$ 0.47**	**-0.28%**
Total Bill on RPP (before Taxes)				**$ 163.40**			**$ 165.24**	**$ 1.84**	**1.13%**			**$ 164.51**	**-$ 0.73**	**-0.44%**			**$ 164.04**	**-$ 0.47**	**-0.29%**
HST		13%		$ 21.24	13%		$ 21.48	$ 0.24	1.13%	13%		$ 21.39	-$ 0.10	-0.44%	13%		$ 21.33	-$ 0.06	-0.29%
Total Bill (including HST)				$ 184.64			$ 186.72	$ 2.08	1.13%			$ 185.90	-$ 0.83	-0.44%			$ 185.36	-$ 0.53	-0.29%
Ontario Clean Energy Benefit [1]				-$ 18.46			-$ 18.67	-$ 0.21	1.14%			-$ 18.59	$ 0.08	-0.43%			-$ 18.54	$ 0.05	-0.27%
Total Bill on RPP (including OCEB)				**$ 166.18**			**$ 168.05**	**$ 1.87**	**1.13%**			**$ 167.31**	**-$ 0.75**	**-0.44%**			**$ 166.82**	**-$ 0.48**	**-0.29%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

1 1

Appendix 2-W
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 1,000 **kWh** May 1 - October 3

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2019 Proposed Rate ($)	2019 Proposed Volume	2019 Proposed Charge ($)	Impact 2019 vs 2018 $ Change	Impact 2019 vs 2018 % Change	2020 Proposed Rate ($)	2020 Proposed Volume	2020 Proposed Charge ($)	Impact 2020 vs 2019 $ Change	Impact 2020 vs 2019 % Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 26.9800	1	$ 26.98	$ 4.54	20.23%	$ 31.2900	1	$ 31.29	$ 4.31	15.97%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	1000	$ 23.40	$ 0.0060	1000	$ 6.00	-$ 5.50	-47.83%	$ -	1000	$ -	-$ 6.00	-100.00%
Smart Meter Disposition Rider			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	1000	$ -	$ -	1000	$ -	$ -		$ -	1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 33.07			$ 32.98	**-$ 0.96**	**-2.83%**			$ 31.29	**-$ 1.69**	**-5.12%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	1,036	$ 0.06	$ 0.00007	1,034	$ 0.07	$ -	0.00%	$ 0.00007	1,034	$ 0.07	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	36	$ 3.66	$ 0.1021	34	$ 3.45	$ -	0.00%	$ 0.1021	34	$ 3.45	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 37.58**			**$ 37.29**	**-$ 0.96**	**-2.51%**			**$ 35.60**	**-$ 1.69**	**-4.53%**
RTSR - Network	per kWh	$ 0.0077	1036	$ 7.98	$ 0.0077	1034	$ 7.96	$ -	0.00%	$ 0.0077	1034	$ 7.96	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	1036	$ 4.35	$ 0.0042	1034	$ 4.34	$ -	0.00%	$ 0.0042	1034	$ 4.34	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 49.90**			**$ 49.60**	**-$ 0.96**	**-1.90%**			**$ 47.91**	**-$ 1.69**	**-3.41%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	1036	$ 4.56	$ 0.0044	1034	$ 4.55	$ -	0.00%	$ 0.0044	1034	$ 4.55	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1036	$ 1.35	$ 0.0013	1034	$ 1.34	$ -	0.00%	$ 0.0013	1034	$ 1.34	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	1000	$ 6.94	$ 0.0069	1000	$ 6.94	$ -	0.00%	$ 0.0069	1000	$ 6.94	$ -	0.00%
TOU - Off Peak		$ 0.0800	640	$ 51.20	$ 0.0800	640	$ 51.20	$ -	0.00%	$ 0.0800	640	$ 51.20	$ -	0.00%
TOU - Mid Peak		$ 0.1220	180	$ 21.96	$ 0.1220	180	$ 21.96	$ -	0.00%	$ 0.1220	180	$ 21.96	$ -	0.00%
TOU - On Peak		$ 0.1610	180	$ 28.98	$ 0.1610	180	$ 28.98	$ -	0.00%	$ 0.1610	180	$ 28.98	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	600	$ 56.40	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	400	$ 44.00	$ 0.1100	400	$ 44.00	$ -	0.00%	$ 0.1100	400	$ 44.00	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 165.14**			**$ 164.82**	**-$ 0.96**	**-0.58%**			**$ 163.13**	**-$ 1.69**	**-1.03%**
HST		13%		$ 21.47	13%		$ 21.43	-$ 0.12	-0.58%	13%		$ 21.21	-$ 0.22	-1.03%
Total Bill (including HST)				$ 186.61			$ 186.25	-$ 1.08	-0.58%			$ 184.34	-$ 1.91	-1.03%
Ontario Clean Energy Benefit [1]				-$ 18.66			-$ 18.62	$ 0.11	-0.59%			-$ 18.43	$ 0.19	-1.02%
Total Bill on TOU (including OCEB)				**$ 167.95**			**$ 167.63**	**-$ 0.97**	**-0.58%**			**$ 165.91**	**-$ 1.72**	**-1.03%**
Total Bill on RPP (before Taxes)				**$ 163.40**			**$ 163.08**	**-$ 0.96**	**-0.59%**			**$ 161.39**	**-$ 1.69**	**-1.04%**
HST		13%		$ 21.24	13%		$ 21.20	-$ 0.12	-0.59%	13%		$ 20.98	-$ 0.22	-1.04%
Total Bill (including HST)				$ 184.64			$ 184.28	-$ 1.08	-0.59%			$ 182.37	-$ 1.91	-1.04%
Ontario Clean Energy Benefit [1]				-$ 18.46			-$ 18.43	$ 0.11	-0.59%			-$ 18.24	$ 0.19	-1.03%
Total Bill on RPP (including OCEB)				**$ 166.18**			**$ 165.85**	**-$ 0.97**	**-0.58%**			**$ 164.13**	**-$ 1.72**	**-1.04%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 1,500 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 13.8800	1	$ 13.88	$ 4.21	43.54%	$ 18.0100	1	$ 18.01	$ 4.13	29.76%	$ 22.4400	1	$ 22.44	$ 4.43	24.60%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	1500	$ 35.10	$ 0.0207	1500	$ 31.05	-$ 4.05	-11.54%	$ 0.0164	1500	$ 24.60	-$ 6.45	-20.77%	$ 0.0115	1500	$ 17.25	-$ 7.35	-29.88%
Smart Meter Disposition Rider			1500	$ -		1500	$ -	$ -			1500	$ -	$ -			1500	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	1500	$ -	-$ 0.00002	1500	-$ 0.03	-$ 0.03		$ -	1500	$ -	$ 0.03	-100.00%	$ -	1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -			1500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 44.77			$ 44.90	**$ 0.13**	**0.29%**			$ 42.61	**-$ 2.29**	**-5.10%**			$ 39.69	**-$ 2.92**	**-6.85%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	1500	$ -	-$ 0.0006	1500	-$ 0.87	-$ 0.87			1500	$ -	$ 0.87	-100.00%		1500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			1500	$ -	$ 1.1600	1	$ 1.16	$ 1.16			1500	$ -	-$ 1.16	-100.00%		1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -			1500	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	1,554	$ 0.09	$ 0.00007	1,551	$ 0.11	$ 0.02	16.44%	$ 0.00007	1,551	$ 0.11	$ -	0.00%	$ 0.00007	1,551	$ 0.11	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	54	$ 5.48	$ 0.1021	51	$ 5.18	-$ 0.31	-5.59%	$ 0.1021	51	$ 5.18	$ -	0.00%	$ 0.1021	51	$ 5.18	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 51.14**			**$ 51.27**	**$ 0.13**	**0.26%**			**$ 48.69**	**-$ 2.58**	**-5.04%**			**$ 45.77**	**-$ 2.92**	**-6.00%**
RTSR - Network	per kWh	$ 0.0077	1554	$ 11.96	$ 0.0077	1551	$ 11.94	-$ 0.02	-0.19%	$ 0.0077	1551	$ 11.94	$ -	0.00%	$ 0.0077	1551	$ 11.94	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	1554	$ 6.53	$ 0.0042	1551	$ 6.51	-$ 0.01	-0.19%	$ 0.0042	1551	$ 6.51	$ -	0.00%	$ 0.0042	1551	$ 6.51	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 69.63**			**$ 69.72**	**$ 0.10**	**0.14%**			**$ 67.14**	**-$ 2.58**	**-3.70%**			**$ 64.22**	**-$ 2.92**	**-4.35%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	1554	$ 6.84	$ 0.0044	1551	$ 6.82	-$ 0.01	-0.19%	$ 0.0044	1551	$ 6.82	$ -	0.00%	$ 0.0044	1551	$ 6.82	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1554	$ 2.02	$ 0.0013	1551	$ 2.02	-$ 0.00	-0.19%	$ 0.0013	1551	$ 2.02	$ -	0.00%	$ 0.0013	1551	$ 2.02	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	1500	$ 10.41	$ 0.0069	1500	$ 10.41	$ -	0.00%	$ 0.0069	1500	$ 10.41	$ -	0.00%	$ 0.0069	1500	$ 10.41	$ -	0.00%
TOU - Off Peak		$ 0.0800	960	$ 76.80	$ 0.0800	960	$ 76.80	$ -	0.00%	$ 0.0800	960	$ 76.80	$ -	0.00%	$ 0.0800	960	$ 76.80	$ -	0.00%
TOU - Mid Peak		$ 0.1220	270	$ 32.94	$ 0.1220	270	$ 32.94	$ -	0.00%	$ 0.1220	270	$ 32.94	$ -	0.00%	$ 0.1220	270	$ 32.94	$ -	0.00%
TOU - On Peak		$ 0.1610	270	$ 43.47	$ 0.1610	270	$ 43.47	$ -	0.00%	$ 0.1610	270	$ 43.47	$ -	0.00%	$ 0.1610	270	$ 43.47	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	600	$ 56.40	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	900	$ 99.00	$ 0.1100	900	$ 99.00	$ -	0.00%	$ 0.1100	900	$ 99.00	$ -	0.00%	$ 0.1100	900	$ 99.00	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 242.35**			**$ 242.43**	**$ 0.08**	**0.03%**			**$ 239.85**	**-$ 2.58**	**-1.07%**			**$ 236.93**	**-$ 2.92**	**-1.22%**
HST		13%		$ 31.51	13%		$ 31.52	$ 0.01	0.03%	13%		$ 31.18	-$ 0.34	-1.07%	13%		$ 30.80	-$ 0.38	-1.22%
Total Bill (including HST)				$ 273.86			$ 273.95	$ 0.09	0.03%			$ 271.03	-$ 2.92	-1.07%			$ 267.73	-$ 3.30	-1.22%
Ontario Clean Energy Benefit [1]				-$ 27.39			-$ 27.39	$ -	0.00%			-$ 27.10	$ 0.29	-1.06%			-$ 26.77	$ 0.33	-1.22%
Total Bill on TOU (including OCEB)				**$ 246.47**			**$ 246.56**	**$ 0.09**	**0.04%**			**$ 243.93**	**-$ 2.63**	**-1.07%**			**$ 240.96**	**-$ 2.97**	**-1.22%**
Total Bill on RPP (before Taxes)				**$ 244.54**			**$ 244.62**	**$ 0.08**	**0.03%**			**$ 242.04**	**-$ 2.58**	**-1.06%**			**$ 239.12**	**-$ 2.92**	**-1.21%**
HST		13%		$ 31.79	13%		$ 31.80	$ 0.01	0.03%	13%		$ 31.47	-$ 0.34	-1.06%	13%		$ 31.09	-$ 0.38	-1.21%
Total Bill (including HST)				$ 276.33			$ 276.42	$ 0.09	0.03%			$ 273.50	-$ 2.92	-1.06%			$ 270.20	-$ 3.30	-1.21%
Ontario Clean Energy Benefit [1]				-$ 27.63			-$ 27.64	-$ 0.01	0.04%			-$ 27.35	$ 0.29	-1.05%			-$ 27.02	$ 0.33	-1.21%
Total Bill on RPP (including OCEB)				**$ 248.70**			**$ 248.78**	**$ 0.08**	**0.03%**			**$ 246.15**	**-$ 2.63**	**-1.06%**			**$ 243.18**	**-$ 2.97**	**-1.21%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

1 1

Appendix 2-W
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 1,500 kWh ● May 1 - October 31

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 26.9800	1	$ 26.98	$ 4.54	20.23%	$ 31.2900	1	$ 31.29	$ 4.31	15.97%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	1500	$ 35.10	$ 0.0060	1500	$ 9.00	-$ 8.25	-47.83%	$ -	1500	$ -	-$ 9.00	-100.00%
Smart Meter Disposition Rider		-	1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	1500	$ -	$ -	1500	$ -	$ -		$ -	1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 44.77			$ 35.98	**-$ 3.71**	**-9.35%**			$ 31.29	**-$ 4.69**	**-13.04%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -			1500	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	1,554	$ 0.09	$ 0.00007	1,551	$ 0.11	$ -	0.00%	$ 0.00007	1,551	$ 0.11	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	54	$ 5.48	$ 0.1021	51	$ 5.18	$ -	0.00%	$ 0.1021	51	$ 5.18	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 51.14**			**$ 42.06**	**-$ 3.71**	**-8.11%**			**$ 37.37**	**-$ 4.69**	**-11.15%**
RTSR - Network	per kWh	$ 0.0077	1554	$ 11.96	$ 0.0077	1551	$ 11.94	$ -	0.00%	$ 0.0077	1551	$ 11.94	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	1554	$ 6.53	$ 0.0042	1551	$ 6.51	$ -	0.00%	$ 0.0042	1551	$ 6.51	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 69.63**			**$ 60.51**	**-$ 3.71**	**-5.78%**			**$ 55.82**	**-$ 4.69**	**-7.75%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	1554	$ 6.84	$ 0.0044	1551	$ 6.82	$ -	0.00%	$ 0.0044	1551	$ 6.82	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1554	$ 2.02	$ 0.0013	1551	$ 2.02	$ -	0.00%	$ 0.0013	1551	$ 2.02	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	1500	$ 10.41	$ 0.0069	1500	$ 10.41	$ -	0.00%	$ 0.0069	1500	$ 10.41	$ -	0.00%
TOU - Off Peak		$ 0.0800	960	$ 76.80	$ 0.0800	960	$ 76.80	$ -	0.00%	$ 0.0800	960	$ 76.80	$ -	0.00%
TOU - Mid Peak		$ 0.1220	270	$ 32.94	$ 0.1220	270	$ 32.94	$ -	0.00%	$ 0.1220	270	$ 32.94	$ -	0.00%
TOU - On Peak		$ 0.1610	270	$ 43.47	$ 0.1610	270	$ 43.47	$ -	0.00%	$ 0.1610	270	$ 43.47	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	600	$ 56.40	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	900	$ 99.00	$ 0.1100	900	$ 99.00	$ -	0.00%	$ 0.1100	900	$ 99.00	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 242.35**			**$ 233.22**	**-$ 3.71**	**-1.57%**			**$ 228.53**	**-$ 4.69**	**-2.01%**
HST		13%		$ 31.51	13%		$ 30.32	-$ 0.48	-1.57%	13%		$ 29.71	-$ 0.61	-2.01%
Total Bill (including HST)				$ 273.86			$ 263.54	-$ 4.19	-1.57%			$ 258.24	-$ 5.30	-2.01%
Ontario Clean Energy Benefit [1]				-$ 27.39			-$ 26.35	$ 0.42	-1.57%			-$ 25.82	$ 0.53	-2.01%
Total Bill on TOU (including OCEB)				**$ 246.47**			**$ 237.19**	**-$ 3.77**	**-1.57%**			**$ 232.42**	**-$ 4.77**	**-2.01%**
Total Bill on RPP (before Taxes)				**$ 244.54**			**$ 235.41**	**-$ 3.71**	**-1.55%**			**$ 230.72**	**-$ 4.69**	**-1.99%**
HST		13%		$ 31.79	13%		$ 30.60	-$ 0.48	-1.55%	13%		$ 29.99	-$ 0.61	-1.99%
Total Bill (including HST)				$ 276.33			$ 266.01	-$ 4.19	-1.55%			$ 260.71	-$ 5.30	-1.99%
Ontario Clean Energy Benefit [1]				-$ 27.63			-$ 26.60	$ 0.42	-1.55%			-$ 26.07	$ 0.53	-1.99%
Total Bill on RPP (including OCEB)				**$ 248.70**			**$ 239.41**	**-$ 3.77**	**-1.55%**			**$ 234.64**	**-$ 4.77**	**-1.99%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 2,000 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 13.8800	1	$ 13.88	$ 4.21	43.54%	$ 18.0100	1	$ 18.01	$ 4.13	29.76%	$ 22.4400	1	$ 22.44	$ 4.43	24.60%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	2000	$ 46.80	$ 0.0207	2000	$ 41.40	-$ 5.40	-11.54%	$ 0.0164	2000	$ 32.80	-$ 8.60	-20.77%	$ 0.0115	2000	$ 23.00	-$ 9.80	-29.88%
Smart Meter Disposition Rider			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	2000	$ -	-$ 0.00002	2000	-$ 0.04	-$ 0.04		$ -	2000	$ -	$ 0.04	-100.00%	$ -	2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 56.47			$ 55.24	**-$ 1.23**	**-2.18%**			$ 50.81	**-$ 4.43**	**-8.02%**			$ 45.44	**-$ 5.37**	**-10.57%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	2000	$ -	-$ 0.00058	2000	-$ 1.16	-$ 1.16		$ -	2000	$ -	$ 1.16	-100.00%	$ -	2000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			2000	$ -	$ 1.16	1	$ 1.16	$ 1.16		$ -	2000	$ -	-$ 1.16	-100.00%	$ -	2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	2,072	$ 0.12	$ 0.00007	2,068	$ 0.14	$ 0.02	16.44%	$ 0.00007	2,068	$ 0.14	$ -	0.00%	$ 0.00007	2,068	$ 0.14	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	72	$ 7.31	$ 0.1021	68	$ 6.90	-$ 0.41	-5.59%	$ 0.1021	68	$ 6.90	$ -	0.00%	$ 0.1021	68	$ 6.90	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 64.70**			**$ 63.08**	**-$ 1.61**	**-2.49%**			**$ 58.65**	**-$ 4.43**	**-7.03%**			**$ 53.28**	**-$ 5.37**	**-9.16%**
RTSR - Network	per kWh	$ 0.0077	2072	$ 15.95	$ 0.0077	2068	$ 15.92	-$ 0.03	-0.19%	$ 0.0077	2068	$ 15.92	$ -	0.00%	$ 0.0077	2068	$ 15.92	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	2072	$ 8.70	$ 0.0042	2068	$ 8.68	-$ 0.02	-0.19%	$ 0.0042	2068	$ 8.68	$ -	0.00%	$ 0.0042	2068	$ 8.68	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 89.35**			**$ 87.69**	**-$ 1.66**	**-1.86%**			**$ 83.25**	**-$ 4.43**	**-5.06%**			**$ 77.88**	**-$ 5.37**	**-6.45%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	2072	$ 9.12	$ 0.0044	2068	$ 9.10	-$ 0.02	-0.19%	$ 0.0044	2068	$ 9.10	$ -	0.00%	$ 0.0044	2068	$ 9.10	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	2072	$ 2.69	$ 0.0013	2068	$ 2.69	-$ 0.01	-0.19%	$ 0.0013	2068	$ 2.69	$ -	0.00%	$ 0.0013	2068	$ 2.69	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	2000	$ 13.88	$ 0.0069	2000	$ 13.88	$ -	0.00%	$ 0.0069	2000	$ 13.88	$ -	0.00%	$ 0.0069	2000	$ 13.88	$ -	0.00%
TOU - Off Peak		$ 0.0800	1280	$ 102.40	$ 0.0800	1280	$ 102.40	$ -	0.00%	$ 0.0800	1280	$ 102.40	$ -	0.00%	$ 0.0800	1280	$ 102.40	$ -	0.00%
TOU - Mid Peak		$ 0.1220	360	$ 43.92	$ 0.1220	360	$ 43.92	$ -	0.00%	$ 0.1220	360	$ 43.92	$ -	0.00%	$ 0.1220	360	$ 43.92	$ -	0.00%
TOU - On Peak		$ 0.1610	360	$ 57.96	$ 0.1610	360	$ 57.96	$ -	0.00%	$ 0.1610	360	$ 57.96	$ -	0.00%	$ 0.1610	360	$ 57.96	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	600	$ 56.40	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	1400	$ 154.00	$ 0.1100	1400	$ 154.00	$ -	0.00%	$ 0.1100	1400	$ 154.00	$ -	0.00%	$ 0.1100	1400	$ 154.00	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 319.57**			**$ 317.88**	**-$ 1.68**	**-0.53%**			**$ 313.45**	**-$ 4.43**	**-1.39%**			**$ 308.08**	**-$ 5.37**	**-1.71%**
HST		13%		$ 41.54	13%		$ 41.32	-$ 0.22	-0.53%	13%		$ 40.75	-$ 0.58	-1.39%	13%		$ 40.05	-$ 0.70	-1.71%
Total Bill (including HST)				$ 361.11			$ 359.21	-$ 1.90	-0.53%			$ 354.20	-$ 5.01	-1.39%			$ 348.13	-$ 6.07	-1.71%
Ontario Clean Energy Benefit [1]				-$ 36.11			-$ 35.92	$ 0.19	-0.53%			-$ 35.42	$ 0.50	-1.39%			-$ 34.81	$ 0.61	-1.72%
Total Bill on TOU (including OCEB)				**$ 325.00**			**$ 323.29**	**-$ 1.71**	**-0.53%**			**$ 318.78**	**-$ 4.51**	**-1.40%**			**$ 313.32**	**-$ 5.46**	**-1.71%**
Total Bill on RPP (before Taxes)				**$ 325.69**			**$ 324.00**	**-$ 1.68**	**-0.52%**			**$ 319.57**	**-$ 4.43**	**-1.37%**			**$ 314.20**	**-$ 5.37**	**-1.68%**
HST		13%		$ 42.34	13%		$ 42.12	-$ 0.22	-0.52%	13%		$ 41.54	-$ 0.58	-1.37%	13%		$ 40.85	-$ 0.70	-1.68%
Total Bill (including HST)				$ 368.03			$ 366.12	-$ 1.90	-0.52%			$ 361.11	-$ 5.01	-1.37%			$ 355.05	-$ 6.07	-1.68%
Ontario Clean Energy Benefit [1]				-$ 36.80			-$ 36.61	$ 0.19	-0.52%			-$ 36.11	$ 0.50	-1.37%			-$ 35.50	$ 0.61	-1.69%
Total Bill on RPP (including OCEB)				**$ 331.23**			**$ 329.51**	**-$ 1.71**	**-0.52%**			**$ 325.00**	**-$ 4.51**	**-1.37%**			**$ 319.55**	**-$ 5.46**	**-1.68%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: **Residential**

TOU / non-TOU: TOU

Consumption 2,000 **kWh** ● May 1 - October 3:

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 9.6700	1	$ 9.67	$ 26.9800	1	$ 26.98	$ 4.54	20.23%	$ 31.2900	1	$ 31.29	$ 4.31	15.97%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0234	2000	$ 46.80	$ 0.0060	2000	$ 12.00	-$ 11.00	-47.83%	$ -	2000	$ -	-$ 12.00	-100.00%
Smart Meter Disposition Rider			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	2000	$ -	$ -	2000	$ -	$ -		$ -	2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 56.47			$ 38.98	-$ 6.46	-14.22%			$ 31.29	-$ 7.69	-19.73%
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	2000	$ -	$ -	2000	$ -	$ -		$ -	2000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			2000	$ -	$ -	2000	$ -	$ -		$ -	2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	2,072	$ 0.12	$ 0.00007	2,068	$ 0.14	$ -	0.00%	$ 0.00007	2,068	$ 0.14	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	72	$ 7.31	$ 0.1021	68	$ 6.90	$ -	0.00%	$ 0.1021	68	$ 6.90	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 64.70**			**$ 46.82**	**-$ 6.46**	**-12.12%**			**$ 39.13**	**-$ 7.69**	**-16.42%**
RTSR - Network	per kWh	$ 0.0077	2072	$ 15.95	$ 0.0077	2068	$ 15.92	$ -	0.00%	$ 0.0077	2068	$ 15.92	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0042	2072	$ 8.70	$ 0.0042	2068	$ 8.68	$ -	0.00%	$ 0.0042	2068	$ 8.68	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 89.35**			**$ 71.42**	**-$ 6.46**	**-8.29%**			**$ 63.73**	**-$ 7.69**	**-10.77%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	2072	$ 9.12	$ 0.0044	2068	$ 9.10	$ -	0.00%	$ 0.0044	2068	$ 9.10	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	2072	$ 2.69	$ 0.0013	2068	$ 2.69	$ -	0.00%	$ 0.0013	2068	$ 2.69	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	2000	$ 13.88	$ 0.0069	2000	$ 13.88	$ -	0.00%	$ 0.0069	2000	$ 13.88	$ -	0.00%
TOU - Off Peak		$ 0.0800	1280	$ 102.40	$ 0.0800	1280	$ 102.40	$ -	0.00%	$ 0.0800	1280	$ 102.40	$ -	0.00%
TOU - Mid Peak		$ 0.1220	360	$ 43.92	$ 0.1220	360	$ 43.92	$ -	0.00%	$ 0.1220	360	$ 43.92	$ -	0.00%
TOU - On Peak		$ 0.1610	360	$ 57.96	$ 0.1610	360	$ 57.96	$ -	0.00%	$ 0.1610	360	$ 57.96	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	600	$ 56.40	$ 0.0940	600	$ 56.40	$ -	0.00%	$ 0.0940	600	$ 56.40	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	1400	$ 154.00	$ 0.1100	1400	$ 154.00	$ -	0.00%	$ 0.1100	1400	$ 154.00	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 319.57**			**$ 301.62**	**-$ 6.46**	**-2.10%**			**$ 293.93**	**-$ 7.69**	**-2.55%**
HST		13%		$ 41.54	13%		$ 39.21	-$ 0.84	-2.10%	13%		$ 38.21	-$ 1.00	-2.55%
Total Bill (including HST)				$ 361.11			$ 340.83	-$ 7.30	-2.10%			$ 332.14	-$ 8.69	-2.55%
Ontario Clean Energy Benefit [1]				-$ 36.11			-$ 34.08	$ 0.73	-2.10%			-$ 33.21	$ 0.87	-2.55%
Total Bill on TOU (including OCEB)				**$ 325.00**			**$ 306.75**	**-$ 6.57**	**-2.10%**			**$ 298.93**	**-$ 7.82**	**-2.55%**
Total Bill on RPP (before Taxes)				**$ 325.69**			**$ 307.74**	**-$ 6.46**	**-2.06%**			**$ 300.05**	**-$ 7.69**	**-2.50%**
HST		13%		$ 42.34	13%		$ 40.01	-$ 0.84	-2.06%	13%		$ 39.01	-$ 1.00	-2.50%
Total Bill (including HST)				$ 368.03			$ 347.75	-$ 7.30	-2.06%			$ 339.06	-$ 8.69	-2.50%
Ontario Clean Energy Benefit [1]				-$ 36.80			-$ 34.77	$ 0.73	-2.06%			-$ 33.91	$ 0.86	-2.47%
Total Bill on RPP (including OCEB)				**$ 331.23**			**$ 312.98**	**-$ 6.57**	**-2.06%**			**$ 305.15**	**-$ 7.83**	**-2.50%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 1,000 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			2016 Proposed			Impact 2016 vs 2015		2017 Proposed			Impact 2017 vs 2016		2018 Proposed			Impact 2018 vs 2017	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 16.7200	1	$ 16.72	$ 23.0000	1	$ 23.00	$ 6.28	37.56%	$ 28.0000	1	$ 28.00	$ 5.00	21.74%	$ 33.5000	1	$ 33.50	$ 5.50	19.64%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0210	1000	$ 21.00	$ 0.0216	1000	$ 21.60	$ 0.60	2.86%	$ 0.0214	1000	$ 21.40	-$ 0.20	-0.93%	$ 0.0209	1000	$ 20.90	-$ 0.50	-2.34%
Smart Meter Disposition Rider			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	1000	$ -	$ 0.00023	1000	$ 0.23	$ 0.23			1000	$ -	-$ 0.23	-100.00%		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 37.72			$ 44.83	**$ 7.11**	**18.85%**			$ 49.40	**$ 4.57**	**10.19%**			$ 54.40	**$ 5.00**	**10.12%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	1000	$ -	-$ 0.0006	1000	-$ 0.59	-$ 0.59			1000	$ -	$ 0.59	-100.00%		1000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			1000	$ -	$ 0.0014	1000	$ 1.43	$ 1.43			1000	$ -	-$ 1.43	-100.00%		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -			1000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	1,036	$ 0.06	$ 0.00006	1,034	$ 0.06	-$ 0.00	-0.19%	$ 0.00006	1,034	$ 0.06	$ -	0.00%	$ 0.00006	1,034	$ 0.06	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	36	$ 3.66	$ 0.1021	34	$ 3.45	-$ 0.20	-5.59%	$ 0.1021	34	$ 3.45	$ -	0.00%	$ 0.1021	34	$ 3.45	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 42.23**			**$ 49.97**	**$ 7.74**	**18.33%**			**$ 53.70**	**$ 3.73**	**7.47%**			**$ 58.70**	**$ 5.00**	**9.31%**
RTSR - Network	per kWh	$ 0.0070	1036	$ 7.25	$ 0.0070	1034	$ 7.24	-$ 0.01	-0.19%	$ 0.0070	1034	$ 7.24	$ -	0.00%	$ 0.0070	1034	$ 7.24	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	1036	$ 4.14	$ 0.0040	1034	$ 4.14	-$ 0.01	-0.19%	$ 0.0040	1034	$ 4.14	$ -	0.00%	$ 0.0040	1034	$ 4.14	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 53.62**			**$ 61.34**	**$ 7.72**	**14.40%**			**$ 65.08**	**$ 3.73**	**6.09%**			**$ 70.08**	**$ 5.00**	**7.68%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	1036	$ 4.56	$ 0.0044	1034	$ 4.55	-$ 0.01	-0.19%	$ 0.0044	1034	$ 4.55	$ -	0.00%	$ 0.0044	1034	$ 4.55	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1036	$ 1.35	$ 0.0013	1034	$ 1.34	-$ 0.00	-0.19%	$ 0.0013	1034	$ 1.34	$ -	0.00%	$ 0.0013	1034	$ 1.34	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	1000	$ 6.94	$ 0.0069	1000	$ 6.94	$ -	0.00%	$ 0.0069	1000	$ 6.94	$ -	0.00%	$ 0.0069	1000	$ 6.94	$ -	0.00%
TOU - Off Peak		$ 0.0800	640	$ 51.20	$ 0.0800	640	$ 51.20	$ -	0.00%	$ 0.0800	640	$ 51.20	$ -	0.00%	$ 0.0800	640	$ 51.20	$ -	0.00%
TOU - Mid Peak		$ 0.1220	180	$ 21.96	$ 0.1220	180	$ 21.96	$ -	0.00%	$ 0.1220	180	$ 21.96	$ -	0.00%	$ 0.1220	180	$ 21.96	$ -	0.00%
TOU - On Peak		$ 0.1610	180	$ 28.98	$ 0.1610	180	$ 28.98	$ -	0.00%	$ 0.1610	180	$ 28.98	$ -	0.00%	$ 0.1610	180	$ 28.98	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	250	$ 27.50	$ 0.1100	250	$ 27.50	$ -	0.00%	$ 0.1100	250	$ 27.50	$ -	0.00%	$ 0.1100	250	$ 27.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 168.86**			**$ 176.57**	**$ 7.71**	**4.57%**			**$ 180.30**	**$ 3.73**	**2.11%**			**$ 185.30**	**$ 5.00**	**2.77%**
HST		13%		$ 21.95	13%		$ 22.95	$ 1.00	4.57%	13%		$ 23.44	$ 0.49	2.11%	13%		$ 24.09	$ 0.65	2.77%
Total Bill (including HST)				$ 190.81			$ 199.52	$ 8.71	4.57%			$ 203.74	$ 4.22	2.11%			$ 209.39	$ 5.65	2.77%
Ontario Clean Energy Benefit [1]				-$ 19.08			-$ 19.95	-$ 0.87	4.56%			-$ 20.37	-$ 0.42	2.11%			-$ 20.94	-$ 0.57	2.80%
Total Bill on TOU (including OCEB)				**$ 171.73**			**$ 179.57**	**$ 7.84**	**4.57%**			**$ 183.37**	**$ 3.80**	**2.12%**			**$ 188.45**	**$ 5.08**	**2.77%**
Total Bill on RPP (before Taxes)				**$ 164.72**			**$ 172.43**	**$ 7.71**	**4.68%**			**$ 176.16**	**$ 3.73**	**2.16%**			**$ 181.16**	**$ 5.00**	**2.84%**
HST		13%		$ 21.41	13%		$ 22.42	$ 1.00	4.68%	13%		$ 22.90	$ 0.49	2.16%	13%		$ 23.55	$ 0.65	2.84%
Total Bill (including HST)				$ 186.13			$ 194.84	$ 8.71	4.68%			$ 199.06	$ 4.22	2.16%			$ 204.71	$ 5.65	2.84%
Ontario Clean Energy Benefit [1]				-$ 18.61			-$ 19.48	-$ 0.87	4.67%			-$ 19.91	-$ 0.43	2.21%			-$ 20.47	-$ 0.56	2.81%
Total Bill on RPP (including OCEB)				**$ 167.52**			**$ 175.36**	**$ 7.84**	**4.68%**			**$ 179.15**	**$ 3.79**	**2.16%**			**$ 184.24**	**$ 5.09**	**2.84%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

1 1

Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 1,000 kWh ● May 1 - October 3

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 16.7200	1	$ 16.72	$ 39.0000	1	$ 39.00	$ 5.50	16.42%	$ 44.0000	1	$ 44.00	$ 5.00	12.82%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0210	1000	$ 21.00	$ 0.0200	1000	$ 20.00	-$ 0.90	-4.31%	$ 0.0188	1000	$ 18.80	-$ 1.20	-6.00%
Smart Meter Disposition Rider			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 37.72			$ 59.00	**$ 4.60**	**8.46%**			$ 62.80	**$ 3.80**	**6.44%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -			1000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	1,036	$ 0.06	$ 0.00006	1,034	$ 0.06	$ -	0.00%	$ 0.00006	1,034	$ 0.06	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	36	$ 3.66	$ 0.1021	34	$ 3.45	$ -	0.00%	$ 0.1021	34	$ 3.45	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 42.23**			**$ 63.30**	**$ 4.60**	**7.84%**			**$ 67.10**	**$ 3.80**	**6.00%**
RTSR - Network	per kWh	$ 0.0070	1036	$ 7.25	$ 0.0070	1034	$ 7.24	$ -	0.00%	$ 0.0070	1034	$ 7.24	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	1036	$ 4.14	$ 0.0040	1034	$ 4.14	$ -	0.00%	$ 0.0040	1034	$ 4.14	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 53.62**			**$ 74.68**	**$ 4.60**	**6.56%**			**$ 78.48**	**$ 3.80**	**5.09%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	1036	$ 4.56	$ 0.0044	1034	$ 4.55	$ -	0.00%	$ 0.0044	1034	$ 4.55	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1036	$ 1.35	$ 0.0013	1034	$ 1.34	$ -	0.00%	$ 0.0013	1034	$ 1.34	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	1000	$ 6.94	$ 0.0069	1000	$ 6.94	$ -	0.00%	$ 0.0069	1000	$ 6.94	$ -	0.00%
TOU - Off Peak		$ 0.0800	640	$ 51.20	$ 0.0800	640	$ 51.20	$ -	0.00%	$ 0.0800	640	$ 51.20	$ -	0.00%
TOU - Mid Peak		$ 0.1220	180	$ 21.96	$ 0.1220	180	$ 21.96	$ -	0.00%	$ 0.1220	180	$ 21.96	$ -	0.00%
TOU - On Peak		$ 0.1610	180	$ 28.98	$ 0.1610	180	$ 28.98	$ -	0.00%	$ 0.1610	180	$ 28.98	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	250	$ 27.50	$ 0.1100	250	$ 27.50	$ -	0.00%	$ 0.1100	250	$ 27.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 168.86**			**$ 189.90**	**$ 4.60**	**2.48%**			**$ 193.70**	**$ 3.80**	**2.00%**
HST		13%		$ 21.95	13%		$ 24.69	$ 0.60	2.48%	13%		$ 25.18	$ 0.49	2.00%
Total Bill (including HST)				$ 190.81			$ 214.59	$ 5.20	2.48%			$ 218.88	$ 4.29	2.00%
Ontario Clean Energy Benefit [1]				-$ 19.08			-$ 21.46	-$ 0.52	2.48%			-$ 21.89	-$ 0.43	2.00%
Total Bill on TOU (including OCEB)				**$ 171.73**			**$ 193.13**	**$ 4.68**	**2.48%**			**$ 196.99**	**$ 3.86**	**2.00%**
Total Bill on RPP (before Taxes)				**$ 164.72**			**$ 185.76**	**$ 4.60**	**2.54%**			**$ 189.56**	**$ 3.80**	**2.05%**
HST		13%		$ 21.41	13%		$ 24.15	$ 0.60	2.54%	13%		$ 24.64	$ 0.49	2.05%
Total Bill (including HST)				$ 186.13			$ 209.91	$ 5.20	2.54%			$ 214.20	$ 4.29	2.05%
Ontario Clean Energy Benefit [1]				-$ 18.61			-$ 20.99	-$ 0.52	2.54%			-$ 21.42	-$ 0.43	2.05%
Total Bill on RPP (including OCEB)				**$ 167.52**			**$ 188.92**	**$ 4.68**	**2.54%**			**$ 192.78**	**$ 3.86**	**2.05%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 2,000 kWh ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 16.7200	1	$ 16.72	$ 23.0000	1	$ 23.00	$ 6.28	37.56%	$ 28.0000	1	$ 28.00	$ 5.00	21.74%	$ 33.5000	1	$ 33.50	$ 5.50	19.64%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0210	2000	$ 42.00	$ 0.0216	2000	$ 43.20	$ 1.20	2.86%	$ 0.0214	2000	$ 42.80	-$ 0.40	-0.93%	$ 0.0209	2000	$ 41.80	-$ 1.00	-2.34%
Smart Meter Disposition Rider			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	2000	$ -	$ 0.00023	2000	$ 0.46	$ 0.46		$ -	2000	$ -	-$ 0.46	-100.00%	$ -	2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 58.72			$ 66.66	**$ 7.94**	**13.52%**			$ 70.80	**$ 4.14**	**6.21%**			$ 75.30	**$ 4.50**	**6.36%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	2000	$ -	-$ 0.00059	2000	-$ 1.19	-$ 1.19			2000	$ -	$ 1.19	-100.00%		2000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			2000	$ -	$ 0.00143	2000	$ 2.86	$ 2.86			2000	$ -	-$ 2.86	-100.00%		2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -			2000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	2,072	$ 0.12	$ 0.00006	2,068	$ 0.12	-$ 0.00	-0.19%	$ 0.00006	2,068	$ 0.12	$ -	0.00%	$ 0.00006	2,068	$ 0.12	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	72	$ 7.31	$ 0.1021	68	$ 6.90	-$ 0.41	-5.59%	$ 0.1021	68	$ 6.90	$ -	0.00%	$ 0.1021	68	$ 6.90	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 66.95**			**$ 76.15**	**$ 9.21**	**13.75%**			**$ 78.62**	**$ 2.47**	**3.24%**			**$ 83.12**	**$ 4.50**	**5.72%**
RTSR - Network	per kWh	$ 0.0070	2072	$ 14.50	$ 0.0070	2068	$ 14.47	-$ 0.03	-0.19%	$ 0.0070	2068	$ 14.47	$ -	0.00%	$ 0.0070	2068	$ 14.47	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	2072	$ 8.29	$ 0.0040	2068	$ 8.27	-$ 0.02	-0.19%	$ 0.0040	2068	$ 8.27	$ -	0.00%	$ 0.0040	2068	$ 8.27	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 89.74**			**$ 98.90**	**$ 9.16**	**10.21%**			**$ 101.36**	**$ 2.47**	**2.49%**			**$ 105.86**	**$ 4.50**	**4.44%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	2072	$ 9.12	$ 0.0044	2068	$ 9.10	-$ 0.02	-0.19%	$ 0.0044	2068	$ 9.10	$ -	0.00%	$ 0.0044	2068	$ 9.10	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	2072	$ 2.69	$ 0.0013	2068	$ 2.69	-$ 0.01	-0.19%	$ 0.0013	2068	$ 2.69	$ -	0.00%	$ 0.0013	2068	$ 2.69	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	2000	$ 13.88	$ 0.0069	2000	$ 13.88	$ -	0.00%	$ 0.0069	2000	$ 13.88	$ -	0.00%	$ 0.0069	2000	$ 13.88	$ -	0.00%
TOU - Off Peak		$ 0.0800	1280	$ 102.40	$ 0.0800	1280	$ 102.40	$ -	0.00%	$ 0.0800	1280	$ 102.40	$ -	0.00%	$ 0.0800	1280	$ 102.40	$ -	0.00%
TOU - Mid Peak		$ 0.1220	360	$ 43.92	$ 0.1220	360	$ 43.92	$ -	0.00%	$ 0.1220	360	$ 43.92	$ -	0.00%	$ 0.1220	360	$ 43.92	$ -	0.00%
TOU - On Peak		$ 0.1610	360	$ 57.96	$ 0.1610	360	$ 57.96	$ -	0.00%	$ 0.1610	360	$ 57.96	$ -	0.00%	$ 0.1610	360	$ 57.96	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	1250	$ 137.50	$ 0.1100	1250	$ 137.50	$ -	0.00%	$ 0.1100	1250	$ 137.50	$ -	0.00%	$ 0.1100	1250	$ 137.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 319.95**			**$ 329.09**	**$ 9.14**	**2.86%**			**$ 331.56**	**$ 2.47**	**0.75%**			**$ 336.06**	**$ 4.50**	**1.36%**
HST		13%		$ 41.59	13%		$ 42.78	$ 1.19	2.86%	13%		$ 43.10	$ 0.32	0.75%	13%		$ 43.69	$ 0.59	1.36%
Total Bill (including HST)				$ 361.55			$ 371.87	$ 10.33	2.86%			$ 374.66	$ 2.79	0.75%			$ 379.75	$ 5.08	1.36%
Ontario Clean Energy Benefit [1]				-$ 36.15			-$ 37.19	-$ 1.04	2.88%			-$ 37.47	-$ 0.28	0.75%			-$ 37.97	-$ 0.50	1.33%
Total Bill on TOU (including OCEB)				**$ 325.40**			**$ 334.68**	**$ 9.29**	**2.85%**			**$ 337.19**	**$ 2.51**	**0.75%**			**$ 341.78**	**$ 4.59**	**1.36%**
Total Bill on RPP (before Taxes)				**$ 323.67**			**$ 332.81**	**$ 9.14**	**2.82%**			**$ 335.28**	**$ 2.47**	**0.74%**			**$ 339.78**	**$ 4.50**	**1.34%**
HST		13%		$ 42.08	13%		$ 43.27	$ 1.19	2.82%	13%		$ 43.59	$ 0.32	0.74%	13%		$ 44.17	$ 0.59	1.34%
Total Bill (including HST)				$ 365.75			$ 376.08	$ 10.33	2.82%			$ 378.86	$ 2.79	0.74%			$ 383.95	$ 5.08	1.34%
Ontario Clean Energy Benefit [1]				-$ 36.58			-$ 37.61	-$ 1.03	2.82%			-$ 37.89	-$ 0.28	0.74%			-$ 38.39	-$ 0.50	1.32%
Total Bill on RPP (including OCEB)				**$ 329.17**			**$ 338.47**	**$ 9.30**	**2.82%**			**$ 340.97**	**$ 2.51**	**0.74%**			**$ 345.56**	**$ 4.58**	**1.34%**

Loss Factor (%) 3.5800% 3.3800% 3.3800% 3.3800%

1 1

Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 2,000 kWh ◉ May 1 - October 3:

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2019 Proposed Rate ($)	2019 Proposed Volume	2019 Proposed Charge ($)	Impact 2019 vs 2018 $ Change	Impact 2019 vs 2018 % Change	2020 Proposed Rate ($)	2020 Proposed Volume	2020 Proposed Charge ($)	Impact 2020 vs 2019 $ Change	Impact 2020 vs 2019 % Change
Monthly Service Charge	Monthly	$ 16.7200	1	$ 16.72	$ 39.0000	1	$ 39.00	$ 5.50	16.42%	$ 44.0000	1	$ 44.00	$ 5.00	12.82%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0210	2000	$ 42.00	$ 0.0200	2000	$ 40.00	-$ 1.80	-4.31%	$ 0.0188	2000	$ 37.60	-$ 2.40	-6.00%
Smart Meter Disposition Rider			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	2000	$ -	$ -	2000	$ -	$ -		$ -	2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 58.72			$ 79.00	**$ 3.70**	**4.91%**			$ 81.60	**$ 2.60**	**3.29%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -			2000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	2,072	$ 0.12	$ 0.00006	2,068	$ 0.12	$ -	0.00%	$ 0.00006	2,068	$ 0.12	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	72	$ 7.31	$ 0.1021	68	$ 6.90	$ -	0.00%	$ 0.1021	68	$ 6.90	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 66.95**			**$ 86.82**	**$ 3.70**	**4.45%**			**$ 89.42**	**$ 2.60**	**2.99%**
RTSR - Network	per kWh	$ 0.0070	2072	$ 14.50	$ 0.0070	2068	$ 14.47	$ -	0.00%	$ 0.0070	2068	$ 14.47	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	2072	$ 8.29	$ 0.0040	2068	$ 8.27	$ -	0.00%	$ 0.0040	2068	$ 8.27	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 89.74**			**$ 109.56**	**$ 3.70**	**3.50%**			**$ 112.16**	**$ 2.60**	**2.37%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	2072	$ 9.12	$ 0.0044	2068	$ 9.10	$ -	0.00%	$ 0.0044	2068	$ 9.10	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	2072	$ 2.69	$ 0.0013	2068	$ 2.69	$ -	0.00%	$ 0.0013	2068	$ 2.69	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	2000	$ 13.88	$ 0.0069	2000	$ 13.88	$ -	0.00%	$ 0.0069	2000	$ 13.88	$ -	0.00%
TOU - Off Peak		$ 0.0800	1280	$ 102.40	$ 0.0800	1280	$ 102.40	$ -	0.00%	$ 0.0800	1280	$ 102.40	$ -	0.00%
TOU - Mid Peak		$ 0.1220	360	$ 43.92	$ 0.1220	360	$ 43.92	$ -	0.00%	$ 0.1220	360	$ 43.92	$ -	0.00%
TOU - On Peak		$ 0.1610	360	$ 57.96	$ 0.1610	360	$ 57.96	$ -	0.00%	$ 0.1610	360	$ 57.96	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	1250	$ 137.50	$ 0.1100	1250	$ 137.50	$ -	0.00%	$ 0.1100	1250	$ 137.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 319.95**			**$ 339.76**	**$ 3.70**	**1.10%**			**$ 342.36**	**$ 2.60**	**0.77%**
HST		13%		$ 41.59	13%		$ 44.17	$ 0.48	1.10%	13%		$ 44.51	$ 0.34	0.77%
Total Bill (including HST)				$ 361.55			$ 383.93	$ 4.18	1.10%			$ 386.86	$ 2.94	0.77%
Ontario Clean Energy Benefit [1]				-$ 36.15			-$ 38.39	-$ 0.42	1.11%			-$ 38.69	-$ 0.30	0.78%
Total Bill on TOU (including OCEB)				**$ 325.40**			**$ 345.54**	**$ 3.76**	**1.10%**			**$ 348.17**	**$ 2.64**	**0.76%**
Total Bill on RPP (before Taxes)				**$ 323.67**			**$ 343.48**	**$ 3.70**	**1.09%**			**$ 346.08**	**$ 2.60**	**0.76%**
HST		13%		$ 42.08	13%		$ 44.65	$ 0.48	1.09%	13%		$ 44.99	$ 0.34	0.76%
Total Bill (including HST)				$ 365.75			$ 388.13	$ 4.18	1.09%			$ 391.07	$ 2.94	0.76%
Ontario Clean Energy Benefit [1]				-$ 36.58			-$ 38.81	-$ 0.42	1.09%			-$ 39.11	-$ 0.30	0.77%
Total Bill on RPP (including OCEB)				**$ 329.17**			**$ 349.32**	**$ 3.76**	**1.09%**			**$ 351.96**	**$ 2.64**	**0.76%**

Loss Factor (%) 3.5800% 3.3800% 3.3800%

1 1

Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 5,000 kWh ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			2016 Proposed			Impact 2016 vs 2015		2017 Proposed			Impact 2017 vs 2016		2018 Proposed			Impact 20
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change
Monthly Service Charge	Monthly	$ 16.7200	1	$ 16.72	$ 23.0000	1	$ 23.00	$ 6.28	37.56%	$ 28.0000	1	$ 28.00	$ 5.00	21.74%	$ 33.5000	1	$ 33.50	$ 5.50
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -
Distribution Volumetric Rate	per kWh	$ 0.0210	5000	$ 105.00	$ 0.0216	5000	$ 108.00	$ 3.00	2.86%	$ 0.0214	5000	$ 107.00	-$ 1.00	-0.93%	$ 0.0209	5000	$ 104.50	-$ 2.50
Smart Meter Disposition Rider			5000	$ -		5000	$ -	$ -			5000	$ -	$ -			5000	$ -	$ -
LRAM & SSM Rate Rider	per kWh	$ -	5000	$ -	$ 0.00023	5000	$ 1.15	$ 1.15		$ -	5000	$ -	-$ 1.15	-100.00%	$ -	5000	$ -	$ -
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -			5000	$ -	$ -
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -			5000	$ -	$ -
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -			5000	$ -	$ -
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -			5000	$ -	$ -
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -			5000	$ -	$ -
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -			5000	$ -	$ -
Sub-Total A (excluding pass through)				$ 121.72			$ 132.15	**$ 10.43**	**8.57%**			$ 135.00	**$ 2.85**	**2.16%**			$ 138.00	**$ 3.00**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	5000	$ -	-$ 0.00059	5000	-$ 2.97	-$ 2.97			5000	$ -	$ 2.97	-100.00%		5000	$ -	$ -
Deferral/Variance Account Disposition Rate Rider Group 2			5000	$ -	$ 0.00143	5000	$ 7.15	$ 7.15			5000	$ -	-$ 7.15	-100.00%		5000	$ -	$ -
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -			5000	$ -	$ -
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -			5000	$ -	$ -
Low Voltage Service Charge	per kWh	$ 0.00006	5,179	$ 0.31	$ 0.00006	5,169	$ 0.31	-$ 0.00	-0.19%	$ 0.00006	5,169	$ 0.31	$ -	0.00%	$ 0.00006	5,169	$ 0.31	$ -
Line Losses on Cost of Power		$ 0.1021	179	$ 18.28	$ 0.1021	169	$ 17.26	-$ 1.02	-5.59%	$ 0.1021	169	$ 17.26	$ -	0.00%	$ 0.1021	169	$ 17.26	$ -
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -
Sub-Total B - Distribution (includes Sub-Total A)				**$ 141.10**			**$ 154.70**	**$ 13.59**	**9.63%**			**$ 153.36**	**-$ 1.33**	**-0.86%**			**$ 156.36**	**$ 3.00**
RTSR - Network	per kWh	$ 0.0070	5179	$ 36.25	$ 0.0070	5169	$ 36.18	-$ 0.07	-0.19%	$ 0.0070	5169	$ 36.18	$ -	0.00%	$ 0.0070	5169	$ 36.18	$ -
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	5179	$ 20.72	$ 0.0040	5169	$ 20.68	-$ 0.04	-0.19%	$ 0.0040	5169	$ 20.68	$ -	0.00%	$ 0.0040	5169	$ 20.68	$ -
Sub-Total C - Delivery (including Sub-Total B)				**$ 198.07**			**$ 211.56**	**$ 13.48**	**6.81%**			**$ 210.22**	**-$ 1.33**	**-0.63%**			**$ 213.22**	**$ 3.00**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	5179	$ 22.79	$ 0.0044	5169	$ 22.74	-$ 0.04	-0.19%	$ 0.0044	5169	$ 22.74	$ -	0.00%	$ 0.0044	5169	$ 22.74	$ -
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	5179	$ 6.73	$ 0.0013	5169	$ 6.72	-$ 0.01	-0.19%	$ 0.0013	5169	$ 6.72	$ -	0.00%	$ 0.0013	5169	$ 6.72	$ -
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -
Debt Retirement Charge (DRC)		$ 0.0069	5000	$ 34.70	$ 0.0069	5000	$ 34.70	$ -	0.00%	$ 0.0069	5000	$ 34.70	$ -	0.00%	$ 0.0069	5000	$ 34.70	$ -
TOU - Off Peak		$ 0.0800	3200	$ 256.00	$ 0.0800	3200	$ 256.00	$ -	0.00%	$ 0.0800	3200	$ 256.00	$ -	0.00%	$ 0.0800	3200	$ 256.00	$ -
TOU - Mid Peak		$ 0.1220	900	$ 109.80	$ 0.1220	900	$ 109.80	$ -	0.00%	$ 0.1220	900	$ 109.80	$ -	0.00%	$ 0.1220	900	$ 109.80	$ -
TOU - On Peak		$ 0.1610	900	$ 144.90	$ 0.1610	900	$ 144.90	$ -	0.00%	$ 0.1610	900	$ 144.90	$ -	0.00%	$ 0.1610	900	$ 144.90	$ -
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -
Energy - RPP - Tier 2		$ 0.1100	4250	$ 467.50	$ 0.1100	4250	$ 467.50	$ -	0.00%	$ 0.1100	4250	$ 467.50	$ -	0.00%	$ 0.1100	4250	$ 467.50	$ -
Total Bill on TOU (before Taxes)				**$ 773.24**			**$ 786.67**	**$ 13.43**	**1.74%**			**$ 785.33**	**-$ 1.33**	**-0.17%**			**$ 788.33**	**$ 3.00**
HST		13%		$ 100.52	13%		$ 102.27	$ 1.75	1.74%	13%		$ 102.09	-$ 0.17	-0.17%	13%		$ 102.48	$ 0.39
Total Bill (including HST)				$ 873.76			$ 888.94	$ 15.17	1.74%			$ 887.43	-$ 1.51	-0.17%			$ 890.82	$ 3.39
Ontario Clean Energy Benefit [1]				-$ 87.38			-$ 88.89	-$ 1.51	1.73%			-$ 88.74	$ 0.15	-0.17%			-$ 89.08	-$ 0.34
Total Bill on TOU (including OCEB)				**$ 786.38**			**$ 800.05**	**$ 13.66**	**1.74%**			**$ 798.69**	**-$ 1.36**	**-0.17%**			**$ 801.74**	**$ 3.05**
Total Bill on RPP (before Taxes)				**$ 800.54**			**$ 813.97**	**$ 13.43**	**1.68%**			**$ 812.63**	**-$ 1.33**	**-0.16%**			**$ 815.63**	**$ 3.00**
HST		13%		$ 104.07	13%		$ 105.82	$ 1.75	1.68%	13%		$ 105.64	-$ 0.17	-0.16%	13%		$ 106.03	$ 0.39
Total Bill (including HST)				$ 904.61			$ 919.79	$ 15.17	1.68%			$ 918.28	-$ 1.51	-0.16%			$ 921.67	$ 3.39
Ontario Clean Energy Benefit [1]				-$ 90.46			-$ 91.98	-$ 1.52	1.68%			-$ 91.83	$ 0.15	-0.16%			-$ 92.17	-$ 0.34
Total Bill on RPP (including OCEB)				**$ 814.15**			**$ 827.81**	**$ 13.65**	**1.68%**			**$ 826.45**	**-$ 1.36**	**-0.16%**			**$ 829.50**	**$ 3.05**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%			

Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 5,000 kWh ◉ May 1 - October 3

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	18 vs 2017 % Change
Monthly Service Charge	Monthly	$ 16.7200	1	$ 16.72	19.64%
Smart Meter Rate Adder			1	$ -	
			1	$ -	
			1	$ -	
			1	$ -	
			1	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0210	5000	$ 105.00	-2.34%
Smart Meter Disposition Rider			5000	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	5000	$ -	
			5000	$ -	
			5000	$ -	
			5000	$ -	
			5000	$ -	
			5000	$ -	
			5000	$ -	
			5000	$ -	
Sub-Total A (excluding pass through)				$ 121.72	**2.22%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	5000	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			5000	$ -	
			5000	$ -	
			5000	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	5,179	$ 0.31	0.00%
Line Losses on Cost of Power		$ 0.1021	179	$ 18.28	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 141.10**	**1.96%**
RTSR - Network	per kWh	$ 0.0070	5179	$ 36.25	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	5179	$ 20.72	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 198.07**	**1.43%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	5179	$ 22.79	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	5179	$ 6.73	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	5000	$ 34.70	0.00%
TOU - Off Peak		$ 0.0800	3200	$ 256.00	0.00%
TOU - Mid Peak		$ 0.1220	900	$ 109.80	0.00%
TOU - On Peak		$ 0.1610	900	$ 144.90	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	0.00%
Energy - RPP - Tier 2		$ 0.1100	4250	$ 467.50	0.00%
Total Bill on TOU (before Taxes)				**$ 773.24**	**0.38%**
HST		13%		$ 100.52	0.38%
Total Bill (including HST)				$ 873.76	0.38%
Ontario Clean Energy Benefit [1]				-$ 87.38	0.38%
Total Bill on TOU (including OCEB)				**$ 786.38**	**0.38%**
Total Bill on RPP (before Taxes)				**$ 800.54**	**0.37%**
HST		13%		$ 104.07	0.37%
Total Bill (including HST)				$ 904.61	0.37%
Ontario Clean Energy Benefit [1]				-$ 90.46	0.37%
Total Bill on RPP (including OCEB)				**$ 814.15**	**0.37%**

Loss Factor (%) 3.5800%

1 1

Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 5,000 kWh ◉ May 1 - October 3

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 16.7200	1	$ 16.72	$ 39.0000	1	$ 39.00	$ 5.50	16.42%	$ 44.0000	1	$ 44.00	$ 5.00	12.82%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0210	5000	$ 105.00	$ 0.0200	5000	$ 100.00	-$ 4.50	-4.31%	$ 0.0188	5000	$ 94.00	-$ 6.00	-6.00%
Smart Meter Disposition Rider			5000	$ -		5000	$ -	$ -			5000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	5000	$ -	$ -	5000	$ -	$ -		$ -	5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 121.72			$ 139.00	**$ 1.00**	**0.72%**			$ 138.00	**-$ 1.00**	**-0.72%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	5000	$ -		5000	$ -	$ -			5000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			5000	$ -		5000	$ -	$ -			5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -			5000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	5,179	$ 0.31	$ 0.00006	5,169	$ 0.31	$ -	0.00%	$ 0.00006	5,169	$ 0.31	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	179	$ 18.28	$ 0.1021	169	$ 17.26	$ -	0.00%	$ 0.1021	169	$ 17.26	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 141.10**			**$ 157.36**	**$ 1.00**	**0.64%**			**$ 156.36**	**-$ 1.00**	**-0.64%**
RTSR - Network	per kWh	$ 0.0070	5179	$ 36.25	$ 0.0070	5169	$ 36.18	$ -	0.00%	$ 0.0070	5169	$ 36.18	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	5179	$ 20.72	$ 0.0040	5169	$ 20.68	$ -	0.00%	$ 0.0040	5169	$ 20.68	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 198.07**			**$ 214.22**	**$ 1.00**	**0.47%**			**$ 213.22**	**-$ 1.00**	**-0.47%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	5179	$ 22.79	$ 0.0044	5169	$ 22.74	$ -	0.00%	$ 0.0044	5169	$ 22.74	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	5179	$ 6.73	$ 0.0013	5169	$ 6.72	$ -	0.00%	$ 0.0013	5169	$ 6.72	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	5000	$ 34.70	$ 0.0069	5000	$ 34.70	$ -	0.00%	$ 0.0069	5000	$ 34.70	$ -	0.00%
TOU - Off Peak		$ 0.0800	3200	$ 256.00	$ 0.0800	3200	$ 256.00	$ -	0.00%	$ 0.0800	3200	$ 256.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	900	$ 109.80	$ 0.1220	900	$ 109.80	$ -	0.00%	$ 0.1220	900	$ 109.80	$ -	0.00%
TOU - On Peak		$ 0.1610	900	$ 144.90	$ 0.1610	900	$ 144.90	$ -	0.00%	$ 0.1610	900	$ 144.90	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	4250	$ 467.50	$ 0.1100	4250	$ 467.50	$ -	0.00%	$ 0.1100	4250	$ 467.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 773.24**			**$ 789.33**	**$ 1.00**	**0.13%**			**$ 788.33**	**-$ 1.00**	**-0.13%**
HST		13%		$ 100.52	13%		$ 102.61	$ 0.13	0.13%	13%		$ 102.48	-$ 0.13	-0.13%
Total Bill (including HST)				$ 873.76			$ 891.95	$ 1.13	0.13%			$ 890.82	-$ 1.13	-0.13%
Ontario Clean Energy Benefit [1]				-$ 87.38			-$ 89.19	-$ 0.11	0.12%			-$ 89.08	$ 0.11	-0.12%
Total Bill on TOU (including OCEB)				**$ 786.38**			**$ 802.76**	**$ 1.02**	**0.13%**			**$ 801.74**	**-$ 1.02**	**-0.13%**
Total Bill on RPP (before Taxes)				**$ 800.54**			**$ 816.63**	**$ 1.00**	**0.12%**			**$ 815.63**	**-$ 1.00**	**-0.12%**
HST		13%		$ 104.07	13%		$ 106.16	$ 0.13	0.12%	13%		$ 106.03	-$ 0.13	-0.12%
Total Bill (including HST)				$ 904.61			$ 922.80	$ 1.13	0.12%			$ 921.67	-$ 1.13	-0.12%
Ontario Clean Energy Benefit [1]				-$ 90.46			-$ 92.28	-$ 0.11	0.12%			-$ 92.17	$ 0.11	-0.12%
Total Bill on RPP (including OCEB)				**$ 814.15**			**$ 830.52**	**$ 1.02**	**0.12%**			**$ 829.50**	**-$ 1.02**	**-0.12%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 10,000 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			2016 Proposed			Impact 2016 vs 2015		2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 16.7200	1	$ 16.72	$ 23.0000	1	$ 23.00	$ 6.28	37.56%	$ 28.0000	1	$ 28.00	$ 5.00	21.74%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0210	10000	$ 210.00	$ 0.0216	10000	$ 216.00	$ 6.00	2.86%	$ 0.0214	10000	$ 214.00	-$ 2.00	-0.93%
Smart Meter Disposition Rider			10000	$ -		10000	$ -	$ -			10000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	10000	$ -	$ 0.00023	10000	$ 2.30	$ 2.30		$ -	10000	$ -	-$ 2.30	-100.00%
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 226.72			$ 241.30	**$ 14.58**	**6.43%**			$ 242.00	**$ 0.70**	**0.29%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	10000	$ -	-$ 0.00059	10000	-$ 5.93	-$ 5.93			10000	$ -	$ 5.93	-100.00%
Deferral/Variance Account Disposition Rate Rider Group 2			10000	$ -	$ 0.00143	10000	$ 14.30	$ 14.30			10000	$ -	-$ 14.30	-100.00%
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	10,358	$ 0.62	$ 0.00006	10,338	$ 0.62	-$ 0.00	-0.19%	$ 0.00006	10,338	$ 0.62	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	358	$ 36.57	$ 0.1021	338	$ 34.52	-$ 2.04	-5.59%	$ 0.1021	338	$ 34.52	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 264.70**			**$ 285.60**	**$ 20.91**	**7.90%**			**$ 277.93**	**-$ 7.67**	**-2.69%**
RTSR - Network	per kWh	$ 0.0070	10358	$ 72.51	$ 0.0070	10338	$ 72.37	-$ 0.14	-0.19%	$ 0.0070	10338	$ 72.37	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	10358	$ 41.43	$ 0.0040	10338	$ 41.35	-$ 0.08	-0.19%	$ 0.0040	10338	$ 41.35	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 378.64**			**$ 399.32**	**$ 20.69**	**5.46%**			**$ 391.65**	**-$ 7.67**	**-1.92%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	10358	$ 45.58	$ 0.0044	10338	$ 45.49	-$ 0.09	-0.19%	$ 0.0044	10338	$ 45.49	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	10358	$ 13.47	$ 0.0013	10338	$ 13.44	-$ 0.03	-0.19%	$ 0.0013	10338	$ 13.44	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	10000	$ 69.40	$ 0.0069	10000	$ 69.40	$ -	0.00%	$ 0.0069	10000	$ 69.40	$ -	0.00%
TOU - Off Peak		$ 0.0800	6400	$ 512.00	$ 0.0800	6400	$ 512.00	$ -	0.00%	$ 0.0800	6400	$ 512.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	1800	$ 219.60	$ 0.1220	1800	$ 219.60	$ -	0.00%	$ 0.1220	1800	$ 219.60	$ -	0.00%
TOU - On Peak		$ 0.1610	1800	$ 289.80	$ 0.1610	1800	$ 289.80	$ -	0.00%	$ 0.1610	1800	$ 289.80	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	9250	$ 1,017.50	$ 0.1100	9250	$ 1,017.50	$ -	0.00%	$ 0.1100	9250	$ 1,017.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 1,528.73**			**$ 1,549.30**	**$ 20.57**	**1.35%**			**$ 1,541.63**	**-$ 7.67**	**-0.50%**
HST		13%		$ 198.73	13%		$ 201.41	$ 2.67	1.35%	13%		$ 200.41	-$ 1.00	-0.50%
Total Bill (including HST)				$ 1,727.46			$ 1,750.71	$ 23.25	1.35%			$ 1,742.04	-$ 8.67	-0.50%
Ontario Clean Energy Benefit [1]				-$ 172.75			-$ 175.07	-$ 2.32	1.34%			-$ 174.20	$ 0.87	-0.50%
Total Bill on TOU (including OCEB)				**$ 1,554.71**			**$ 1,575.64**	**$ 20.93**	**1.35%**			**$ 1,567.84**	**-$ 7.80**	**-0.49%**
Total Bill on RPP (before Taxes)				**$ 1,595.33**			**$ 1,615.90**	**$ 20.57**	**1.29%**			**$ 1,608.23**	**-$ 7.67**	**-0.47%**
HST		13%		$ 207.39	13%		$ 210.07	$ 2.67	1.29%	13%		$ 209.07	-$ 1.00	-0.47%
Total Bill (including HST)				$ 1,802.72			$ 1,825.96	$ 23.25	1.29%			$ 1,817.30	-$ 8.67	-0.47%
Ontario Clean Energy Benefit [1]				-$ 180.27			-$ 182.60	-$ 2.33	1.29%			-$ 181.73	$ 0.87	-0.48%
Total Bill on RPP (including OCEB)				**$ 1,622.45**			**$ 1,643.36**	**$ 20.92**	**1.29%**			**$ 1,635.57**	**-$ 7.80**	**-0.47%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 10,000 kWh ● May 1 - October 31

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2018 Proposed Rate ($)	2018 Proposed Volume	2018 Proposed Charge ($)	Impact 2018 vs 2017 $ Change	Impact 2018 vs 2017 % Change	2019 Proposed Rate ($)	2019 Proposed Volume	2019 Proposed Charge ($)	Impact 2019 vs 2018 $ Change	Impact 2019 vs 2018 % Change	2020 Proposed Rate ($)	2020 Proposed Volume	2020 Proposed Charge ($)	Impact 2020 vs 2019 $ Change	Impact 2020 vs 2019 % Change
Monthly Service Charge	Monthly	$ 16.7200	1	$ 16.72	$ 33.5000	1	$ 33.50	$ 5.50	19.64%	$ 39.0000	1	$ 39.00	$ 5.50	16.42%	$ 44.0000	1	$ 44.00	$ 5.00	12.82%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0210	10000	$ 210.00	$ 0.0209	10000	$ 209.00	-$ 5.00	-2.34%	$ 0.0200	10000	$ 200.00	-$ 9.00	-4.31%	$ 0.0188	10000	$ 188.00	-$ 12.00	-6.00%
Smart Meter Disposition Rider			10000	$ -		10000	$ -	$ -			10000	$ -	$ -			10000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	10000	$ -	$ -	10000	$ -	$ -		$ -	10000	$ -	$ -		$ -	10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -			10000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 226.72			$ 242.50	**$ 0.50**	**0.21%**			$ 239.00	**-$ 3.50**	**-1.44%**			$ 232.00	**-$ 7.00**	**-2.93%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	10000	$ -		10000	$ -	$ -			10000	$ -	$ -			10000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			10000	$ -		10000	$ -	$ -			10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -			10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -			10000	$ -	$ -			10000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	10,358	$ 0.62	$ 0.00006	10,338	$ 0.62	$ -	0.00%	$ 0.00006	10,338	$ 0.62	$ -	0.00%	$ 0.00006	10,338	$ 0.62	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	358	$ 36.57	$ 0.1021	338	$ 34.52	$ -	0.00%	$ 0.1021	338	$ 34.52	$ -	0.00%	$ 0.1021	338	$ 34.52	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 264.70**			**$ 278.43**	**$ 0.50**	**0.18%**			**$ 274.93**	**-$ 3.50**	**-1.26%**			**$ 267.93**	**-$ 7.00**	**-2.55%**
RTSR - Network	per kWh	$ 0.0070	10358	$ 72.51	$ 0.0070	10338	$ 72.37	$ -	0.00%	$ 0.0070	10338	$ 72.37	$ -	0.00%	$ 0.0070	10338	$ 72.37	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	10358	$ 41.43	$ 0.0040	10338	$ 41.35	$ -	0.00%	$ 0.0040	10338	$ 41.35	$ -	0.00%	$ 0.0040	10338	$ 41.35	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 378.64**			**$ 392.15**	**$ 0.50**	**0.13%**			**$ 388.65**	**-$ 3.50**	**-0.89%**			**$ 381.65**	**-$ 7.00**	**-1.80%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	10358	$ 45.58	$ 0.0044	10338	$ 45.49	$ -	0.00%	$ 0.0044	10338	$ 45.49	$ -	0.00%	$ 0.0044	10338	$ 45.49	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	10358	$ 13.47	$ 0.0013	10338	$ 13.44	$ -	0.00%	$ 0.0013	10338	$ 13.44	$ -	0.00%	$ 0.0013	10338	$ 13.44	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	10000	$ 69.40	$ 0.0069	10000	$ 69.40	$ -	0.00%	$ 0.0069	10000	$ 69.40	$ -	0.00%	$ 0.0069	10000	$ 69.40	$ -	0.00%
TOU - Off Peak		$ 0.0800	6400	$ 512.00	$ 0.0800	6400	$ 512.00	$ -	0.00%	$ 0.0800	6400	$ 512.00	$ -	0.00%	$ 0.0800	6400	$ 512.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	1800	$ 219.60	$ 0.1220	1800	$ 219.60	$ -	0.00%	$ 0.1220	1800	$ 219.60	$ -	0.00%	$ 0.1220	1800	$ 219.60	$ -	0.00%
TOU - On Peak		$ 0.1610	1800	$ 289.80	$ 0.1610	1800	$ 289.80	$ -	0.00%	$ 0.1610	1800	$ 289.80	$ -	0.00%	$ 0.1610	1800	$ 289.80	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	9250	$ 1,017.50	$ 0.1100	9250	$ 1,017.50	$ -	0.00%	$ 0.1100	9250	$ 1,017.50	$ -	0.00%	$ 0.1100	9250	$ 1,017.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 1,528.73**			**$ 1,542.13**	**$ 0.50**	**0.03%**			**$ 1,538.63**	**-$ 3.50**	**-0.23%**			**$ 1,531.63**	**-$ 7.00**	**-0.45%**
HST		13%		$ 198.73	13%		$ 200.48	$ 0.06	0.03%	13%		$ 200.02	-$ 0.45	-0.23%	13%		$ 199.11	-$ 0.91	-0.45%
Total Bill (including HST)				$ 1,727.46			$ 1,742.60	$ 0.56	0.03%			$ 1,738.65	-$ 3.95	-0.23%			$ 1,730.74	-$ 7.91	-0.45%
Ontario Clean Energy Benefit [1]				-$ 172.75			-$ 174.26	-$ 0.06	0.03%			-$ 173.86	$ 0.40	-0.23%			-$ 173.07	$ 0.79	-0.45%
Total Bill on TOU (including OCEB)				**$ 1,554.71**			**$ 1,568.34**	**$ 0.50**	**0.03%**			**$ 1,564.79**	**-$ 3.55**	**-0.23%**			**$ 1,557.67**	**-$ 7.12**	**-0.46%**
Total Bill on RPP (before Taxes)				**$ 1,595.33**			**$ 1,608.73**	**$ 0.50**	**0.03%**			**$ 1,605.23**	**-$ 3.50**	**-0.22%**			**$ 1,598.23**	**-$ 7.00**	**-0.44%**
HST		13%		$ 207.39	13%		$ 209.13	$ 0.06	0.03%	13%		$ 208.68	-$ 0.45	-0.22%	13%		$ 207.77	-$ 0.91	-0.44%
Total Bill (including HST)				$ 1,802.72			$ 1,817.86	$ 0.56	0.03%			$ 1,813.91	-$ 3.95	-0.22%			$ 1,806.00	-$ 7.91	-0.44%
Ontario Clean Energy Benefit [1]				-$ 180.27			-$ 181.79	-$ 0.06	0.03%			-$ 181.39	$ 0.40	-0.22%			-$ 180.60	$ 0.79	-0.44%
Total Bill on RPP (including OCEB)				**$ 1,622.45**			**$ 1,636.07**	**$ 0.50**	**0.03%**			**$ 1,632.52**	**-$ 3.55**	**-0.22%**			**$ 1,625.40**	**-$ 7.12**	**-0.44%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 15,000 kWh ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 16.7200	1	$ 16.72	$ 23.0000	1	$ 23.00	$ 6.28	37.56%	$ 28.0000	1	$ 28.00	$ 5.00	21.74%	$ 33.5000	1	$ 33.50	$ 5.50	19.64%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0210	15000	$ 315.00	$ 0.0216	15000	$ 324.00	$ 9.00	2.86%	$ 0.0214	15000	$ 321.00	-$ 3.00	-0.93%	$ 0.0209	15000	$ 313.50	-$ 7.50	-2.34%
Smart Meter Disposition Rider			15000	$ -		15000	$ -	$ -			15000	$ -	$ -			15000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	15000	$ -	$ 0.00023	15000	$ 3.45	$ 3.45		$ -	15000	$ -	-$ 3.45	-100.00%	$ -	15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -			15000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 331.72			$ 350.45	**$ 18.73**	**5.65%**			$ 349.00	**-$ 1.45**	**-0.41%**			$ 347.00	**-$ 2.00**	**-0.57%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	15000	$ -	-$ 0.00059	15000	-$ 8.90	-$ 8.90			15000	$ -	$ 8.90	-100.00%		15000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			15000	$ -	$ 0.00143	15000	$ 21.45	$ 21.45			15000	$ -	-$ 21.45	-100.00%		15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -			15000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	15,537	$ 0.93	$ 0.00006	15,507	$ 0.93	-$ 0.00	-0.19%	$ 0.00006	15,507	$ 0.93	$ -	0.00%	$ 0.00006	15,507	$ 0.93	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	537	$ 54.85	$ 0.1021	507	$ 51.78	-$ 3.06	-5.59%	$ 0.1021	507	$ 51.78	$ -	0.00%	$ 0.1021	507	$ 51.78	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 388.29**			**$ 416.51**	**$ 28.22**	**7.27%**			**$ 402.51**	**-$ 14.01**	**-3.36%**			**$ 400.51**	**-$ 2.00**	**-0.50%**
RTSR - Network	per kWh	$ 0.0070	15537	$ 108.76	$ 0.0070	15507	$ 108.55	-$ 0.21	-0.19%	$ 0.0070	15507	$ 108.55	$ -	0.00%	$ 0.0070	15507	$ 108.55	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	15537	$ 62.15	$ 0.0040	15507	$ 62.03	-$ 0.12	-0.19%	$ 0.0040	15507	$ 62.03	$ -	0.00%	$ 0.0040	15507	$ 62.03	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 559.20**			**$ 587.09**	**$ 27.89**	**4.99%**			**$ 573.08**	**-$ 14.01**	**-2.39%**			**$ 571.08**	**-$ 2.00**	**-0.35%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	15537	$ 68.36	$ 0.0044	15507	$ 68.23	-$ 0.13	-0.19%	$ 0.0044	15507	$ 68.23	$ -	0.00%	$ 0.0044	15507	$ 68.23	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	15537	$ 20.20	$ 0.0013	15507	$ 20.16	-$ 0.04	-0.19%	$ 0.0013	15507	$ 20.16	$ -	0.00%	$ 0.0013	15507	$ 20.16	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	15000	$ 104.10	$ 0.0069	15000	$ 104.10	$ -	0.00%	$ 0.0069	15000	$ 104.10	$ -	0.00%	$ 0.0069	15000	$ 104.10	$ -	0.00%
TOU - Off Peak		$ 0.0800	9600	$ 768.00	$ 0.0800	9600	$ 768.00	$ -	0.00%	$ 0.0800	9600	$ 768.00	$ -	0.00%	$ 0.0800	9600	$ 768.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	2700	$ 329.40	$ 0.1220	2700	$ 329.40	$ -	0.00%	$ 0.1220	2700	$ 329.40	$ -	0.00%	$ 0.1220	2700	$ 329.40	$ -	0.00%
TOU - On Peak		$ 0.1610	2700	$ 434.70	$ 0.1610	2700	$ 434.70	$ -	0.00%	$ 0.1610	2700	$ 434.70	$ -	0.00%	$ 0.1610	2700	$ 434.70	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	14250	$ 1,567.50	$ 0.1100	14250	$ 1,567.50	$ -	0.00%	$ 0.1100	14250	$ 1,567.50	$ -	0.00%	$ 0.1100	14250	$ 1,567.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 2,284.21**			**$ 2,311.93**	**$ 27.72**	**1.21%**			**$ 2,297.92**	**-$ 14.01**	**-0.61%**			**$ 2,295.92**	**-$ 2.00**	**-0.09%**
HST		13%		$ 296.95	13%		$ 300.55	$ 3.60	1.21%	13%		$ 298.73	-$ 1.82	-0.61%	13%		$ 298.47	-$ 0.26	-0.09%
Total Bill (including HST)				$ 2,581.16			$ 2,612.48	$ 31.32	1.21%			$ 2,596.65	-$ 15.83	-0.61%			$ 2,594.39	-$ 2.26	-0.09%
Ontario Clean Energy Benefit [1]				-$ 258.12			-$ 261.25	-$ 3.13	1.21%			-$ 259.67	$ 1.58	-0.60%			-$ 259.44	$ 0.23	-0.09%
Total Bill on TOU (including OCEB)				**$ 2,323.04**			**$ 2,351.23**	**$ 28.19**	**1.21%**			**$ 2,336.98**	**-$ 14.25**	**-0.61%**			**$ 2,334.95**	**-$ 2.03**	**-0.09%**
Total Bill on RPP (before Taxes)				**$ 2,390.11**			**$ 2,417.83**	**$ 27.72**	**1.16%**			**$ 2,403.82**	**-$ 14.00**	**-0.58%**			**$ 2,401.82**	**-$ 2.00**	**-0.08%**
HST		13%		$ 310.71	13%		$ 314.32	$ 3.60	1.16%	13%		$ 312.50	-$ 1.82	-0.58%	13%		$ 312.24	-$ 0.26	-0.08%
Total Bill (including HST)				$ 2,700.82			$ 2,732.14	$ 31.32	1.16%			$ 2,716.32	-$ 15.83	-0.58%			$ 2,714.06	-$ 2.26	-0.08%
Ontario Clean Energy Benefit [1]				-$ 270.08			-$ 273.21	-$ 3.13	1.16%			-$ 271.63	$ 1.58	-0.58%			-$ 271.41	$ 0.22	-0.08%
Total Bill on RPP (including OCEB)				**$ 2,430.74**			**$ 2,458.93**	**$ 28.19**	**1.16%**			**$ 2,444.69**	**-$ 14.25**	**-0.58%**			**$ 2,442.65**	**-$ 2.04**	**-0.08%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 15,000 kWh ● May 1 - October 31

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 16.7200	1	$ 16.72	$ 39.0000	1	$ 39.00	$ 5.50	16.42%	$ 44.0000	1	$ 44.00	$ 5.00	12.82%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0210	15000	$ 315.00	$ 0.0200	15000	$ 300.00	-$ 13.50	-4.31%	$ 0.0188	15000	$ 282.00	-$ 18.00	-6.00%
Smart Meter Disposition Rider			15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	15000	$ -	$ -	15000	$ -	$ -		$ -	15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 331.72			$ 339.00	**-$ 8.00**	**-2.31%**			$ 326.00	**-$ 13.00**	**-3.83%**
Deferral/Variance Account Disposition Rate Rider Group 1		$ -	15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Group 2			15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -			15000	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	15,537	$ 0.93	$ 0.00006	15,507	$ 0.93	$ -	0.00%	$ 0.00006	15,507	$ 0.93	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	537	$ 54.85	$ 0.1021	507	$ 51.78	$ -	0.00%	$ 0.1021	507	$ 51.78	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 388.29**			**$ 392.51**	**-$ 8.00**	**-2.00%**			**$ 379.51**	**-$ 13.00**	**-3.31%**
RTSR - Network	per kWh	$ 0.0070	15537	$ 108.76	$ 0.0070	15507	$ 108.55	$ -	0.00%	$ 0.0070	15507	$ 108.55	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	15537	$ 62.15	$ 0.0040	15507	$ 62.03	$ -	0.00%	$ 0.0040	15507	$ 62.03	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 559.20**			**$ 563.08**	**-$ 8.00**	**-1.40%**			**$ 550.08**	**-$ 13.00**	**-2.31%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	15537	$ 68.36	$ 0.0044	15507	$ 68.23	$ -	0.00%	$ 0.0044	15507	$ 68.23	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	15537	$ 20.20	$ 0.0013	15507	$ 20.16	$ -	0.00%	$ 0.0013	15507	$ 20.16	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	15000	$ 104.10	$ 0.0069	15000	$ 104.10	$ -	0.00%	$ 0.0069	15000	$ 104.10	$ -	0.00%
TOU - Off Peak		$ 0.0800	9600	$ 768.00	$ 0.0800	9600	$ 768.00	$ -	0.00%	$ 0.0800	9600	$ 768.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	2700	$ 329.40	$ 0.1220	2700	$ 329.40	$ -	0.00%	$ 0.1220	2700	$ 329.40	$ -	0.00%
TOU - On Peak		$ 0.1610	2700	$ 434.70	$ 0.1610	2700	$ 434.70	$ -	0.00%	$ 0.1610	2700	$ 434.70	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	14250	$ 1,567.50	$ 0.1100	14250	$ 1,567.50	$ -	0.00%	$ 0.1100	14250	$ 1,567.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 2,284.21**			**$ 2,287.92**	**-$ 8.00**	**-0.35%**			**$ 2,274.92**	**-$ 13.00**	**-0.57%**
HST		13%		$ 296.95	13%		$ 297.43	-$ 1.04	-0.35%	13%		$ 295.74	-$ 1.69	-0.57%
Total Bill (including HST)				$ 2,581.16			$ 2,585.35	-$ 9.04	-0.35%			$ 2,570.66	-$ 14.69	-0.57%
Ontario Clean Energy Benefit [1]				-$ 258.12			-$ 258.54	$ 0.90	-0.35%			-$ 257.07	$ 1.47	-0.57%
Total Bill on TOU (including OCEB)				**$ 2,323.04**			**$ 2,326.81**	**-$ 8.14**	**-0.35%**			**$ 2,313.59**	**-$ 13.22**	**-0.57%**
Total Bill on RPP (before Taxes)				**$ 2,390.11**			**$ 2,393.82**	**-$ 8.00**	**-0.33%**			**$ 2,380.82**	**-$ 13.00**	**-0.54%**
HST		13%		$ 310.71	13%		$ 311.20	-$ 1.04	-0.33%	13%		$ 309.51	-$ 1.69	-0.54%
Total Bill (including HST)				$ 2,700.82			$ 2,705.02	-$ 9.04	-0.33%			$ 2,690.33	-$ 14.69	-0.54%
Ontario Clean Energy Benefit [1]				-$ 270.08			-$ 270.50	$ 0.91	-0.34%			-$ 269.03	$ 1.47	-0.54%
Total Bill on RPP (including OCEB)				**$ 2,430.74**			**$ 2,434.52**	**-$ 8.13**	**-0.33%**			**$ 2,421.30**	**-$ 13.22**	**-0.54%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 51,100 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)
50 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 260.8200	1	$ 260.82	$ 290.0000	1	$ 290.00	$ 29.18	11.19%	$ 350.0000	1	$ 350.00	$ 60.00	20.69%	$ 420.0000	1	$ 420.00	$ 70.00	20.00%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.5691	50	$ 178.46	$ 3.9496	50	$ 197.48	$ 19.03	10.66%	$ 3.9251	50	$ 196.26	-$ 1.23	-0.62%	$ 3.8265	50	$ 191.33	$ 4.93	-2.51%
Smart Meter Disposition Rider			51100	$ -		51100	$ -	$ -			51100	$ -	$ -			51100	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	50	$ -	-$ 0.0771	50	-$ 3.86	-$ 3.86			50	$ -	$ 3.86	-100.00%		50	$ -	$ -	
			51100	$ -		51100	$ -	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -			51100	$ -	$ -			51100	$ -	$ -	
Sub-Total A (excluding pass through)				$ 439.28			$ 483.62	**$ 44.35**	**10.10%**			$ 546.26	**$ 62.63**	**12.95%**			$ 611.33	**$ 65.07**	**11.91%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	50	$ -	-$ 0.25141	50	-$ 12.57	-$ 12.57			50	$ -	$ 12.57	-100.00%		50	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW		50	$ -	$ 0.5416	50	$ 27.08	$ 27.08			50	$ -	-$ 27.08	-100.00%		50	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		51100	$ -	$ 0.0028	51100	$ 143.59	$ 143.59			51100	$ -	-$ 143.59	-100.00%		51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -			51100	$ -	$ -			51100	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02354	50	$ 1.18	$ 0.02526	50	$ 1.26	$ 0.09	7.31%	$ 0.02549	50	$ 1.27	$ 0.01	0.91%	$ 0.02555	50	$ 1.28	$ 0.00	0.24%
Line Losses on Cost of Power		$ 0.1021	1,829	$ 186.85	$ 0.1021	1,727	$ 176.41	-$ 10.44	-5.59%	$ 0.1021	1,727	$ 176.41	$ -	0.00%	$ 0.1021	1,727	$ 176.41	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 627.30**			**$ 819.40**	**$ 192.10**	**30.62%**			**$ 723.94**	**-$ 95.46**	**-11.65%**			**$ 789.02**	**$ 65.07**	**8.99%**
RTSR - Network	per kW	$ 2.9072	50	$ 145.36	$ 2.9072	50	$ 145.36	$ -	0.00%	$ 2.9072	50	$ 145.36	$ -	0.00%	$ 2.9072	50	$ 145.36	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.6232	50	$ 81.16	$ 1.6232	50	$ 81.16	$ -	0.00%	$ 1.6232	50	$ 81.16	$ -	0.00%	$ 1.6232	50	$ 81.16	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 853.82**			**$ 1,045.92**	**$ 192.10**	**22.50%**			**$ 950.46**	**-$ 95.46**	**-9.13%**			**$ 1,015.54**	**$ 65.07**	**6.85%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	52929	$ 232.89	$ 0.0044	52827	$ 232.44	-$ 0.45	-0.19%	$ 0.0044	52827	$ 232.44	$ -	0.00%	$ 0.0044	52827	$ 232.44	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	52929	$ 68.81	$ 0.0013	52827	$ 68.68	-$ 0.13	-0.19%	$ 0.0013	52827	$ 68.68	$ -	0.00%	$ 0.0013	52827	$ 68.68	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	51100	$ 354.63	$ 0.0069	51100	$ 354.63	$ -	0.00%	$ 0.0069	51100	$ 354.63	$ -	0.00%	$ 0.0069	51100	$ 354.63	$ -	0.00%
TOU - Off Peak		$ 0.0800	32704	$ 2,616.32	$ 0.0800	32704	$ 2,616.32	$ -	0.00%	$ 0.0800	32704	$ 2,616.32	$ -	0.00%	$ 0.0800	32704	$ 2,616.32	$ -	0.00%
TOU - Mid Peak		$ 0.1220	9198	$ 1,122.16	$ 0.1220	9198	$ 1,122.16	$ -	0.00%	$ 0.1220	9198	$ 1,122.16	$ -	0.00%	$ 0.1220	9198	$ 1,122.16	$ -	0.00%
TOU - On Peak		$ 0.1610	9198	$ 1,480.88	$ 0.1610	9198	$ 1,480.88	$ -	0.00%	$ 0.1610	9198	$ 1,480.88	$ -	0.00%	$ 0.1610	9198	$ 1,480.88	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	50350	$ 5,538.50	$ 0.1100	50350	$ 5,538.50	$ -	0.00%	$ 0.1100	50350	$ 5,538.50	$ -	0.00%	$ 0.1100	50350	$ 5,538.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 6,729.76**			**$ 6,921.27**	**$ 191.51**	**2.85%**			**$ 6,825.82**	**-$ 95.46**	**-1.38%**			**$ 6,890.89**	**$ 65.07**	**0.95%**
HST		13%		$ 874.87	13%		$ 899.77	$ 24.90	2.85%	13%		$ 887.36	-$ 12.41	-1.38%	13%		$ 895.82	$ 8.46	0.95%
Total Bill (including HST)				$ 7,604.63			$ 7,821.04	$ 216.41	2.85%			$ 7,713.17	-$ 107.87	-1.38%			$ 7,786.71	$ 73.53	0.95%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 7,604.63**			**$ 7,821.04**	**$ 216.41**	**2.85%**			**$ 7,713.17**	**-$ 107.87**	**-1.38%**			**$ 7,786.71**	**$ 73.53**	**0.95%**
Total Bill on RPP (before Taxes)				**$ 7,119.41**			**$ 7,310.92**	**$ 191.51**	**2.69%**			**$ 7,215.46**	**-$ 95.46**	**-1.31%**			**$ 7,280.54**	**$ 65.07**	**0.90%**
HST		13%		$ 925.52	13%		$ 950.42	$ 24.90	2.69%	13%		$ 938.01	-$ 12.41	-1.31%	13%		$ 946.47	$ 8.46	0.90%
Total Bill (including HST)				$ 8,044.93			$ 8,261.34	$ 216.41	2.69%			$ 8,153.47	-$ 107.87	-1.31%			$ 8,227.01	$ 73.53	0.90%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 8,044.93**			**$ 8,261.34**	**$ 216.41**	**2.69%**			**$ 8,153.47**	**-$ 107.87**	**-1.31%**			**$ 8,227.01**	**$ 73.53**	**0.90%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

	Consumption	**51,100**	**kWh**	● May 1 - October 31											
		50	KW												
		Current Board-Approved				**2019 Proposed**			**Impact 2019 vs 2018**		**2020 Proposed**			**Impact 2020 vs 2019**	
	Charge Unit	**Rate ($)**	**Volume**	**Charge ($)**		**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**
Monthly Service Charge	Monthly	$ 260.8200	1	$ 260.82		$ 490.0000	1	$ 490.00	$ 70.00	16.67%	$ 550.0000	1	$ 550.00	$ 60.00	12.24%
Smart Meter Rate Adder			1	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.5691	50	$ 178.46		$ 3.6735	50	$ 183.68	$ 7.65	-4.00%	$ 3.4709	50	$ 173.55	-$ 10.13	-5.52%
Smart Meter Disposition Rider		-	51100	$ -			51100	$ -	$ -			51100	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	50	$ -			50	$ -	$ -			50	$ -	$ -	
			51100	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -			51100	$ -	$ -			51100	$ -	$ -	
Sub-Total A (excluding pass through)				$ 439.28				$ 673.68	**$ 62.35**	**10.20%**			$ 723.55	**$ 49.87**	**7.40%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	50	$ -			50	$ -	$ -			50	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW		50	$ -			50	$ -	$ -			50	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		51100	$ -			51100	$ -	$ -			51100	$ -	$ -	
			51100	$ -			51100	$ -	$ -			51100	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02354	50	$ 1.18		$ 0.02557	50	$ 1.28	$ 0.00	0.08%	$ 0.02558	50	$ 1.28	$ 0.00	0.04%
Line Losses on Cost of Power		$ 0.1021	1,829	$ 186.85		$ 0.1021	1,727	$ 176.41	$ -	0.00%	$ 0.1021	1,727	$ 176.41	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 627.30**				**$ 851.37**	**$ 62.35**	**7.90%**			**$ 901.24**	**$ 49.87**	**5.86%**
RTSR - Network	per kW	$ 2.9072	50	$ 145.36		$ 2.9072	50	$ 145.36	$ -	0.00%	$ 2.9072	50	$ 145.36	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.6232	50	$ 81.16		$ 1.6232	50	$ 81.16	$ -	0.00%	$ 1.6232	50	$ 81.16	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 853.82**				**$ 1,077.89**	**$ 62.35**	**6.14%**			**$ 1,127.76**	**$ 49.87**	**4.63%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	52929	$ 232.89		$ 0.0044	52827	$ 232.44	$ -	0.00%	$ 0.0044	52827	$ 232.44	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	52929	$ 68.81		$ 0.0013	52827	$ 68.68	$ -	0.00%	$ 0.0013	52827	$ 68.68	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25		$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	51100	$ 354.63		$ 0.0069	51100	$ 354.63	$ -	0.00%	$ 0.0069	51100	$ 354.63	$ -	0.00%
TOU - Off Peak		$ 0.0800	32704	$ 2,616.32		$ 0.0800	32704	$ 2,616.32	$ -	0.00%	$ 0.0800	32704	$ 2,616.32	$ -	0.00%
TOU - Mid Peak		$ 0.1220	9198	$ 1,122.16		$ 0.1220	9198	$ 1,122.16	$ -	0.00%	$ 0.1220	9198	$ 1,122.16	$ -	0.00%
TOU - On Peak		$ 0.1610	9198	$ 1,480.88		$ 0.1610	9198	$ 1,480.88	$ -	0.00%	$ 0.1610	9198	$ 1,480.88	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50		$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	50350	$ 5,538.50		$ 0.1100	50350	$ 5,538.50	$ -	0.00%	$ 0.1100	50350	$ 5,538.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 6,729.76**				**$ 6,953.24**	**$ 62.35**	**0.90%**			**$ 7,003.11**	**$ 49.87**	**0.72%**
HST		13%		$ 874.87		13%		$ 903.92	$ 8.11	0.90%		13%	$ 910.40	$ 6.48	0.72%
Total Bill (including HST)				$ 7,604.63				$ 7,857.16	$ 70.46	0.90%			$ 7,913.52	$ 56.35	0.72%
Ontario Clean Energy Benefit [1]				$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 7,604.63**				**$ 7,857.16**	**$ 70.46**	**0.90%**			**$ 7,913.52**	**$ 56.35**	**0.72%**
Total Bill on RPP (before Taxes)				**$ 7,119.41**				**$ 7,342.89**	**$ 62.35**	**0.86%**			**$ 7,392.76**	**$ 49.87**	**0.68%**
HST		13%		$ 925.52		13%		$ 954.58	$ 8.11	0.86%		13%	$ 961.06	$ 6.48	0.68%
Total Bill (including HST)				$ 8,044.93				$ 8,297.46	$ 70.46	0.86%			$ 8,353.82	$ 56.35	0.68%
Ontario Clean Energy Benefit [1]				$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 8,044.93**				**$ 8,297.46**	**$ 70.46**	**0.86%**			**$ 8,353.82**	**$ 56.35**	**0.68%**
Loss Factor (%)		3.5800%				3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 127,750 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)
250 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 260.8200	1	$ 260.82	$ 290.0000	1	$ 290.00	$ 29.18	11.19%	$ 350.0000	1	$ 350.00	$ 60.00	20.69%	$ 420.0000	1	$ 420.00	$ 70.00	20.00%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.5691	250	$ 892.28	$ 3.9496	250	$ 987.40	$ 95.13	10.66%	$ 3.9251	250	$ 981.28	-$ 6.13	-0.62%	$ 3.8265	250	$ 956.63	-$ 24.65	-2.51%
Smart Meter Disposition Rider			127750	$ -		127750	$ -	$ -			127750	$ -	$ -			127750	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	250	$ -	-$ 0.0771	250	-$ 19.28	-$ 19.28		$ -	250	$ -	$ 19.28	-100.00%	$ -	250	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -			127750	$ -	$ -	
Sub-Total A (excluding pass through)				$ 1,153.10			$ 1,258.12	**$ 105.03**	**9.11%**			$ 1,331.28	**$ 73.15**	**5.81%**			$ 1,376.63	**$ 45.35**	**3.41%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	250	$ -	-$ 0.2514	250	-$ 62.85	-$ 62.85		$ -	250	$ -	$ 62.85	-100.00%	$ -	250	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	$ -	250	$ -	$ 0.5416	250	$ 135.40	$ 135.40		$ -	250	$ -	-$ 135.40	-100.00%	$ -	250	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		127750	$ -	$ 0.0028	127750	$ 358.98	$ 358.98			127750	$ -	-$ 358.98	-100.00%		127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -			127750	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02354	250	$ 5.89	$ 0.02526	250	$ 6.32	$ 0.43	7.31%	$ 0.02549	250	$ 6.37	$ 0.06	0.91%	$ 0.02555	250	$ 6.39	$ 0.02	0.24%
Line Losses on Cost of Power		$ 0.1021	4,573	$ 467.13	$ 0.1021	4,318	$ 441.04	-$ 26.10	-5.59%	$ 0.1021	4,318	$ 441.04	$ -	0.00%	$ 0.1021	4,318	$ 441.04	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 1,626.11**			**$ 2,137.00**	**$ 510.88**	**31.42%**			**$ 1,778.68**	**-$ 358.31**	**-16.77%**			**$ 1,824.05**	**$ 45.37**	**2.55%**
RTSR - Network	per kW	$ 2.9072	250	$ 726.80	$ 2.9072	250	$ 726.80	$ -	0.00%	$ 2.9072	250	$ 726.80	$ -	0.00%	$ 2.9072	250	$ 726.80	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.6232	250	$ 405.80	$ 1.6232	250	$ 405.80	$ -	0.00%	$ 1.6232	250	$ 405.80	$ -	0.00%	$ 1.6232	250	$ 405.80	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 2,758.71**			**$ 3,269.60**	**$ 510.88**	**18.52%**			**$ 2,911.28**	**-$ 358.31**	**-10.96%**			**$ 2,956.65**	**$ 45.37**	**1.56%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	132323	$ 582.22	$ 0.0044	132068	$ 581.10	-$ 1.12	-0.19%	$ 0.0044	132068	$ 581.10	$ -	0.00%	$ 0.0044	132068	$ 581.10	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	132323	$ 172.02	$ 0.0013	132068	$ 171.69	-$ 0.33	-0.19%	$ 0.0013	132068	$ 171.69	$ -	0.00%	$ 0.0013	132068	$ 171.69	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	127750	$ 886.59	$ 0.0069	127750	$ 886.59	$ -	0.00%	$ 0.0069	127750	$ 886.59	$ -	0.00%	$ 0.0069	127750	$ 886.59	$ -	0.00%
TOU - Off Peak		$ 0.0800	81760	$ 6,540.80	$ 0.0800	81760	$ 6,540.80	$ -	0.00%	$ 0.0800	81760	$ 6,540.80	$ -	0.00%	$ 0.0800	81760	$ 6,540.80	$ -	0.00%
TOU - Mid Peak		$ 0.1220	22995	$ 2,805.39	$ 0.1220	22995	$ 2,805.39	$ -	0.00%	$ 0.1220	22995	$ 2,805.39	$ -	0.00%	$ 0.1220	22995	$ 2,805.39	$ -	0.00%
TOU - On Peak		$ 0.1610	22995	$ 3,702.20	$ 0.1610	22995	$ 3,702.20	$ -	0.00%	$ 0.1610	22995	$ 3,702.20	$ -	0.00%	$ 0.1610	22995	$ 3,702.20	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	127000	$ 13,970.00	$ 0.1100	127000	$ 13,970.00	$ -	0.00%	$ 0.1100	127000	$ 13,970.00	$ -	0.00%	$ 0.1100	127000	$ 13,970.00	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 17,448.18**			**$ 17,957.60**	**$ 509.43**	**2.92%**			**$ 17,599.29**	**-$ 358.31**	**-2.00%**			**$ 17,644.66**	**$ 45.36**	**0.26%**
HST		13%		$ 2,268.26	13%		$ 2,334.49	$ 66.23	2.92%	13%		$ 2,287.91	-$ 46.58	-2.00%	13%		$ 2,293.81	$ 5.90	0.26%
Total Bill (including HST)				$ 19,716.44			$ 20,292.09	$ 575.65	2.92%			$ 19,887.20	-$ 404.89	-2.00%			$ 19,938.46	$ 51.26	0.26%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 19,716.44**			**$ 20,292.09**	**$ 575.65**	**2.92%**			**$ 19,887.20**	**-$ 404.89**	**-2.00%**			**$ 19,938.46**	**$ 51.26**	**0.26%**
Total Bill on RPP (before Taxes)				**$ 18,440.29**			**$ 18,949.72**	**$ 509.43**	**2.76%**			**$ 18,591.41**	**-$ 358.31**	**-1.89%**			**$ 18,636.77**	**$ 45.36**	**0.24%**
HST		13%		$ 2,397.24	13%		$ 2,463.46	$ 66.23	2.76%	13%		$ 2,416.88	-$ 46.58	-1.89%	13%		$ 2,422.78	$ 5.90	0.24%
Total Bill (including HST)				$ 20,837.53			$ 21,413.18	$ 575.65	2.76%			$ 21,008.29	-$ 404.89	-1.89%			$ 21,059.55	$ 51.26	0.24%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 20,837.53**			**$ 21,413.18**	**$ 575.65**	**2.76%**			**$ 21,008.29**	**-$ 404.89**	**-1.89%**			**$ 21,059.55**	**$ 51.26**	**0.24%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 127,750 kWh ● May 1 - October 31
250 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 260.8200	1	$ 260.82	$ 490.0000	1	$ 490.00	$ 70.00	16.67%	$ 550.0000	1	$ 550.00	$ 60.00	12.24%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.5691	250	$ 892.28	$ 3.6735	250	$ 918.38	$ 38.25	-4.00%	$ 3.4709	250	$ 867.73	-$ 50.65	-5.52%
Smart Meter Disposition Rider		-	127750	$ -		127750	$ -	$ -			127750	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	250	$ -	$ -	250	$ -	$ -		$ -	250	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -	
Sub-Total A (excluding pass through)				$ 1,153.10			$ 1,408.38	**$ 31.75**	**2.31%**			$ 1,417.73	**$ 9.35**	**0.66%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	250	$ -	$ -	250	$ -	$ -		$ -	250	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	$ -	250	$ -	$ -	250	$ -	$ -		$ -	250	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		127750	$ -		127750	$ -	$ -			127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -			127750	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02354	250	$ 5.89	$ 0.02557	250	$ 6.39	$ 0.00	0.08%	$ 0.02558	250	$ 6.40	$ 0.00	0.04%
Line Losses on Cost of Power		$ 0.1021	4,573	$ 467.13	$ 0.1021	4,318	$ 441.04	$ -	0.00%	$ 0.1021	4,318	$ 441.04	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 1,626.11**			**$ 1,855.80**	**$ 31.75**	**1.74%**			**$ 1,865.16**	**$ 9.35**	**0.50%**
RTSR - Network	per kW	$ 2.9072	250	$ 726.80	$ 2.9072	250	$ 726.80	$ -	0.00%	$ 2.9072	250	$ 726.80	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.6232	250	$ 405.80	$ 1.6232	250	$ 405.80	$ -	0.00%	$ 1.6232	250	$ 405.80	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 2,758.71**			**$ 2,988.40**	**$ 31.75**	**1.07%**			**$ 2,997.76**	**$ 9.35**	**0.31%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	132323	$ 582.22	$ 0.0044	132068	$ 581.10	$ -	0.00%	$ 0.0044	132068	$ 581.10	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	132323	$ 172.02	$ 0.0013	132068	$ 171.69	$ -	0.00%	$ 0.0013	132068	$ 171.69	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	127750	$ 886.59	$ 0.0069	127750	$ 886.59	$ -	0.00%	$ 0.0069	127750	$ 886.59	$ -	0.00%
TOU - Off Peak		$ 0.0800	81760	$ 6,540.80	$ 0.0800	81760	$ 6,540.80	$ -	0.00%	$ 0.0800	81760	$ 6,540.80	$ -	0.00%
TOU - Mid Peak		$ 0.1220	22995	$ 2,805.39	$ 0.1220	22995	$ 2,805.39	$ -	0.00%	$ 0.1220	22995	$ 2,805.39	$ -	0.00%
TOU - On Peak		$ 0.1610	22995	$ 3,702.20	$ 0.1610	22995	$ 3,702.20	$ -	0.00%	$ 0.1610	22995	$ 3,702.20	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	127000	$ 13,970.00	$ 0.1100	127000	$ 13,970.00	$ -	0.00%	$ 0.1100	127000	$ 13,970.00	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 17,448.18**			**$ 17,676.41**	**$ 31.76**	**0.18%**			**$ 17,685.76**	**$ 9.35**	**0.05%**
HST		13%		$ 2,268.26	13%		$ 2,297.93	$ 4.13	0.18%	13%		$ 2,299.15	$ 1.22	0.05%
Total Bill (including HST)				$ 19,716.44			$ 19,974.34	$ 35.88	0.18%			$ 19,984.91	$ 10.57	0.05%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 19,716.44**			**$ 19,974.34**	**$ 35.88**	**0.18%**			**$ 19,984.91**	**$ 10.57**	**0.05%**
Total Bill on RPP (before Taxes)				**$ 18,440.29**			**$ 18,668.53**	**$ 31.76**	**0.17%**			**$ 18,677.88**	**$ 9.35**	**0.05%**
HST		13%		$ 2,397.24	13%		$ 2,426.91	$ 4.13	0.17%	13%		$ 2,428.12	$ 1.22	0.05%
Total Bill (including HST)				$ 20,837.53			$ 21,095.43	$ 35.88	0.17%			$ 21,106.00	$ 10.57	0.05%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 20,837.53**			**$ 21,095.43**	**$ 35.88**	**0.17%**			**$ 21,106.00**	**$ 10.57**	**0.05%**

Loss Factor (%) 3.5800% 3.3800% 3.3800%

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Appendix 2-W
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 255,500 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

500 KW

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2016 Proposed Rate ($)	2016 Proposed Volume	2016 Proposed Charge ($)	Impact 2016 vs 2015 $ Change	Impact 2016 vs 2015 % Change	2017 Proposed Rate ($)	2017 Proposed Volume	2017 Proposed Charge ($)	Impact 2017 vs 2016 $ Change	Impact 2017 vs 2016 % Change
Monthly Service Charge	Monthly	$ 260.8200	1	$ 260.82	$ 290.0000	1	$ 290.00	$ 29.18	11.19%	$ 350.0000	1	$ 350.00	$ 60.00	20.69%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.5691	500	$ 1,784.55	$ 3.9496	500	$ 1,974.80	$ 190.25	10.66%	$ 3.9251	500	$ 1,962.55	-$ 12.25	-0.62%
Smart Meter Disposition Rider			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	500	$ -	-$ 0.0771	500	-$ 38.56	-$ 38.56		$ -	500	$ -	$ 38.56	-100.00%
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 2,045.37			$ 2,226.25	**$ 180.88**	**8.84%**			$ 2,312.55	**$ 86.30**	**3.88%**
Deferral/Variance Account Disposition Rate Rider	per kW	$ -	500	$ -	-$ 0.2514	500	-$ 125.70	-$ 125.70		$ -	500	$ -	$ 125.70	-100.00%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ -	500	$ -	$ 0.5416	500	$ 270.80	$ 270.80		$ -	500	$ -	-$ 270.80	-100.00%
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02354	500	$ 11.77	$ 0.02526	500	$ 12.63	$ 0.86	7.31%	$ 0.02549	500	$ 12.75	$ 0.11	0.91%
Line Losses on Cost of Power		$ 0.1021	9,147	$ 934.26	$ 0.1021	8,636	$ 882.07	-$ 52.19	-5.59%	$ 0.1021	8,636	$ 882.07	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 2,991.40**			**$ 3,266.04**	**$ 274.63**	**9.18%**			**$ 3,207.37**	**-$ 58.67**	**-1.80%**
RTSR - Network	per kW	$ 2.9072	500	$ 1,453.60	$ 2.9072	500	$ 1,453.60	$ -	0.00%	$ 2.9072	500	$ 1,453.60	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.6232	500	$ 811.60	$ 1.6232	500	$ 811.60	$ -	0.00%	$ 1.6232	500	$ 811.60	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 5,256.60**			**$ 5,531.24**	**$ 274.63**	**5.22%**			**$ 5,472.57**	**-$ 58.67**	**-1.06%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	264647	$ 1,164.45	$ 0.0044	264136	$ 1,162.20	-$ 2.25	-0.19%	$ 0.0044	264136	$ 1,162.20	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	264647	$ 344.04	$ 0.0013	264136	$ 343.38	-$ 0.66	-0.19%	$ 0.0013	264136	$ 343.38	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	255500	$ 1,773.17	$ 0.0069	255500	$ 1,773.17	$ -	0.00%	$ 0.0069	255500	$ 1,773.17	$ -	0.00%
TOU - Off Peak		$ 0.0800	163520	$ 13,081.60	$ 0.0800	163520	$ 13,081.60	$ -	0.00%	$ 0.0800	163520	$ 13,081.60	$ -	0.00%
TOU - Mid Peak		$ 0.1220	45990	$ 5,610.78	$ 0.1220	45990	$ 5,610.78	$ -	0.00%	$ 0.1220	45990	$ 5,610.78	$ -	0.00%
TOU - On Peak		$ 0.1610	45990	$ 7,404.39	$ 0.1610	45990	$ 7,404.39	$ -	0.00%	$ 0.1610	45990	$ 7,404.39	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	254750	$ 28,022.50	$ 0.1100	254750	$ 28,022.50	$ -	0.00%	$ 0.1100	254750	$ 28,022.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 34,635.28**			**$ 34,907.00**	**$ 271.72**	**0.78%**			**$ 34,848.33**	**-$ 58.67**	**-0.17%**
HST		13%		$ 4,502.59	13%		$ 4,537.91	$ 35.32	0.78%	13%		$ 4,530.28	-$ 7.63	-0.17%
Total Bill (including HST)				$ 39,137.87			$ 39,444.91	$ 307.04	0.78%			$ 39,378.61	-$ 66.30	-0.17%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 39,137.87**			**$ 39,444.91**	**$ 307.04**	**0.78%**			**$ 39,378.61**	**-$ 66.30**	**-0.17%**
Total Bill on RPP (before Taxes)				**$ 36,631.51**			**$ 36,903.23**	**$ 271.72**	**0.74%**			**$ 36,844.56**	**-$ 58.67**	**-0.16%**
HST		13%		$ 4,762.10	13%		$ 4,797.42	$ 35.32	0.74%	13%		$ 4,789.79	-$ 7.63	-0.16%
Total Bill (including HST)				$ 41,393.61			$ 41,700.65	$ 307.04	0.74%			$ 41,634.35	-$ 66.30	-0.16%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 41,393.61**			**$ 41,700.65**	**$ 307.04**	**0.74%**			**$ 41,634.35**	**-$ 66.30**	**-0.16%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 255,500 kWh ● May 1 - October 31
500 kW

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2018 Proposed Rate ($)	2018 Proposed Volume	2018 Proposed Charge ($)	Impact 2018 vs 2017 $ Change	Impact 2018 vs 2017 % Change	2019 Proposed Rate ($)	2019 Proposed Volume	2019 Proposed Charge ($)	Impact 2019 vs 2018 $ Change	Impact 2019 vs 2018 % Change	2020 Proposed Rate ($)	2020 Proposed Volume	2020 Proposed Charge ($)	Impact 2020 vs 2019 $ Change	Impact 2020 vs 2019 % Change
Monthly Service Charge	Monthly	$ 260.8200	1	$ 260.82	$ 420.0000	1	$ 420.00	$ 70.00	20.00%	$ 490.0000	1	$ 490.00	$ 70.00	16.67%	$ 550.0000	1	$ 550.00	$ 60.00	12.24%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.5691	500	$ 1,784.55	$ 3.8265	500	$ 1,913.25	-$ 49.30	-2.51%	$ 3.6735	500	$ 1,836.75	-$ 76.50	-4.00%	$ 3.4709	500	$ 1,735.45	-$ 101.30	-5.52%
Smart Meter Disposition Rider			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	500	$ -	$ -	500	$ -	$ -		$ -	500	$ -	$ -		$ -	500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 2,045.37			$ 2,333.25	**$ 20.70**	**0.90%**			$ 2,326.75	**-$ 6.50**	**-0.28%**			$ 2,285.45	**-$ 41.30**	**-1.78%**
Deferral/Variance Account Disposition Rate Rider	per kW	$ -	500	$ -	$ -	500	$ -	$ -		$ -	500	$ -	$ -		$ -	500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ -	500	$ -	$ -	500	$ -	$ -		$ -	500	$ -	$ -		$ -	500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02354	500	$ 11.77	$ 0.02555	500	$ 12.78	$ 0.03	0.24%	$ 0.02557	500	$ 12.79	$ 0.01	0.08%	$ 0.02558	500	$ 12.79	$ 0.00	0.04%
Line Losses on Cost of Power		$ 0.1021	9,147	$ 934.26	$ 0.1021	8,636	$ 882.07	$ -	0.00%	$ 0.1021	8,636	$ 882.07	$ -	0.00%	$ 0.1021	8,636	$ 882.07	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 2,991.40**			**$ 3,228.10**	**$ 20.73**	**0.65%**			**$ 3,221.61**	**-$ 6.49**	**-0.20%**			**$ 3,180.31**	**-$ 41.30**	**-1.28%**
RTSR - Network	per kW	$ 2.9072	500	$ 1,453.60	$ 2.9072	500	$ 1,453.60	$ -	0.00%	$ 2.9072	500	$ 1,453.60	$ -	0.00%	$ 2.9072	500	$ 1,453.60	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.6232	500	$ 811.60	$ 1.6232	500	$ 811.60	$ -	0.00%	$ 1.6232	500	$ 811.60	$ -	0.00%	$ 1.6232	500	$ 811.60	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 5,256.60**			**$ 5,493.30**	**$ 20.73**	**0.38%**			**$ 5,486.81**	**-$ 6.49**	**-0.12%**			**$ 5,445.51**	**-$ 41.30**	**-0.75%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	264647	$ 1,164.45	$ 0.0044	264136	$ 1,162.20	$ -	0.00%	$ 0.0044	264136	$ 1,162.20	$ -	0.00%	$ 0.0044	264136	$ 1,162.20	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	264647	$ 344.04	$ 0.0013	264136	$ 343.38	$ -	0.00%	$ 0.0013	264136	$ 343.38	$ -	0.00%	$ 0.0013	264136	$ 343.38	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	255500	$ 1,773.17	$ 0.0069	255500	$ 1,773.17	$ -	0.00%	$ 0.0069	255500	$ 1,773.17	$ -	0.00%	$ 0.0069	255500	$ 1,773.17	$ -	0.00%
TOU - Off Peak		$ 0.0800	163520	$ 13,081.60	$ 0.0800	163520	$ 13,081.60	$ -	0.00%	$ 0.0800	163520	$ 13,081.60	$ -	0.00%	$ 0.0800	163520	$ 13,081.60	$ -	0.00%
TOU - Mid Peak		$ 0.1220	45990	$ 5,610.78	$ 0.1220	45990	$ 5,610.78	$ -	0.00%	$ 0.1220	45990	$ 5,610.78	$ -	0.00%	$ 0.1220	45990	$ 5,610.78	$ -	0.00%
TOU - On Peak		$ 0.1610	45990	$ 7,404.39	$ 0.1610	45990	$ 7,404.39	$ -	0.00%	$ 0.1610	45990	$ 7,404.39	$ -	0.00%	$ 0.1610	45990	$ 7,404.39	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	254750	$ 28,022.50	$ 0.1100	254750	$ 28,022.50	$ -	0.00%	$ 0.1100	254750	$ 28,022.50	$ -	0.00%	$ 0.1100	254750	$ 28,022.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 34,635.28**			**$ 34,869.06**	**$ 20.73**	**0.06%**			**$ 34,862.57**	**-$ 6.49**	**-0.02%**			**$ 34,821.28**	**-$ 41.29**	**-0.12%**
HST		13%		$ 4,502.59	13%		$ 4,532.98	$ 2.69	0.06%	13%		$ 4,532.13	-$ 0.84	-0.02%	13%		$ 4,526.77	-$ 5.37	-0.12%
Total Bill (including HST)				$ 39,137.87			$ 39,402.04	$ 23.42	0.06%			$ 39,394.70	-$ 7.33	-0.02%			$ 39,348.04	-$ 46.66	-0.12%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 39,137.87**			**$ 39,402.04**	**$ 23.42**	**0.06%**			**$ 39,394.70**	**-$ 7.33**	**-0.02%**			**$ 39,348.04**	**-$ 46.66**	**-0.12%**
Total Bill on RPP (before Taxes)				**$ 36,631.51**			**$ 36,865.29**	**$ 20.73**	**0.06%**			**$ 36,858.80**	**-$ 6.49**	**-0.02%**			**$ 36,817.51**	**-$ 41.29**	**-0.11%**
HST		13%		$ 4,762.10	13%		$ 4,792.49	$ 2.69	0.06%	13%		$ 4,791.64	-$ 0.84	-0.02%	13%		$ 4,786.28	-$ 5.37	-0.11%
Total Bill (including HST)				$ 41,393.61			$ 41,657.78	$ 23.42	0.06%			$ 41,650.44	-$ 7.33	-0.02%			$ 41,603.78	-$ 46.66	-0.11%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 41,393.61**			**$ 41,657.78**	**$ 23.42**	**0.06%**			**$ 41,650.44**	**-$ 7.33**	**-0.02%**			**$ 41,603.78**	**-$ 46.66**	**-0.11%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 255,500 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)
1,000 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 260.8200	1	$ 260.82	$ 290.0000	1	$ 290.00	$ 29.18	11.19%	$ 350.0000	1	$ 350.00	$ 60.00	20.69%	$ 420.0000	1	$ 420.00	$ 70.00	20.00%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.5691	1,000	$ 3,569.10	$ 3.9496	1,000	$ 3,949.60	$ 380.50	10.66%	$ 3.9251	1,000	$ 3,925.10	-$ 24.50	-0.62%	$ 3.8265	1,000	$ 3,826.50	-$ 98.60	-2.51%
Smart Meter Disposition Rider			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	1,000	$ -	-$ 0.0771	1,000	-$ 77.11	-$ 77.11		$ -	1,000	$ -	$ 77.11	-100.00%	$ -	1,000	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 3,829.92			$ 4,162.49	**$ 332.57**	**8.68%**			$ 4,275.10	**$ 112.61**	**2.71%**			$ 4,246.50	**-$ 28.60**	**-0.67%**
Deferral/Variance Account Disposition Rate Rider	per kW	$ -	1,000	$ -	-$ 0.2514	1,000	-$ 251.41	-$ 251.41		$ -	1,000	$ -	$ 251.41	-100.00%	$ -	1,000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ -	1,000	$ -	$ 0.5416	1000	$ 541.59	$ 541.59		$ -	1000	$ -	-$ 541.59	-100.00%	$ -	1000	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -			255500	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02354	1,000	$ 23.54	$ 0.02526	1,000	$ 25.26	$ 1.72	7.31%	$ 0.02549	1,000	$ 25.49	$ 0.23	0.91%	$ 0.02555	1,000	$ 25.55	$ 0.06	0.24%
Line Losses on Cost of Power		$ 0.1021	9,147	$ 934.26	$ 0.1021	8,636	$ 882.07	-$ 52.19	-5.59%	$ 0.1021	8,636	$ 882.07	$ -	0.00%	$ 0.1021	8,636	$ 882.07	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 4,787.72**			**$ 5,360.00**	**$ 572.28**	**11.95%**			**$ 5,182.66**	**-$ 177.34**	**-3.31%**			**$ 5,154.12**	**-$ 28.54**	**-0.55%**
RTSR - Network	per kW	$ 2.9072	1000	$ 2,907.20	$ 2.9072	1000	$ 2,907.20	$ -	0.00%	$ 2.9072	1000	$ 2,907.20	$ -	0.00%	$ 2.9072	1000	$ 2,907.20	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.6232	1000	$ 1,623.20	$ 1.6232	1000	$ 1,623.20	$ -	0.00%	$ 1.6232	1000	$ 1,623.20	$ -	0.00%	$ 1.6232	1000	$ 1,623.20	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 9,318.12**			**$ 9,890.40**	**$ 572.28**	**6.14%**			**$ 9,713.06**	**-$ 177.34**	**-1.79%**			**$ 9,684.52**	**-$ 28.54**	**-0.29%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	264647	$ 1,164.45	$ 0.0044	264136	$ 1,162.20	-$ 2.25	-0.19%	$ 0.0044	264136	$ 1,162.20	$ -	0.00%	$ 0.0044	264136	$ 1,162.20	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	264647	$ 344.04	$ 0.0013	264136	$ 343.38	-$ 0.66	-0.19%	$ 0.0013	264136	$ 343.38	$ -	0.00%	$ 0.0013	264136	$ 343.38	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	255500	$ 1,773.17	$ 0.0069	255500	$ 1,773.17	$ -	0.00%	$ 0.0069	255500	$ 1,773.17	$ -	0.00%	$ 0.0069	255500	$ 1,773.17	$ -	0.00%
TOU - Off Peak		$ 0.0800	163520	$ 13,081.60	$ 0.0800	163520	$ 13,081.60	$ -	0.00%	$ 0.0800	163520	$ 13,081.60	$ -	0.00%	$ 0.0800	163520	$ 13,081.60	$ -	0.00%
TOU - Mid Peak		$ 0.1220	45990	$ 5,610.78	$ 0.1220	45990	$ 5,610.78	$ -	0.00%	$ 0.1220	45990	$ 5,610.78	$ -	0.00%	$ 0.1220	45990	$ 5,610.78	$ -	0.00%
TOU - On Peak		$ 0.1610	45990	$ 7,404.39	$ 0.1610	45990	$ 7,404.39	$ -	0.00%	$ 0.1610	45990	$ 7,404.39	$ -	0.00%	$ 0.1610	45990	$ 7,404.39	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	254750	$ 28,022.50	$ 0.1100	254750	$ 28,022.50	$ -	0.00%	$ 0.1100	254750	$ 28,022.50	$ -	0.00%	$ 0.1100	254750	$ 28,022.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 38,696.80**			**$ 39,266.17**	**$ 569.37**	**1.47%**			**$ 39,088.83**	**-$ 177.34**	**-0.45%**			**$ 39,060.29**	**-$ 28.54**	**-0.07%**
HST		13%		$ 5,030.58	13%		$ 5,104.60	$ 74.02	1.47%	13%		$ 5,081.55	-$ 23.05	-0.45%	13%		$ 5,077.84	-$ 3.71	-0.07%
Total Bill (including HST)				$ 43,727.39			$ 44,370.77	$ 643.38	1.47%			$ 44,170.37	-$ 200.40	-0.45%			$ 44,138.12	-$ 32.25	-0.07%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 43,727.39**			**$ 44,370.77**	**$ 643.38**	**1.47%**			**$ 44,170.37**	**-$ 200.40**	**-0.45%**			**$ 44,138.12**	**-$ 32.25**	**-0.07%**
Total Bill on RPP (before Taxes)				**$ 40,693.03**			**$ 41,262.40**	**$ 569.37**	**1.40%**			**$ 41,085.06**	**-$ 177.34**	**-0.43%**			**$ 41,056.52**	**-$ 28.54**	**-0.07%**
HST		13%		$ 5,290.09	13%		$ 5,364.11	$ 74.02	1.40%	13%		$ 5,341.06	-$ 23.05	-0.43%	13%		$ 5,337.35	-$ 3.71	-0.07%
Total Bill (including HST)				$ 45,983.13			$ 46,626.51	$ 643.38	1.40%			$ 46,426.11	-$ 200.40	-0.43%			$ 46,393.86	-$ 32.25	-0.07%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 45,983.13**			**$ 46,626.51**	**$ 643.38**	**1.40%**			**$ 46,426.11**	**-$ 200.40**	**-0.43%**			**$ 46,393.86**	**-$ 32.25**	**-0.07%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 255,500 kWh ● May 1 - October 31
1,000 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 260.8200	1	$ 260.82	$ 490.0000	1	$ 490.00	$ 70.00	16.67%	$ 550.0000	1	$ 550.00	$ 60.00	12.24%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.5691	1,000	$ 3,569.10	$ 3.6735	1,000	$ 3,673.50	-$ 153.00	-4.00%	$ 3.4709	1,000	$ 3,470.90	-$ 202.60	-5.52%
Smart Meter Disposition Rider			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	1,000	$ -	$ -	1,000	$ -	$ -		$ -	1,000	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 3,829.92			$ 4,163.50	**-$ 83.00**	**-1.95%**			$ 4,020.90	**-$ 142.60**	**-3.43%**
Deferral/Variance Account Disposition Rate Rider	per kW	$ -	1,000	$ -	$ -	1,000	$ -	$ -		$ -	1,000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ -	1,000	$ -	$ -	1,000	$ -	$ -		$ -	1000	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -			255500	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02354	1,000	$ 23.54	$ 0.02557	1,000	$ 25.57	$ 0.02	0.08%	$ 0.02558	1,000	$ 25.58	$ 0.01	0.04%
Line Losses on Cost of Power		$ 0.1021	9,147	$ 934.26	$ 0.1021	8,636	$ 882.07	$ -	0.00%	$ 0.1021	8,636	$ 882.07	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 4,787.72**			**$ 5,071.14**	**-$ 82.98**	**-1.61%**			**$ 4,928.55**	**-$ 142.59**	**-2.81%**
RTSR - Network	per kW	$ 2.9072	1000	$ 2,907.20	$ 2.9072	1000	$ 2,907.20	$ -	0.00%	$ 2.9072	1000	$ 2,907.20	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.6232	1000	$ 1,623.20	$ 1.6232	1000	$ 1,623.20	$ -	0.00%	$ 1.6232	1000	$ 1,623.20	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 9,318.12**			**$ 9,601.54**	**-$ 82.98**	**-0.86%**			**$ 9,458.95**	**-$ 142.59**	**-1.49%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	264647	$ 1,164.45	$ 0.0044	264136	$ 1,162.20	$ -	0.00%	$ 0.0044	264136	$ 1,162.20	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	264647	$ 344.04	$ 0.0013	264136	$ 343.38	$ -	0.00%	$ 0.0013	264136	$ 343.38	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	255500	$ 1,773.17	$ 0.0069	255500	$ 1,773.17	$ -	0.00%	$ 0.0069	255500	$ 1,773.17	$ -	0.00%
TOU - Off Peak		$ 0.0800	163520	$ 13,081.60	$ 0.0800	163520	$ 13,081.60	$ -	0.00%	$ 0.0800	163520	$ 13,081.60	$ -	0.00%
TOU - Mid Peak		$ 0.1220	45990	$ 5,610.78	$ 0.1220	45990	$ 5,610.78	$ -	0.00%	$ 0.1220	45990	$ 5,610.78	$ -	0.00%
TOU - On Peak		$ 0.1610	45990	$ 7,404.39	$ 0.1610	45990	$ 7,404.39	$ -	0.00%	$ 0.1610	45990	$ 7,404.39	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	254750	$ 28,022.50	$ 0.1100	254750	$ 28,022.50	$ -	0.00%	$ 0.1100	254750	$ 28,022.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 38,696.80**			**$ 38,977.31**	**-$ 82.98**	**-0.21%**			**$ 38,834.72**	**-$ 142.59**	**-0.37%**
HST		13%		$ 5,030.58	13%		$ 5,067.05	-$ 10.79	-0.21%	13%		$ 5,048.51	-$ 18.54	-0.37%
Total Bill (including HST)				$ 43,727.39			$ 44,044.36	-$ 93.77	-0.21%			$ 43,883.23	-$ 161.13	-0.37%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 43,727.39**			**$ 44,044.36**	**-$ 93.77**	**-0.21%**			**$ 43,883.23**	**-$ 161.13**	**-0.37%**
Total Bill on RPP (before Taxes)				**$ 40,693.03**			**$ 40,973.54**	**-$ 82.98**	**-0.20%**			**$ 40,830.95**	**-$ 142.59**	**-0.35%**
HST		13%		$ 5,290.09	13%		$ 5,326.56	-$ 10.79	-0.20%	13%		$ 5,308.02	-$ 18.54	-0.35%
Total Bill (including HST)				$ 45,983.13			$ 46,300.10	-$ 93.77	-0.20%			$ 46,138.97	-$ 161.13	-0.35%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 45,983.13**			**$ 46,300.10**	**-$ 93.77**	**-0.20%**			**$ 46,138.97**	**-$ 161.13**	**-0.35%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: General Service 1,500 to 4,999 KW

TOU / non-TOU: TOU

Consumption 1,277,500 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)
2,500 KW

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2016 Proposed Rate ($)	2016 Proposed Volume	2016 Proposed Charge ($)	Impact 2016 vs 2015 $ Change	Impact 2016 vs 2015 % Change	2017 Proposed Rate ($)	2017 Proposed Volume	2017 Proposed Charge ($)	Impact 2017 vs 2016 $ Change	Impact 2017 vs 2016 % Change	2018 Proposed Rate ($)	2018 Proposed Volume	2018 Proposed Charge ($)	Impact 2018 vs 2017 $ Change	Impact 2018 vs 2017 % Change
Monthly Service Charge	Monthly	$ 4,193.93	1	$ 4,193.93	4,700.00	1	$ 4,700.00	$ 506.07	12.07%	5,000.00	1	$ 5,000.00	$ 300.00	6.38%	5,600.00	1	$ 5,600.00	$ 600.00	12.00%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.4887	2,500	$ 8,721.75	$ 3.8376	2,500	$ 9,594.00	$ 872.25	10.00%	$ 4.0419	2,500	$ 10,104.75	$ 510.75	5.32%	$ 4.0925	2,500	$ 10,231.25	$ 126.50	1.25%
Smart Meter Disposition Rider			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	2,500	$ -	-$ 0.0771	2,500	-$ 192.78	-$ 192.78			2,500	$ -	$ 192.78	-100.00%		2,500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 12,915.68			$ 14,101.23	**$ 1,185.55**	**9.18%**			$ 15,104.75	**$ 1,003.53**	**7.12%**			$ 15,831.25	**$ 726.50**	**4.81%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	2,500	$ -	-$ 0.2795	2,500	-$ 698.69	-$ 698.69			2,500	$ -	$ 698.69	-100.00%		2,500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW		2,500	$ -	$ 0.5999	2,500	$ 1,499.85	$ 1,499.85			2,500	$ -	-$ 1,499.85	-100.00%		2,500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		1277500	$ -	$ 0.0028	1277500	$ 3,589.78	$ 3,589.78			1277500	$ -	-$ 3,589.78	-100.00%		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02516	2,500	$ 62.90	$ 0.02700	2,500	$ 67.50	$ 4.60	7.31%	$ 0.02724	2,500	$ 68.10	$ 0.60	0.89%	$ 0.02730	2,500	$ 68.25	$ 0.15	0.22%
Line Losses on Cost of Power		$ 0.1021	45,735	$ 4,671.32	$ 0.1021	43,180	$ 4,410.35	-$ 260.97	-5.59%	$ 0.1021	43,180	$ 4,410.35	$ -	0.00%	$ 0.1021	43,180	$ 4,410.35	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 17,649.90**			**$ 22,970.01**	**$ 5,320.11**	**30.14%**			**$ 19,583.20**	**-$ 3,386.81**	**-14.74%**			**$ 20,309.85**	**$ 726.65**	**3.71%**
RTSR - Network	per kW	$ 3.0186	2500	$ 7,546.50	$ 3.0186	2500	$ 7,546.50	$ -	0.00%	$ 3.0186	2500	$ 7,546.50	$ -	0.00%	$ 3.0186	2500	$ 7,546.50	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.7347	2500	$ 4,336.75	$ 1.7347	2500	$ 4,336.75	$ -	0.00%	$ 1.7347	2500	$ 4,336.75	$ -	0.00%	$ 1.7347	2500	$ 4,336.75	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 29,533.15**			**$ 34,853.26**	**$ 5,320.11**	**18.01%**			**$ 31,466.45**	**-$ 3,386.81**	**-9.72%**			**$ 32,193.10**	**$ 726.65**	**2.31%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	1323235	$ 5,822.23	$ 0.0044	1277500	$ 5,621.00	-$ 201.23	-3.46%	$ 0.0044	1277500	$ 5,621.00	$ -	0.00%	$ 0.0044	1277500	$ 5,621.00	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1323235	$ 1,720.20	$ 0.0013	1277500	$ 1,660.75	-$ 59.45	-3.46%	$ 0.0013	1277500	$ 1,660.75	$ -	0.00%	$ 0.0013	1277500	$ 1,660.75	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	1277500	$ 8,865.85	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%
TOU - Off Peak		$ 0.0800	817600	$ 65,408.00	$ 0.0800	817600	$ 65,408.00	$ -	0.00%	$ 0.0800	817600	$ 65,408.00	$ -	0.00%	$ 0.0800	817600	$ 65,408.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	229950	$ 28,053.90	$ 0.1220	229950	$ 28,053.90	$ -	0.00%	$ 0.1220	229950	$ 28,053.90	$ -	0.00%	$ 0.1220	229950	$ 28,053.90	$ -	0.00%
TOU - On Peak		$ 0.1610	229950	$ 37,021.95	$ 0.1610	229950	$ 37,021.95	$ -	0.00%	$ 0.1610	229950	$ 37,021.95	$ -	0.00%	$ 0.1610	229950	$ 37,021.95	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	1276750	$ 140,442.50	$ 0.1100	1276750	$ 140,442.50	$ -	0.00%	$ 0.1100	1276750	$ 140,442.50	$ -	0.00%	$ 0.1100	1276750	$ 140,442.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 176,425.54**			**$ 181,484.96**	**$ 5,059.42**	**2.87%**			**$ 178,098.15**	**-$ 3,386.81**	**-1.87%**			**$ 178,824.80**	**$ 726.65**	**0.41%**
HST		13%		$ 22,935.32	13%		$ 23,593.05	$ 657.73	2.87%	13%		$ 23,152.76	-$ 440.28	-1.87%	13%		$ 23,247.22	$ 94.46	0.41%
Total Bill (including HST)				$ 199,360.86			$ 205,078.01	$ 5,717.15	2.87%			$ 201,250.91	-$ 3,827.09	-1.87%			$ 202,072.03	$ 821.11	0.41%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 199,360.86**			**$ 205,078.01**	**$ 5,717.15**	**2.87%**			**$ 201,250.91**	**-$ 3,827.09**	**-1.87%**			**$ 202,072.03**	**$ 821.11**	**0.41%**
Total Bill on RPP (before Taxes)				**$ 186,454.69**			**$ 191,514.11**	**$ 5,059.42**	**2.71%**			**$ 188,127.30**	**-$ 3,386.81**	**-1.77%**			**$ 188,853.95**	**$ 726.65**	**0.39%**
HST		13%		$ 24,239.11	13%		$ 24,896.83	$ 657.73	2.71%	13%		$ 24,456.55	-$ 440.28	-1.77%	13%		$ 24,551.01	$ 94.46	0.39%
Total Bill (including HST)				$ 210,693.80			$ 216,410.95	$ 5,717.15	2.71%			$ 212,583.85	-$ 3,827.09	-1.77%			$ 213,404.97	$ 821.11	0.39%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 210,693.80**			**$ 216,410.95**	**$ 5,717.15**	**2.71%**			**$ 212,583.85**	**-$ 3,827.09**	**-1.77%**			**$ 213,404.97**	**$ 821.11**	**0.39%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

1 1

Appendix 2-W
Bill Impacts

Customer Class: General Service 1,500 to 4,999 KW

TOU / non-TOU: TOU

Consumption 1,277,500 kWh ● May 1 - October 31
2,500 KW

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2019 Proposed Rate ($)	2019 Proposed Volume	2019 Proposed Charge ($)	Impact 2019 vs 2018 $ Change	Impact 2019 vs 2018 % Change	2020 Proposed Rate ($)	2020 Proposed Volume	2020 Proposed Charge ($)	Impact 2020 vs 2019 $ Change	Impact 2020 vs 2019 % Change
Monthly Service Charge	Monthly	$ 4,193.93	1	$ 4,193.93	6,600.00	1	$ 6,600.00	$ 1,000.00	17.86%	7,600.00	1	$ 7,600.00	$ 1,000.00	15.15%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.4887	2,500	$ 8,721.75	$ 3.9077	2,500	$ 9,769.25	$ 462.00	-4.52%	$ 3.6208	2,500	$ 9,052.00	$ 717.25	-7.34%
Smart Meter Disposition Rider			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	2,500	$ -		2,500	$ -	$ -			2,500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 12,915.68			$ 16,369.25	**$ 538.00**	**3.40%**			$ 16,652.00	**$ 282.75**	**1.73%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	2,500	$ -		2,500	$ -	$ -			2,500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW		2,500	$ -		2,500	$ -	$ -			2,500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02516	2,500	$ 62.90	$ 0.02732	2,500	$ 68.30	$ 0.05	0.07%	$ 0.02734	2,500	$ 68.35	$ 0.05	0.07%
Line Losses on Cost of Power		$ 0.1021	45,735	$ 4,671.32	$ 0.1021	43,180	$ 4,410.35	$ -	0.00%	$ 0.1021	43,180	$ 4,410.35	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 17,649.90**			**$ 20,847.90**	**$ 538.05**	**2.65%**			**$ 21,130.70**	**$ 282.80**	**1.36%**
RTSR - Network	per kW	$ 3.0186	2500	$ 7,546.50	$ 3.0186	2500	$ 7,546.50	$ -	0.00%	$ 3.0186	2500	$ 7,546.50	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.7347	2500	$ 4,336.75	$ 1.7347	2500	$ 4,336.75	$ -	0.00%	$ 1.7347	2500	$ 4,336.75	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 29,533.15**			**$ 32,731.15**	**$ 538.05**	**1.67%**			**$ 33,013.95**	**$ 282.80**	**0.86%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	1323235	$ 5,822.23	$ 0.0044	1277500	$ 5,621.00	$ -	0.00%	$ 0.0044	1277500	$ 5,621.00	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1323235	$ 1,720.20	$ 0.0013	1277500	$ 1,660.75	$ -	0.00%	$ 0.0013	1277500	$ 1,660.75	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	1277500	$ 8,865.85	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%
TOU - Off Peak		$ 0.0800	817600	$ 65,408.00	$ 0.0800	817600	$ 65,408.00	$ -	0.00%	$ 0.0800	817600	$ 65,408.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	229950	$ 28,053.90	$ 0.1220	229950	$ 28,053.90	$ -	0.00%	$ 0.1220	229950	$ 28,053.90	$ -	0.00%
TOU - On Peak		$ 0.1610	229950	$ 37,021.95	$ 0.1610	229950	$ 37,021.95	$ -	0.00%	$ 0.1610	229950	$ 37,021.95	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	1276750	$ 140,442.50	$ 0.1100	1276750	$ 140,442.50	$ -	0.00%	$ 0.1100	1276750	$ 140,442.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 176,425.54**			**$ 179,362.85**	**$ 538.05**	**0.30%**			**$ 179,645.65**	**$ 282.80**	**0.16%**
HST		13%		$ 22,935.32	13%		$ 23,317.17	$ 69.95	0.30%	13%		$ 23,353.94	$ 36.76	0.16%
Total Bill (including HST)				$ 199,360.86			$ 202,680.03	$ 608.00	0.30%			$ 202,999.59	$ 319.56	0.16%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 199,360.86**			**$ 202,680.03**	**$ 608.00**	**0.30%**			**$ 202,999.59**	**$ 319.56**	**0.16%**
Total Bill on RPP (before Taxes)				**$ 186,454.69**			**$ 189,392.00**	**$ 538.05**	**0.28%**			**$ 189,674.80**	**$ 282.80**	**0.15%**
HST		13%		$ 24,239.11	13%		$ 24,620.96	$ 69.95	0.28%	13%		$ 24,657.72	$ 36.76	0.15%
Total Bill (including HST)				$ 210,693.80			$ 214,012.96	$ 608.00	0.28%			$ 214,332.53	$ 319.56	0.15%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 210,693.80**			**$ 214,012.96**	**$ 608.00**	**0.28%**			**$ 214,332.53**	**$ 319.56**	**0.15%**

Loss Factor (%) 3.5800% 3.3800% 3.3800%

1 1

Appendix 2-W
Bill Impacts

Customer Class: General Service 1,500 to 4,999 KW

TOU / non-TOU: TOU

Consumption 1,277,500 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)
4,000 KW

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2016 Proposed Rate ($)	2016 Proposed Volume	2016 Proposed Charge ($)	Impact 2016 vs 2015 $ Change	Impact 2016 vs 2015 % Change	2017 Proposed Rate ($)	2017 Proposed Volume	2017 Proposed Charge ($)	Impact 2017 vs 2016 $ Change	Impact 2017 vs 2016 % Change	2018 Proposed Rate ($)	2018 Proposed Volume	2018 Proposed Charge ($)	Impact 2018 vs 2017 $ Change	Impact 2018 vs 2017 % Change
Monthly Service Charge	Monthly	$ 4,193.93	1	$ 4,193.93	$ 4,700.00	1	$ 4,700.00	$ 506.07	12.07%	$ 5,000.00	1	$ 5,000.00	$ 300.00	6.38%	$ 5,600.00	1	$ 5,600.00	$ 600.00	12.00%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.4887	4,000	$ 13,954.80	$ 3.8376	4,000	$ 15,350.40	$ 1,395.60	10.00%	$ 4.0419	4,000	$ 16,167.60	$ 817.20	5.32%	$ 4.0925	4,000	$ 16,370.00	$ 202.40	1.25%
Smart Meter Disposition Rider			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	4,000	$ -	-$ 0.0771	4,000	$ 308.44	-$ 308.44		$ -	4,000	$ -	$ 308.44	-100.00%	$ -	4,000	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 18,148.73			$ 19,741.96	**$ 1,593.23**	**8.78%**			$ 21,167.60	**$ 1,425.64**	**7.22%**			$ 21,970.00	**$ 802.40**	**3.79%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	4,000	$ -	-$ 0.2795	4,000	-$ 1,117.91	-$ 1,117.91		$ -	4,000	$ -	$ 1,117.91	-100.00%	$ -	4,000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	$ -	4,000	$ -	$ 0.5999	4,000	$ 2,399.76	$ 2,399.76		$ -	4,000	$ -	-$ 2,399.76	-100.00%	$ -	4,000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		1277500	$ -	$ 0.0028	1277500	$ 3,589.78	$ 3,589.78			1277500	$ -	-$ 3,589.78	-100.00%		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -			1277500	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02516	4,000	$ 100.64	$ 0.02700	4,000	$ 108.00	$ 7.36	7.31%	$ 0.02724	4,000	$ 108.96	$ 0.96	0.89%	$ 0.02730	4,000	$ 109.20	$ 0.24	0.22%
Line Losses on Cost of Power		$ 0.1021	45,735	$ 4,671.32	$ 0.1021	43,180	$ 4,410.35	-$ 260.97	-5.59%	$ 0.1021	43,180	$ 4,410.35	$ -	0.00%	$ 0.1021	43,180	$ 4,410.35	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 22,920.69**			**$ 29,131.94**	**$ 6,211.25**	**27.10%**			**$ 25,686.91**	**-$ 3,445.03**	**-11.83%**			**$ 26,489.55**	**$ 802.64**	**3.12%**
RTSR - Network	per kW	$ 3.0186	4000	$ 12,074.40	$ 3.0186	4000	$ 12,074.40	$ -	0.00%	$ 3.0186	4000	$ 12,074.40	$ -	0.00%	$ 3.0186	4000	$ 12,074.40	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.7347	4000	$ 6,938.80	$ 1.7347	4000	$ 6,938.80	$ -	0.00%	$ 1.7347	4000	$ 6,938.80	$ -	0.00%	$ 1.7347	4000	$ 6,938.80	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 41,933.89**			**$ 48,145.14**	**$ 6,211.25**	**14.81%**			**$ 44,700.11**	**-$ 3,445.03**	**-7.16%**			**$ 45,502.75**	**$ 802.64**	**1.80%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	1323235	$ 5,822.23	$ 0.0044	1277500	$ 5,621.00	-$ 201.23	-3.46%	$ 0.0044	1277500	$ 5,621.00	$ -	0.00%	$ 0.0044	1277500	$ 5,621.00	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1323235	$ 1,720.20	$ 0.0013	1277500	$ 1,660.75	-$ 59.45	-3.46%	$ 0.0013	1277500	$ 1,660.75	$ -	0.00%	$ 0.0013	1277500	$ 1,660.75	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	1277500	$ 8,865.85	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%
TOU - Off Peak		$ 0.0800	817600	$ 65,408.00	$ 0.0800	817600	$ 65,408.00	$ -	0.00%	$ 0.0800	817600	$ 65,408.00	$ -	0.00%	$ 0.0800	817600	$ 65,408.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	229950	$ 28,053.90	$ 0.1220	229950	$ 28,053.90	$ -	0.00%	$ 0.1220	229950	$ 28,053.90	$ -	0.00%	$ 0.1220	229950	$ 28,053.90	$ -	0.00%
TOU - On Peak		$ 0.1610	229950	$ 37,021.95	$ 0.1610	229950	$ 37,021.95	$ -	0.00%	$ 0.1610	229950	$ 37,021.95	$ -	0.00%	$ 0.1610	229950	$ 37,021.95	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	1276750	$ 140,442.50	$ 0.1100	1276750	$ 140,442.50	$ -	0.00%	$ 0.1100	1276750	$ 140,442.50	$ -	0.00%	$ 0.1100	1276750	$ 140,442.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 188,826.28**			**$ 194,776.84**	**$ 5,950.56**	**3.15%**			**$ 191,331.81**	**-$ 3,445.03**	**-1.77%**			**$ 192,134.45**	**$ 802.64**	**0.42%**
HST		13%		$ 24,547.42	13%		$ 25,320.99	$ 773.57	3.15%	13%		$ 24,873.14	-$ 447.85	-1.77%	13%		$ 24,977.48	$ 104.34	0.42%
Total Bill (including HST)				$ 213,373.69			$ 220,097.83	$ 6,724.14	3.15%			$ 216,204.95	-$ 3,892.88	-1.77%			$ 217,111.93	$ 906.98	0.42%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 213,373.69**			**$ 220,097.83**	**$ 6,724.14**	**3.15%**			**$ 216,204.95**	**-$ 3,892.88**	**-1.77%**			**$ 217,111.93**	**$ 906.98**	**0.42%**
Total Bill on RPP (before Taxes)				**$ 198,855.43**			**$ 204,805.99**	**$ 5,950.56**	**2.99%**			**$ 201,360.96**	**-$ 3,445.03**	**-1.68%**			**$ 202,163.60**	**$ 802.64**	**0.40%**
HST		13%		$ 25,851.21	13%		$ 26,624.78	$ 773.57	2.99%	13%		$ 26,176.93	-$ 447.85	-1.68%	13%		$ 26,281.27	$ 104.34	0.40%
Total Bill (including HST)				$ 224,706.63			$ 231,430.77	$ 6,724.14	2.99%			$ 227,537.89	-$ 3,892.88	-1.68%			$ 228,444.87	$ 906.98	0.40%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 224,706.63**			**$ 231,430.77**	**$ 6,724.14**	**2.99%**			**$ 227,537.89**	**-$ 3,892.88**	**-1.68%**			**$ 228,444.87**	**$ 906.98**	**0.40%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: **General Service 1,500 to 4,999 KW**

TOU / non-TOU: TOU

Consumption 1,277,500 **kWh** ● May 1 - October 31
4,000 KW

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2019 Proposed Rate ($)	2019 Proposed Volume	2019 Proposed Charge ($)	Impact 2019 vs 2018 $ Change	Impact 2019 vs 2018 % Change	2020 Proposed Rate ($)	2020 Proposed Volume	2020 Proposed Charge ($)	Impact 2020 vs 2019 $ Change	Impact 2020 vs 2019 % Change
Monthly Service Charge	Monthly	$ 4,193.93	1	$ 4,193.93	$ 6,600.00	1	$ 6,600.00	$ 1,000.00	17.86%	$ 7,600.00	1	$ 7,600.00	$ 1,000.00	15.15%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.4887	4,000	$ 13,954.80	$ 3.9077	4,000	$ 15,630.80	-$ 739.20	-4.52%	$ 3.6208	4,000	$ 14,483.20	-$ 1,147.60	-7.34%
Smart Meter Disposition Rider			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	4,000	$ -	$ -	4,000	$ -	$ -		$ -	4,000	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 18,148.73			$ 22,230.80	**$ 260.80**	**1.19%**			$ 22,083.20	**-$ 147.60**	**-0.66%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	4,000	$ -	$ -	4,000	$ -	$ -		$ -	4,000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	$ -	4,000	$ -	$ -	4,000	$ -	$ -		$ -	4,000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -			1277500	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02516	4,000	$ 100.64	$ 0.02732	4,000	$ 109.28	$ 0.08	0.07%	$ 0.02734	4,000	$ 109.36	$ 0.08	0.07%
Line Losses on Cost of Power		$ 0.1021	45,735	$ 4,671.32	$ 0.1021	43,180	$ 4,410.35	$ -	0.00%	$ 0.1021	43,180	$ 4,410.35	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 22,920.69**			**$ 26,750.43**	**$ 260.88**	**0.98%**			**$ 26,602.91**	**-$ 147.52**	**-0.55%**
RTSR - Network	per kW	$ 3.0186	4000	$ 12,074.40	$ 3.0186	4000	$ 12,074.40	$ -	0.00%	$ 3.0186	4000	$ 12,074.40	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.7347	4000	$ 6,938.80	$ 1.7347	4000	$ 6,938.80	$ -	0.00%	$ 1.7347	4000	$ 6,938.80	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 41,933.89**			**$ 45,763.63**	**$ 260.88**	**0.57%**			**$ 45,616.11**	**-$ 147.52**	**-0.32%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	1323235	$ 5,822.23	$ 0.0044	1277500	$ 5,621.00	$ -	0.00%	$ 0.0044	1277500	$ 5,621.00	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1323235	$ 1,720.20	$ 0.0013	1277500	$ 1,660.75	$ -	0.00%	$ 0.0013	1277500	$ 1,660.75	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	1277500	$ 8,865.85	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%
TOU - Off Peak		$ 0.0800	817600	$ 65,408.00	$ 0.0800	817600	$ 65,408.00	$ -	0.00%	$ 0.0800	817600	$ 65,408.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	229950	$ 28,053.90	$ 0.1220	229950	$ 28,053.90	$ -	0.00%	$ 0.1220	229950	$ 28,053.90	$ -	0.00%
TOU - On Peak		$ 0.1610	229950	$ 37,021.95	$ 0.1610	229950	$ 37,021.95	$ -	0.00%	$ 0.1610	229950	$ 37,021.95	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	1276750	$ 140,442.50	$ 0.1100	1276750	$ 140,442.50	$ -	0.00%	$ 0.1100	1276750	$ 140,442.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 188,826.28**			**$ 192,395.33**	**$ 260.88**	**0.14%**			**$ 192,247.81**	**-$ 147.52**	**-0.08%**
HST		13%		$ 24,547.42	13%		$ 25,011.39	$ 33.91	0.14%	13%		$ 24,992.22	-$ 19.18	-0.08%
Total Bill (including HST)				$ 213,373.69			$ 217,406.73	$ 294.79	0.14%			$ 217,240.03	-$ 166.70	-0.08%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 213,373.69**			**$ 217,406.73**	**$ 294.79**	**0.14%**			**$ 217,240.03**	**-$ 166.70**	**-0.08%**
Total Bill on RPP (before Taxes)				**$ 198,855.43**			**$ 202,424.48**	**$ 260.88**	**0.13%**			**$ 202,276.96**	**-$ 147.52**	**-0.07%**
HST		13%		$ 25,851.21	13%		$ 26,315.18	$ 33.91	0.13%	13%		$ 26,296.01	-$ 19.18	-0.07%
Total Bill (including HST)				$ 224,706.63			$ 228,739.67	$ 294.79	0.13%			$ 228,572.97	-$ 166.70	-0.07%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 224,706.63**			**$ 228,739.67**	**$ 294.79**	**0.13%**			**$ 228,572.97**	**-$ 166.70**	**-0.07%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: **Large User**

TOU / non-TOU: TOU

Consumption 4,000,000 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)
7,500 KW

		Current Board-Approved			2016 Proposed			Impact 2016 vs 2015		2017 Proposed			Impact 2017 vs 2016		2018 Proposed			Impact 2018 vs 2017	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 15,231.32	1	$ 15,231.32	16,900.00	1	$ 16,900.00	$ 1,668.68	10.96%	17,900.00	1	$ 17,900.00	$ 1,000.00	5.92%	21,000.00	1	$ 21,000.00	$ 3,100.00	17.32%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.3129	7,500	$ 24,846.75	$ 3.6595	7,500	$ 27,446.25	$ 2,599.50	10.46%	$ 3.8651	7,500	$ 28,988.25	$ 1,542.00	5.62%	$ 3.8126	7,500	$ 28,594.50	-$ 393.75	-1.36%
Smart Meter Disposition Rider			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	7,500	$ -	- 0.07711	7,500	$ 578.33	-$ 578.33			7,500	$ -	$ 578.33	-100.00%		7,500	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 40,078.07			$ 43,767.93	**$ 3,689.86**	**9.21%**			$ 46,888.25	**$ 3,120.33**	**7.13%**			$ 49,594.50	**$ 2,706.25**	**5.77%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	7,500	$ -	-$ 0.3307	7,500	-$ 2,480.61	-$ 2,480.61			7,500	$ -	$ 2,480.61	-100.00%		7,500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW		7,500	$ -	$ 0.7098	7,500	$ 5,323.73	$ 5,323.73			7,500	$ -	-$ 5,323.73	-100.00%		7,500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		4000000	$ -	$ 0.0028	4000000	$ 11,240.00	$ 11,240.00			4000000	$ -	-$ 11,240.00	-100.00%		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02833	7,500	$ 212.48	$ 0.03040	7,500	$ 228.00	$ 15.53	7.31%	$ 0.03067	7,500	$ 230.03	$ 2.03	0.89%	$ 0.03074	7,500	$ 230.55	$ 0.53	0.23%
Line Losses on Cost of Power		$ 0.1021	27,600	$ 2,819.06	$ 0.1021	24,800	$ 2,533.07	-$ 285.99	-10.14%	$ 0.1021	24,800	$ 2,533.07	$ -	0.00%	$ 0.1021	24,800	$ 2,533.07	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 43,109.61**			**$ 60,612.11**	**$ 17,502.50**	**40.60%**			**$ 49,651.35**	**-$ 10,960.77**	**-18.08%**			**$ 52,358.12**	**$ 2,706.78**	**5.45%**
RTSR - Network	per kW	$ 3.3462	7500	$ 25,096.50	$ 3.3462	7500	$ 25,096.50	$ -	0.00%	$ 3.3462	7500	$ 25,096.50	$ -	0.00%	$ 3.3462	7500	$ 25,096.50	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.9535	7500	$ 14,651.25	$ 1.9535	7500	$ 14,651.25	$ -	0.00%	$ 1.9535	7500	$ 14,651.25	$ -	0.00%	$ 1.9535	7500	$ 14,651.25	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 82,857.36**			**$ 100,359.86**	**$ 17,502.50**	**21.12%**			**$ 89,399.10**	**-$ 10,960.77**	**-10.92%**			**$ 92,105.87**	**$ 2,706.77**	**3.03%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	4027600	$ 17,721.44	$ 0.0044	4024800	$ 17,709.12	-$ 12.32	-0.07%	$ 0.0044	4024800	$ 17,709.12	$ -	0.00%	$ 0.0044	4024800	$ 17,709.12	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	4027600	$ 5,235.88	$ 0.0013	4024800	$ 5,232.24	-$ 3.64	-0.07%	$ 0.0013	4024800	$ 5,232.24	$ -	0.00%	$ 0.0013	4024800	$ 5,232.24	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	4000000	$ 27,760.00	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%
TOU - Off Peak		$ 0.0800	2560000	$ 204,800.00	$ 0.0800	2560000	$ 204,800.00	$ -	0.00%	$ 0.0800	2560000	$ 204,800.00	$ -	0.00%	$ 0.0800	2560000	$ 204,800.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	720000	$ 87,840.00	$ 0.1220	720000	$ 87,840.00	$ -	0.00%	$ 0.1220	720000	$ 87,840.00	$ -	0.00%	$ 0.1220	720000	$ 87,840.00	$ -	0.00%
TOU - On Peak		$ 0.1610	720000	$ 115,920.00	$ 0.1610	720000	$ 115,920.00	$ -	0.00%	$ 0.1610	720000	$ 115,920.00	$ -	0.00%	$ 0.1610	720000	$ 115,920.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	3999250	$ 439,917.50	$ 0.1100	3999250	$ 439,917.50	$ -	0.00%	$ 0.1100	3999250	$ 439,917.50	$ -	0.00%	$ 0.1100	3999250	$ 439,917.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 542,134.93**			**$ 559,621.47**	**$ 17,486.54**	**3.23%**			**$ 548,660.71**	**-$ 10,960.77**	**-1.96%**			**$ 551,367.48**	**$ 2,706.78**	**0.49%**
HST		13%		$ 70,477.54	13%		$ 72,750.79	$ 2,273.25	3.23%	13%		$ 71,325.89	-$ 1,424.90	-1.96%	13%		$ 71,677.77	$ 351.88	0.49%
Total Bill (including HST)				$ 612,612.47			$ 632,372.26	$ 19,759.79	3.23%			$ 619,986.60	-$ 12,385.66	-1.96%			$ 623,045.25	$ 3,058.66	0.49%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 612,612.47**			**$ 632,372.26**	**$ 19,759.79**	**3.23%**			**$ 619,986.60**	**-$ 12,385.66**	**-1.96%**			**$ 623,045.25**	**$ 3,058.66**	**0.49%**
Total Bill on RPP (before Taxes)				**$ 573,562.93**			**$ 591,049.47**	**$ 17,486.54**	**3.05%**			**$ 580,088.71**	**-$ 10,960.76**	**-1.85%**			**$ 582,795.48**	**$ 2,706.77**	**0.47%**
HST		13%		$ 74,563.18	13%		$ 76,836.43	$ 2,273.25	3.05%	13%		$ 75,411.53	-$ 1,424.90	-1.85%	13%		$ 75,763.41	$ 351.88	0.47%
Total Bill (including HST)				$ 648,126.11			$ 667,885.90	$ 19,759.79	3.05%			$ 655,500.24	-$ 12,385.66	-1.85%			$ 658,558.89	$ 3,058.66	0.47%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 648,126.11**			**$ 667,885.90**	**$ 19,759.79**	**3.05%**			**$ 655,500.24**	**-$ 12,385.66**	**-1.85%**			**$ 658,558.89**	**$ 3,058.66**	**0.47%**
Loss Factor (%)		0.6900%			0.6200%					0.6200%					0.6200%				

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Appendix 2-W
Bill Impacts

Customer Class: **Large User**

TOU / non-TOU: TOU

Consumption **4,000,000** **kWh** ● May 1 - October 31
7,500 KW

		Current Board-Approved			2019 Proposed			Impact 2019 vs 2018		2020 Proposed			Impact 2020 vs 2019	
	Charge Unit	**Rate ($)**	**Volume**	**Charge ($)**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**
Monthly Service Charge	Monthly	$ 15,231.32	1	$ 15,231.32	24,500.00	1	$ 24,500.00	$ 3,500.00	16.67%	27,900.00	1	$ 27,900.00	$ 3,400.00	13.88%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.3129	7,500	$ 24,846.75	$ 3.6633	7,500	$ 27,474.75	-$ 1,119.75	-3.92%	$ 3.4206	7,500	$ 25,654.50	-$ 1,820.25	-6.63%
Smart Meter Disposition Rider			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	7,500	$ -		7,500	$ -	$ -			7,500	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 40,078.07			$ 51,974.75	**$ 2,380.25**	**4.80%**			$ 53,554.50	**$ 1,579.75**	**3.04%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	7,500	$ -		7,500	$ -	$ -			7,500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW		7,500	$ -		7,500	$ -	$ -			7,500	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02833	7,500	$ 212.48	$ 0.03077	7,500	$ 230.78	$ 0.22	0.10%	$ 0.03079	7,500	$ 230.93	$ 0.15	0.06%
Line Losses on Cost of Power		$ 0.1021	27,600	$ 2,819.06	$ 0.1021	24,800	$ 2,533.07	$ -	0.00%	$ 0.1021	24,800	$ 2,533.07	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 43,109.61**			**$ 54,738.60**	**$ 2,380.48**	**4.55%**			**$ 56,318.50**	**$ 1,579.90**	**2.89%**
RTSR - Network	per kW	$ 3.3462	7500	$ 25,096.50	$ 3.3462	7500	$ 25,096.50	$ -	0.00%	$ 3.3462	7500	$ 25,096.50	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.9535	7500	$ 14,651.25	$ 1.9535	7500	$ 14,651.25	$ -	0.00%	$ 1.9535	7500	$ 14,651.25	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 82,857.36**			**$ 94,486.35**	**$ 2,380.48**	**2.58%**			**$ 96,066.25**	**$ 1,579.90**	**1.67%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	4027600	$ 17,721.44	$ 0.0044	4024800	$ 17,709.12	$ -	0.00%	$ 0.0044	4024800	$ 17,709.12	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	4027600	$ 5,235.88	$ 0.0013	4024800	$ 5,232.24	$ -	0.00%	$ 0.0013	4024800	$ 5,232.24	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	4000000	$ 27,760.00	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%
TOU - Off Peak		$ 0.0800	2560000	$ 204,800.00	$ 0.0800	2560000	$ 204,800.00	$ -	0.00%	$ 0.0800	2560000	$ 204,800.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	720000	$ 87,840.00	$ 0.1220	720000	$ 87,840.00	$ -	0.00%	$ 0.1220	720000	$ 87,840.00	$ -	0.00%
TOU - On Peak		$ 0.1610	720000	$ 115,920.00	$ 0.1610	720000	$ 115,920.00	$ -	0.00%	$ 0.1610	720000	$ 115,920.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	3999250	$ 439,917.50	$ 0.1100	3999250	$ 439,917.50	$ -	0.00%	$ 0.1100	3999250	$ 439,917.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 542,134.93**			**$ 553,747.96**	**$ 2,380.47**	**0.43%**			**$ 555,327.86**	**$ 1,579.90**	**0.29%**
HST		13%		$ 70,477.54	13%		$ 71,987.23	$ 309.46	0.43%	13%		$ 72,192.62	$ 205.39	0.29%
Total Bill (including HST)				$ 612,612.47			$ 625,735.19	$ 2,689.94	0.43%			$ 627,520.48	$ 1,785.29	0.29%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 612,612.47**			**$ 625,735.19**	**$ 2,689.94**	**0.43%**			**$ 627,520.48**	**$ 1,785.29**	**0.29%**
Total Bill on RPP (before Taxes)				**$ 573,562.93**			**$ 585,175.96**	**$ 2,380.48**	**0.41%**			**$ 586,755.86**	**$ 1,579.90**	**0.27%**
HST		13%		$ 74,563.18	13%		$ 76,072.87	$ 309.46	0.41%	13%		$ 76,278.26	$ 205.39	0.27%
Total Bill (including HST)				$ 648,126.11			$ 661,248.83	$ 2,689.94	0.41%			$ 663,034.12	$ 1,785.29	0.27%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 648,126.11**			**$ 661,248.83**	**$ 2,689.94**	**0.41%**			**$ 663,034.12**	**$ 1,785.29**	**0.27%**
Loss Factor (%)		0.6900%			0.6200%					0.6200%				

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Appendix 2-W
Bill Impacts

Customer Class: Large User

TOU / non-TOU: TOU

Consumption 4,000,000 kWh ● May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

10,000 KW

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2016 Proposed Rate ($)	2016 Proposed Volume	2016 Proposed Charge ($)	Impact 2016 vs 2015 $ Change	Impact 2016 vs 2015 % Change	2017 Proposed Rate ($)	2017 Proposed Volume	2017 Proposed Charge ($)	Impact 2017 vs 2016 $ Change	Impact 2017 vs 2016 % Change	2018 Proposed Rate ($)	2018 Proposed Volume	2018 Proposed Charge ($)	Impact 2018 vs 2017 $ Change	Impact 2018 vs 2017 % Change
Monthly Service Charge	Monthly	$ 15,231.32	1	$ 15,231.32	$ 16,900.00	1	$ 16,900.00	$ 1,668.68	10.96%	$ 17,900.00	1	$ 17,900.00	$ 1,000.00	5.92%	$ 21,000.00	1	$ 21,000.00	$ 3,100.00	17.32%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.3129	10,000	$ 33,129.00	$ 3.6595	10,000	$ 36,595.00	$ 3,466.00	10.46%	$ 3.8651	10,000	$ 38,651.00	$ 2,056.00	5.62%	$ 3.8126	10,000	$ 38,126.00	-$ 525.00	-1.36%
Smart Meter Disposition Rider			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	10,000	$ -	-$ 0.0771	10,000	-$ 771.10	-$ 771.10		$ -	10,000	$ -	$ 771.10	-100.00%	$ -	10,000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 48,360.32			$ 52,723.90	**$ 4,363.58**	**9.02%**			$ 56,551.00	**$ 3,827.10**	**7.26%**			$ 59,126.00	**$ 2,575.00**	**4.55%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	10,000	$ -	-$ 0.3307	10,000	-$ 3,307.48	-$ 3,307.48		$ -	10,000	$ -	$ 3,307.48	-100.00%	$ -	10,000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	$ -	10,000	$ -	$ 0.7098	10,000	$ 7,098.30	$ 7,098.30		$ -	10,000	$ -	-$ 7,098.30	-100.00%	$ -	10,000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		4000000	$ -	$ 0.0028	4000000	$ 11,240.00	$ 11,240.00			4000000	$ -	-$ 11,240.00	-100.00%		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -			4000000	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02833	10,000	$ 283.30	$ 0.03040	10,000	$ 304.00	$ 20.70	7.31%	$ 0.03067	10,000	$ 306.70	$ 2.70	0.89%	$ 0.03074	10,000	$ 307.40	$ 0.70	0.23%
Line Losses on Cost of Power		$ 0.1021	27,600	$ 2,819.06	$ 0.1021	24,800	$ 2,533.07	-$ 285.99	-10.14%	$ 0.1021	24,800	$ 2,533.07	$ -	0.00%	$ 0.1021	24,800	$ 2,533.07	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 51,462.68**			**$ 70,591.79**	**$ 19,129.11**	**37.17%**			**$ 59,390.77**	**-$ 11,201.02**	**-15.87%**			**$ 61,966.47**	**$ 2,575.70**	**4.34%**
RTSR - Network	per kW	$ 3.3462	10000	$ 33,462.00	$ 3.3462	10000	$ 33,462.00	$ -	0.00%	$ 3.3462	10000	$ 33,462.00	$ -	0.00%	$ 3.3462	10000	$ 33,462.00	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.9535	10000	$ 19,535.00	$ 1.9535	10000	$ 19,535.00	$ -	0.00%	$ 1.9535	10000	$ 19,535.00	$ -	0.00%	$ 1.9535	10000	$ 19,535.00	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 104,459.68**			**$ 123,588.79**	**$ 19,129.11**	**18.31%**			**$ 112,387.77**	**-$ 11,201.02**	**-9.06%**			**$ 114,963.47**	**$ 2,575.70**	**2.29%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	4027600	$ 17,721.44	$ 0.0044	4024800	$ 17,709.12	-$ 12.32	-0.07%	$ 0.0044	4024800	$ 17,709.12	$ -	0.00%	$ 0.0044	4024800	$ 17,709.12	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	4027600	$ 5,235.88	$ 0.0013	4024800	$ 5,232.24	-$ 3.64	-0.07%	$ 0.0013	4024800	$ 5,232.24	$ -	0.00%	$ 0.0013	4024800	$ 5,232.24	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	4000000	$ 27,760.00	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%
TOU - Off Peak		$ 0.0800	2560000	$ 204,800.00	$ 0.0800	2560000	$ 204,800.00	$ -	0.00%	$ 0.0800	2560000	$ 204,800.00	$ -	0.00%	$ 0.0800	2560000	$ 204,800.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	720000	$ 87,840.00	$ 0.1220	720000	$ 87,840.00	$ -	0.00%	$ 0.1220	720000	$ 87,840.00	$ -	0.00%	$ 0.1220	720000	$ 87,840.00	$ -	0.00%
TOU - On Peak		$ 0.1610	720000	$ 115,920.00	$ 0.1610	720000	$ 115,920.00	$ -	0.00%	$ 0.1610	720000	$ 115,920.00	$ -	0.00%	$ 0.1610	720000	$ 115,920.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	3999250	$ 439,917.50	$ 0.1100	3999250	$ 439,917.50	$ -	0.00%	$ 0.1100	3999250	$ 439,917.50	$ -	0.00%	$ 0.1100	3999250	$ 439,917.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 563,737.25**			**$ 582,850.40**	**$ 19,113.15**	**3.39%**			**$ 571,649.38**	**-$ 11,201.02**	**-1.92%**			**$ 574,225.08**	**$ 2,575.70**	**0.45%**
HST		13%		$ 73,285.84	13%		$ 75,770.55	$ 2,484.71	3.39%	13%		$ 74,314.42	-$ 1,456.13	-1.92%	13%		$ 74,649.26	$ 334.84	0.45%
Total Bill (including HST)				$ 637,023.10			$ 658,620.95	$ 21,597.86	3.39%			$ 645,963.80	-$ 12,657.15	-1.92%			$ 648,874.34	$ 2,910.54	0.45%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 637,023.10**			**$ 658,620.95**	**$ 21,597.86**	**3.39%**			**$ 645,963.80**	**-$ 12,657.15**	**-1.92%**			**$ 648,874.34**	**$ 2,910.54**	**0.45%**
Total Bill on RPP (before Taxes)				**$ 595,165.25**			**$ 614,278.40**	**$ 19,113.15**	**3.21%**			**$ 603,077.38**	**-$ 11,201.02**	**-1.82%**			**$ 605,653.08**	**$ 2,575.70**	**0.43%**
HST		13%		$ 77,371.48	13%		$ 79,856.19	$ 2,484.71	3.21%	13%		$ 78,400.06	-$ 1,456.13	-1.82%	13%		$ 78,734.90	$ 334.84	0.43%
Total Bill (including HST)				$ 672,536.74			$ 694,134.59	$ 21,597.86	3.21%			$ 681,477.44	-$ 12,657.15	-1.82%			$ 684,387.98	$ 2,910.54	0.43%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 672,536.74**			**$ 694,134.59**	**$ 21,597.86**	**3.21%**			**$ 681,477.44**	**-$ 12,657.15**	**-1.82%**			**$ 684,387.98**	**$ 2,910.54**	**0.43%**
Loss Factor (%)		0.6900%			0.6200%					0.6200%					0.6200%				

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Appendix 2-W
Bill Impacts

Customer Class: Large User

TOU / non-TOU: TOU

Consumption 4,000,000 kWh ● May 1 - October 31
10,000 KW

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2019 Proposed Rate ($)	2019 Proposed Volume	2019 Proposed Charge ($)	Impact 2019 vs 2018 $ Change	Impact 2019 vs 2018 % Change	2020 Proposed Rate ($)	2020 Proposed Volume	2020 Proposed Charge ($)	Impact 2020 vs 2019 $ Change	Impact 2020 vs 2019 % Change
Monthly Service Charge	Monthly	$ 15,231.32	1	$ 15,231.32	$ 24,500.00	1	$ 24,500.00	$ 3,500.00	16.67%	$ 27,900.00	1	$ 27,900.00	$ 3,400.00	13.88%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.3129	10,000	$ 33,129.00	$ 3.6633	10,000	$ 36,633.00	-$ 1,493.00	-3.92%	$ 3.4206	10,000	$ 34,206.00	-$ 2,427.00	-6.63%
Smart Meter Disposition Rider			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	10,000	$ -	$ -	10,000	$ -	$ -		$ -	10,000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 48,360.32			$ 61,133.00	**$ 2,007.00**	**3.39%**			$ 62,106.00	**$ 973.00**	**1.59%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	10,000	$ -	$ -	10,000	$ -	$ -		$ -	10,000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	$ -	10,000	$ -	$ -	10,000	$ -	$ -		$ -	10,000	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh		4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -			4000000	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.02833	10,000	$ 283.30	$ 0.03077	10,000	$ 307.70	$ 0.30	0.10%	$ 0.03079	10,000	$ 307.90	$ 0.20	0.06%
Line Losses on Cost of Power		$ 0.1021	27,600	$ 2,819.06	$ 0.1021	24,800	$ 2,533.07	$ -	0.00%	$ 0.1021	24,800	$ 2,533.07	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 51,462.68**			**$ 63,973.77**	**$ 2,007.30**	**3.24%**			**$ 64,946.97**	**$ 973.20**	**1.52%**
RTSR - Network	per kW	$ 3.3462	10000	$ 33,462.00	$ 3.3462	10000	$ 33,462.00	$ -	0.00%	$ 3.3462	10000	$ 33,462.00	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.9535	10000	$ 19,535.00	$ 1.9535	10000	$ 19,535.00	$ -	0.00%	$ 1.9535	10000	$ 19,535.00	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 104,459.68**			**$ 116,970.77**	**$ 2,007.30**	**1.75%**			**$ 117,943.97**	**$ 973.20**	**0.83%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	4027600	$ 17,721.44	$ 0.0044	4024800	$ 17,709.12	$ -	0.00%	$ 0.0044	4024800	$ 17,709.12	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	4027600	$ 5,235.88	$ 0.0013	4024800	$ 5,232.24	$ -	0.00%	$ 0.0013	4024800	$ 5,232.24	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	4000000	$ 27,760.00	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%
TOU - Off Peak		$ 0.0800	2560000	$ 204,800.00	$ 0.0800	2560000	$ 204,800.00	$ -	0.00%	$ 0.0800	2560000	$ 204,800.00	$ -	0.00%
TOU - Mid Peak		$ 0.1220	720000	$ 87,840.00	$ 0.1220	720000	$ 87,840.00	$ -	0.00%	$ 0.1220	720000	$ 87,840.00	$ -	0.00%
TOU - On Peak		$ 0.1610	720000	$ 115,920.00	$ 0.1610	720000	$ 115,920.00	$ -	0.00%	$ 0.1610	720000	$ 115,920.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	750	$ 70.50	$ 0.0940	750	$ 70.50	$ -	0.00%	$ 0.0940	750	$ 70.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	3999250	$ 439,917.50	$ 0.1100	3999250	$ 439,917.50	$ -	0.00%	$ 0.1100	3999250	$ 439,917.50	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 563,737.25**			**$ 576,232.38**	**$ 2,007.30**	**0.35%**			**$ 577,205.58**	**$ 973.20**	**0.17%**
HST		13%		$ 73,285.84	13%		$ 74,910.21	$ 260.95	0.35%	13%		$ 75,036.73	$ 126.52	0.17%
Total Bill (including HST)				$ 637,023.10			$ 651,142.59	$ 2,268.25	0.35%			$ 652,242.31	$ 1,099.72	0.17%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 637,023.10**			**$ 651,142.59**	**$ 2,268.25**	**0.35%**			**$ 652,242.31**	**$ 1,099.72**	**0.17%**
Total Bill on RPP (before Taxes)				**$ 595,165.25**			**$ 607,660.38**	**$ 2,007.30**	**0.33%**			**$ 608,633.58**	**$ 973.20**	**0.16%**
HST		13%		$ 77,371.48	13%		$ 78,995.85	$ 260.95	0.33%	13%		$ 79,122.37	$ 126.52	0.16%
Total Bill (including HST)				$ 672,536.74			$ 686,656.23	$ 2,268.25	0.33%			$ 687,755.95	$ 1,099.72	0.16%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 672,536.74**			**$ 686,656.23**	**$ 2,268.25**	**0.33%**			**$ 687,755.95**	**$ 1,099.72**	**0.16%**
Loss Factor (%)		0.6900%			0.6200%					0.6200%				

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Appendix 2-W
Bill Impacts

Customer Class: **Unmetered Scattered Load**

TOU / non-TOU: TOU

Consumption 470 **kWh** (May 1 - October 31) (November 1 - April 30 (Select this radio button for applications filed after Oct 31))
KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 4.43	1	$ 4.43	4.75	1	$ 4.75	$ 0.32	7.22%	5.50	1	$ 5.50	$ 0.75	15.79%	6.75	1	$ 6.75	$ 1.25	22.73%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0219	470	$ 10.29	$ 0.0233	470	$ 10.95	$ 0.66	6.39%	$ 0.0235	470	$ 11.05	$ 0.09	0.86%	$ 0.0223	470	$ 10.48	-$ 0.56	-5.11%
Smart Meter Disposition Rider			470	$ -		470	$ -	$ -			470	$ -	$ -			470	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	470	$ -	-$ 0.0004	470	-$ 0.21	-$ 0.21			470	$ -	$ 0.21	-100.00%		470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -			470	$ -	$ -	
Sub-Total A (excluding pass through)				$ 14.72			$ 15.49	**$ 0.77**	**5.24%**			$ 16.55	**$ 1.05**	**6.78%**			$ 17.23	**$ 0.69**	**4.15%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kWh	$ -	470	$ -	-$ 0.0006	470	-$ 0.28	-$ 0.28			470	$ -	$ 0.28	-100.00%		470	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kWh		470	$ -	$ 0.0013	470	$ 0.62	$ 0.62			470	$ -	-$ 0.62	-100.00%		470	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment			470	$ -		470	$ -	$ -			470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -			470	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	487	$ 0.03	$ 0.00006	487	$ 0.03	$ -	0.00%	$ 0.00006	487	$ 0.03	$ -	0.00%	$ 0.00006	487	$ 0.03	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	17	$ 1.72	$ 0.1021	16	$ 1.62	-$ 0.10	-5.59%	$ 0.1021	16	$ 1.62	$ -	0.00%	$ 0.1021	16	$ 1.62	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 16.47**			**$ 17.49**	**$ 1.01**	**6.16%**			**$ 18.20**	**$ 0.71**	**4.07%**			**$ 18.88**	**$ 0.69**	**3.77%**
RTSR - Network	per kWh	$ 0.0070	487	$ 3.41	$ 0.0070	486	$ 3.40	-$ 0.01	-0.19%	$ 0.0070	486	$ 3.40	$ -	0.00%	$ 0.0070	486	$ 3.40	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	487	$ 1.95	$ 0.0040	486	$ 1.94	-$ 0.00	-0.19%	$ 0.0040	486	$ 1.94	$ -	0.00%	$ 0.0040	486	$ 1.94	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 21.83**			**$ 22.83**	**$ 1.00**	**4.60%**			**$ 23.54**	**$ 0.71**	**3.12%**			**$ 24.23**	**$ 0.69**	**2.91%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	487	$ 2.14	$ 0.0044	486	$ 2.14	-$ 0.00	-0.19%	$ 0.0044	486	$ 2.14	$ -	0.00%	$ 0.0044	486	$ 2.14	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	487	$ 0.63	$ 0.0013	486	$ 0.63	-$ 0.00	-0.19%	$ 0.0013	486	$ 0.63	$ -	0.00%	$ 0.0013	486	$ 0.63	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	470	$ 3.26	$ 0.0069	470	$ 3.26	$ -	0.00%	$ 0.0069	470	$ 3.26	$ -	0.00%	$ 0.0069	470	$ 3.26	$ -	0.00%
TOU - Off Peak		$ 0.0800	301	$ 24.06	$ 0.0800	301	$ 24.06	$ -	0.00%	$ 0.0800	301	$ 24.06	$ -	0.00%	$ 0.0800	301	$ 24.06	$ -	0.00%
TOU - Mid Peak		$ 0.1220	85	$ 10.32	$ 0.1220	85	$ 10.32	$ -	0.00%	$ 0.1220	85	$ 10.32	$ -	0.00%	$ 0.1220	85	$ 10.32	$ -	0.00%
TOU - On Peak		$ 0.1610	85	$ 13.62	$ 0.1610	85	$ 13.62	$ -	0.00%	$ 0.1610	85	$ 13.62	$ -	0.00%	$ 0.1610	85	$ 13.62	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	470	$ 44.18	$ 0.0940	470	$ 44.18	$ -	0.00%	$ 0.0940	470	$ 44.18	$ -	0.00%	$ 0.0940	470	$ 44.18	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 76.12**			**$ 77.12**	**$ 1.00**	**1.31%**			**$ 77.83**	**$ 0.71**	**0.92%**			**$ 78.51**	**$ 0.69**	**0.88%**
HST		13%		$ 9.90	13%		$ 10.03	$ 0.13	1.31%	13%		$ 10.12	$ 0.09	0.92%	13%		$ 10.21	$ 0.09	0.88%
Total Bill (including HST)				$ 86.01			$ 87.14	$ 1.13	1.31%			$ 87.95	$ 0.80	0.92%			$ 88.72	$ 0.78	0.88%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 86.01**			**$ 87.14**	**$ 1.13**	**1.31%**			**$ 87.95**	**$ 0.80**	**0.92%**			**$ 88.72**	**$ 0.78**	**0.88%**
Total Bill on RPP (before Taxes)				**$ 72.29**			**$ 73.29**	**$ 1.00**	**1.38%**			**$ 74.00**	**$ 0.71**	**0.97%**			**$ 74.69**	**$ 0.69**	**0.93%**
HST		13%		$ 9.40	13%		$ 9.53	$ 0.13	1.38%	13%		$ 9.62	$ 0.09	0.97%	13%		$ 9.71	$ 0.09	0.93%
Total Bill (including HST)				$ 81.69			$ 82.82	$ 1.13	1.38%			$ 83.62	$ 0.80	0.97%			$ 84.40	$ 0.78	0.93%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 81.69**			**$ 82.82**	**$ 1.13**	**1.38%**			**$ 83.62**	**$ 0.80**	**0.97%**			**$ 84.40**	**$ 0.78**	**0.93%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: **Unmetered Scattered Load**

TOU / non-TOU: TOU

Consumption 470 **kWh** ◉ May 1 - October
KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 4.43	1	$ 4.43	7.25	1	$ 7.25	$ 0.50	7.41%	7.50	1	$ 7.50	$ 0.25	3.45%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0219	470	$ 10.29	$ 0.0227	470	$ 10.67	$ 0.19	1.79%	$ 0.0229	470	$ 10.76	$ 0.09	0.88%
Smart Meter Disposition Rider			470	$ -		470	$ -	$ -			470	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ -	470	$ -		470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -	
Sub-Total A (excluding pass through)				$ 14.72			$ 17.92	**$ 0.69**	**3.99%**			$ 18.26	**$ 0.34**	**1.92%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kWh	$ -	470	$ -		470	$ -	$ -			470	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kWh		470	$ -		470	$ -	$ -			470	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment			470	$ -		470	$ -	$ -			470	$ -	$ -	
			470	$ -		470	$ -	$ -			470	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.00006	487	$ 0.03	$ 0.00006	487	$ 0.03	$ -	0.00%	$ 0.00006	487	$ 0.03	$ -	0.00%
Line Losses on Cost of Power		$ 0.1021	17	$ 1.72	$ 0.1021	16	$ 1.62	$ -	0.00%	$ 0.1021	16	$ 1.62	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 16.47**			**$ 19.57**	**$ 0.69**	**3.64%**			**$ 19.91**	**$ 0.34**	**1.76%**
RTSR - Network	per kWh	$ 0.0070	487	$ 3.41	$ 0.0070	486	$ 3.40	$ -	0.00%	$ 0.0070	486	$ 3.40	$ -	0.00%
RTSR - Line and Transformation Connection	per kWh	$ 0.0040	487	$ 1.95	$ 0.0040	486	$ 1.94	$ -	0.00%	$ 0.0040	486	$ 1.94	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 21.83**			**$ 24.92**	**$ 0.69**	**2.84%**			**$ 25.26**	**$ 0.34**	**1.38%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	487	$ 2.14	$ 0.0044	486	$ 2.14	$ -	0.00%	$ 0.0044	486	$ 2.14	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	487	$ 0.63	$ 0.0013	486	$ 0.63	$ -	0.00%	$ 0.0013	486	$ 0.63	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	470	$ 3.26	$ 0.0069	470	$ 3.26	$ -	0.00%	$ 0.0069	470	$ 3.26	$ -	0.00%
TOU - Off Peak		$ 0.0800	301	$ 24.06	$ 0.0800	301	$ 24.06	$ -	0.00%	$ 0.0800	301	$ 24.06	$ -	0.00%
TOU - Mid Peak		$ 0.1220	85	$ 10.32	$ 0.1220	85	$ 10.32	$ -	0.00%	$ 0.1220	85	$ 10.32	$ -	0.00%
TOU - On Peak		$ 0.1610	85	$ 13.62	$ 0.1610	85	$ 13.62	$ -	0.00%	$ 0.1610	85	$ 13.62	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	470	$ 44.18	$ 0.0940	470	$ 44.18	$ -	0.00%	$ 0.0940	470	$ 44.18	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 76.12**			**$ 79.20**	**$ 0.69**	**0.88%**			**$ 79.55**	**$ 0.34**	**0.43%**
HST		13%		$ 9.90	13%		$ 10.30	$ 0.09	0.88%	13%		$ 10.34	$ 0.04	0.43%
Total Bill (including HST)				$ 86.01			$ 89.50	$ 0.78	0.88%			$ 89.89	$ 0.39	0.43%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 86.01**			**$ 89.50**	**$ 0.78**	**0.88%**			**$ 89.89**	**$ 0.39**	**0.43%**
Total Bill on RPP (before Taxes)				**$ 72.29**			**$ 75.38**	**$ 0.69**	**0.92%**			**$ 75.72**	**$ 0.34**	**0.46%**
HST		13%		$ 9.40	13%		$ 9.80	$ 0.09	0.92%	13%		$ 9.84	$ 0.04	0.46%
Total Bill (including HST)				$ 81.69			$ 85.18	$ 0.78	0.92%			$ 85.56	$ 0.39	0.46%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 81.69**			**$ 85.18**	**$ 0.78**	**0.92%**			**$ 85.56**	**$ 0.39**	**0.46%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%				

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Appendix 2-W
Bill Impacts

Customer Class: Sentinel Lights

TOU / non-TOU: TOU

Consumption 94 kWh — May 1 - October 31 — November 1 - April 30 (Select this radio button for applications filed after Oct 31)
0.40 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2016 Proposed Rate ($)	Volume	Charge ($)	Impact 2016 vs 2015 $ Change	% Change	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change	2018 Proposed Rate ($)	Volume	Charge ($)	Impact 2018 vs 2017 $ Change	% Change
Monthly Service Charge	Monthly	$ 2.62	1	$ 2.62	3.10	1	$ 3.10	$ 0.48	18.32%	3.25	1	$ 3.25	$ 0.15	4.84%	3.75	1	$ 3.75	$ 0.50	15.38%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 10.0361	0	$ 4.01	$ 11.9059	0	$ 4.76	$ 0.75	18.63%	$ 12.6891	0	$ 5.08	$ 0.31	6.58%	$ 12.5148	0	$ 5.01	-$ 0.07	-1.37%
Smart Meter Disposition Rider			94	$ -		94	$ -	$ -			94	$ -	$ -			94	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	0	$ -		0	$ -	$ -			0	$ -	$ -			0	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -			94	$ -	$ -	
Sub-Total A (excluding pass through)				$ 6.63			$ 7.86	**$ 1.23**	**18.51%**			$ 8.33	**$ 0.46**	**5.89%**			$ 8.76	**$ 0.43**	**5.17%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	0.40	$ -	-$ 0.1329	0.40	-$ 0.05	-$ 0.05			0	$ -	$ 0.05	-100.00%		0	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW		0.40	$ -	$ 0.3056	0.40	$ 0.12	$ 0.12			94	$ -	-$ 0.12	-100.00%		94	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment			94	$ -		94	$ -	$ -			94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -			94	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.01785	0	$ 0.01	$ 0.01877	0	$ 0.01	$ 0.00	5.15%	$ 0.01893	0	$ 0.01	$ 0.00	0.85%	$ 0.01898	0	$ 0.01	$ 0.00	0.26%
Line Losses on Cost of Power		$ 0.1021	3	$ 0.34	$ 0.1021	3	$ 0.32	-$ 0.02	-5.59%	$ 0.1021	3	$ 0.32	$ -	0.00%	$ 0.1021	3	$ 0.32	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 6.99**			**$ 8.26**	**$ 1.28**	**18.30%**			**$ 8.66**	**$ 0.39**	**4.77%**			**$ 9.09**	**$ 0.43**	**4.97%**
RTSR - Network	per kW	$ 2.1461	0.4	$ 0.86	$ 2.1461	0.4	$ 0.86	$ -	0.00%	$ 2.1461	0.4	$ 0.86	$ -	0.00%	$ 2.1461	0.4	$ 0.86	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.2058	0.4	$ 0.48	$ 1.2058	0.4	$ 0.48	$ -	0.00%	$ 1.2058	0.4	$ 0.48	$ -	0.00%	$ 1.2058	0.4	$ 0.48	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 8.33**			**$ 9.60**	**$ 1.28**	**15.35%**			**$ 10.00**	**$ 0.39**	**4.11%**			**$ 10.43**	**$ 0.43**	**4.30%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	97	$ 0.43	$ 0.0044	97	$ 0.43	-$ 0.00	-0.19%	$ 0.0044	97	$ 0.43	$ -	0.00%	$ 0.0044	97	$ 0.43	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	97	$ 0.13	$ 0.0013	97	$ 0.13	-$ 0.00	-0.19%	$ 0.0013	97	$ 0.13	$ -	0.00%	$ 0.0013	97	$ 0.13	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	94	$ 0.65	$ 0.0069	94	$ 0.65	$ -	0.00%	$ 0.0069	94	$ 0.65	$ -	0.00%	$ 0.0069	94	$ 0.65	$ -	0.00%
TOU - Off Peak		$ 0.0800	60	$ 4.81	$ 0.0800	60	$ 4.81	$ -	0.00%	$ 0.0800	60	$ 4.81	$ -	0.00%	$ 0.0800	60	$ 4.81	$ -	0.00%
TOU - Mid Peak		$ 0.1220	17	$ 2.06	$ 0.1220	17	$ 2.06	$ -	0.00%	$ 0.1220	17	$ 2.06	$ -	0.00%	$ 0.1220	17	$ 2.06	$ -	0.00%
TOU - On Peak		$ 0.1610	17	$ 2.72	$ 0.1610	17	$ 2.72	$ -	0.00%	$ 0.1610	17	$ 2.72	$ -	0.00%	$ 0.1610	17	$ 2.72	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	94	$ 8.84	$ 0.0940	94	$ 8.84	$ -	0.00%	$ 0.0940	94	$ 8.84	$ -	0.00%	$ 0.0940	94	$ 8.84	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 19.38**			**$ 20.66**	**$ 1.28**	**6.59%**			**$ 21.06**	**$ 0.39**	**1.91%**			**$ 21.49**	**$ 0.43**	**2.04%**
HST		13%		$ 2.52	13%		$ 2.69	$ 0.17	6.59%	13%		$ 2.74	$ 0.05	1.91%	13%		$ 2.79	$ 0.06	2.04%
Total Bill (including HST)				$ 21.90			$ 23.35	$ 1.44	6.59%			$ 23.79	$ 0.45	1.91%			$ 24.28	$ 0.49	2.04%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 21.90**			**$ 23.35**	**$ 1.44**	**6.59%**			**$ 23.79**	**$ 0.45**	**1.91%**			**$ 24.28**	**$ 0.49**	**2.04%**
Total Bill on RPP (before Taxes)				**$ 18.62**			**$ 19.90**	**$ 1.28**	**6.86%**			**$ 20.29**	**$ 0.39**	**1.98%**			**$ 20.72**	**$ 0.43**	**2.12%**
HST		13%		$ 2.42	13%		$ 2.59	$ 0.17	6.86%	13%		$ 2.64	$ 0.05	1.98%	13%		$ 2.69	$ 0.06	2.12%
Total Bill (including HST)				$ 21.04			$ 22.48	$ 1.44	6.86%			$ 22.93	$ 0.45	1.98%			$ 23.41	$ 0.49	2.12%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 21.04**			**$ 22.48**	**$ 1.44**	**6.86%**			**$ 22.93**	**$ 0.45**	**1.98%**			**$ 23.41**	**$ 0.49**	**2.12%**

Loss Factor (%) 3.5800% 3.3800% 3.3800% 3.3800%

1 1

Appendix 2-W
Bill Impacts

Customer Class: **Sentinel Lights**

TOU / non-TOU: TOU

Consumption 94 **kWh** ◉ May 1 - October
0.40 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2019 Proposed Rate ($)	Volume	Charge ($)	Impact 2019 vs 2018 $ Change	% Change	2020 Proposed Rate ($)	Volume	Charge ($)	Impact 2020 vs 2019 $ Change	% Change
Monthly Service Charge	Monthly	$ 2.62	1	$ 2.62	4.25	1	$ 4.25	$ 0.50	13.33%	4.50	1	$ 4.50	$ 0.25	5.88%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 10.0361	0	$ 4.01	$ 12.2397	0	$ 4.90	-$ 0.11	-2.20%	$ 12.2322	0	$ 4.89	-$ 0.00	-0.06%
Smart Meter Disposition Rider			94	$ -		94	$ -	$ -			94	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	0	$ -		0	$ -	$ -			0	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -	
Sub-Total A (excluding pass through)				$ 6.63			$ 9.15	**$ 0.39**	**4.45%**			$ 9.39	**$ 0.25**	**2.70%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	0.40	$ -		0	$ -	$ -			0	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW		0.40	$ -		94	$ -	$ -			94	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment			94	$ -		94	$ -	$ -			94	$ -	$ -	
			94	$ -		94	$ -	$ -			94	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.01785	0	$ 0.01	$ 0.01899	0	$ 0.01	$ 0.00	0.05%	$ 0.01900	0	$ 0.01	$ 0.00	0.05%
Line Losses on Cost of Power		$ 0.1021	3	$ 0.34	$ 0.1021	3	$ 0.32	$ -	0.00%	$ 0.1021	3	$ 0.32	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 6.99**			**$ 9.48**	**$ 0.39**	**4.29%**			**$ 9.72**	**$ 0.25**	**2.61%**
RTSR - Network	per kW	$ 2.1461	0.4	$ 0.86	$ 2.1461	0.4	$ 0.86	$ -	0.00%	$ 2.1461	0.4	$ 0.86	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.2058	0.4	$ 0.48	$ 1.2058	0.4	$ 0.48	$ -	0.00%	$ 1.2058	0.4	$ 0.48	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 8.33**			**$ 10.82**	**$ 0.39**	**3.74%**			**$ 11.07**	**$ 0.25**	**2.28%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	97	$ 0.43	$ 0.0044	97	$ 0.43	$ -	0.00%	$ 0.0044	97	$ 0.43	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	97	$ 0.13	$ 0.0013	97	$ 0.13	$ -	0.00%	$ 0.0013	97	$ 0.13	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	94	$ 0.65	$ 0.0069	94	$ 0.65	$ -	0.00%	$ 0.0069	94	$ 0.65	$ -	0.00%
TOU - Off Peak		$ 0.0800	60	$ 4.81	$ 0.0800	60	$ 4.81	$ -	0.00%	$ 0.0800	60	$ 4.81	$ -	0.00%
TOU - Mid Peak		$ 0.1220	17	$ 2.06	$ 0.1220	17	$ 2.06	$ -	0.00%	$ 0.1220	17	$ 2.06	$ -	0.00%
TOU - On Peak		$ 0.1610	17	$ 2.72	$ 0.1610	17	$ 2.72	$ -	0.00%	$ 0.1610	17	$ 2.72	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	94	$ 8.84	$ 0.0940	94	$ 8.84	$ -	0.00%	$ 0.0940	94	$ 8.84	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 19.38**			**$ 21.88**	**$ 0.39**	**1.81%**			**$ 22.12**	**$ 0.25**	**1.13%**
HST		13%		$ 2.52	13%		$ 2.84	$ 0.05	1.81%	13%		$ 2.88	$ 0.03	1.13%
Total Bill (including HST)				$ 21.90			$ 24.72	$ 0.44	1.81%			$ 25.00	$ 0.28	1.13%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 21.90**			**$ 24.72**	**$ 0.44**	**1.81%**			**$ 25.00**	**$ 0.28**	**1.13%**
Total Bill on RPP (before Taxes)				**$ 18.62**			**$ 21.11**	**$ 0.39**	**1.88%**			**$ 21.36**	**$ 0.25**	**1.17%**
HST		13%		$ 2.42	13%		$ 2.74	$ 0.05	1.88%	13%		$ 2.78	$ 0.03	1.17%
Total Bill (including HST)				$ 21.04			$ 23.86	$ 0.44	1.88%			$ 24.13	$ 0.28	1.17%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 21.04**			**$ 23.86**	**$ 0.44**	**1.88%**			**$ 24.13**	**$ 0.28**	**1.17%**

Loss Factor (%) 3.5800% 3.3800% 3.3800%

1 1

Appendix 2-W
Bill Impacts

Customer Class: **Street Light**

TOU / non-TOU: TOU

Consumption 150 kWh ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)
1.00 KW

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2016 Proposed Rate ($)	2016 Proposed Volume	2016 Proposed Charge ($)	Impact 2016 vs 2015 $ Change	Impact 2016 vs 2015 % Change	2017 Proposed Rate ($)	2017 Proposed Volume	2017 Proposed Charge ($)	Impact 2017 vs 2016 $ Change	Impact 2017 vs 2016 % Change	2018 Proposed Rate ($)	2018 Proposed Volume	2018 Proposed Charge ($)	Impact 2018 vs 2017 $ Change	Impact 2018 vs 2017 % Change
Monthly Service Charge	Monthly	$ 0.57	1	$ 0.57	0.80	1	$ 0.80	$ 0.23	40.35%	0.90	1	$ 0.90	$ 0.10	12.50%	0.95	1	$ 0.95	$ 0.05	5.56%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.9997	1	$ 4.00	$ 5.6872	1	$ 5.69	$ 1.69	42.19%	$ 5.8846	1	$ 5.88	$ 0.20	3.47%	$ 6.3578	1	$ 6.36	$ 0.47	8.04%
Smart Meter Disposition Rider			150	$ -		150	$ -	$ -			150	$ -	$ -			150	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	1	$ -	- 0.2405	1	-$ 0.24	-$ 0.24			1	$ -	$ 0.24	-100.00%		1	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -			150	$ -	$ -	
Sub-Total A (excluding pass through)				$ 4.57			$ 6.25	**$ 1.68**	**36.70%**			$ 6.78	**$ 0.54**	**8.61%**			$ 7.31	**$ 0.52**	**7.71%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	1	$ -	- 0.21151	1	-$ 0.21	-$ 0.21			1	$ -	$ 0.21	-100.00%		1	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW		1.00	$ -	$ 0.4542	1.00	$ 0.45	$ 0.45			150	$ -	-$ 0.45	-100.00%		150	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment			150	$ -	$ 0.0028	150	$ 0.42	$ 0.42			150	$ -	-$ 0.42	-100.00%		150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -			150	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.01749	1	$ 0.02	$ 0.01916	1	$ 0.02	$ 0.00	9.55%	$ 0.01933	1	$ 0.02	$ 0.00	0.89%	$ 0.01937	1	$ 0.02	$ 0.00	0.21%
Line Losses on Cost of Power		$ 0.1021	5	$ 0.55	$ 0.1021	5	$ 0.52	-$ 0.03	-5.59%	$ 0.1021	5	$ 0.52	$ -	0.00%	$ 0.1021	5	$ 0.52	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 5.14**			**$ 7.45**	**$ 2.31**	**45.02%**			**$ 7.32**	**-$ 0.13**	**-1.69%**			**$ 7.85**	**$ 0.52**	**7.15%**
RTSR - Network	per kW	$ 2.1570	1	$ 2.16	$ 2.1570	1	$ 2.16	$ -	0.00%	$ 2.1570	1	$ 2.16	$ -	0.00%	$ 2.1570	1	$ 2.16	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.2310	1	$ 1.23	$ 1.2310	1	$ 1.23	$ -	0.00%	$ 1.2310	1	$ 1.23	$ -	0.00%	$ 1.2310	1	$ 1.23	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 8.52**			**$ 10.84**	**$ 2.31**	**27.13%**			**$ 10.71**	**-$ 0.13**	**-1.16%**			**$ 11.23**	**$ 0.52**	**4.89%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	155	$ 0.68	$ 0.0044	155	$ 0.68	-$ 0.00	-0.19%	$ 0.0044	155	$ 0.68	$ -	0.00%	$ 0.0044	155	$ 0.68	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	155	$ 0.20	$ 0.0013	155	$ 0.20	-$ 0.00	-0.19%	$ 0.0013	155	$ 0.20	$ -	0.00%	$ 0.0013	155	$ 0.20	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	150	$ 1.04	$ 0.0069	150	$ 1.04	$ -	0.00%	$ 0.0069	150	$ 1.04	$ -	0.00%	$ 0.0069	150	$ 1.04	$ -	0.00%
TOU - Off Peak		$ 0.0800	96	$ 7.68	$ 0.0800	96	$ 7.68	$ -	0.00%	$ 0.0800	96	$ 7.68	$ -	0.00%	$ 0.0800	96	$ 7.68	$ -	0.00%
TOU - Mid Peak		$ 0.1220	27	$ 3.29	$ 0.1220	27	$ 3.29	$ -	0.00%	$ 0.1220	27	$ 3.29	$ -	0.00%	$ 0.1220	27	$ 3.29	$ -	0.00%
TOU - On Peak		$ 0.1610	27	$ 4.35	$ 0.1610	27	$ 4.35	$ -	0.00%	$ 0.1610	27	$ 4.35	$ -	0.00%	$ 0.1610	27	$ 4.35	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	150	$ 14.10	$ 0.0940	150	$ 14.10	$ -	0.00%	$ 0.0940	150	$ 14.10	$ -	0.00%	$ 0.0940	150	$ 14.10	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 26.02**			**$ 28.33**	**$ 2.31**	**8.88%**			**$ 28.21**	**-$ 0.13**	**-0.45%**			**$ 28.73**	**$ 0.52**	**1.86%**
HST		13%		$ 3.38	13%		$ 3.68	$ 0.30	8.88%	13%		$ 3.67	-$ 0.02	-0.45%	13%		$ 3.73	$ 0.07	1.86%
Total Bill (including HST)				$ 29.40			$ 32.01	$ 2.61	8.88%			$ 31.87	-$ 0.14	-0.45%			$ 32.46	$ 0.59	1.86%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 29.40**			**$ 32.01**	**$ 2.61**	**8.88%**			**$ 31.87**	**-$ 0.14**	**-0.45%**			**$ 32.46**	**$ 0.59**	**1.86%**
Total Bill on RPP (before Taxes)				**$ 24.80**			**$ 27.11**	**$ 2.31**	**9.32%**			**$ 26.98**	**-$ 0.13**	**-0.47%**			**$ 27.51**	**$ 0.52**	**1.94%**
HST		13%		$ 3.22	13%		$ 3.52	$ 0.30	9.32%	13%		$ 3.51	-$ 0.02	-0.47%	13%		$ 3.58	$ 0.07	1.94%
Total Bill (including HST)				$ 28.02			$ 30.64	$ 2.61	9.32%			$ 30.49	-$ 0.14	-0.47%			$ 31.08	$ 0.59	1.94%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 28.02**			**$ 30.64**	**$ 2.61**	**9.32%**			**$ 30.49**	**-$ 0.14**	**-0.47%**			**$ 31.08**	**$ 0.59**	**1.94%**
Loss Factor (%)		3.5800%			3.3800%					3.3800%					3.3800%				

1 1

Appendix 2-W
Bill Impacts

Customer Class: **Street Light**

TOU / non-TOU: TOU

Consumption 150 **kWh** ◉ May 1 - October
1.00 KW

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	2019 Proposed Rate ($)	2019 Proposed Volume	2019 Proposed Charge ($)	Impact 2019 vs 2018 $ Change	Impact 2019 vs 2018 % Change	2020 Proposed Rate ($)	2020 Proposed Volume	2020 Proposed Charge ($)	Impact 2020 vs 2019 $ Change	Impact 2020 vs 2019 % Change
Monthly Service Charge	Monthly	$ 0.57	1	$ 0.57	1.00	1	$ 1.00	$ 0.05	5.26%	1.05	1	$ 1.05	$ 0.05	5.00%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
			1	$ -		1	$ -	$ -			1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.9997	1	$ 4.00	$ 6.7566	1	$ 6.76	$ 0.40	6.27%	$ 6.9249	1	$ 6.92	$ 0.17	2.49%
Smart Meter Disposition Rider			150	$ -		150	$ -	$ -			150	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	1	$ -		1	$ -	$ -			1	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -	
Sub-Total A (excluding pass through)				$ 4.57			$ 7.76	**$ 0.45**	**6.14%**			$ 7.97	**$ 0.22**	**2.81%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	$ -	1	$ -		1	$ -	$ -			1	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider Class 2	per kW		1.00	$ -		150	$ -	$ -			150	$ -	$ -	
Deferral/Variance Account Disposition Rate Rider - Global Adjustment			150	$ -		150	$ -	$ -			150	$ -	$ -	
			150	$ -		150	$ -	$ -			150	$ -	$ -	
Low Voltage Service Charge	per kW	$ 0.01749	1	$ 0.02	$ 0.01939	1	$ 0.02	$ 0.00	0.10%	$ 0.01940	1	$ 0.02	$ 0.00	0.05%
Line Losses on Cost of Power		$ 0.1021	5	$ 0.55	$ 0.1021	5	$ 0.52	$ -	0.00%	$ 0.1021	5	$ 0.52	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -		$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 5.14**			**$ 8.29**	**$ 0.45**	**5.72%**			**$ 8.51**	**$ 0.22**	**2.63%**
RTSR - Network	per kW	$ 2.1570	1	$ 2.16	$ 2.1570	1	$ 2.16	$ -	0.00%	$ 2.1570	1	$ 2.16	$ -	0.00%
RTSR - Line and Transformation Connection	per kW	$ 1.2310	1	$ 1.23	$ 1.2310	1	$ 1.23	$ -	0.00%	$ 1.2310	1	$ 1.23	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 8.52**			**$ 11.68**	**$ 0.45**	**4.00%**			**$ 11.90**	**$ 0.22**	**1.87%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	155	$ 0.68	$ 0.0044	155	$ 0.68	$ -	0.00%	$ 0.0044	155	$ 0.68	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	155	$ 0.20	$ 0.0013	155	$ 0.20	$ -	0.00%	$ 0.0013	155	$ 0.20	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0069	150	$ 1.04	$ 0.0069	150	$ 1.04	$ -	0.00%	$ 0.0069	150	$ 1.04	$ -	0.00%
TOU - Off Peak		$ 0.0800	96	$ 7.68	$ 0.0800	96	$ 7.68	$ -	0.00%	$ 0.0800	96	$ 7.68	$ -	0.00%
TOU - Mid Peak		$ 0.1220	27	$ 3.29	$ 0.1220	27	$ 3.29	$ -	0.00%	$ 0.1220	27	$ 3.29	$ -	0.00%
TOU - On Peak		$ 0.1610	27	$ 4.35	$ 0.1610	27	$ 4.35	$ -	0.00%	$ 0.1610	27	$ 4.35	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0940	150	$ 14.10	$ 0.0940	150	$ 14.10	$ -	0.00%	$ 0.0940	150	$ 14.10	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1100	0	$ -	$ 0.1100	0	$ -	$ -		$ 0.1100	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 26.02**			**$ 29.18**	**$ 0.45**	**1.56%**			**$ 29.40**	**$ 0.22**	**0.75%**
HST		13%		$ 3.38	13%		$ 3.79	$ 0.06	1.56%	13%		$ 3.82	$ 0.03	0.75%
Total Bill (including HST)				$ 29.40			$ 32.97	$ 0.51	1.56%			$ 33.22	$ 0.25	0.75%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on TOU (including OCEB)				**$ 29.40**			**$ 32.97**	**$ 0.51**	**1.56%**			**$ 33.22**	**$ 0.25**	**0.75%**
Total Bill on RPP (before Taxes)				**$ 24.80**			**$ 27.96**	**$ 0.45**	**1.63%**			**$ 28.18**	**$ 0.22**	**0.78%**
HST		13%		$ 3.22	13%		$ 3.63	$ 0.06	1.63%	13%		$ 3.66	$ 0.03	0.78%
Total Bill (including HST)				$ 28.02			$ 31.59	$ 0.51	1.63%			$ 31.84	$ 0.25	0.78%
Ontario Clean Energy Benefit [1]				$ -			$ -	$ -				$ -	$ -	
Total Bill on RPP (including OCEB)				**$ 28.02**			**$ 31.59**	**$ 0.51**	**1.63%**			**$ 31.84**	**$ 0.25**	**0.78%**

Loss Factor (%) 3.5800% 3.3800% 3.3800%