Cooperative Hydro Embrun Inc. EB-2019-0028 2020 IRM Application August 12, 2019

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1	

Appendix 4 2

# 2018 RRWF<sup>23</sup>

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<sup>&</sup>lt;sup>23</sup> MFR - Supporting documentation (e.g. relevant past decisions, RRWF etc.)



# Revenue Requirement Workform (RRWF) for 2017 Filers



Varcian 7	00
Version 7	UU.

Utility Name	
Service Territory	
Assigned EB Number	
Name and Title	
Phone Number	
Email Address	

The RRWF has been enhanced commencing with 2017 rate applications to provide estimated base distribution rates. The enhanced RRWF is not intended to replace a utility's formal rate generator model which should continue to be the source of the proposed rates as well as the final ones at the conclusion of the proceeding. The load forecasting addition made to this model is intended to be demonstrative only and does not replace the information filed in the utility's application. In an effort to minimize the incremental work required from utilities, the cost allocation and rate design additions to this model do in fact replace former appendices that were required to be filed as part of the cost of service (Chapter 2) filing requirements.

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

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



# Revenue Requirement Workform (RRWF) for 2017 Filers

<u>1. Info</u>	8. Rev Def Suff
2. Table of Contents	<u>9. Rev_Reqt</u>
3. Data_Input_Sheet	10. Load Forecast
<u>4. Rate_Base</u>	11. Cost Allocation
5. Utility Income	12. Residential Rate Design
<u>6. Taxes_PILs</u>	13. Rate Design and Revenue Reconciliation
7. Cost_of_Capital	14. Tracking Sheet

Notes:

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

# Ontario Energy Board Revenue Requirement Workform (RRWF) for 2017 Filers

# Data Input<sup>(1)</sup>

	_	Initial Application	(2)	Adjustments	_	Interrogatory Responses	(6)	Adjustments	Per Board Decision
1	Rate Base								
	Gross Fixed Assets (average)	\$6,216,043	(5)			\$ 6,216,043		\$28,584	\$6,244,627
	Accumulated Depreciation (average)	(\$1,881,045)	(3)			(\$1,881,045)		\$1,255	(\$1,879,790)
	Allowance for Working Capital: Controllable Expenses	\$721,971				\$ 721,971		(\$40,000)	\$681,971
	Cost of Power	\$4,209,043		(\$29,157)		\$ 4,179,886		(\$654,259)	\$3,525,627
	Working Capital Rate (%)	7.50%	(9)	(\$20,101)		7.50%	(9)	(\$001,200)	7.50% (9)
2	Utility Income								
	Operating Revenues:	¢000.070				\$000 0 <del>7</del> 0		<b>#0.000</b>	<b>\$</b> 222,222
	Distribution Revenue at Current Rates	\$909,378		(\$12,708)		\$896,670		\$3,690	\$900,360
	Distribution Revenue at Proposed Rates Other Revenue:	\$1,107,885		(\$991)		\$1,106,895		(\$39,559)	\$1,067,336
	Specific Service Charges	\$20,041		\$869		\$20,910		\$0	\$20,910
	Late Payment Charges	\$20,041		\$0		\$11,400		\$0 \$0	\$11,400
	Other Distribution Revenue	(\$10,152)		\$0 \$0		(\$10,152)		\$0 \$0	(\$10,152)
	Other Income and Deductions	\$7,500		\$0 \$0		\$7,500		\$0	\$7,500
		<i><b>Q</b></i> , <b>3000</b>		ΨŬ		\$1,000		ψŬ	<i>ψ</i> ,,000
	Total Revenue Offsets	\$29,789	(7)	(\$131)		\$29,658		\$0	\$29,658
	Operating Expenses:								
	OM+A Expenses	\$721,971				\$ 721,971		(\$40,000)	\$681,971
	Depreciation/Amortization	\$165,121				\$ 165,121		(\$2,966)	\$162,155
	Property taxes								
	Other expenses								
3	Taxes/PILs								
	Taxable Income:								
		(\$138,995)	(3)			(\$138,995)			(\$141,277)
	Adjustments required to arrive at taxable income								
	Utility Income Taxes and Rates:	<b>\$</b> 0,000				<b>\$</b> 0,000			<b>*</b> 0.405
	Income taxes (not grossed up)	\$3,936				\$3,929			\$3,465
	Income taxes (grossed up)	\$4,631				\$4,623			\$4,076
	Federal tax (%) Provincial tax (%)	10.50% 4.50%				10.50% 4.50%			10.50% 4.50%
	Income Tax Credits	4.50 %				4.50 %			4.50%
4	Capitalization/Cost of Capital Capital Structure:								
	Long-term debt Capitalization Ratio (%)	56.0%				56.0%			56.0%
		4.0%	(8)			4.0%	(8)		4.0% <sup>(8)</sup>
	Short-term debt Capitalization Ratio (%) Common Equity Capitalization Ratio (%)	40.0%				40.0%			40.0%
	Prefered Shares Capitalization Ratio (%)	40.0%				40.0%			40.070
		100.0%				100.0%			100.0%
		100.070				100.070			100.070

Cost of Capital			
Long-term debt Cost Rate (%)	2.90%	2.90%	2.90%
Short-term debt Cost Rate (%)	1.76%	1.76%	2.29%
Common Equity Cost Rate (%)	8.78%	8.78%	9.00%
Prefered Shares Cost Rate (%)			

#### Notes:

- General Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.
  - <sup>(1)</sup> All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
  - (2) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I
  - <sup>(3)</sup> Net of addbacks and deductions to arrive at taxable income.
  - <sup>(4)</sup> Average of Gross Fixed Assets at beginning and end of the Test Year
  - <sup>(5)</sup> Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
  - (6) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
  - <sup>(7)</sup> Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
  - <sup>(8)</sup> 4.0% unless an Applicant has proposed or been approved for another amount.
  - <sup>(9)</sup> The default Working Capital Allowance factor is **7.5%** (of Cost of Power plus controllable expenses), per the letter issued by the Board on June 3, 2015. Alternatively, a WCA factor based on lead-lag study, with supporting rationale could be provided.

# Contario Energy Board Revenue Requirement Workform (RRWF) for 2017 Filers

Rate Base and Working Capital

	Rate Base						
Line No.	Particulars	_	Initial <u>Application</u>	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(2)	\$6,216,043	\$ -	\$6,216,043	\$28,584	\$6,244,627
2	Accumulated Depreciation (average)	(2)	(\$1,881,045)	\$ -	(\$1,881,045)	\$1,255	(\$1,879,790)
3	Net Fixed Assets (average)	(2)	\$4,334,999	\$ -	\$4,334,999	\$29,839	\$4,364,838
4	Allowance for Working Capital	(1)	\$369,826	(\$2,187)	\$367,639	(\$52,069)	\$315,570
5	Total Rate Base	=	\$4,704,825	(\$2,187)	\$4,702,638	(\$22,230)	\$4,680,408

# (1) Allowance for Working Capital - Derivation

6 7 8	Controllable Expenses Cost of Power Working Capital Base		\$721,971 \$4,209,043 \$4,931,014	\$ - (\$29,157) (\$29,157)	\$721,971 \$4,179,886 \$4,901,857	(\$40,000) (\$654,259) (\$694,259)	\$681,971 <u>\$3,525,627</u> \$4,207,598
9	Working Capital Rate %	(1)	7.50%	0.00%	7.50%	0.00%	7.50%
10	Working Capital Allowance	=	\$369,826	(\$2,187)	\$367,639	(\$52,069)	\$315,570

Notes

(1) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2017 cost of service applications is 7.5%, per the letter issued by the Board on June 3, 2015.

<sup>(2)</sup> Average of opening and closing balances for the year.

Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

# **Utility Income**

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Operating Revenues: Distribution Revenue (at Proposed Rates)	\$1,107,885	(\$991)	\$1,106,895	(\$39,559)	\$1,067,336
2	Other Revenue	(1) \$28,789	\$869	\$29,658	\$ -	\$29,658
3	Total Operating Revenues	\$1,136,675	(\$122)	\$1,136,553	(\$39,559)	\$1,096,994
4 5 6 7 8	Operating Expenses: OM+A Expenses Depreciation/Amortization Property taxes Capital taxes Other expense	\$721,971 \$165,121 \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$721,971 \$165,121 \$ -	(\$40,000) (\$2,966) \$ - \$ - \$ - \$ -	\$681,971 \$162,155 \$ -
9	Subtotal (lines 4 to 8)	\$887,092	\$ -	\$887,092	(\$42,966)	\$844,126
10	Deemed Interest Expense	\$79,719	(\$37)	\$79,681	\$616	\$80,297
11	Total Expenses (lines 9 to 10)	\$966,811	(\$37)	\$966,774	(\$42,350)	\$924,423
12	Utility income before income taxes	\$169,864	(\$85)	\$169,779	\$2,792	\$172,571
13	Income taxes (grossed-up)	\$4,631	(\$8)	\$4,623	(\$546)	\$4,076
14	Utility net income	\$165,233	(\$77)	\$165,157	\$3,338	\$168,495

## Notes

(1)

## Other Revenues / Revenue Offsets

Specific Service Charges Late Payment Charges Other Distribution Revenue	\$20,041 \$11,400 (\$10,152)	\$869 \$ - \$ -	\$20,910 \$11,400 (\$10,152)	\$ - \$ - \$ -	\$20,910 \$11,400 <mark>(\$10,152</mark> )
Other Income and Deductions	\$7,500	\$	\$7,500	<u>\$ -</u>	\$7,500
Total Revenue Offsets	\$28,789	\$869	\$29,658	<u>\$ -</u>	\$29,65

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# Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

## Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
	Determination of Taxable Income			
1	Utility net income before taxes	\$165,233	\$165,157	\$168,495
2	Adjustments required to arrive at taxable utility income	(\$138,995)	(\$138,995)	(\$141,277)
3	Taxable income	\$26,239	\$26,162	\$27,218
	Calculation of Utility income Taxes			
4	Income taxes	\$3,936	\$3,929	\$3,465
6	Total taxes	\$3,936	\$3,929	\$3,465
7	Gross-up of Income Taxes	\$695	\$693	\$611
8	Grossed-up Income Taxes	\$4,631	\$4,623	\$4,076
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$4,631	\$4,623	\$4,076
10	Other tax Credits	\$ -	\$ -	\$ -
	Tax Rates			
11 12 13	Federal tax (%) Provincial tax (%) Total tax rate (%)	10.50% <u>4.50%</u> <u>15.00%</u>	10.50% 4.50% 15.00%	10.50% 4.50% 15.00%

#### <u>Notes</u>

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# Contario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

# **Capitalization/Cost of Capital**

Line No.	Particulars	Capitaliz	zation Ratio	Cost Rate	Return
		Initial A	opplication		
	Debt	(%)	(\$)	(%)	(\$)
1 2 3	Long-term Debt Short-term Debt Total Debt	56.00% 4.00% 60.00%	\$2,634,702 <u>\$188,193</u> \$2,822,895	2.90% <u>1.76%</u> 2.82%	\$76,406 <u>\$3,312</u> \$79,719
Ū		00.00 //	<i>\\\</i> ,022,000	2.0270	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>
4 5 6	Equity Common Equity Preferred Shares Total Equity	40.00% 0.00% 40.00%	\$1,881,930 \$ - \$1,881,930	8.78% 0.00% 8.78%	\$165,233 <u>\$ -</u> \$165,233
7	Total	100.00%	\$4,704,825	5.21%	\$244,952
		Interrogato	ory Responses		
		(%)	(\$)	(%)	(\$)
1 2 3	Debt Long-term Debt Short-term Debt Total Debt	56.00% 4.00% 60.00%	\$2,633,477 <u>\$188,106</u> \$2,821,583	2.90% <u>1.76%</u> <u>2.82%</u>	\$76,371 <u>\$3,311</u> \$79,681
4 5 6	Equity Common Equity Preferred Shares Total Equity	40.00% 0.00% 40.00%	\$1,881,055 \$ - \$1,881,055	8.78% 0.00% 8.78%	\$165,157 <u>\$ -</u> \$165,157
7	Total	100.00%	\$4,702,638	5.21%	\$244,838
		Per Boa	rd Decision		
		(%)	(\$)	(%)	(\$)
8 9 10	Debt Long-term Debt Short-term Debt Total Debt	56.00% 4.00% 60.00%	\$2,621,028 \$187,216 \$2,808,245	2.90% 2.29% 2.86%	\$76,010 \$4,287 \$80,297
	Equity		<b>.</b>		• • • • • • •
11 12 13	Common Equity Preferred Shares Total Equity	40.00% 0.00% 40.00%	\$1,872,163 \$ - \$1,872,163	9.00% 0.00% 9.00%	\$168,495 \$ - \$168,495
14	Total	100.00%	\$4,680,408	5.32%	\$248,792

<u>Notes</u>

Ontario Energy Board

# **Revenue Requirement Workform** (RRWF) for 2017 Filers

# **Revenue Deficiency/Sufficiency**

		Initial App	lication	Interrogatory	Responses	Per Board Decision		
Line No.	Particulars	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	
1	Revenue Deficiency from Below		\$228,090		\$241,884		\$191,647	
2	Distribution Revenue	\$909,378	\$879,795	\$896,670	\$865,010	\$900,360	\$875,689	
3	Other Operating Revenue Offsets - net	\$28,789	\$28,789	\$29,658	\$29,658	\$29,658	\$29,658	
4	Total Revenue	\$938,168	\$1,136,675	\$926,329	\$1,136,553	\$930,018	\$1,096,994	
5	Operating Expenses	\$887,092	\$887,092	\$887,092	\$887,092	\$844,126	\$844,126	
6	Deemed Interest Expense	\$79,719	\$79,719	\$79,681	\$79,681	\$80,297	\$80,297	
8	Total Cost and Expenses	\$966,811	\$966,811	\$966,774	\$966,774	\$924,423	\$924,423	
9	Utility Income Before Income Taxes	(\$28,643)	\$169,864	(\$40,445)	\$169,779	\$5,595	\$172,571	
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$138,995)	(\$138,995)	(\$138,995)	(\$138,995)	(\$141,277)	(\$141,277)	
11	Taxable Income	(\$167,638)	\$30,869	(\$179,440)	\$30,785	(\$135,682)	\$31,294	
12 13	Income Tax Rate	15.00% \$ -	15.00% \$4,630	15.00% \$ -	15.00% \$4,618	15.00% \$ -	15.00% \$4,694	
	Income Tax on Taxable Income	Ť	+ ,	Ť	<b>+</b> -, <b>-</b> -	Ť	+ ,	
14	Income Tax Credits	\$ -	\$ -	\$ -	\$-	\$ -	\$ -	
15	Utility Net Income	(\$28,643)	\$165,233	(\$40,445)	\$165,157	\$5,595	\$168,495	
16	Utility Rate Base	\$4,704,825	\$4,704,825	\$4,702,638	\$4,702,638	\$4,680,408	\$4,680,408	
17	Deemed Equity Portion of Rate Base	\$1,881,930	\$1,881,930	\$1,881,055	\$1,881,055	\$1,872,163	\$1,872,163	
18	Income/(Equity Portion of Rate Base)	-1.52%	8.78%	-2.15%	8.78%	0.30%	9.00%	
19	Target Return - Equity on Rate Base	8.78%	8.78%	8.78%	8.78%	9.00%	9.00%	
20	Deficiency/Sufficiency in Return on Equity	-10.30%	0.00%	-10.93%	0.00%	-8.70%	0.00%	
21	Indicated Rate of Return	1.09%	5.21%	0.83%	5.21%	1.84%	5.32%	
22	Requested Rate of Return on Rate Base	5.21%	5.21%	5.21%	5.21%	5.32%	5.32%	
23	Deficiency/Sufficiency in Rate of Return	-4.12%	0.00%	-4.37%	0.00%	-3.48%	0.00%	

24 25 26	Target Return on Equity Revenue Deficiency/(Sufficiency) Gross Revenue Deficiency/(Sufficiency)	\$165,233 \$193,876 \$228,090 <sup>(1)</sup>	\$165,233 ( <mark>\$0)</mark>	\$165,157 \$205,602 \$241,884 <sup>(1)</sup>	\$165,157 <mark>(\$0)</mark>	\$168,495 \$162,900 \$191,647 <sup>(1)</sup>	\$168,495 \$0
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# Notes:

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

Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

# **Revenue Requirement**

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision	
1	OM&A Expenses	\$721,971	\$721,971	\$681,971	
2 3	Amortization/Depreciation Property Taxes	\$165,121 \$ -	\$165,121	\$162,155	
5	Income Taxes (Grossed up)	\$4,631	\$4,623	\$4,076	
6 7	Other Expenses Return	\$ -			
	Deemed Interest Expense Return on Deemed Equity	\$79,719 \$165,233	\$79,681 \$165,157	\$80,297 \$168,495	
8	Service Revenue Requirement (before Revenues)	\$1,136,675	\$1,136,553	\$1,096,994	
9 10	Revenue Offsets Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)	\$29,789 \$1,106,886	\$29,658 \$1,106,895	\$29,658 \$1,067,336	
11 12	Distribution revenue Other revenue	\$1,107,885 \$28,789	\$1,106,895 \$29,658	\$1,067,336 \$29,658	
13	Total revenue	\$1,136,675	\$1,136,553	\$1,096,994	
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	(\$0)_	(1) (\$0)	(1)\$0	(1)

### Summary Table of Revenue Requirement and Revenue Deficiency/Sufficiency

	Application	Interrogatory Responses	Δ% <sup>(2)</sup>	Per Board Decision	Δ% (2)
Service Revenue Requirement Grossed-Up Revenue	\$1,136,675	\$1,136,553	(\$0)	\$1,096,994	<b>(</b> \$1)
Deficiency/(Sufficiency)	\$228,090	\$241,884	\$0	\$191,647	<b>(</b> \$1)
Base Revenue Requirement (to be recovered from Distribution Rates)	\$1,106,886	\$1,106,895	\$0	\$1,067,336	<b>(</b> \$1)
Revenue Deficiency/(Sufficiency)					

<u>Notes</u>

(2)

<sup>(1)</sup> Line 11 - Line 8

Percentage Change Relative to Initial Application



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# Revenue Requirement Workform (RRWF) for 2017 Filers

# Load Forecast Summary

This spreadsheet provides a summary of the customer and load forecast on which the test year revenue requirement is derived. The amounts serve as the denominators for deriving the rates to recover the test year revenue requirement for purposes of this RRWF.

The information to be input is inclusive of any adjustments to kWh and kW to reflect the impacts of CDM programs up to and including CDM programs planned to be executed in the test year. i.e., the load forecast adjustments determined in **Appendix 2-I** should be incorporated into the entries. The inputs should correspond with the summary of the Load Forecast for the Test Year in **Appendix 2-IB** and in Exhibit 3 of the application.

Appendix 2-IB is still required to be filled out, as it also provides a year-over-year variance analysis of demand growth andf trends from historical actuals to the Bridge and Test Year forecasts.

	Stage in Process:	Pe	r Board Decision							
	Customer Class	Ini	tial Application		Interro	gatory Responses		Per	Board Decision	
	Input the name of each customer class.	Customer / Connections Test Year average or mid-year	<b>kWh</b> Annual	<b>kW/kVA</b> <sup>(1)</sup> Annual	Customer / Connections Test Year average or mid-year	<b>kWh</b> Annual	<b>kW/kVA</b> <sup>(1)</sup> Annual	Customer / Connections Test Year average or mid-year	<b>kWh</b> Annual	<b>kW/kVA</b> <sup>(1)</sup> Annual
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Residential General Service < 50 kW General Service > 50 to 4999 kW Unmetered Scattered Load Street Lighting other other	2,100 172 9 17 530 - -	21,616,344 5,043,563 2,827,501 82,127 393,969 - - -	- 12,736 - 603 - -	2,100 172 9 17 530 - -	20,643,494 4,817,525 3,483,591 78,431 197,134 - - -	- 12,163 - 576 - -	2,100 172 9 17 530	21,429,449 4,515,363 3,657,814 82,356 207,000	- 12,771 - 605
	Total	2,828	29,963,504	13,339	2,828	29,220,175	12,739	2,828	29,891,982	13,376

#### Notes:

<sup>(1)</sup> Input kW or kVA for those customer classes for which billing is based on demand (kW or kVA) versus energy consumption (kWh)





Contario Energy Board

# **Revenue Requirement Workform** (RRWF) for 2017 Filers

# **Cost Allocation and Rate Design**

This spreadsheet replaces Appendix 2-P and provides a summary of the results from the Cost Allocation spreadsheet, and is used in the determination of the class revenue requirement and, hence, ultimately, the determination of rates from customers in all classes to recover the revenue requirement.

**Stage in Application Process:** Per Board Decision

#### Allocated Costs A)

Name of Customer Class <sup>(3)</sup> From Sheet 10. Load Forecast		Allocated from ous Study <sup>(1)</sup>	%		located Class nue Requirement (1) (7A)	%
1Residential2General Service < 50 kW3General Service > 50 to 4999 kW4Unmetered Scattered Load5Street Lighting6other7other89101112131415161718192020	\$ \$ \$ \$	687,249 107,690 69,528 5,498 18,461	77.36% 12.12% 7.83% 0.62% 2.08%	\$ \$ \$ \$	892,262 114,604 58,565 4,749 26,813	81.34% 10.45% 5.34% 0.43% 2.44%
Total	\$	888,426	100.00%	\$	1,096,994	100.00%
				\$	1,096,994.35	

Class Allocated Revenue Requirement, from Sheet O-1, Revenue to Cost || RR, row 40, from the Cost Allocation Study in this application. This excludes costs in deferral and variance (1) accounts. For Embedded Distributors, Account 4750 - Low Voltage (LV) Costs are also excluded.

Host Distributors - Provide information on any embedded distributor(s) as a separate class, if applicable. If embedded distributors are billed in a General Service class, include the (2) allocated costs and revenues of the embedded distributor(s) in the applicable class, and also complete Appendix 2-Q.

Customer Classes - If these differ from those in place in the previous cost allocation study, modify the customer classes to match the proposal in the current application as closely as (3) possible.



### B) Calculated Class Revenues

Name of Customer Class		Forecast (LF) X ent approved rates	F X current roved rates X (1+d)	LF X	Proposed Rates	Γ	Miscellaneous Revenues
		(7B)	(7C)		(7D)		(7E)
1 Residential	\$	869,597	\$ 836,239	\$	839,227	\$	22,698
2 General Service < 50 kW	\$	108,608	\$ 123,047	\$	123,109	\$	5,970
3 General Service > 50 to 4999 kW	\$	58,065	\$ 81,487	\$	75,673	\$	462
4 Unmetered Scattered Load	\$	4,642	\$ 5,772	\$ \$	5,613	\$	109
5 Street Lighting	\$	26,424	\$ 20,792	\$	23,713	\$	419
6 other							
7 other							
8							
9							
0							
1							
2							
3							
4							
5							
6							
7							
8							
9							
0	_						
Total	\$	1,067,336	\$ 1,067,336	\$	1,067,336	\$	29,658

(4) In columns 7B to 7D, LF means Load Forecast of Annual Billing Quantities (i.e., customers or connections, as applicable X 12 months, and kWh, kW or kVA as applicable. Revenue quantities should be net of the Transformer Ownership Allowance for applicable customer classes. Exclude revenues from rate adders and rate riders.

(5) Columns 7C and 7D - Column Total should equal the Base Revenue Requirement for each.

Column 7C - The OEB-issued cost allocation model calculates "1+d" on worksheet O-1, cell C22. "d" is defined as Revenue Deficiency/Revenue at Current Rates. (6)

(7) Column 7E - If using the OEB-issued cost allocation model, enter Miscellaneous Revenues as it appears on worksheet O-1, row 19,

### C) Rebalancing Revenue-to-Cost Ratios

Name of Customer Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Recent Year: 2014	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	%	%	%	%
1 Residential	107.00%	96.27%	96.60%	85 - 115
2 General Service < 50 kW	88.00%	112.58%	112.63%	85 - 115
3 General Service > 50 to 4999 kW	103.00%	139.93%	130.00%	80 - 120
4 Unmetered Scattered Load	70.00%	123.82%	120.49%	80 - 120
5 Street Lighting	70.00%	79.11%	90.00%	80 - 120
6 other				80 - 120
7 other				80 - 120
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

(8) Previously Approved Revenue-to-Cost (R/C) Ratios - For most applicants, the most recent year would be the third year (at the latest) of the Price Cap IR period. For example, if the applicant, rebased in 2012 with further adjustments to move within the range over two years, the Most Recent Year would be 2015. However, the ratios in 2015 would be equal to those after the adjustment in 2014.

(9) Status Quo Ratios - The OEB-issued cost allocation model provides the Status Quo Ratios on Worksheet O-1. The Status Quo means "Before Rebalancing".

(10) Ratios shown in red are outside of the allowed range. Applies to both Tables C and D.

# (D) Proposed Revenue-to-Cost Ratios (11)

Name of Customer Class	Propos	ed Revenue-to-Cost Ratio		Policy Range	
	Test Year	Price Cap IR Period			
	2018	2019	2020		
1 Residential	96.60%	96.60%	96.60%	85 - 115	
2 General Service < 50 kW	112.63%	112.63%	112.63%	85 - 115	
3 General Service > 50 to 4999 kW	130.00%	130.00%	130.00%	80 - 120	
4 Unmetered Scattered Load	120.49%	120.49%	120.49%	80 - 120	
5 Street Lighting	90.00%	90.00%	90.00%	80 - 120	
6 other				80 - 120	
7 other				80 - 120	
8					
9					
0					
1					
2					
3					
4					
5					
6					
7					
8					
9					
0					

(11) The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2017 that is outside of the OEB's policy range for any customer class. Table D will show that the distributor is likely to enter into the 2018 and 2019 Price Cap IR models, as necessary. For 2018 and 2019, enter the planned revenue-to-cost ratios that will be "Change" or "No Change" in 2017 (in the current Revenue/Cost Ratio Adjustment Workform, Worksheet C1.1 'Decision - Cost Revenue Adjustment, column d), and enter TBD for class(es) that will be entered as 'Rebalance'.

Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

# **New Rate Design Policy For Residential Customers**

Please complete the following tables.

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for	Residential Class
Customers	2,100
kWh	21,429,449

Proposed Residential Class Specific \$ 839,227.13 Revenue Requirement<sup>1</sup>

Residential Base Rates on Current Tariff						
Monthly Fixed Charge (\$)	21.87					
Distribution Volumetric Rate (\$/kWh)	0.0072					

### B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	21.87	2,100	\$ 551,124.00	78.13%
Variable	0.0072	21,429,449	\$ 154,292.03	21.87%
TOTAL	-	-	\$ 705,416.03	-

### C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy	
Transition Years <sup>2</sup>	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	\$ 655,667.28	26.02	\$ 655,704.00
Variable	\$ 183,559.85	0.0086	\$ 184,293.26
TOTAL	\$ 839,227.13	-	\$ 839,997.26

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	83.60%			
Variable	16.40%	\$ 137,669.89	0.0064	\$ 137,148.47
TOTAL	-	\$ 839,227.13	-	\$ 838,716.47

Checks <sup>3</sup>	
Change in Fixed Rate	\$ 1.82
Difference Between Revenues @	(\$510.66)
Proposed Rates and Class Specific	-0.06%

Notes:



# **Revenue Requirement Workform** (RRWF) for 2017 Filers

# Rate Design and Revenue Reconciliation

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and voluemtric rates based on the allocated class revenues and fixed/variable split resulting from the cost allocation study and rate design and as proposed by the applicant. However, the RRWF does not replace the rate generator model that an applicant distributor may use in support of its application. The RRWF provides a demonstrative check on the derivation of the revenue requirement and on the proposed base distribution from a more detailed rate generator model and other models that applicants use for cost allocation, load forecasting, taxes/PILs, etc.

Stage in Process:		Pe	er Board Decision			Cla	ass Alle	ocated Reve	nues						Di	stribution Rate	es		A I	Revenue Reconciliatio	on
	Customer and Lo	oad Forecast			F			est Allocation Initial Rate Des		heet 12.	Fixed / Varia Percentage to b fraction betw	e entered as a									
Customer Class	Volumetric Charge Determinant	Customers / Connections	kWh	kW or kVA	R	tal Class evenue juirement		Monthly vice Charge	Vo	olumetric	Fixed	Variable	Transformer Ownership Allowance <sup>1</sup> (\$)	Monthly Serv	ice Charge No. of		/olumetric	Rate No. of		Volumetric	Revenues Transforr Ownerst
From sheet 10. Load Forecast	Determinant				Net	unement							Allowance (\$)	Rate	decimals	Rate		decimals	MSC Revenues	revenues	Allowan
<ol> <li>Residential</li> <li>General Service &lt; 50 kW</li> <li>General Service &gt; 50 to 4999 kW</li> <li>Unmetered Scattered Load</li> <li>Street Lighting</li> <li>other</li> <li>other</li> <li>other</li> <li>10</li> <li>11</li> <li>12</li> <li>13</li> <li>14</li> <li>15</li> <li>16</li> <li>17</li> <li>18</li> <li>19</li> <li>20</li> </ol>	kWh kW kWh kW	2,100 172 9 17 530 - - - - - - - - - - - - - - - - - - -	21,429,449 4,515,363 3,657,814 82,356 207,000 - - - - - - - - - - - - - - - - - -	- 12,771 - 605 - - - - - - - - - - - - - - - - - - -	\$\$\$\$	839,227 123,109 75,673 5,613 23,713	\$ \$ \$ \$	701,568 43,600 21,541 4,416 12,710	\$ \$ \$ \$ \$ \$	137,659 79,510 54,133 1,198 11,002	83.60% 35.42% 28.47% 78.67% 53.60%	16.40% 64.58% 71.53% 21.33% 46.40%		\$27.84 \$21.11 \$199.45 \$21.16 \$2.00		\$0.006 \$0.017 \$4.238 \$0.014 \$18.185	61 /kWh 69 /kW 54 /kWh	5	<ul> <li>\$ 701,568.00</li> <li>\$ 43,599.63</li> <li>\$ 21,540.60</li> <li>\$ 4,415.87</li> <li>\$ 12,710.27</li> <li>\$ -</li> <li>\$ -</li></ul>	<ul> <li>\$ 137,577.0636</li> <li>\$ 79,515.5395</li> <li>\$ 54,132.7631</li> <li>\$ 1,197.4633</li> <li>\$ 11,002.3364</li> <li>\$ -</li> <l< td=""><td>\$ 839,14 \$ 123,11 \$ 75,67 \$ 5,61 \$ 23,71 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td></l<></ul>	\$ 839,14 \$ 123,11 \$ 75,67 \$ 5,61 \$ 23,71 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
										٦	otal Transformer Own	ership Allowance	\$-						Total Distribution Re	evenues	\$ 1,067,25
Notes:																Rates recov	er revenue r	equirement	Base Revenue Requ	lirement	\$ 1,067,33
<sup>1</sup> Transformer Ownership Allowance is	entered as a positive a	amount, and only for	those classes to wh	nich it applies.															Difference % Difference		-\$

<sup>2</sup> The Fixed/Variable split, for each customer class, drives the "rate generator" portion of this sheet of the RRWF. Only the "fixed" fraction is entered, as the sum of the "fixed" and "variable" portions must sum to 100%. For a distributor that may set the Monthly Service Charge, the "fixed" ratio is calcutated as: [MSC x (average number of customers or connections) x 12 months] / (Class Allocated Revenue Requirement).



es less ormer rship ance
,145.06 ,115.17 ,673.36 ,613.33 ,712.60
-
-
- - -
,259.52
,335.90 76.38 -0.007%



# **Revenue Requirement Workform** (RRWF) for 2017 Filers

# **Tracking Form**

1

The first row shown, labelled "Original Application", summarizes key statistics based on the data inputs into the RRWF. After the original application filing, the applicant provides key changes in capital and operating expenses, load forecasts, cost of capital, etc., as revised through the processing of the application. This could be due to revisions or responses to interrogatories. The last row shown is the most current estimate of the cost of service data reflecting the original application and any updates provided by the applicant distributor (for updated evidence, responses to interrogatories, undertakings, etc.)

Please ensure a Reference (Column B) and/or Item Description (Column C) is entered. Please note that unused rows will automatically be hidden and the PRINT AREA set when the PRINT BUTTON on Sheet 1 is activated. <sup>(1)</sup>Short reference to evidence material (interrogatory response, undertaking, exhibit number, Board Decision, Code, Guideline, Report of the Board, etc.)

<sup>(2)</sup> Short description of change, issue, etc.

# Summary of Proposed Changes

		Cost of	Cost of Capital		e and Capital Exp	enditures	Ор	erating Expense	es	Revenue Requirement			
Reference <sup>(1)</sup>	Item / Description <sup>(2)</sup>	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement			
	Original Application	\$ 244,952	5.21%	\$ 4,704,825							. ,	. , ,	. ,
	Updates to the LF	\$ 244,522	5.21%	\$ 4,696,568	\$ 4,820,916	\$ 361,569	\$ 165,121	\$ 4,579	\$ 721,971	\$ 1,136,194	\$ 28,789	\$ 1,107,404	\$ 242,535

Cooperative Hydro Embrun Inc. EB-2019-0028 2020 IRM Application August 12, 2019

Page **35** of **36** 

# Appendix 5 2019 PDF of IRM Generator<sup>24</sup>

2

<sup>&</sup>lt;sup>24</sup> MFR - Completed Rate Generator Model and supplementary work forms, Excel and PDF

#### Ontario Energy Board Quick Link **Incentive Rate-setting Mechanism Rate Generator** for 2020 Filers Version 2.0 Utility Name Cooperative Hydro Embrun Inc. Assigned EB Number EB-2019-0028 Name of Contact and Title Benoit Lamarche Phone Number 613-443-5110 Email Address Benoit@hydroembrun.ca We are applying for rates effective January 1, 2020 Rate-Setting Method Price Cap IR 1. Select the last Cost of Service rebasing year 2018 2. Select the year that the balances of Accounts 1588 and 1589 were last approved for 2017

disposition (e.g. If 2017 balances were approved for disposition in the 2019 rate application, select 2017) 3. Select the year that the balances of the remaining Group 1 DVAs were last approved for disposition 4. Select the earliest vintage year in which there is a balance in Account 1595 (e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016)

5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)?

6. Did you have any customers classified as Class A at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)?

7. Retail Transmission Service Rates: Cooperative Hydro Embrun Inc. is:

8. Have you transitioned to fully fixed rates?

•	No
ſ	Fully Embedded
ſ	No

2017

2016

No

Legend

Pale green cells represent input cells.

Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.

Ontario Energy Board's 2020 Electricity

# Ontario Energy Board Incentive Rate-setting Mechanis

# Rate Generator for 2020 Filer: Cooperative Hydro Embrun Inc.

# TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

# **RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusive separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a deta or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered within a town house complex or apartment building also qualify as residential customers. All customers are single-B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distribu Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Cod Ontario Energy Board, and amendments thereto as approved by Ontario Energy Board, which may be applicable that administration of this schedule.

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

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

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

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

Service Charge	\$
Smart Metering Entity Charge - effective until December 31, 2022	\$
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until December 31, 2020	\$
Distribution Volumetric Rate	\$/kWh
Low Voltage Service Rate	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2020	\$/kWh
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kWh
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2020 Applicable only for Non-RPP Customers	\$/kWh
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2020	\$/kWh
Retail Transmission Rate - Network Service Rate	\$/kWh
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh

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

Wholesale Market Service Rate (WMS) - not including 2: BRurrent Tariff Schedule

# Ontario Energy Board Incentive Rate-setting Mechanis Rate Generator for 2020 Filer:

Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)

\$/kWh \$/kWh \$

# Ontario Energy Board Incentive Rate-setting Mechanis Rate Generator for 2020 Filer:

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

This classification applies to a non-residential account taking electricity at 750 volts or less whose average monthl demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. | Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Cod Ontario Energy Board, and amendments thereto as approved by Ontario Energy Board, which may be applicable 1 administration of this schedule.

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

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

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

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

Service Charge	\$
Smart Metering Entity Charge - effective until December 31, 2022	\$
Distribution Volumetric Rate	\$/kWh
Low Voltage Service Rate	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2020	\$/kWh
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kWh
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2020 Applicable only for Non-RPP Customers	\$/kWh
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until December 31, 2020	\$/kWh
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2020	\$/kWh
Retail Transmission Rate - Network Service Rate	\$/kWh
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh
MONTHLY RATES AND CHARGES - Regulatory Component	
	<b>*</b> " • • • •

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh
Standard Supply Service - Administrative Charge (if applicable)	\$

# Ontario Energy Board Incentive Rate-setting Mechanis Rate Generator for 2020 Filers

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

This classification applies to a non-residential account whose average monthly maximum demand used for billing equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributo of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Cod Ontario Energy Board, and amendments thereto as approved by Ontario Energy Board, which may be applicable that administration of this schedule.

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

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

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not a WMP, customers that transitioned between Class A and Class B during the variance account accumulation period customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded th the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied fc period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B cust

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

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

Service Charge	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Service Rate	\$/kW
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 20	
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 20	019
Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 20	019
- Approved on an Interim Basis	\$/kW
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 20	)20
Applicable only for Non-RPP Customers	\$/kWh
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018)	
- effective until December 31, 2020	\$/kW
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA	.) (2018)
- effective until December 31, 2020	\$/kW
Retail Transmission Rate - Network Service Rate	\$/kW
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW
MONTHLY RATES AND CHARGES - Regulatory Component	
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/k\//h

# **Ontario Energy Board Incentive Rate-setting Mechanis Rate Generator for 2020 Filers** UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum d€ than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Cod Ontario Energy Board, and amendments thereto as approved by Ontario Energy Board, which may be applicable t administration of this schedule.

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

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

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

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

Service Charge (per customer)	\$
Distribution Volumetric Rate	\$/kWh
Low Voltage Service Rate	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019	
- Approved on an Interim Basis	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2020	\$/kWh
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018)	
- effective until December 31, 2020	\$/kWh
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018)	
- effective until December 31, 2020	\$/kWh
Retail Transmission Rate - Network Service Rate	\$/kWh
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh
MONTHLY RATES AND CHARGES - Regulatory Component	
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh

Rural or Remote Electricity Rate Protection Charge (RRRP)

\$

# Ontario Energy Board Incentive Rate-setting Mechanis Rate Generator for 2020 Filers STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will b the calculated connected load times the required lighting times established in the approved Ontario Energy Board load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

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

Service Charge (per connection)	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Service Rate	\$/kW
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2020	\$/kW
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019	
Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019	
- Approved on an Interim Basis	\$/kW
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2020	
Applicable only for Non-RPP Customers	\$/kWh
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018)	±
- effective until December 31, 2020	\$/kW
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018)	<b>•</b> " • • • •
- effective until December 31, 2020	\$/kW
Retail Transmission Rate - Network Service Rate	\$/kW
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW
MONTHLY RATES AND CHARGES - Regulatory Component	
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh
Standard Supply Service - Administrative Charge (if applicable)	\$

# Ontario Energy Board Incentive Rate-setting Mechanis Rate Generator for 2020 Filers microFIT SERVICE CLASSIFICATION

# This classification applies to an electricity generation facility contracted under the Independent Electricity System microFIT program and connected to the distributor's distribution system. Further servicing details are available in t distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Cod Ontario Energy Board, and amendments thereto as approved by Ontario Energy Board, which may be applicable 1 administration of this schedule.

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

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

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

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

Service Charge	\$
ALLOWANCES	
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%

# SPECIFIC SERVICE CHARGES

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

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

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

#### **Customer Administration**

Arrears certificate	\$
Statement of account	\$
Duplicate invoices for previous billing	\$
Request for other billing information	\$
Income tax letter	\$
Account history	\$
Credit check (plus credit agency costs)	\$
Returned cheque (plus bank charges)	\$
Legal letter charge	\$
Account set up charge/change of occupancy charge (plus credit agency costs if applicable) Meter dispute charge plus Measurement Canada ខee ut rent Torrigic Scheooule	\$ Issued Month day, Year

# Ontario Energy Board Incentive Rate-setting Mechanis Rate Generator for 2020 Filers

### Non-Payment of Account

Late payment - per month	%
Late payment - per annum	%
Collection of account charge - no disconnection	\$
Collection of account charge - no disconnection - after regular hours	\$
Disconnect/reconnect at meter - during regular hours	\$
Disconnect/reconnect at meter - after regular hours	\$
Disconnect/reconnect charge - at pole during regular hours	\$
Disconnect/reconnect charge - at pole after hours	\$
Install/remove load control device - during regular hours	\$
Install/remove load control device - after regular hours	\$
Other	
Special meter reads	\$
Service call - customer owned equipment	\$
Service call - after regular hours	\$
Temporary service - installation and removal - overhead - no transformer	\$
Temporary service - installation and removal - underground - no transformer	\$
Temporary service - installation and removal - overhead - with transformer	\$
Specific charge for access to the power poles - \$/pole/year	
(with the exception of wireless attachments)	\$

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

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Cod Ontario Energy Board, and amendments thereto as approved by Ontario Energy Board, which may be applicable 1 administration of this schedule.

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$
Monthly fixed charge, per retailer	\$
Monthly variable charge, per customer, per retailer	\$/cust.
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.
Service Transaction Requests (STR)	
Request fee, per request, applied to the requesting party	\$
Processing fee, per request, applied to the requesting party	\$
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail	
Settlement Code directly to retailers and customers, if not delivered electronically through the	
Electronic Business Transaction (EBT) system, applied to the requesting party	
Up to twice a year	\$
More than twice a year, per request (plus incremental delivery costs)	\$

# LOSS FACTORS

Rate Generator for 2020 Filer If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be impl

the first subsequent billing for each billing cycle.

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

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

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Page 21 of 73



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Page 23 of 73



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Page 24 of 73



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## Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Data on this worksheet has been populated using your most recent RRR filing. If you have identified any issues, please contact the OEB. Have you confirmed the accuracy of the data below?

If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, it must exclude these customers from the allocation of the GA balance and the calculation of the resulting rate riders. These rate classes are not to be charged/refunded the general GA rate rider as they did not contribute to the GA balance.

Please contact the OEB to make adjustments to the IRM rate generator for this situation.

Rate Class	Unit	Total Metered <mark>kWh</mark>	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered <mark>kW</mark> for Non RPP Customers (excluding WMP)	Wholesale Market	Metered <mark>kW</mark> for Wholesale Market Participants (WMP)	Total Metered <mark>kWh</mark> less WMP consumption <i>(if applicable)</i>	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	20,597,137	0	289,159	0	0	0	20,597,137	0	8,240	2,131
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	4,549,793	0	358,465	0	0	0	4,549,793	0	1,061	165
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	3,896,559	10,935	3,896,559	10,935	0	0	3,896,559	10,935	-643	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	93,084	0	0	0	0	0	93,084	0	-7	
STREET LIGHTING SERVICE CLASSIFICATION	kW	208,895	583	208,895	583	0	0	208,895	583	-117	
	Total	29,345,468	11,518	4,753,078	11,518	0	0	29,345,468	11,518	8,533	2,296

Threshold Test

Total Claim (including Account 1568) Total Claim for Threshold Test (All Group 1 Accounts) Threshold Test (Total claim per kWh)<sup>2</sup>

As per Section 3.2.5 of the 2019 Filing Requirements for Electricity Distribution Rate Applications, an applicant may elect to dispose of the Group 1 account balances below the threshold. If doing so, please select YES from the adjacent drop-down cell and also indicate so in the Manager's Summary. If not, please select NO.

#### (\$15,849) (\$24,382)

(\$0.0008) Claim does not meet the threshold test.

YES

<sup>1</sup> Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

<sup>2</sup> The Threshold Test does not include the amount in 1568.

<sup>3</sup> The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.



# Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

No input required. This workshseet allocates the deferral/variance account balances (Group 1 and 1568) to the appropriate classes as per EDDVAR dated July 31, 2009

## Allocation of Group 1 Accounts (including Account 1568)

		% of	% of Total kWh			allocated based on Total less WMP
		Customer	adjusted for			
Rate Class	% of Total kWh	Numbers **	WMP	1550	1551	1580

allocated based on
Total less WMP

1584	1586	1588
------	------	------

# Ontario Energy Board ive Rate-setting Mechanisi for 2020 Filers

The purpose of this tab is to calculate the GA rate riders for all current Clast transition between Class A and B in the period since the Account 1589 GA in this tab will be modified upon completion of tab 6.1a, which allocates a particulation customers, if applicable.

Effective January 2017, the billing determinant and all rate riders for the dis calculated on an energy basis (kWhs) regardless of the billing determinant

RESIDENTIAL SERVICE CLASSIFICATION	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh
	Total

# m Rate Generator

ss B customers who did not was last disposed. Calculations portion of the GA balance to sposition of GA balances will be used for distribution rates for	Default Rate Rider Recovery Period (in months)				
	Proposed Rate Rider Recovery Period (in months)				
Total Metered Non-RPP 2018	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption				
Consumption excluding WMP	excluding WMP, Class A and Transition Customers' Consumption)				
	<b>–</b>				
Consumption excluding WMP	Customers' Consumption)				

12	
12	

#### Rate Rider Recovery to be used below

Total GA \$ allocated to Current Class B							
% of total kWh	Customers	GA Rate Rider					
6.1%	(\$466)	-\$0.0016	k٧				
7.5%	(\$578)	-\$0.0016	k٧				
82.0%	(\$6,282)	-\$0.0016	k٧				
0.0%	\$0	\$0.0000					
4.4%	(\$337)	-\$0.0016	k٧				
100.0%	(\$7,663)						

## Contario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Input required at cells C13 and C14. This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for Account 1568. Rate Riders will not be generated for the microFIT class.

Default Rate Rider Recovery Period (in months) DVA Proposed Rate Rider Recovery Period (in months) LRAM Proposed Rate Rider Recovery Period (in months) 
 12

 12
 Rate Rider Recovery to be used below

 12
 Rate Rider Recovery to be used below

 Total Metered
 Total Metered
 Allocation of Group 1
 Account Balances to Non
 Deferral/Variance
 Account Rate Rider for

 Total Metered
 Metered KW
 KWP less WMP
 Account Balances to All
 WMP Classes Only (if
 Account Rate
 Non-WMP
 Account 1568

 Unit
 kWh
 or kVA
 consumption
 Classes 2
 Applicable) 2
 Rider 2
 (if applicable) 2
 Rate Rider

Rate Class

Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

			2020	
OEB-Approved Rate Base	\$	5,206,518	\$	5,206,518
OEB-Approved Regulatory Taxable Income	\$	17,548	\$	17,548
Federal General Rate				15.0%
Federal Small Business Rate				9.0%
Federal Small Business Rate (calculated effective rate) <sup>1,2</sup>				9.0%
Ontario General Rate				11.5%
Ontario Small Business Rate				3.5%
Ontario Small Business Rate (calculated effective rate) <sup>1,2</sup>				3.5%
Federal Small Business Limit			\$	500,000
Ontario Small Business Limit			\$	500,000
Federal Taxes Payable			\$	1,579
Provincial Taxes Payable			\$	614
Federal Effective Tax Rate				9.0%
Provincial Effective Tax Rate		_		3.5%
Combined Effective Tax Rate		14.5%		12.5%
Total Income Taxes Payable	\$	2,544	\$	2,194
OEB-Approved Total Tax Credits (enter as positive number)	\$	-	\$	-
Income Tax Provision	\$	2,544	\$	2,194
Grossed-up Income Taxes	\$	2,976	\$	2,507
Incremental Grossed-up Tax Amount			-\$	469
Sharing of Tax Amount (50%)			-\$	235

#### Notes

1. Regarding the small business deduction, if applicable,

a. If taxable capital exceeds \$15 million, the small business rate will not be applicable.

b. If taxable capital is below \$10 million, the small business rate would be applicable.

c. If taxable capital is between \$10 million and \$15 million, the appropriate small business rate will be calculated.

2. The OEB's proxy for taxable capital is rate base.

#### Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator

for 2020 Filers

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H.

#### As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
Total			0 0	0 0				0	0	Ō	0				0.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	20,597,137		0	0.00	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	4,549,793		0	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	3,896,559	10,935	0	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	93,084		0	0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	208,895	583	0	0.0000	kW
Total		29,345,468	11,518	(\$235)		

for 2020 Filers									
for 2020 eners									
ment recent MM King. Both cleaness that have more than one biotecols or Correc	-		for the code are 1		past and aris	-			
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## Contario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Uniform Transmission Rates	Unit	2018			019				2020
	Ont								
Rate Description		Rate		F	Rate				Rate
Network Service Rate	kW	\$	3.61	\$	3.71			\$	3.71
Line Connection Service Rate	kW	\$	0.95	\$	0.94			\$	0.94
Transformation Connection Service Rate	kW	\$	2.34	\$	2.25			\$	2.25
Hydro One Sub-Transmission Rates	Unit	2018			:019 - June 30)		2019 I - Dec 31)		2020
Rate Description		Rate		F	Rate	I	Rate		Rate
Network Service Rate	kW	\$ 3.	1942	\$	3.1942	\$	3.2915	\$	3.2915
Line Connection Service Rate	kW	\$ 0.1	7710	\$	0.7710	\$	0.7877	\$	0.7877
Transformation Connection Service Rate	kW	\$ 1.	7493	\$	1.7493	\$	1.9755	\$	1.9755
Both Line and Transformation Connection Service Rate	kW	\$ 2.	5203	\$	2.5203	\$	2.7632	\$	2.7632
If needed, add extra host here. (I)	Unit	2018		2	2019				2020
Rate Description		Rate		F	Rate				Rate
Network Service Rate	kW								
Line Connection Service Rate	kW								
Transformation Connection Service Rate	kW								
Both Line and Transformation Connection Service Rate	kW	\$		\$	-			\$	-
If needed, add extra host here. (II)	Unit	2018		2	2019				2020
Rate Description		Rate		F	Rate				Rate
Network Service Rate	kW								
Line Connection Service Rate	kW								
Transformation Connection Service Rate	kW								
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-			\$	-
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$	Historical 2018		Curre	ent 2019			F	precast 2020

### A Ontario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection expendence. If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO		Network		11	ne Connect	tion	Transfo	rmation Co	nnection	To	tal Connection
Month	X qlw#E lanhg	Udwh	Dp rxqw	X q lw#E loong	Udwh	Dp rxqv	X q lav#E loohg	Udwh	D p rxqv		Dprxqw
January		\$0.00			\$0.00			\$0.00		e	
February		\$0.00			\$0.00			\$0.00		\$ \$	
March		\$0.00			\$0.00			\$0.00		\$ \$	-
April		\$0.00			\$0.00			\$0.00		\$	-
May		\$0.00			\$0.00			\$0.00		\$	-
June		\$0.00			\$0.00			\$0.00		\$ \$	-
July		\$0.00			\$0.00			\$0.00		\$	-
August		\$0.00			\$0.00			\$0.00		\$	-
September		\$0.00			\$0.00			\$0.00		\$	-
October		\$0.00			\$0.00			\$0.00		\$	-
November		\$0.00			\$0.00			\$0.00		\$ \$	-
December		\$0.00			\$0.00			\$0.00		\$	-
Total		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$	-
Hydro One		Network		Li	ne Connect	tion	Transfo	rmation Co	onnection	То	tal Connection
Month	X qlw#E lanhg	Udwh	Dp rxqw	X q lw#E lacing	Udwin	Dprxqv	X q1w#E looing	Uchah	Dp rxqv		Dp rxqw
January	6,342	\$3.1942	\$ 20,258	6,474	\$0.7710	\$ 4,991	6,474	\$1.7493	\$ 11,324	\$	16,316
February	5,499	\$3.1942	\$ 20,258	5,499	\$0.7710	\$ 4,991	5,499	\$1.7493	\$ 9,620	s S	13,860
March	4,655	\$3.1942	\$ 14,868	4,805	\$0.7710	\$ 3,705	4,805	\$1.7493	\$ 8,406	ŝ	12,111
April	4,033	\$3.1942	\$ 20.945	4,003	\$0.7710		4,000	\$1.7493	\$ 0,400 € 11,471	~	12,111
April	6,557	\$3.1942		6,557	\$0.7710	\$ 5,056	6,557	\$1.7493	\$ 11,471	\$	16,526
May	5,197	\$3.1942	\$ 16,601	5,197	\$0.7710	\$ 4,007	5,197	\$1.7493	\$ 9,092	\$	13,099
June	5,681	\$3.1942	\$ 18,147	5,723	\$0.7710	\$ 4,412	5,723	\$1.7493	\$ 10,010	\$	14,423
July	6,858	\$3.1942	\$ 21,907	6,858	\$0.7710	\$ 5,288	6,858	\$1.7493	\$ 11,997	\$	17,285
August	6,658	\$3.1942	\$ 21,267	6,825	\$0.7710	\$ 5,262	6,825	\$1.7493	\$ 11,939	\$	17,202
September	6,555	\$3.1942	\$ 20,937	6,555	\$0.7710	\$ 5,054	6,555	\$1.7493	\$ 11,466	\$	16,520
October	4,263	\$3.1942	\$ 13,618	4,615	\$0.7710	\$ 3,558	4,615	\$1.7493	\$ 8,073	\$	11,631
November	5,455	\$3.1942	\$ 17,426	5,455	\$0.7710	\$ 4,206	5,455	\$1.7493	\$ 9,543	\$	13,749
December	5,521	\$3.1942	\$ 17,634	5,521	\$0.7710	\$ 4,256	5,521	\$1.7493	\$ 9,657	\$	13,914
Total	69,242		\$ 221,174	70,085	\$ 0.7710		70,085	\$ 1.7493		\$	176,634
Add Extra Host Here (I) (if needed)		Network		Li	ne Connect	tion	Transfo	rmation Co	onnection	То	tal Connection
Month	X qlw#E lanhg	U dwh	Dp rxqw	X q lw#E loong	U dwh	Dp rxqv	X qlw#Eladog	U chán	Dp rxqv		Dp rxqw
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June		s -			s -			Ś -		ŝ	
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August		š -			ŝ.			š -		ŝ	
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October		s -			\$ - \$ -			s -		ŝ	-
Nevember		s -			s -			s -		~	
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December		\$ -			\$ -			\$ -		\$	-
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Add Extra Host Here (II)				Li	ne Connect	tion	Transfo	rmation Co	proceeding		tal Connection
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(if needed) Month	X qlw#Elanhg	Network Udah	Dp rxqw	X q lw#E loohg	Udwh	Dp rxqv	X qlw#2 laing	Udwh	Dp rxqv		Dp rxqw
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(if needed) Month January February		\$- \$-	D p rxqw	X q lw#E looing	\$ - \$ -	D p rxqv		Udwh \$- \$-		s	Dprxqw -
(if needed) Month January February March		\$- \$- \$-	Dp rxqw	X q lw#E lang	\$- \$- \$-	Dp rxqv		Udah \$- \$- \$-		\$	D p rxqv - - -
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(if needed) Month January February March April May June July August September October November December <b>Total</b> <b>Total</b> January February March April	x qlw#2kthg 6.342 6.342 4.655 6.557 5.197 5.681	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$	x q lw# king 6.474 5.499 4.805 6.557 5.137	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - Dp rxqv \$ 4.991 \$ 4.240 \$ 3.705 \$ 5.056 \$ 4.027 \$ 4.412	X q loof long X q loof long Transfo X q loof ling 6.474 5.499 4.805 6.557	Udah \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Dp rxqv \$ - prxqv \$ - prxqv \$ 11,224 \$ 9,620 \$ 4,006 \$ 11,471 \$ 9,092 \$ 1,0010	*********	- - - - - - - - - - - - - - - - - - -
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(if needed) Month January February March April March June July August September October November October November December Total Total January February Harch April March April March April March June June June June June June June	x qlar#2labg 8,342 6,499 4,655 6,557 5,197 5,681 6,658	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$	L X q lawl# lobg 6,474 5,499 4,805 6,657 5,197 5,723 6,858	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - 100 Dp rxqv \$ 4.991 \$ 4.240 \$ 3.705 \$ 5.056 \$ 4.007 \$ 4.412 \$ 5.288	X q law laby X q law laby irransio X q law laby 5,409 5,400 5,409 5,400 5,400 5,400 5,400 5,400 5,400	Udah \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	D p rxq+ \$	*********	- - - - - - - - - - - - - - - - - - -
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Total including deduction for Low Voltage Switchgear Credit \$ 176,634

## Contario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The purpose of this sheet is to calculate the expected billing when current 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

IESO		Network		Lir	ne Connection	ı	Transfor	mation Cor	nnection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- \$	3.7100	\$-		\$ 0.9400	s -		\$ 2.2500	s -	s -
February	- \$	3.7100	\$ -	-	\$ 0.9400 \$	ŝ -	-	\$ 2.2500	\$ -	\$ -
March	- \$ - \$	3.7100	\$ -	-	\$ 0.9400	ş -	-	\$ 2.2500	ş -	s -
April	- \$	3.7100	\$ -	-	\$ 0.9400 \$ \$ 0.9400 \$	5 -	-	\$ 2.2500 \$ 2.2500	\$ - \$ -	s - s -
May June	- \$ - \$	3.7100 3.7100	\$- \$-		\$ 0.9400 \$	¢ -		\$ 2.2500 \$ 2.2500	s - s -	s - s -
July	- \$	3.7100	\$-	-	\$ 0.9400	š -		\$ 2.2500	š -	š -
August	- \$	3.7100	\$ -	-	\$ 0.9400	\$-		\$ 2.2500	\$ -	s -
September	- \$	3.7100	\$ -	-	\$ 0.9400			\$ 2.2500	s -	s -
October November	- \$ - \$	3.7100 3.7100	\$- \$-	-	\$ 0.9400 \$ 0.9400	ş -	-	\$ 2.2500 \$ 2.2500	\$ - \$ -	\$- \$-
December	- \$	3.7100	s -		\$ 0.9400			\$ 2.2500	s -	s -
	•		•			•			•	
Total	- \$	-	\$-	-	\$ - 3	\$-	-	\$-	\$-	\$ -
Hydro One		Network		Lir	ne Connection	ı	Transfor	mation Co	nnection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	6,342 \$	3.1942	\$ 20,258	6,474	\$ 0.7710	\$ 4,991	6,474		\$ 11,324	\$ 16,316
February	5,499 \$		\$ 17,566		\$ 0.7710	\$ 4,240	5,499	\$ 1.7493	\$ 9,620	\$ 13,860 \$ 12,111
March	5,499 \$ 4,655 \$ 6,557 \$	3.1942	\$ 14,868		\$ 0.7710		4,805	\$ 1.7493	\$ 8,406	\$ 12,111
April					\$ 0.7710		6,557	\$ 1.7493	\$ 11,471	\$ 16,526
May June	5,197 \$ 5,681 \$	3.1942 3.1942	\$ 16,601 \$ 18,147		\$ 0.7710 \$ \$ 0.7710 \$	\$ 4,007 \$ 4,412	5,197 5.723	\$ 1.7493 \$ 1.7493	\$ 9,092 \$ 10,010	\$ 13,099 \$ 14,423
July	6,858 \$	3.2915	\$ 22,574			\$ 5,402	6.858	\$ 1.9755	\$ 13,549	\$ 18,951
August	6,658 \$	3.2915	\$ 21,915		\$ 0.7877	5,376	6,825	\$ 1.9755	\$ 13,483	\$ 18,859
September	6,555 \$	3.2915	\$ 21,575	6,555	\$ 0.7877 \$	\$ 5,163	6,555	\$ 1.9755	\$ 12,949	\$ 18,112
October	4,263 \$	3.2915	\$ 14,033	4,615	\$ 0.7877 \$	\$ 3,635	4,615	\$ 1.9755	\$ 9,117	\$ 12,752
November	5,455 \$ 5.521 \$	3.2915	\$ 17,956 \$ 18,171	5,455	\$ 0.7877	4,297	5,455	\$ 1.9755	\$ 10,777 \$ 10,906	\$ 15,074
December			,		\$ 0.7877 \$		5,521	\$ 1.9755		\$ 15,255
Total	69,242 \$		\$ 224,610	70,085			70,085		\$ 130,703	\$ 185,337
Add Extra Host Here (I) Month	Units Billed	Network Rate	Amount	Units Billed	ne Connection Rate	Amount	Units Billed	rmation Cor Rate	Amount	Total Connection Amount
January	- \$		s -	Units Billed	s - :		Units Billed	s -	s -	\$ -
February	- 0	-	s -					\$ - \$ -	\$ -	s -
March	- \$ - \$	-	\$- \$-	-	\$ - 5 \$ - 5	š -		\$-	š -	š -
April	- \$ - \$	-	\$ - \$ -	-	\$ - 5	5 - 5 -	-	\$ -	\$ -	\$ -
May				-			-	\$ -	\$ -	s -
June Julv	- \$ - \$	-	\$- \$-	-	\$ - S	5 - 5 -	-	\$ - \$ -	\$- \$-	\$ - \$ -
August	- \$		s -			s -		\$ - \$ -	s -	s -
September	- \$		\$ -	-	š - 1	š -		\$-	š -	š -
October	- \$		\$ -	-	\$ - \$		-	\$ -	\$ -	s -
November	- \$		\$ -	-		ş -	-	\$ -	\$ -	\$ -
										s -
December	- \$	-	\$-			ş -	-	\$ -	\$ -	-
Total	- \$	-	\$- \$-		\$ - 3	\$ <u>-</u>		\$ -	\$ -	\$ -
		-		- - Lir		\$ <u>-</u>	- Transfor	\$ - \$ - rmation Cor	\$ -	-
Total Add Extra Host Here (II) Month	\$ Units Billed	- Network Rate	\$ -	- - Lir Units Billed	\$ - S	s - n Amount	- Transfor Units Billed	\$ -	\$ - nnection Amount	\$ -
Total Add Extra Host Here (II) Month January	\$ Units Billed \$	- Network Rate	\$ Amount \$	-	\$ - S ne Connection Rate \$ - S			\$ - rmation Cor Rate \$ -	\$ - nnection Amount \$ -	\$ - Total Connection Amount \$ -
Total Add Extra Host Here (II) Month January February	- \$ Units Billed - \$	- Network Rate	\$ - Amount \$ - \$ -	-	\$ - \$ ne Connection Rate \$ - \$ \$ - \$			\$ - mation Cor Rate \$ - \$ -	\$ - nnection Amount \$ - \$ -	S - Total Connection Amount S - S -
Total Add Extra Host Here (II) Month January February March	- \$ Units Billed - \$ - \$	- Network Rate -	\$ Amount \$ \$ \$	-	\$ - \$ ne Connection Rate \$ - \$ \$ - \$ \$ - \$	Amount		\$ - rmation Cor Rate \$ -	\$ - nnection Amount \$ -	\$ - Total Connection Amount \$ -
Total Add Extra Host Here (II) Month January February March April May	- \$ Units Billed - \$ - \$ - \$ - \$ - \$	- Network Rate - -	\$ - Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	-	\$ - \$ The Connection Rate \$ - \$ \$ - \$ -	Amount		\$ - mation Cor Rate \$ - \$ - \$ - \$ -	\$ - nnection Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S         -           Total Connection         Amount           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -
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        :         <th:< th="">         :         <th:< td="" th<=""><td>Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           705         -           8         -           9         -           705         5           5,056         5,0566           5,0576         5,4007           5,4122         5,376           5,5163         5,163</td><td>Units Billed - - - - - - - - - - - - -</td><td>\$ - Rato \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -</td><td>\$         -           Amount         \$           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         11.324           \$         9.092           \$         13.483           \$         12.949</td><td>\$         -           Total Connection         Amount           \$         -           \$</td></th:<></th:<></td>	Units Billed	S         -         :           Rate         Rate           \$         -         :           \$         -         :         :           \$         -         :         :         :           \$         -         :         :         :         :           \$         -         : <th:< th="">         :         <th:< td="" th<=""><td>Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           705         -           8         -           9         -           705         5           5,056         5,0566           5,0576         5,4007           5,4122         5,376           5,5163         5,163</td><td>Units Billed - - - - - - - - - - - - -</td><td>\$ - Rato \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -</td><td>\$         -           Amount         \$           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         11.324           \$         9.092           \$         13.483           \$         12.949</td><td>\$         -           Total Connection         Amount           \$         -           \$</td></th:<></th:<>	Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           705         -           8         -           9         -           705         5           5,056         5,0566           5,0576         5,4007           5,4122         5,376           5,5163         5,163	Units Billed - - - - - - - - - - - - -	\$ - Rato \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$         -           Amount         \$           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         11.324           \$         9.092           \$         13.483           \$         12.949	\$         -           Total Connection         Amount           \$         -           \$
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Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Month January February Morch April May June July January February March April Month September October November September October November July March April May June July August September October November October November September October November December November December Month	- \$ Units Billed - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		\$         -           Amount         \$           \$         -         -           \$         -         -           \$         -         -           \$         - <td>Units Billed</td> <td>S         -</td> <td>Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         -           8         -           9         -           10         -           11         -           12         -           13         -           14         -           15         -           15         -           15         -           16         -           17         -           18         -           18         -           19         -           10         -           10         -           11         -           12         -           13         -           14         -<td>Units Billed - - - - - - - - - - - - -</td><td>\$         -           Rato         \$           \$         -         -           \$         -         -           \$         -         -           \$         -<td>\$         -           Amount         \$           \$         -      &gt;&gt;         -</td><td>\$         -           Total Connection         Amount           \$         -           \$</td></td></td>	Units Billed	S         -	Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         -           8         -           9         -           10         -           11         -           12         -           13         -           14         -           15         -           15         -           15         -           16         -           17         -           18         -           18         -           19         -           10         -           10         -           11         -           12         -           13         -           14         - <td>Units Billed - - - - - - - - - - - - -</td> <td>\$         -           Rato         \$           \$         -         -           \$         -         -           \$         -         -           \$         -<td>\$         -           Amount         \$           \$         -      &gt;&gt;         -</td><td>\$         -           Total Connection         Amount           \$         -           \$</td></td>	Units Billed - - - - - - - - - - - - -	\$         -           Rato         \$           \$         -         -           \$         -         -           \$         -         -           \$         - <td>\$         -           Amount         \$           \$         -      &gt;&gt;         -</td> <td>\$         -           Total Connection         Amount           \$         -           \$</td>	\$         -           Amount         \$           \$         -      >>         -	\$         -           Total Connection         Amount           \$         -           \$
Total Add Extra Host Here (II) Month January February March April March April May June July August September October November December Total Month January February March April March April Month January February September October November July August September October November	- \$ Units Billed - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		\$         -           Amount         \$           \$         -           \$         20.945           \$         16.601           \$         21.915           \$         21.675           \$         14.033           \$         17.956	Units Billed	S         -	Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         -           8         -           9         -           10         -           11         -           12         -           13         -           14         -           15         -           15         -           15         -           16         -           17         -           18         -           18         -           19         -           10         -           10         -           11         -           12         -           13         -           14         - <td>Units Billed - - - - - - - - - - - - - - - - - - -</td> <td>\$         -           Rato         \$           \$         -         -           \$         -         -           \$         -         -           \$         -         -         -           \$         -         -         -           \$         -         -         -           \$         -<td>\$         -           Amount         \$           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         11.324           \$         9.620           \$         14.71           \$         9.620           \$         14.71           \$         9.902           \$         10.010           \$         13.483           \$         12.949           \$         10.777</td><td>\$         -           Total Connection           Amount           \$         -</td></td>	Units Billed - - - - - - - - - - - - - - - - - - -	\$         -           Rato         \$           \$         -         -           \$         -         -           \$         -         -           \$         -         -         -           \$         -         -         -           \$         -         -         -           \$         - <td>\$         -           Amount         \$           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         11.324           \$         9.620           \$         14.71           \$         9.620           \$         14.71           \$         9.902           \$         10.010           \$         13.483           \$         12.949           \$         10.777</td> <td>\$         -           Total Connection           Amount           \$         -</td>	\$         -           Amount         \$           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         11.324           \$         9.620           \$         14.71           \$         9.620           \$         14.71           \$         9.902           \$         10.010           \$         13.483           \$         12.949           \$         10.777	\$         -           Total Connection           Amount           \$         -
Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Month January February Morch April May June July January February March April Month September October November September October November July March April May June July August September October November October November September October November December November December Month	- \$ Units Billed - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		\$         -           Amount         \$           \$         -         -           \$         -         -           \$         -         -           \$         - <td>Units Billed</td> <td>S         -</td> <td>Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         -           8         4.991           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.163           5         5.163           5         5.4297           5         4.249           5         4.237</td> <td>Units Billed - - - - - - - - - - - - -</td> <td>\$         -           Rato         \$           Rato         \$           \$         -         -           \$         -         -           \$         -         -           \$         -         -           \$<!--</td--><td>\$         -           Amount         \$           \$         -      &gt;&gt;         -</td><td>\$         -           Total Connection         Amount           \$         -           \$</td></td>	Units Billed	S         -	Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         -           8         4.991           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.056           5         5.163           5         5.163           5         5.4297           5         4.249           5         4.237	Units Billed - - - - - - - - - - - - -	\$         -           Rato         \$           Rato         \$           \$         -         -           \$         -         -           \$         -         -           \$         -         -           \$ </td <td>\$         -           Amount         \$           \$         -      &gt;&gt;         -</td> <td>\$         -           Total Connection         Amount           \$         -           \$</td>	\$         -           Amount         \$           \$         -      >>         -	\$         -           Total Connection         Amount           \$         -           \$

Total including deduction for Low Voltage Switchgear Credit

185,337

## Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2016 transmission units.

IESO		Network		Lin	e Connection	1	Transfor	mation Conr	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
Januarv		\$ 3.7100 \$	-	-	\$ 0.9400 \$	· -	-	\$ 2.2500	s -	s -
February	-	\$ 3,7100 \$			\$ 0.9400 \$	-	-	\$ 2.2500	s -	s -
April	-	\$ 3.7100 \$ \$ 3.7100 \$			\$ 0.9400 \$ \$ 0.9400 \$		-		s - s -	\$ - \$ -
April May		\$ 3.7100 \$ \$ 3.7100 \$			\$ 0.9400 \$		-	\$ 2.2500 \$ 2.2500	s - s -	s - s -
June	-	\$ 3,7100 \$		-	\$ 0.9400 \$	- 3	-	\$ 2.2500	\$-	s -
July		\$ 3.7100 \$			\$ 0.9400 \$		-		s -	s -
August September		\$ 3.7100 \$ \$ 3.7100 \$			\$ 0.9400 \$ \$ 0.9400 \$		-		\$- \$-	S - S -
October		\$ 3.7100 \$			\$ 0.9400 \$				s -	s -
November	-	\$ 3.7100 \$	-	-	\$ 0.9400 \$	-		\$ 2.2500	\$ -	s -
December	-	\$ 3.7100 \$	-	-	\$ 0.9400 \$	-	-	\$ 2.2500	\$-	s -
Total	· · ·	\$ - \$	; -	-	\$ - \$	· ·		\$ -	\$ -	\$ -
Hydro One		Network		Lin	e Connection	1	Transfor	mation Conr	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January February	6,342 5,499	\$ 3.2915 \$ \$ 3.2915 \$			\$ 0.7877 \$ \$ 0.7877 \$	5,099 5 4,332	6,474 5,499	\$ 1.9755 \$ 1.9755	\$ 12,789 \$ 10.864	\$ 17,888 \$ 15,195
March	4.655	\$ 3.2915 \$			\$ 0.7877 \$		4.805	\$ 1.9755	\$ 9,493	\$ 13,278
April	6,557	\$ 3.2915 \$ \$ 3.2915 \$		6,557	\$ 0.7877 \$	5,165	6,557	\$ 1.9755	\$ 12,954	\$ 18,119
May	5,197	\$ 3.2915 \$ \$ 3.2915 \$			\$ 0.7877 \$	6 4,094	5,197	\$ 1.9755 \$ 1.9755	\$ 10,267	\$ 14,361
June	5,681 6 858	\$ 3.2915 \$ \$ 3.2915 \$			\$ 0.7877 \$ \$ 0.7877 \$		5,723 6,858	\$ 1.9755 \$ 1.9755	\$ 11,305 \$ 13,549	\$ 15,813 \$ 18,951
July August	6,858 6,658	\$ 3.2915 \$ \$ 3.2915 \$			\$ 0.7877 \$ \$ 0.7877 \$		6,858 6,825		\$	\$ 18,951 \$ 18,859
September	6,555	\$ 3.2915 \$		6,555	\$ 0.7877 \$		6,555	\$ 1.9755	\$ 13,463 \$ 12,949	\$ 18,112
October	4.263	\$ 3.2915 \$	14,033		\$ 0.7877 \$	3,635			\$ 9,117	\$ 12,752
November	5,455	\$ 3.2915 \$				4,297	5,455	\$ 1.9755		\$ 15,074
December	5,521	\$ 3.2915 \$	5 18,171	5,521	\$ 0.7877 \$	6 4,349	5,521	\$ 1.9755	\$ 10,906	\$ 15,255
Total	69,242	\$ 3.29 \$	227,911	70,085	\$ 0.79 \$	55,206	70,085	\$ 1.98	\$ 138,452	\$ 193,658
Add Extra Host Here (I)		Network		Lin	e Connection	1	Transfor	mation Conr	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	s - s		-	s - s	· -		s -	s -	s -
February		\$ - \$	-		\$ - \$	-			s -	s -
March		\$ - \$			\$ - \$				\$-	s -
April		\$ - \$			\$ - \$				s -	s -
May June		\$ - \$ \$ - \$			\$ - \$ \$ - \$				\$- \$-	S - S -
July		ə - ə S - S			s - s s - s				s -	s - s -
August		\$ - \$			\$ - \$				\$- \$-	ŝ -
September		\$ - \$			\$ - \$				s -	s -
October		\$ - \$			\$ - \$				\$ -	s -
November		\$ - \$			\$ - \$				s -	s -
December	-	\$-\$	-	-	\$ - \$	· -	-	\$-	\$-	\$ -
Total	-	\$-\$	i -	-	\$-\$	i -	-	\$-	\$-	\$-
Add Extra Host Here (II)		Network		Lin	e Connection	1	Transfor	mation Conr	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ - \$	; -	-	s - s	ş -		s -	\$-	s -
February	-	\$ - \$	- 3		\$ - \$	· -	-	\$ -	\$-	\$ -
March		\$ - \$			\$ - \$				s -	s -
April May		\$ - \$ \$ - \$			\$ - \$ \$ - \$				\$- \$-	S - S -
June		s - 3 s - s			5 - 3 5 - 5				s -	s - s -
July	-	\$ - \$	- 3		\$ - \$	i -		\$ -	\$-	s -
August		\$ - \$			\$ - \$				\$ -	s -
September		\$ - \$			\$ - \$				s -	s -
October		\$ - \$ \$ - \$	-		\$ - \$ \$ - \$	-			\$- \$-	s - s -
November December		\$- \$-\$			\$ - \$ \$ - \$				s -	s - s -
	-	φ - ψ	, -	-	φ - 4	, -	-	φ -	φ -	
Total		\$-\$	; <u>-</u>		\$-\$			*	\$ -	\$ -
Total		Network			e Connection	1	Transfor	mation Conr	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	6,342	\$ 3.29 \$	20,875	6,474	\$ 0.79 \$	5,099	6,474	\$ 1.98	\$ 12,789	\$ 17,888
February	5,499	\$ 3.29 \$	5 18,101	5,499	\$ 0.79 \$	5 4,332	5,499	\$ 1.98	\$ 10,864	\$ 15,195
March	4,655 6.557	\$ 3.29 \$ \$ 3.29 \$	15,321	4,805 6,557	\$ 0.79 \$ \$ 0.79 \$	3,785	4,805 6,557	\$ 1.98 \$ 1.98	\$ 9,493	\$ 13,278 \$ 18,119
April May		\$ 3.29 \$ \$ 3.29 \$	21,583 17,107		\$ 0.79 \$ \$ 0.79 \$	5 5,165 5 4,094			\$ 12,954 \$ 10,267	\$ 18,119 \$ 14,361
June	5,681	\$ 3.29 \$ \$ 3.29 \$	5 17,107 5 18,700	5,723	\$ 0.79 \$ \$ 0.79 \$	5 4,094 5 4,508	5,723	\$ 1.96 \$ 1.98	\$ 10,267 \$ 11,305	\$ 15,813
July	6,858	\$ 3.29 \$	22,574	6,858	\$ 0.79 \$	5,402	6,858	\$ 1.98	\$ 13,549	\$ 18,951
August	6,658	\$ 3.29 \$	21,915	6,825	\$ 0.79 \$	5,376	6,825	\$ 1.98	\$ 13,483	\$ 18,859
September	6,555	\$ 3.29 \$	5 21,575	6,555	\$ 0.79 \$	5 5,163	6,555	\$ 1.98	\$ 12,949	\$ 18,112
October	4,263	\$ 3.29 \$	14,033	4,615	\$ 0.79 \$	3,635	4,615	\$ 1.98	\$ 9,117 \$ 10,777	\$ 12,752 \$ 15.074
November December		\$ 3.29 \$ \$ 3.29 \$	5 17,956 5 18,171		\$ 0.79 \$ \$ 0.79 \$				\$ 10,777 \$ 10,906	\$ 15,074 \$ 15,255
December	5,521	ψ 3.29 \$	, 10,171	5,521	ψ 0.19 \$	4,349	5,521	φ 1.90	φ IU,900	¢ 10,200
Total	69,242	\$ 3.29 \$	227,911	70,085	\$ 0.79 \$	55,206	70,085	\$ 1.98	\$ 138,452	\$ 193,658
							Low Voltage Swi	tchgear Cree	dit (if applicable)	\$ -
						Total includ		w Voltage C	witchgoor Cro-lit	* 400.05P

Total including deduction for Low Voltage Switchgear Credit \$ 193,658

## Incentive Rate-setting Mechanism Rate Generator

### for 2020 Filers

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

···· p.·· p.·· · · · · · · · · · · · · ·											
Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network		
Residential Service Classification General Service Less Than 50 WW Service Classification General Service 50 To 4,99 kW Service Classification Unmetered Scattered Load Service Classification Street Liphing Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kWh	0.0071 0.0065 2.6235 0.0065 1.9786	22,139,863 4,890,572 100,056	0 0 10,935 0 583	157,193 31,789 28,688 650 1,154	71.6% 14.5% 13.1% 0.3% 0.5%	160,872 32,533 29,359 666 1,181	0.0073 0.0067 2.6849 0.0067 2.0249		
The purpose of this table is to re-align the current RTS Connection Rates to recover current wholesale connection costs.											
Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection		
Residential Service Classification General Service Lass Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unnetered Scattarde Load Service Classification Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kW	0.0058 0.0050 2.0297 0.0050 1.5691	22,139,863 4,890,572 100,056	0 0 10,935 0 583	128,411 24,453 22,195 500 915	72.8% 13.9% 12.6% 0.3% 0.5%	134,860 25,681 23,309 525 961	0.0061 0.0053 2.1316 0.0053 1.6479		
The purpose of this table is to update the re-aligned	RTS Network Rates to recover future wholesale network costs.										
Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network		
Residential Service Classification General Servico Less Than 50 kW Service Classification General Service 50 To 4,99 kW Service Classification Ummetered Scattered Load Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kWh	0.0073 0.0067 2.6849 0.0067 2.0249	22,139,863 4,890,572 100,056	0 0 10,935 0 583	160,872 32,533 29,359 666 1,181	71.6% 14.5% 13.1% 0.3% 0.5%	163,236 33,011 29,791 675 1,198	0.0074 0.0067 2.7244 0.0067 2.0547		
The purpose of this table is to update the re-aligned	RTS Connection Rates to recover future wholesale connection costs.										
Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection		
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 51 of 4,99 kW Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kW	0.0061 0.0053 2.1316 0.0053 1.6479	22,139,863 4,890,572 100,056	0 0 10,935 0 583	134,860 25,681 23,309 525 961	72.8% 13.9% 12.6% 0.3% 0.5%	140,915 26,834 24,356 549 1,004	0.0064 0.0055 2.2273 0.0055 1.7219		

## Contario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2020 Filers The applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2018 values and will be updated by OEB staff at a fater date.

Choose Stretch Factor Gro Associated Stretch Factor Val		Price Cap Index	1.20%	Billed kWh for Residential Class (approved in the last CoS)	29,891,982	OEB-approved # of Transition Years	3
Rate Class	Current MFC	MFC Adjustment from R/C Model		Rate Design Transition Years Left DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge

Contario Energy Board

## Incentive Rate-setting Mechanism Rate for 2020 Filers

## Update the following rates if an OEB Decision has been issued at the time of completing this application

Regulatory Charges			
Effective Date of Regulatory Charges		January 1, 2019	January 1, 2020
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.25	0.25

#### Time-of-Use RPP Prices

As of		May 1, 2019
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1340

Smart Meter Entity Charge (SME)		
Smart Meter Entity Charge (SME)	\$	0.57
Distribution Rate Protection (DRP) Amount (Applicable to LDCs und	er	
the Distribution Rate Protection program):	\$	36.86

#### **Miscellaneous Service Charges**

Notice of switch letter charge, per letter

Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	43.63	1.20%	
Retail Service Charges		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00	1.20%	101.20
Monthly fixed charge, per retailer	\$	40.00	1.20%	40.48
Monthly variable charge, per customer, per retailer	\$/cust.	1.00	1.20%	1.01
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.60	1.20%	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.60)	1.20%	(0.61)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	\$	0.50	1.20%	0.51
Processing fee, per request, applied to the requesting party	\$	1.00	1.20%	1.01
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.00	1.20%	4.05

\$

2.00

1.20%

2.02

\* inflation factor subject to change pending OEB approved inflation rate effective in 2020

\*\* applicable only to LDCs in which the province-wide pole attachment charge applies

\*\*\* subject to change pending OEB order on miscellaneous service charges

Effective and Implementation Date January 1, 2020

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

### **RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

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

Service Charge	\$	36.34
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until December 31, 2020		
	\$	0.21
Low Voltage Service Rate	\$/kWh	0.0033
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2020	\$/kWh	0.0021
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0016)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	(0.0009)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0008)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until December 31, 2020	\$/kWh	0.0004
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018)		
- effective until December 31, 2020	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0064
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

Effective and Implementation Date January 1, 2020

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

**RESIDENTIAL SERVICE CLASSIFICATION** Standard Supply Service - Administrative Charge (if applicable)

0.25

\$

Effective and Implementation Date January 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

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

This classification applies to a non-residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

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

Service Charge	\$	21.69
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0181
Low Voltage Service Rate	\$/kWh	0.0029
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2020	\$/kWh	0.0023
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0016)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	(0.0008)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0008)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until December 31, 2020		
	\$/kWh	0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until December 31, 2020	\$/kWh	0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2020	\$/kWh	0.0010
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

#### Effective and Implementation Date January 1, 2020

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

#### **RESIDENTIAL SERVICE CLASSIFICATION** Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service - Administrative Charge (if applicable)

\$/kWh \$

0.0005 0.25

#### Effective and Implementation Date January 1, 2020

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

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

This classification applies to a non-residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

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

Service Charge	\$	189.01
Distribution Volumetric Rate	\$/kW	4.0170
Low Voltage Service Rate	\$/kW	1.0823
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2020	\$/kW	0.2309
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0016)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	(0.2968)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0008)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018)		
- effective until December 31, 2020	\$/kW	0.0696
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until December 31, 2020	\$/kW	(0.0588)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018)		
- effective until December 31, 2020	\$/kW	(0.0318)
Retail Transmission Rate - Network Service Rate	\$/kW	2.7244

2.2273

## Cooperative Hydro Embrun Inc. TARIFF OF RATES AND CHARGES

#### Effective and Implementation Date January 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

#### **RESIDENTIAL SERVICE CLASSIFICATION**

Retail Transmission Rate - Line and Transformation Connection Service Rate

\$/kW

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

## RESIDENTIAL SERVICE CLASSIFICATION UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

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

	•	o / = /
Service Charge (per customer)	\$	21.74
Distribution Volumetric Rate	\$/kWh	0.0149
Low Voltage Service Rate	\$/kWh	0.0029
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	(0.0008)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2020	\$/kWh	0.0024
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018)		
- effective until December 31, 2020	\$/kWh	0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until December 31, 2020	\$/kWh	(0.0001)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018)		
- effective until December 31, 2020	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

### RESIDENTIAL SERVICE CLASSIFICATION STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

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

Service Charge (per connection)	\$	2.29
Distribution Volumetric Rate	\$/kW	20.7921
Low Voltage Service Rate	\$/kW	0.8367
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2020	\$/kW	0.3068
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0016)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	(0.2985)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0008)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018)		
- effective until December 31, 2020	\$/kW	0.0832
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until December 31, 2020	\$/kW	(0.2012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018)		
- effective until December 31, 2020	\$/kW	(0.1225)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0547
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7219
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

#### Effective and Implementation Date January 1, 2020

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

#### **RESIDENTIAL SERVICE CLASSIFICATION** Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service - Administrative Charge (if applicable)

\$/kWh \$

0.0005 0.25

Effective and Implementation Date January 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

## RESIDENTIAL SERVICE CLASSIFICATION microFIT SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

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

Service Charge	\$	10.00
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

## SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration	
Arrears certificate	\$ 15.00
Statement of account	\$ 15.00
Duplicate invoices for previous billing	\$ 15.00

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## **Cooperative Hydro Embrun Inc. TARIFF OF RATES AND CHARGES**

#### Effective and Implementation Date January 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

### **RESIDENTIAL SERVICE CLASSIFICATION**

Request for other billing information	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit check (plus credit agency costs)	\$	25.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	20.00
Collection of account charge - no disconnection - after regular hours	\$	50.00
Disconnect/reconnect at meter - during regular hours	\$	25.00
Disconnect/reconnect at meter - after regular hours	\$	50.00
Disconnect/reconnect charge - at pole during regular hours	\$	185.00
Disconnect/reconnect charge - at pole after hours	\$	415.00
Install/remove load control device - during regular hours	\$	25.00
Install/remove load control device - after regular hours	\$	50.00
Other		
Special meter reads	\$	20.00
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service - installation and removal - overhead - no transformer	\$	500.00
Temporary service - installation and removal - underground - no transformer	\$	300.00
Temporary service - installation and removal - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	43.63
RETAIL SERVICE CHARGES (if applicable)		

#### SERVICE CHARGES (IT applicable) **KEIAIL**

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer \$ 101.20

#### Effective and Implementation Date January 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

## **RESIDENTIAL SERVICE CLASSIFICATION**

Monthly fixed charge, per retailer	\$	40.48
Monthly variable charge, per customer, per retailer	\$/cust.	1.01
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.01
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.05

## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0749
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.065



## Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact to a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customer at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chanter's Filing Requirements For Electricity Distribution Rate Applications.

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

#### Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2018 of \$0.1117/kWh (IESO's Monthly Market Report for May 2018, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

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RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand- Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0749	1.0749	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0749	1.0749	2,000		CONSUMPTION	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Retailer)	1.0749	1.0749	33,000	80	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0749	1.0749	400		CONSUMPTION	
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0749	1.0749	30,000	48	DEMAND	503
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0749	1.0749	234		CONSUMPTION	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0749	1.0749	750		CONSUMPTION	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0749	1.0749	234		CONSUMPTION	
Add additional scenarios if required			1.0749	1.0749				
Add additional scenarios if required			1.0749	1.0749				
Add additional scenarios if required			1.0749	1.0749				
Add additional scenarios if required			1.0749	1.0749				
Add additional scenarios if required			1.0749	1.0749				
Add additional scenarios if required			1.0749	1.0749				
Add additional scenarios if required			1.0749	1.0749				
Add additional scenarios if required			1.0749	1.0749				
Add additional scenarios if required			1.0749	1.0749				
Add additional scenarios if required			1.0749	1.0749				
Add additional scenarios if required			1.0749	1.0749				
Add additional scenarios if required			1.0749	1.0749				

#### Table 2

RATE CLASSES / CATEGORIES		Sub-Total Total											
	Units		Α				В			С		Total Bill	
(eg: Residential TOU, Residential Retailer)			\$	%		\$	%		\$	%		\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	2.13	6.1%	\$	0.11	0.2%	\$	0.83	1.5%	\$	0.87	0.7%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$	1.06	1.8%	\$	(4.14)	-4.8%	\$	(2.64)	-2.4%	\$	(2.77)	-0.9%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$	1.34	0.3%	\$	(138.79)	-21.4%	\$	(114.91)	-11.2%	\$	(129.85)	-2.3%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$	0.04	0.7%	\$	(1.00)	-8.3%	\$	(0.70)	-4.1%	\$	(0.79)	-1.1%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	17.26	0.8%	\$	(87.23)	-4.0%	\$	(76.24)	-3.2%	\$	(86.15)	-1.2%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	3.57	10.8%	\$	2.94	8.0%	\$	3.17	7.9%	\$	3.33	5.2%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$	2.13	6.1%	\$	(1.40)	-3.0%	\$	(0.67)	-1.2%	\$	(0.76)	-0.5%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$	3.57	10.8%	\$	2.48	6.7%	\$	2.70	6.7%	\$	3.05	4.0%
		1			1								
					1								
					1								
					1			1					

RPP / Non-RPP: RPP											
Consumption	750 kWh										
Demand	- kW										
Current Loss Factor	1.0749										
Proposed/Approved Loss Factor	1.0749										
									-		
			B-Approve		-		Proposed		Im	pact	
		Rate (\$)	Volume	Charge (\$)	Rat (\$		Volume	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	\$	32.11	1	\$ 32.11		36.34	1	(1)	\$ 4.23	13.17%	
Distribution Volumetric Rate	š	0.0032	750			-	750		\$ (2.40)	-100.00%	
Fixed Rate Riders	š	0.21	1	\$ 0.21		0.21	1		\$ -	0.00%	
Volumetric Rate Riders	š	0.0001	750			0.0005	750		\$ 0.30	400.00%	
Sub-Total A (excluding pass through)	Ť			\$ 34.80				\$ 36.93	\$ 2.13	6.12%	
Line Losses on Cost of Power	\$	0.0824	56	\$ 4.63		0.0824	56	\$ 4.63		0.00%	
Total Deferral/Variance Account Rate				•							
Riders	\$	0.0039	750	\$ 2.93	\$ 0	0.0012	750		\$ (2.03)	-69.23%	
CBR Class B Rate Riders	\$	-		\$-	\$	-	750		\$ -		
GA Rate Riders	\$	-		\$-	\$		750	\$ -	\$ -		
Low Voltage Service Charge	\$	0.0033	750	\$ 2.48	\$ 0	0.0033	750	\$ 2.48	\$ -	0.00%	
Smart Meter Entity Charge (if applicable)	e	0.57	1	\$ 0.57	s	0.57	1	\$ 0.57	\$ -	0.00%	
	Ŷ	0.57			-	0.57	-			0.00 %	
Additional Fixed Rate Riders	\$	-	1	\$-	\$				\$ -		
Additional Volumetric Rate Riders			750	\$-	\$		750	\$ -	\$ -		
Sub-Total B - Distribution (includes				\$ 45.39				\$ 45.50	\$ 0.11	0.23%	
Sub-Total A)	-			•							i a la la la
RTSR - Network	\$	0.0071	806	\$ 5.72	\$ 0	0.0074	806	\$ 5.97	\$ 0.24	4.23%	In the manager's summary, discuss the r
RTSR - Connection and/or Line and	\$	0.0058	806	\$ 4.68	\$ 0	0.0064	806	\$ 5.16	\$ 0.48	10.34%	In the mean and a commence of the state
Transformation Connection					+				-		In the manager's summary, discuss the r
Sub-Total C - Delivery (including Sub-				\$ 55.79				\$ 56.62	\$ 0.83	1.49%	
Total B) Wholesale Market Service Charge											
(WMSC)	\$	0.0034	806	\$ 2.74	\$ 0	0.0034	806	\$ 2.74	\$ -	0.00%	
Rural and Remote Rate Protection											
(RRRP)	\$	0.0005	806	\$ 0.40	\$ 0	0.0005	806	\$ 0.40	\$ -	0.00%	
Standard Supply Service Charge	s	0.25	1	\$ 0.25	\$	0.25	1	\$ 0.25	\$ -	0.00%	
TOU - Off Peak	š	0.0650		\$ 31.69		0.0650			\$-	0.00%	
TOU - Mid Peak	š	0.0940	128			0.0940	128			0.00%	
TOU - On Peak	s	0.1340	135			0.1340	135			0.00%	
	1 Ŧ		. 50							2.0070	
Total Bill on TOU (before Taxes)				\$ 120.95				\$ 121.78	\$ 0.83	0.69%	
HST		13%		\$ 15.72		13%		\$ 15.83	\$ 0.11	0.69%	
8% Rebate		8%		\$ (9.68	)	8%		\$ (9.74)	\$ (0.07)		
Total Bill on TOU				\$ 126.99				\$ 127.87	\$ 0.87	0.69%	

			S THAN 50 KW SERV	ICE CLASS	FICATION			]			
RPP / Non-RPP: F											
Consumption	2,000										
Demand		kW									
Current Loss Factor	1.0749										
Proposed/Approved Loss Factor	1.0749										
			Current OE	B-Approved			Proposed	1	In	npact	]
			Rate	Volume	Charge	Rate	Volume	Charge			
			(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge		\$	21.43		\$ 21.43			\$ 21.69		1.21%	
Distribution Volumetric Rate		\$	0.0179	2000	\$ 35.80		2000	\$ 36.20		1.12%	
Fixed Rate Riders		\$	-	1	\$ -	\$ -	1	\$ -	\$ -		
Volumetric Rate Riders		\$	0.0012	2000		\$ 0.0014	2000				
Sub-Total A (excluding pass through)					\$ 59.63			\$ 60.69		1.78%	
Line Losses on Cost of Power		\$	0.0824	150	\$ 12.34	\$ 0.0824	150	\$ 12.34	\$ -	0.00%	
Total Deferral/Variance Account Rate		\$	0.0041	2,000	\$ 8.20	\$ 0.0015	2,000	\$ 3.00	\$ (5.20)	-63.41%	
Riders		Ť					-		¢ (0.20)	00.1170	
CBR Class B Rate Riders		\$	-		\$ -	\$ -	2,000		\$ -		
GA Rate Riders		\$	-		\$-	\$-	2,000		\$ -		
Low Voltage Service Charge		\$	0.0029	2,000	\$ 5.80	\$ 0.0029	2,000	\$ 5.80	\$-	0.00%	
Smart Meter Entity Charge (if applicable)		\$	0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$-	0.00%	
Additional Fixed Rate Riders		\$	-	1	\$-	\$ -	1	\$ -	\$ -		
Additional Volumetric Rate Riders		-		2,000	\$ -	\$ -	2,000	\$ -	\$ -		
Sub-Total B - Distribution (includes										4	
Sub-Total A)					\$ 86.54			\$ 82.40	\$ (4.14)	-4.78%	
RTSR - Network		\$	0.0065	2,150	\$ 13.97	\$ 0.0067	2,150	\$ 14.40	\$ 0.43	3.08%	
RTSR - Connection and/or Line and		\$	0.0050	2,150	\$ 10.75	\$ 0.0055	0.450	\$ 11.82	\$ 1.07	10.00%	
Transformation Connection		Þ	0.0050	2,150	\$ 10.75	\$ 0.0055	2,150	ə 11.82	\$ 1.07	10.00%	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-					\$ 111.26			\$ 108.62	\$ (2.64)	-2.37%	
Total B)					ş 111.20			\$ 108.02	φ (2.04)	-2.37 /6	
Wholesale Market Service Charge		\$	0.0034	2,150	\$ 7.31	\$ 0.0034	2,150	\$ 7.31	\$	0.00%	
(WMSC)		φ	0.0034	2,150	φ 7.51	φ 0.0034	2,150	φ 1.31	φ -	0.00 %	
Rural and Remote Rate Protection		¢	0.0005	2,150	\$ 1.07	\$ 0.0005	2,150	\$ 1.07	¢	0.00%	
(RRRP)		φ		2,150			2,150	φ 1.07	φ -		
Standard Supply Service Charge		\$	0.25	1	\$ 0.25			\$ 0.25		0.00%	
TOU - Off Peak		\$	0.0650		\$ 84.50		1,300			0.00%	
TOU - Mid Peak		\$	0.0940		\$ 31.96	\$ 0.0940	340	\$ 31.96	\$-	0.00%	
TOU - On Peak		\$	0.1340	360	\$ 48.24	\$ 0.1340	360	\$ 48.24	\$ -	0.00%	1
Total Bill on TOU (before Taxes)					\$ 284.59			\$ 281.96			I
HST			13%		\$ 37.00	13%		\$ 36.65		-0.93%	
8% Rebate			8%		\$ (22.77)	8%	1	\$ (22.56	) \$ 0.21		
Total Bill on TOU					\$ 298.82			\$ 296.06	\$ (2.77)	-0.93%	1

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	

 Customer Class:
 <u>GENERAL SERVICE</u> :

 RPP / Non-RPP:
 Non-RPP (Retailer)

 Consumption
 33,000 kWh

 Demand
 80 kW

 urrent Loss Factor
 1.0749

 roved Loss Factor
 1.0749

Current Loss Factor Proposed/Approved Loss Factor

	Current C	EB-Approve	d		Proposed		In	pact	]
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 186.77	1	\$ 186.77	\$ 189.01	1	\$ 189.01	\$ 2.24	1.20%	1
Distribution Volumetric Rate	\$ 3.9694	80	\$ 317.55	\$ 4.0170	80	\$ 321.36	\$ 3.81	1.20%	
Fixed Rate Riders	s -	1	\$ -	\$ -	1	\$ -	\$ -		
Volumetric Rate Riders	\$ 0.0378	80	\$ 3.02	-\$ 0.0210	80	\$ (1.68)	\$ (4.70)	-155.56%	
Sub-Total A (excluding pass through)			\$ 507.35			\$ 508.69	\$ 1.34	0.26%	1
Line Losses on Cost of Power	\$-	-	\$-	\$-	-	\$-	\$-		1
Total Deferral/Variance Account Rate	\$ 0.8608		\$ 68.86	¢ 0.0050	80	\$ (5.27)	\$ (74.14)	-107.66%	
Riders	\$ 0.8608	80	\$ 08.80	-\$ 0.0659	80	\$ (5.27)	\$ (74.14)	-107.00%	
CBR Class B Rate Riders	\$ -	80	\$-	\$ -	80	\$ -	\$ -		
GA Rate Riders	-\$ 0.0004	33,000	\$ (13.20)	-\$ 0.0024	33,000	\$ (79.20)	\$ (66.00)	500.00%	
Low Voltage Service Charge	\$ 1.0823	80	\$ 86.58	\$ 1.0823	80	\$ 86.58		0.00%	
Smart Meter Entity Charge (if applicable)			•				•		
, , , , , , , , , , , , , , , , , , ,	\$ -	1	\$ -	<b>\$</b> -	1	\$ -	\$ -		
Additional Fixed Rate Riders	s -	1	\$ -	s -	1	s -	\$ -		
Additional Volumetric Rate Riders		80	\$ -	\$ -	80	\$ -	\$ -		
Sub-Total B - Distribution (includes							A (400 TO)	04.070/	
Sub-Total A)			\$ 649.59			\$ 510.80	\$ (138.79)	-21.37%	
RTSR - Network	\$ 2.6235	80	\$ 209.88	\$ 2.7244	80	\$ 217.95	\$ 8.07	3.85%	
RTSR - Connection and/or Line and									
Transformation Connection	\$ 2.0297	80	\$ 162.38	\$ 2.2273	80	\$ 178.18	\$ 15.81	9.74%	In the manager's summary, discuss the
Sub-Total C - Delivery (including Sub-						* *	• "	44.05%	<b>.</b>
Total B)			\$ 1,021.85			\$ 906.94	\$ (114.91)	-11.25%	
Wholesale Market Service Charge		05 470	400.00		0.5 (50	A 100.00	٠	0.000/	
(WMSC)	\$ 0.0034	35,472	\$ 120.60	\$ 0.0034	35,472	\$ 120.60	\$ -	0.00%	
Rural and Remote Rate Protection		05 470	A 17.74				•	0.000/	
(RRRP)	\$ 0.0005	35,472	\$ 17.74	\$ 0.0005	35,472	\$ 17.74	ծ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	\$ 0.1101	35.472	\$ 3.905.43	\$ 0.1101	35,472	\$ 3.905.43	\$ -	0.00%	
								2.0070	1
Total Bill on Non-RPP Avg. Price	T		\$ 5,065.62			\$ 4,950.71	\$ (114.91)	-2.27%	1
HST	13%		\$ 658.53	13%		\$ 643.59		-2.27%	
Total Bill on Non-RPP Avg. Price	10,		\$ 5.724.15	.070		\$ 5.594.30		-2.27%	

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICAT	ION
RPP / Non-RPP:	Non-RPP (Retailer)	

 Customer Class:
 UNMETERED SCATT

 RPP / Non-RPP:
 Non-RPP (Retailer)

 Consumption
 400
 kWh

 Demand
 kW

 urrent Loss Factor
 1.0749
 roved Loss Factor

Current Loss Factor Proposed/Approved Loss Factor

Distribution Volumetric Rate       \$       0.0147       400       \$       5.88       \$       0.0149       400       \$       5.96       \$       0.08       1.36%         Fixed Rate Riders       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       0.001       \$       0.001       \$       0.004       \$       -       \$       0.001       \$       0.001       \$       0.001       \$       0.001       \$       0.004       \$       -       \$       \$       0.004       \$       -       \$       0.004       \$       -       \$       0.004       \$       -       \$       0.004       \$       -       \$       0.004       \$       -       \$       0.003       \$       0.006       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008       \$       0.008			Current OF	B-Approve	ł		Proposed		Im	pact	
Monthly Service Charge         S         21.48         S         1         S </th <th></th> <th></th> <th>Rate</th> <th>Volume</th> <th>Charge</th> <th>Rate</th> <th>Volume</th> <th>Charge</th> <th></th> <th></th> <th></th>			Rate	Volume	Charge	Rate	Volume	Charge			
Distribution Volumetric Rate         \$         0.0147         400         \$         5.88         \$         0.0149         \$         5.96         \$         0.08         1.36%           Volumetric Rate Riders         \$         0.0001         400         \$         0.04         \$         -         400         \$         -         \$         0.00         5.96         \$         0.08         1.36%           Volumetric Rate Riders         \$         0.0001         400         \$         0.04         \$         -         \$         5.96         \$         0.08         1.36%           Volumetric Rate Riders         \$         0.0011         30         \$         3.30         \$         0.1101         30         \$         3.30         \$         -         0.005%           Chall Gers/Warance Account Rate         \$         0.0012         400         \$         -         \$         -         400         \$         -         \$         -         0.005%         0.005%         0.005%         0.005         4.00         \$         -         \$         -         0.005%         0.005%         0.005%         0.005%         0.005%         0.005%         0.005%         0.005%         0.005% <th></th> <th></th> <th>(\$)</th> <th></th> <th>(\$)</th> <th>(\$)</th> <th></th> <th>(\$)</th> <th>\$ Change</th> <th>% Change</th> <th></th>			(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Find Rate Riders         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         1000           Sub-Total A (accluding pass through)         -         \$         6.900         \$         -         \$         5.96         \$         0.000         -         0.000%           Sub-Total A (accluding pass through)         -         \$         6.92         -         \$         6.960         \$         0.000%           Total Deform/Variance Account Rate         \$         0.1001         300         \$         3.30         \$         -         0.00%           CBR Class B Rate Riders         \$         -         400         \$         1.88         \$         0.0016         400         \$         -         6.10%           CBR Class B Rate Riders         \$         -         400         \$         -         \$         -         0.00%           GRA Tab Riders         \$         -         400         \$         -         \$         -         6.0005         -         0.00%           GRA Tab Riders         \$         -         1         \$         -         \$         -         0.00%         - <td>Monthly Service Charge</td> <td>\$</td> <td>21.48</td> <td></td> <td>\$ -</td> <td>\$ 21.74</td> <td></td> <td>\$-</td> <td>\$ -</td> <td></td> <td></td>	Monthly Service Charge	\$	21.48		\$ -	\$ 21.74		\$-	\$ -		
Volumetric Rate Riders         \$         0.001         400         \$         0.04         \$         -         \$         \$         0.000         \$         -         \$         \$         5.65         \$         0.040         0.00%           Line Losses on Cost of Power         \$         0.1101         30         \$         3.30         \$         0.1101         30         \$         3.30         \$         0.044         \$         0.00%           Total Deferral/Variance Account Rate         \$         0.0042         400         \$         1.68         \$         0.016         400         \$         0.64         \$         (1.04)         -61.90%           CBR Class B Rate Riders         \$         -         400         \$         -         \$         -         0.00%           CAR Validers         \$         -         400         \$         -         \$         -         0.00%           Sand Meter Enders         \$         -         1         \$         -         \$         -         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00% <td< td=""><td>Distribution Volumetric Rate</td><td>\$</td><td>0.0147</td><td>400</td><td>\$ 5.88</td><td>\$ 0.0149</td><td>400</td><td>\$ 5.96</td><td>\$ 0.08</td><td>1.36%</td><td></td></td<>	Distribution Volumetric Rate	\$	0.0147	400	\$ 5.88	\$ 0.0149	400	\$ 5.96	\$ 0.08	1.36%	
Sub-Total A (excluding pass through)	Fixed Rate Riders	\$	-		\$ -	\$ -		\$ -	\$ -		
Line Losses on Cost of Power       \$       0.1101       30       \$       3.30       \$       -       0.00%         Cital Deferral/Variance Account Rate       \$       0.0042       400       \$       1.68       \$       0.016       400       \$       0.64       \$       (1.04)       -61.90%         CBR Class B Rate Riders       \$       -       400       \$       -       \$       -       400       \$       -       400       \$       -       6400       \$       0.64       \$       (1.04)       -61.90%         CAR Class B Rate Riders       \$       -       400       \$       -       \$       -       400       \$       -       \$       -       0.00%         Smart Meter Entry Charge (if applicable)       \$       -       1       \$       -       \$       -       1       \$       -       \$       0.00%         Sub-Total A       S       -       1       \$       -       \$       -       1       \$       -       \$       -       0.00%       \$       -       \$       -       0.00%       \$       -       \$       0.00%       \$       -       0.00%       \$       1.6       \$ </td <td>Volumetric Rate Riders</td> <td>\$</td> <td>0.0001</td> <td>400</td> <td>\$ 0.04</td> <td>\$ -</td> <td>400</td> <td>\$ -</td> <td>\$ (0.04)</td> <td>-100.00%</td> <td></td>	Volumetric Rate Riders	\$	0.0001	400	\$ 0.04	\$ -	400	\$ -	\$ (0.04)	-100.00%	
Total Deferral/Variance Account Rate       \$       0.0042       400       \$       1.68       \$       0.0016       400       \$       0.64       \$       (1.04)       -61.90%         Riders       \$       -       400       \$       -       0.00%       \$       -       \$       -       0.00%       \$       -       \$       -       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00% </td <td>Sub-Total A (excluding pass through)</td> <td></td> <td></td> <td></td> <td>\$ 5.92</td> <td></td> <td></td> <td>\$ 5.96</td> <td>\$ 0.04</td> <td>0.68%</td> <td></td>	Sub-Total A (excluding pass through)				\$ 5.92			\$ 5.96	\$ 0.04	0.68%	
Riders       S       0.0042       400       S       1.068       S       0.0076       400       S       0.064       S       (1.04)       -61.90%         CBR Class B Rate Riders       \$       .       400       \$       .       .       \$       .       \$       .       \$       .       \$       .       .       \$       .       .       .       .       .       .       .       .       .       .       .	Line Losses on Cost of Power	\$	0.1101	30	\$ 3.30	\$ 0.1101	30	\$ 3.30	\$ -	0.00%	
Riders       \$       -       400       \$       -       \$       -       400       \$       -       \$       0.00%       \$	Total Deferral/Variance Account Rate			100			100		· (1.04)	04.000/	
GA Rate Riders       \$       -       400       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       0.0029       400       \$       1.16       \$       -       \$       -       0.003       \$       1.16       \$       -       0.003       \$       -       0.003       \$       -       0.003       \$       -       0.003       \$       -       0.003       \$       -       1       \$       -       \$       -       0.003       \$       -       0.003       \$       -       \$       -       0.003       \$       0.005       430       \$       2.15       \$       0.005       430       \$       2.36       \$       0.21       10.00%       \$       \$       0.00%       \$       0.21       \$       0.00%       \$       0.21       \$       0.00%       \$       0.21       \$       0.00%       \$       0.00%	Riders	\$	0.0042	400	\$ 1.68	\$ 0.0016	400	\$ 0.64	\$ (1.04)	-61.90%	
GA Rate Riders       \$       -       400       \$       -       \$       -       \$       -       \$       -       000       \$       -       \$       -       0.0029       400       \$       1.16       \$       -       \$       -       0.0029       400       \$       1.16       \$       -       \$       -       0.009       \$       1.16       \$       -       \$       -       0.009       \$       1.16       \$       -       \$       -       0.009       \$ <td></td> <td>\$</td> <td></td> <td>400</td> <td>\$ -</td> <td>\$ -</td> <td>400</td> <td>\$ -</td> <td>\$ -</td> <td></td> <td></td>		\$		400	\$ -	\$ -	400	\$ -	\$ -		
Sow Voltage Service Charge         \$         0.0029         400         \$         1.16         \$         0.008         \$         0.006           Smart Meter Entity Charge (if applicable)         \$         -         1         \$         -         1         \$         -         1         \$         -         \$         -         1         \$         -         \$         -         1         \$         -         \$         -         1         \$         -         \$         -         1         \$         -         \$         -         1         \$         -         \$         -         1         \$         -         \$         -         1         \$         -         \$         -         1         \$         -         \$         -         1         \$         -         \$         -         \$         -         \$         -         \$         -         0.000         \$         -         \$         1         \$         0.00         \$         0.000         \$         1         \$         0.00         \$         1         \$         0.00         \$         1         \$         0.00         \$         1         0         0.000         <		\$				\$ -		\$ -	\$ -		
Smart Meter Entity Charge (if applicable)       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       - </td <td>ow Voltage Service Charge</td> <td>ŝ</td> <td>0.0029</td> <td>400</td> <td>\$ 1.16</td> <td>\$ 0.0029</td> <td>400</td> <td>\$ 1.16</td> <td>\$ -</td> <td>0.00%</td> <td></td>	ow Voltage Service Charge	ŝ	0.0029	400	\$ 1.16	\$ 0.0029	400	\$ 1.16	\$ -	0.00%	
Additional Fixed Rate Riders       \$       -       1       \$       -       1       \$       -       \$       -       -       -       \$       -       -       \$       -       -       \$       - <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>											
Additional Volumetric Rate Riders       400       \$       -       Comparison of the content of the co	enarge (ir approable)	\$	-	1	\$-	\$-	1	\$-	\$ -		
Additional Volumetric Rate Riders       400       \$       -       Consection       \$       \$       0.0006       430       \$       2.15       \$       0.0055       430       \$       2.36       \$       0.1000       %       0.100       %       0.100       %       0.100       %       0.100       %       0.100       %       0.100<	Additional Fixed Rate Riders	\$	-	1	\$ -	s -	1	s -	\$ -		
Sub-Total B - Distribution (includes         \$ 12.06         \$ 11.06         \$ (1.00)         -8.29%           Sub-Total A         \$ 0.0065         430         \$ 2.79         \$ 0.0067         430         \$ 2.88         \$ 0.09         3.08%           RTSR - Network         \$ 0.0050         430         \$ 2.79         \$ 0.0055         430         \$ 2.88         \$ 0.09         3.08%           RTSR - Connection and/or Line and         \$ 0.0050         430         \$ 2.15         \$ 0.0055         430         \$ 2.36         \$ 0.21         10.00%           Transformation Connection         \$ 0.0050         430         \$ 2.15         \$ 0.0055         430         \$ 0.21         10.00%           Wholesale Market Service Charge         \$ 0.0034         430         \$ 1.46         \$ 0.0034         430         \$ 1.46         \$ 0.21         \$ 0.00%           WindSC)         \$ 0.0005         430         \$ 0.21         \$ 0.0005         430         \$ 0.21         \$ 0.00%           Kiral and Remote Rate Protection         \$ 0.0005         430         \$ 0.21         \$ 0.00%         \$ 0.00%         \$ 0.00%           Non-RPP Retailer Avg. Price         \$ 0.1101         400         \$ 44.04         \$ 0.1101         4000         \$ 44.04         \$ -		Ť		400		š -			\$ -		
Sub-Total A       S       12.00       S       11.00       S       (1.00)       -0.25%         RTSR - Network RTSR - Connection and/or Line and Transformation Connection       \$       0.0065       430       \$       2.79       \$       0.0067       430       \$       2.88       \$       0.09       3.08%         Sub-Total C - Delivery (including Sub- Total B)       \$       0.0050       430       \$       2.15       \$       0.0055       430       \$       2.36       \$       0.21       10.00%       In the manager's summary, discu         Sub-Total C - Delivery (including Sub- Total B)       \$       0.0034       430       \$       1.46       \$       0.0034       430       \$       0.004       430       \$       0.004       430       \$       0.004       430       \$       0.005       430       \$       0.004       430       \$       0.004       430       \$       0.004       430       \$       0.004       \$       0.005       430       \$       0.007       4.11%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%						Ŧ					
RTSR - Network       \$       0.0065       430       \$       2.79       \$       0.0067       430       \$       2.88       \$       0.09       3.08%         RTSR - Connection and/or Line and Transformation Connection       \$       0.0050       430       \$       2.15       \$       0.0055       430       \$       2.36       \$       0.21       10.00%       In the manager's summary, discu         Sub-Total C - Delivery (including Sub- Total B)       \$       0.0034       430       \$       1.46       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.0034       430       \$       0.101       \$       0.007       4.007       \$       0.007       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       0.00%       <					\$ 12.06			\$ 11.06	\$ (1.00)	-8.29%	
RTSR - Connection and/or Line and Transformation Connection       \$       0.0050       430       \$       2.15       \$       0.0055       430       \$       2.36       \$       0.21       10.00%       In the manager's summary, discussion         Transformation Connection       \$       0.0050       430       \$       2.15       \$       0.0055       430       \$       2.36       \$       0.21       10.00%       In the manager's summary, discussion         Sub-Total C - Delivery (including Sub- Total B)       \$       0.0034       430       \$       1.46       \$       0.0034       430       \$       1.46       \$       0.0034       430       \$       1.46       \$       0.0034       430       \$       1.46       \$       0.0034       430       \$       1.46       \$       0.004       \$       0.00%		\$	0.0065	430	\$ 2.79	\$ 0.0067	430	\$ 2.88	\$ 0.09	3.08%	
Transformation Connection       \$       0.0050       430       \$       2.15       \$       0.0055       430       \$       2.36       \$       0.21       10.00%       In the manager's summary, discu         Sub-Total C - Delivery (including Sub- Total B)       Control       \$       17.00       \$       16.30       \$       0.21       10.00%       In the manager's summary, discu         Sub-Total C - Delivery (including Sub- Total B)       \$       0.0034       430       \$       17.00       \$       \$       16.30       \$       0.21       \$       0.00%       4.11%         Wholesale Market Service Charge       \$       0.0003       430       \$       1.46       \$       0.0034       430       \$       1.46       \$       0.0034       430       \$       1.46       \$       0.003       430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$       0.430       \$		Ť			•				,		
Sub-Total C - Delivery (including Sub- total B).       \$ 17.00       \$ 16.30       \$ (0.70)       -4.11%         Wholesale Market Service Charge WMSC)       \$ 0.0034       430       \$ 1.46       \$ 0.0034       430       \$ 1.46       \$ 0.0034       430       \$ 0.0034       430       \$ 0.0034       430       \$ 0.0034       430       \$ 0.006       \$ 0.007       -4.11%         WMSC)       \$ 0.0034       430       \$ 0.0034       430       \$ 0.005       430       \$ 0.21       \$ 0.007       -4.11%         Standard Supply Service Charge       \$ 0.0005       430       \$ 0.21       \$ 0.0005       430       \$ 0.21       \$ -       0.00%         Non-RPP Retailer Avg. Price       \$ 0.1101       400       \$ 44.04       \$ 0.1101       400       \$ 44.04       \$ -       0.00%         HST       13%       \$ 62.72       \$ 62.02       \$ (0.70)       -1.11%		\$	0.0050	430	\$ 2.15	\$ 0.0055	430	\$ 2.36	\$ 0.21	10.00%	In the manager's summary discus
Total B)       V       S       17.00       S       16.30       S       (0.70)       4.11%         Wholesale Market Service Charge WMSC)       \$       0.0034       430       \$       1.46       \$       0.0034       430       \$       1.46       \$       0.0034       430       \$       0.00%         Rural and Remote Rate Protection (RRRP)       \$       0.0005       430       \$       0.21       \$       0.0005       430       \$       0.011       \$       0.00%         Standard Supply Service Charge       \$       0.1101       400       \$       44.04       \$       0.00%       \$       0.00%         Non-RPP Retailer Avg. Price       \$       0.1101       400       \$       44.04       \$       -       0.00%         HST       13%       \$       8.15       13%       \$       62.02       \$       (0.70)       -1.11%											in the manager e caninaly, alcoae
Wholesale Market Service Charge       \$       0.0034       430       \$       1.46       \$       1.46       \$       -       0.00%         (WMSC) (WMSC) (RrRP)       \$       0.000       430       \$       0.003       430       \$       1.46       \$       -       0.00%         Standard Supply Service Charge Non-RPP Retailer Avg. Price       \$       0.1101       400       \$       41.04       \$       0.00       \$       0.00%         Von-RPP Retailer Avg. Price       \$       0.1101       400       \$       0.1101       400       \$       44.04       \$       -       0.00%         Von-RPP Retailer Avg. Price       \$       0.1101       400       \$       0.1101       400       \$       44.04       \$       -       0.00%         HST       13%       \$       62.72       \$       0.00%       \$       0.111%       \$       0.00%       -1.11%					\$ 17.00			\$ 16.30	\$ (0.70)	-4.11%	
(WMSC)       *       0.0034       430       \$       1.40       \$		1.									
Rural and Remote Rate Protection (RRRP)     \$     0.0005     430     \$     0.21     \$     0.0005     430     \$     0.0005       Standard Supply Service Charge Non-RPP Retailer Avg. Price     \$     0.1101     400     \$     44.04     \$     0.000     \$     44.04     \$     0.000       Total Bill on Non-RPP Avg. Price HST     13%     \$     62.72     5     62.72     \$     0.000		\$	0.0034	430	\$ 1.46	\$ 0.0034	430	\$ 1.46	\$-	0.00%	
(RRRP)       \$       0.0005       4.30       \$       0.21       \$       0.0005       4.30       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.21       \$       0.00%       0.00%         Standard Supply Service Charge       \$       0.1101       400       \$       44.04       \$       0.1101       400       \$       44.04       \$       -       0.00%         Non-RPP Retailer Avg. Price       \$       62.72       \$       0.1101       400       \$       44.04       \$       -       0.00%         Total Bill on Non-RPP Avg. Price       \$       \$       8.15       13%       \$       8.06       \$       0.009       -1.11%         HST       13%       \$       8.15       13%       \$       8.06       \$       0.009       -1.11%					_						
Standard Supply Service Charge Non-RPP Retailer Avg. Price         \$         0.1101         400         \$         44.04         \$         0.1101         400         \$         44.04         \$         0.00%           Total Bill on Non-RPP Avg. Price         \$         62.72         \$         62.02         \$         (0.09)        1.11%           HST         13%         \$         8.15         13%         \$         8.06         \$         0.009)         -1.11%		\$	0.0005	430	\$ 0.21	\$ 0.0005	430	\$ 0.21	\$-	0.00%	
Non-RPP Retailer Avg. Price         \$         0.1101         400         \$         44.04         \$         -         0.00%           Total Bill on Non-RPP Avg. Price         \$         62.72         \$         62.02         \$         (0.70)         -1.11%           HST         13%         \$         8.15         13%         \$         8.06         \$         (0.00)         -1.11%											
State         State <th< td=""><td></td><td>e</td><td>0 1101</td><td>400</td><td>¢ 44.04</td><td>¢ 0.1101</td><td>400</td><td>\$ 44.04</td><td>¢</td><td>0.00%</td><td></td></th<>		e	0 1101	400	¢ 44.04	¢ 0.1101	400	\$ 44.04	¢	0.00%	
HST 13% \$ 8.15 13% \$ 8.06 \$ (0.09) -1.11%	NON-INFE INCLAIRED AVG. FILCE	Ŷ	0.1101	400	φ 44.04	φ 0.1101	400	φ 44.04	φ -	0.00%	
HST 13% \$ 8.15 13% \$ 8.06 \$ (0.09) -1.11%	Tetel Bill on Non BBD Aver Bride	-			¢ 62.72	1		¢ 62.02	¢ (0.70)	1 1 1 9/	
			100/			120/					
101al Bill on Non-KYY Avg. Yrice \$ 10.8 \$ (0.79) -1.11%			13%			13%					
	Total Bill on Non-KPP AVG. Price				ə /0.8/			ə 70.08	ə (0.79)	-1.11%	

Customer Class: STREET LI	GHTING	SERVICE CLASSIFICATIO	N						l				
RPP / Non-RPP: Non-RPP (	Other)												
	00 kWI	'n											
Demand	48 kW												
Current Loss Factor 1.0													
Proposed/Approved Loss Factor 1.0													
			B-Approve					Proposed				Impact	]
		Rate	Volume	Charge			Rate	Volume	Cha				1
		(\$)		(\$)			(\$)		(\$		\$ Change	% Change	
Monthly Service Charge	\$	2.26	503		36.78		2.29	503		1,151.87			
Distribution Volumetric Rate	\$	20.5456	48		86.19		20.7921	48		998.02		3 1.20%	د
Fixed Rate Riders	\$	-	503		-	\$		503		-	\$ -		
Volumetric Rate Riders	-\$	0.0393	48		(1.89)	-\$	0.2405	48		(11.54)	\$ (9.6		
Sub-Total A (excluding pass through)	_				21.08				\$	2,138.35		6 0.81%	4
Line Losses on Cost of Power	\$	-	-	\$	-	\$		-	\$	-	\$ -		
Total Deferral/Variance Account Rate	\$	0.9352	48	\$	44.89	\$	0.0083	48	\$	0.40	\$ (44.4	9) -99.11%	2
Riders CBR Class B Rate Riders			48	\$				40	•		¢.		
GA Rate Riders	Þ ¢	0.0004	30.000		- 12.00)	¢ ¢	0.0024	48 30,000	ъ e	(72.00)	\$ - \$ (60.0	500.00%	2
Low Voltage Service Charge	-9 e	0.8367	48		40.16		0.8367	48	¢.	40.16		0.00%	
Smart Meter Entity Charge (if applicable)	φ	0.8367	40	•	40.10	Ŷ	0.0307	40	φ	40.10	φ -	0.00 /	,
Smart Meter Entity Charge (II applicable)	\$	-	1	\$	-	\$		1	\$	-	\$-		
Additional Fixed Rate Riders	\$	-	1	\$	-	\$		1	\$		\$ -		
Additional Volumetric Rate Riders			48	\$	-	ŝ	-	48	ŝ	-	\$ -		
Sub-Total B - Distribution (includes									•		¢ (07.0		
Sub-Total A)				\$ 2,1	94.13				\$	2,106.91	\$ (87.2	3) -3.98%	<b>)</b>
RTSR - Network	\$	1.9786	48	\$	94.97	\$	2.0547	48	\$	98.63	\$ 3.6	5 3.85%	2
RTSR - Connection and/or Line and	\$	1.5691	48	¢ ·	75.32	s	1.7219	48	\$	82.65	\$ 7.3	3 9.74%	2
Transformation Connection	φ	1.3691	40	φ	15.52	φ	1.7219	40	φ	02.05	φ 1.5	9.747	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-				\$ 2.3	64.42				\$	2,288.18	\$ (76.2	4) -3.22%	
Total B)				φ 2,0	04.42				*	2,200.10	φ (/0.2	-0.22 /	_
Wholesale Market Service Charge	\$	0.0034	32,247	\$ 10	09.64	s	0.0034	32,247	\$	109.64	\$ -	0.00%	
(WMSC)			,	•		*		,	*		Ŧ		
Rural and Remote Rate Protection	\$	0.0005	32,247	\$	16.12	\$	0.0005	32,247	\$	16.12	\$ -	0.00%	5
(RRRP)		0.25	503	¢ 4	25.75		0.25	503		125.75	¢	0.00%	
Standard Supply Service Charge	\$												
Average IESO Wholesale Market Price	\$	0.1101	32,247	a 3,5	50.39	Þ	0.1101	32,247	Þ	3,550.39	ъ -	0.00%	
Total Bill on Average IESO Wholesale Market Price	-			\$ 6.1	66.33	r			¢	6,090.09	\$ (76.2	4) -1.24%	4
HST		13%			01.62		13%		¢.	791.71			
Total Bill on Average IESO Wholesale Market Price		13%			67.95		13%		ф С	6.881.80			
Total bill on Average 1230 Wholesale Market Price				φ 0,9	07.95		_		Ŷ	0,001.00	φ (00.1	-1.24%	<u> </u>

RPP / Non-RPP: <u>RPP</u> Consumption	234 kWh									
Demand	- kW									
	- KVV 1.0749									
	1.0749									
Proposed/Approved Loss Factor	1.0749									
		Current OF	B-Approved			Proposed		Im	pact	1
		Rate	Volume	Charge	Rate	Volume	Charge			
		(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$	32.11	1			1			13.17%	
Distribution Volumetric Rate	\$	0.0032	234			234		\$ (0.75)	-100.00%	
Fixed Rate Riders	\$	0.21		\$ 0.21	\$ 0.21	1		\$ -	0.00%	
Volumetric Rate Riders	\$	0.0001	234		\$ 0.0005	234			400.00%	
Sub-Total A (excluding pass through)				\$ 33.09			\$ 36.67		10.80%	4
Line Losses on Cost of Power	\$	0.0824	18	\$ 1.44	\$ 0.0824	18	\$ 1.44	\$ -	0.00%	
Total Deferral/Variance Account Rate	\$	0.0039	234	\$ 0.91	\$ 0.0012	234	\$ 0.28	\$ (0.63)	-69.23%	
Riders								,		
CBR Class B Rate Riders	\$	-	234		\$ -	234		\$ -		
GA Rate Riders	\$		234		\$ -			\$ -		
Low Voltage Service Charge	\$	0.0033	234	\$ 0.77	\$ 0.0033	234	\$ 0.77	\$-	0.00%	
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%	
Additional Fixed Rate Riders	\$	•	1	\$ -	ş -	1		\$ -		
Additional Volumetric Rate Riders			234	\$ -	\$-	234	\$-	\$ -		
Sub-Total B - Distribution (includes				\$ 36.79			\$ 39.73	\$ 2.94	8.00%	
Sub-Total A) RTSR - Network		0.0071	252	\$ 1.79	\$ 0.0074	252	\$ 1.86	\$ 0.08	4 0 2 9/	In the manager's summary, discuss the reas
RTSR - Connection and/or Line and	ð				-					
Transformation Connection	\$	0.0058	252	\$ 1.46	\$ 0.0064	252	\$ 1.61	\$ 0.15	10.34%	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-										<b>u u</b>
Total B)				\$ 40.04			\$ 43.20	\$ 3.17	7.92%	
Wholesale Market Service Charge								1		1
(WMSC)	\$	0.0034	252	\$ 0.86	\$ 0.0034	252	\$ 0.86	\$ -	0.00%	
Rural and Remote Rate Protection										
(RRRP)	\$	0.0005	252	\$ 0.13	\$ 0.0005	252	\$ 0.13	\$-	0.00%	
Standard Supply Service Charge	s	0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%	
TOU - Off Peak	ŝ	0.0650	152		\$ 0.0650	152		\$-	0.00%	
TOU - Mid Peak	ŝ	0.0940	40			40	\$ 3.74		0.00%	
TOU - On Peak	ŝ	0.1340	40			42			0.00%	
		0.1040	-72	÷ 0.04	÷ 0.1040	72		¥	0.00 //	i i
Total Bill on TOU (before Taxes)				\$ 60.54	1		\$ 63.71	\$ 3.17	5.24%	•
HST		13%		\$ 7.87	13%		\$ 8.28		5.24%	
8% Rebate		8%		\$ (4.84)	8%		\$ (5.10)		0.2470	
Total Bill on TOU		070		\$ 63.56	070		\$ 66.89		5.24%	

RPP / Non-RPP: Non-RPP (Retailer) Consumption 750 kWh Demand - kW Current Loss Factor 1.0749	Customer Class:	RESIDENTIAL	SERVICE CLASSIFICATION	
Demand KW Current Loss Factor 1.0749	RPP / Non-RPP:	Non-RPP (Reta	ailer)	
Current Loss Factor 1.0749	Consumption	750	kWh	
	Demand	-	kW	
	Current Loss Factor			
Proposed/Approved Loss Factor 1.0749	Proposed/Approved Loss Factor	1.0749		

	Current O	EB-Approve			Proposed		Im	pact	
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 32.11		\$ 32.11			\$ 36.34		13.17%	
Distribution Volumetric Rate	\$ 0.0032	750			750		\$ (2.40)	-100.00%	
Fixed Rate Riders	\$ 0.21	1		\$ 0.21		\$ 0.21	\$ -	0.00%	
Volumetric Rate Riders	\$ 0.0001	750		\$ 0.0005	750			400.00%	
Sub-Total A (excluding pass through)			\$ 34.80			\$ 36.93		6.12%	
Line Losses on Cost of Power	\$ 0.1101	56	\$ 6.18	\$ 0.1101	56	\$ 6.18	\$ -	0.00%	
Total Deferral/Variance Account Rate	\$ 0.0039	750	\$ 2.93	\$ 0.0012	750	\$ 0.90	\$ (2.03)	-69.23%	
Riders	\$ 0.0000		•	φ 0.0012			φ (2.03)	-03.2370	
CBR Class B Rate Riders	\$-	750	\$-	\$-		\$-	\$ -		
GA Rate Riders	-\$ 0.0004	750	\$ (0.30)		750	\$ (1.80)		500.00%	
Low Voltage Service Charge	\$ 0.0033	750	\$ 2.48	\$ 0.0033	750	\$ 2.48	\$-	0.00%	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	4	\$ 0.57	¢	0.00%	
	\$ 0.57		φ 0.57	φ 0.57		-	Ψ -	0.0070	
Additional Fixed Rate Riders	\$-	1	\$-	\$-		\$-	\$-		
Additional Volumetric Rate Riders		750	\$-	\$-	750	\$-	\$ -		
Sub-Total B - Distribution (includes			\$ 46.65			\$ 45.25	\$ (1.40)	-2.99%	
Sub-Total A)									
RTSR - Network	\$ 0.0071	806	\$ 5.72	\$ 0.0074	806	\$ 5.97	\$ 0.24	4.23%	In the manager's summary, discuss the reas
RTSR - Connection and/or Line and	\$ 0.0058	806	\$ 4.68	\$ 0.0064	806	\$ 5.16	\$ 0.48	10.34%	
Transformation Connection	* 0.0000	000	φ 4.00	φ 0.0004	000	÷ 0:10	φ 0.40	10.0470	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-			\$ 57.05			\$ 56.38	\$ (0.67)	-1.17%	
Total B)			¢ 07.00			¥ 00:00	φ (0.01)	-1.1770	
Wholesale Market Service Charge	\$ 0.0034	806	\$ 2.74	\$ 0.0034	806	\$ 2.74	\$ -	0.00%	
(WMSC)	• •••••	000	÷	• • • • • • • •		•	Ŷ	0.0070	
Rural and Remote Rate Protection	\$ 0.0005	806	\$ 0.40	\$ 0.0005	806	\$ 0.40	\$ -	0.00%	
(RRRP)	• 0.0000	000	φ 0.40	¢ 0.0000	000	ф 0. <del>4</del> 0	Ψ	0.0070	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%	
Total Bill on Non-RPP Avg. Price			\$ 142.77			\$ 142.10		-0.47%	
HST	13%		\$ 18.56	13%		\$ 18.47	\$ (0.09)	-0.47%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			\$ 161.33			\$ 160.57	\$ (0.76)	-0.47%	

RPP / Non-RPP: (Retailer)         Consumption       234       kWh         Demand       -       kW         Current Loss Factor       1.0749         Proposed/Approved Loss Factor       1.0749	Customer Class:	RESIDENTIAL	SERVICE CLASSIFICATION	
Demand - kW Current Loss Factor 1.0749	RPP / Non-RPP:	Non-RPP (Reta	ailer)	
Current Loss Factor 1.0749	Consumption	234	kWh	
	Demand	-	kW	
Proposed/Approved Loss Factor 1.0749	Current Loss Factor			
	Proposed/Approved Loss Factor	1.0749		

	Current O	EB-Approve			Proposed		Im	pact	
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 32.11		\$ 32.11			\$ 36.34		13.17%	
Distribution Volumetric Rate	\$ 0.0032	234			234		\$ (0.75)	-100.00%	
Fixed Rate Riders	\$ 0.21	1	\$ 0.21		1	\$ 0.21	\$ -	0.00%	
Volumetric Rate Riders	\$ 0.0001	234		\$ 0.0005	234			400.00%	
Sub-Total A (excluding pass through)			\$ 33.09			\$ 36.67		10.80%	
Line Losses on Cost of Power	\$ 0.1101	18	\$ 1.93	\$ 0.1101	18	\$ 1.93	\$ -	0.00%	
Total Deferral/Variance Account Rate	\$ 0.0039	234	\$ 0.91	\$ 0.0012	234	\$ 0.28	\$ (0.63)	-69.23%	
Riders	φ 0.0039	-	φ 0.91	\$ 0.0012		φ 0.20	φ (0.03)	-09.2370	
CBR Class B Rate Riders	\$-	234	\$-	\$ -		\$-	\$ -		
GA Rate Riders	-\$ 0.0004	234	\$ (0.09)		234	\$ (0.56)		500.00%	
Low Voltage Service Charge	\$ 0.0033	234	\$ 0.77	\$ 0.0033	234	\$ 0.77	\$ -	0.00%	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	4	\$ 0.57	¢	0.00%	
	φ 0.57	'	φ 0.57	φ 0.57		φ 0.57	φ -	0.00%	
Additional Fixed Rate Riders	\$-	1	\$-	\$-	1	\$-	\$-		
Additional Volumetric Rate Riders		234	\$-	\$ -	234	\$-	\$ -		
Sub-Total B - Distribution (includes			\$ 37.18			\$ 39.66	\$ 2.48	6.66%	
Sub-Total A)			•				•		
RTSR - Network	\$ 0.0071	252	\$ 1.79	\$ 0.0074	252	\$ 1.86	\$ 0.08	4.23%	In the manager's summary, discuss the reas
RTSR - Connection and/or Line and	\$ 0.0058	252	\$ 1.46	\$ 0.0064	252	\$ 1.61	\$ 0.15	10.34%	
Transformation Connection	* 0.0030	202	φ 1.+0	φ 0.000 <del>4</del>	232	φ 1.01	φ 0.15	10.3470	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-			\$ 40.43			\$ 43.13	\$ 2.70	6.68%	
Total B)			¥ +0.+0			¥ 40.10	¢ 2.10	0.0070	
Wholesale Market Service Charge	\$ 0.0034	252	\$ 0.86	\$ 0.0034	252	\$ 0.86	\$ -	0.00%	
(WMSC)	* 0.0004	202	φ 0.00	¢ 0.0004	202	¢ 0.00	Ŷ	0.0070	
Rural and Remote Rate Protection	\$ 0.0005	252	\$ 0.13	\$ 0.0005	252	\$ 0.13	¢	0.00%	
(RRRP)	\$ 0.0005	202	φ 0.15	φ 0.0003	232	φ 0.15	Ψ -	0.0070	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	\$ 0.1101	234	\$ 25.76	\$ 0.1101	234	\$ 25.76	\$ -	0.00%	
Total Bill on Non-RPP Avg. Price			\$ 67.17			\$ 69.87		4.02%	
HST	13%		\$ 8.73	13%		\$ 9.08	\$ 0.35	4.02%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			\$ 75.90			\$ 78.96	\$ 3.05	4.02%	

Customer Class:	Add additional scenarios if required							
RPP / Non-RPP:								
Consumption		kWh						
Demand		kW						
Current Loss Factor								
Proposed/Approved Loss Factor								

	Current OEB-Approved				Proposed	Impact		
	Rate	Volume	Charge	Rate	Volume	Charge		× 0
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge		1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate		0	\$ -		0	\$ -	\$ -	
Fixed Rate Riders		1	\$ -		1	\$ -	\$ -	
Volumetric Rate Riders		0	\$ -		0	\$-	\$-	
Sub-Total A (excluding pass through)			\$-			\$-	\$-	
Line Losses on Cost of Power	\$ 0.1101	-	\$-	\$ 0.1101	-	\$-	\$-	
Total Deferral/Variance Account Rate			\$ -			s -	\$-	
Riders		-	φ -		-	÷ -		
CBR Class B Rate Riders		-	\$-		-	\$-	\$-	
GA Rate Riders		-	\$ -		-	\$ -	\$ -	
Low Voltage Service Charge		-	\$ -		-	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)								
	\$-	1	\$ -	\$-	1	\$-	\$-	
Additional Fixed Rate Riders		1	\$ -		1	\$ -	\$ -	
Additional Volumetric Rate Riders		· ·	\$ -			\$ -	\$ -	
Sub-Total B - Distribution (includes			Ť		_	÷	- <del>-</del>	
Sub-Total A)			\$-			\$-	\$-	
RTSR - Network		-	\$-			s -	\$-	
RTSR - Connection and/or Line and		-			-	-		
Transformation Connection		-	\$-		-	\$-	\$-	
Pub Tatal O Daliana (including Out								
Sub-Total C - Delivery (including Sub-			\$-			\$-	\$ -	
Total B) Wholesale Market Service Charge								
	\$ 0.0034	-	\$-	\$ 0.0034	-	\$ -	\$ -	
(WMSC)								
Rural and Remote Rate Protection	\$ 0.0005	_	\$ -	\$ 0.0005	_	\$ -	\$ -	
(RRRP)						-	•	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	-	\$ -	\$ 0.0650	-	\$ -	\$ -	
TOU - Mid Peak	\$ 0.0940	-	\$-	\$ 0.0940	-	\$-	\$-	
TOU - On Peak	\$ 0.1340	-	\$-	\$ 0.1340	-	\$-	\$ -	
Non-RPP Retailer Avg. Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Bill on TOU (before Taxes)			\$ 0.25	1		\$ 0.25	\$-	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
8% Rebate	8%		\$ (0.02)			\$ (0.02)		
Total Bill on TOU	0.0		\$ 0.26	070		\$ 0.26		0.00%
			¢ 0.20			φ 0.20	Ψ -	0.0076
Total Bill on Non-RPP Avg. Price	1		\$ 0.25	1		\$ 0.25	s -	0.00%
HST	13%	1	\$ 0.03	13%		\$ 0.03		0.00%
8% Rebate	8%		φ 0.03	8%		φ 0.03	φ	0.00%
	8%		A	8%			•	0.000/
Total Bill on Non-RPP Avg. Price			\$ 0.28			\$ 0.28	ə -	0.00%
Total Bill on Average IESO Wholesale Market Price		1	\$ 0.25			\$ 0.25		0.00%
HST	13%	1	\$ 0.03	13%		\$ 0.03	\$-	0.00%
8% Rebate	8%			8%				
Total Bill on Average IESO Wholesale Market Price			\$ 0.28			\$ 0.28	\$-	0.00%

Cooperative Hydro Embrun Inc. EB-2019-0028 2020 IRM Application August 12, 2019

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## Appendix 5 2019 PDF of GA Workform

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👪 Ontario Energy Board

## GA Analysis Workform

Version 1.9

#### Account 1589 Global Adjustment (GA) Analysis Workform

Input cells Drop down cells

#### Utility Name COOPERATIVE HYDRO EMBRUN INC.

 Please select "Yes" in column D for any year being

 Note 1
 requested for disposition

20	4 No
20	5 No
20	6 No
20	7 No
20	8 Yes

#### Note 7 Summary of GA (if multiple years requested for disposition)

							Unresolved
							Difference as %
				Adjusted Net Change in			of Expected GA
		Net Change in Principal		Principal Balance in the	Unresolved	\$ Consumption at	Payments to
Year	Annual Net Change in Expected GA Balance from GA Analysis	Balance in the GL	<b>Reconciling Items</b>	GL	Difference	Actual Rate Paid	IESO
2018	\$ (6,690)	\$ 4,686	\$ (14,333)	\$ (9,647)	\$ (2,957)	\$ 375,018	-0.8%
Cumulative Balance	\$ (6,690)	\$ 4,686	\$ (14,333)	\$ (9,647)	\$ (2,957)	\$ 375,018	N/A

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed
	F	G	Н	l = F-G+H	J	K = I*J
January	428,357			428,357	0.08777	\$ 37,597
February	392,257			392,257	0.07333	\$ 28,764
March	382,310			382,310	0.07877	\$ 30,115
April	339,461			339,461	0.09810	\$ 33,301
Мау	274,372			274,372	0.09392	\$ 25,769
June	262,371			262,371	0.13336	\$ 34,990
July	277,631			277,631	0.08502	\$ 23,604
August	336,082			336,082	0.07790	\$ 26,181
September	327,167			327,167	0.08424	\$ 27,561
October	345,683			345,683	0.08921	\$ 30,838
November	386,819			386,819	0.12235	\$ 47,327
December	387,714			387,714	0.09198	\$ 35,662
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	4,140,224	-	-	4,140,224		\$ 381,709