# EXHIBIT 8 – RATE DESIGN

2018 Cost of Service

Cooperative Hydro Embrun Inc. EB-2017-0035

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#### 1 8.1 RATE DESIGN

#### 2 8.1.1 - OVERVIEW OF CURRENT RATES

CHEI's current 2017 rates were approved as part of the proceeding EB-2016-0063. CHEI applied
for distribution rate adjustments pursuant to the IRM process. The existing rate schedule is
presented in Appendix A.

In its decision, the OEB found that CHEI's rate application was filed in compliance with Chapter 3
of the Board's Filing Requirements for Transmission and Distribution Applications (the "Filing
Requirements"), which outlines the application filing requirements for IRM applications based on
the policies in the Reports. CHEI's rates were approved by the Board and rendered effective

- 10 January 1, 2017, remain in effect until new rates are approved.
- 11 The following matters were addressed in the decision:
- Rates were adjusted by a price escalator less a productivity factor less the stretch

factor. The Board established the price escalator to be 2.10%, the productivity factor
to be 0% and the stretch factor to be 0.15%, the resulting price cap index adjustment

- 15 was determined to be 1.95%.
- 16 Other matters addressed in the decision include; Retail Transmission Service Rates;
- 17 Wholesale Market Service Rate; Rural or Remote Rate Protection Charge; Smart
- 18 Meter Entity Charge; Specific Service, MicroFit, and Retail Service Charges.

19 Table 1 below summarizes these revenue projections, showing the proportions attributable to

- 20 fixed (monthly service) charges and variable (distribution volumetric) charges. Table 2 which
- 21 follows the Revenues from Existing Fixed and Variable Charges shows the current customer
- 22 classes. CHEI is not proposing any changes to its customer classes at this time.

#### 2017 Rates at 2018 Load Test Year Projected Revenue from Existing Variable Charges Transform. Transform. Net Variable Gross Transform. Test Year Customer Class Name Distribution Variable Allowance Variable per Allowance Allowance Volume Rate Revenue Rate kW's \$'s Revenue kWh 21,616,344 \$0.00 \$155,637.67 Residential \$0.0072 \$155,637.67 kWh General Service < 50 kW \$0.0148 5,043,563 \$74,644.73 \$0.00 \$74,644.73 kW 0.00 \$3.6957 12,736 \$47,068.45 \$0.00 \$47,068.45 General Service > 50 to 4999 kW kWh \$451.70 \$0.00 Unmetered Scattered Load \$0.0055 82,127 \$451.70 \$8.0867 kW 603 \$4,878.84 \$0.00 \$4,878.84 Street Lighting Total Variable Revenue 26,755,373 \$282,681.40 0 0 \$0.00 \$282,681.40 2017 Rates at 2018 Load Test Year Projected Revenue from Existing Fixed Charges Fixed % Variable Fixed Customers Variable % Fixed % Total Customer Class Name Charge TOTAL Rate (Connections) Revenue Revenue Revenue Revenue Revenue \$21.8700 2,100 \$155,637.67 \$706,761.67 77.98% 22.02% 77.72% Residential \$551,124.00 General Service < 50 kW \$17.9000 172 \$36,969.84 \$74,644.73 \$111,614.58 33.12% 66.88% 12.27% General Service > 50 to 4999 kW \$199.4500 9 \$21,540.60 \$47,068.45 \$68,609.05 31.40% 68.60% 7.54% 17 0.54% Unmetered Scattered Load \$21.1600 \$4,415.87 \$451.70 90.72% 9.28% \$4,867.57 Street Lighting \$1.9900 530 \$12,646.72 \$4,878.84 \$17,525.56 72.16% 27.84% 1.93%

Table 1 - Distribution Revenues at Current Rates – 2018 Volumes

2

Total Fixed Revenue

3

#### **Table 2 - Customer Classes**

\$626,697.03

\$282,681.40

\$909,378.43

2,828

Customer Class Name	Existing	Proposed	Status	MSC Metric	Usage Metric
Residential	YES	YES	Continued	Customer	kWh
General Service < 50 kW	YES	YES	Continued	Customer	kWh
General Service > 50 to 1499 kW	YES	YES	Continued	Customer	kW
Unmetered Scattered Load	YES	YES	Continued	Connection	kWh
Street Lighting	YES	YES	Continued	Connection	kW

#### 1 8.1.2 - RATE DESIGN POLICY CONSULTATION

On April 2, 2015, the Ontario Energy Board (OEB) issued a new rate design policy that aimed to change the way local distributors bill their residential customers. Distribution charges, currently a blend of fixed and variable (per kilowatt-hour) rates would be an entirely fixed monthly service charge by 2019. Fair billing, grid innovation and enabling customer uptake of new technologies are among the OEB's objectives for this change. Customers would also benefit with a better understanding of the service they receive, and the right bill signals will assist them with conservation decisions.

9 CHEI has implemented the fixed rate design policy in this application. In accordance with the

10 OEB's policy on Rate Design, the utility is opting to implement the rate design policy over a four

11 year period of which two years are left. CHEI has calculated a five year transition in an effort to

12 possibly mitigate the rates for the 10<sup>th</sup> percentile bill impacts. The table below shows a

13 comparison of the bill impacts for the 10<sup>th</sup> percentile using a 2 year remainder vs. a 3 year

14 remainder.<sup>1 2 3</sup> CHEI notes that the preferred option which is 2 remaining years, results in a

15 change in fixed rate of less than \$4. Bill impacts for this class (and all other classes) are

16 presented in Section 8.1.15 of this Exhibit.<sup>4</sup>

<sup>&</sup>lt;sup>1</sup> MFR - LDCs must propose changes to residential rates consistent with policy to transition to fully fixed monthly distribution service charge.

<sup>&</sup>lt;sup>2</sup> MFR - Proposal follows approach set out in Tab 12 of RRWF

<sup>&</sup>lt;sup>3</sup> MFR - If applicable, distributor with seasonal residential class must propose indentical rate design treatment for such a class (N/A)

<sup>&</sup>lt;sup>4</sup> Evidence showing that the monthly service charge would not rise by more than \$4 per year due only to the rate design change, and that the total bill impact, reflecting all proposed changes in the application, will not exceed 10%. If either of these criteria is not met, some form of mitigation may be required (i.e. extending transition period).

#### Table 3 – Rate Design Bill Impact Comparison

Class	Years left in transition to fixed rates	Change in Fixed Rate	Bill impacts @ 318 kWh	Bill impats @750 kWh
Residential	2	3.96	15.20%	6.84%
Residential	3	2.64	13.89%	6.71%

2

3 CHEI's notes that its proposed change in fixed rate does not exceed the \$4.00 threshold. The

4 resulting residential fixed charge is presented in Appendix 2-P at the next page.

5

#### Table 4 – OEB Appendix 2-P Residential Rate Design Calculation

Test Year Billing Determinants for Residential Class		
Customers 2,100		
kWh	21,616,344	

Proposed Residential Class Specific \$905,860.48 Revenue Requirement<sup>1</sup>

Residential Base Rates on Current Tariff			
Monthly Fixed Charge (\$) \$21.87			
Distribution Volumetric Rate (\$/kWh)	\$0.01		

6

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	\$21.87	\$2,100.00	\$551,124.00	77.98%
Variable	\$0.01	\$21,616,343.65	\$155,637.67	22.02%
TOTAL	-	-	\$706,761.67	-

C) Calculating Test Year Base Rates

Number of Required Rate Design	2
Policy Transition Years <sup>2</sup>	2

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$706,378.78	\$28.03	\$706,356.00
Variable	\$199,481.70	\$0.01	\$198,870.36
TOTAL	\$905,860.48	-	\$905,226.36

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	88.99%	\$806,119.63	\$31.99	\$806,148.00
Variable	11.01%	\$99,740.85	\$0.00	\$99,435.18
TOTAL	-	\$905,860.48	-	\$905,583.18

Checks <sup>3</sup>	
Change in Fixed Rate	\$3.96
Difference Between Revenues @	-\$277.30
Proposed Rates and Class Specific	¢0.00
Revenue Requirement	\$0.00

# 8.1.3 - COMPARISON OF FIXED AND VARIABLE CHARGES UNDER CURRENT AND PROPOSED RATES

- 3 Table 5 below shows the Minimum Fixed Rate and Maximum Fixed Rate as calculated by the
- 4 Cost Allocation process. Table 6 shows what the resulting rates would be if CHEI were to keep its
- 5 current fixed to variable split. Lastly, Table 7 shows the proposed rates after the utility adjusted
- 6 its fixed to variable split to fall within the minimum and maximum range.<sup>5</sup>

#### 7 Table 5 - Minimum and Maximum Fixed Charge as per the Cost Allocation Model

	Cost Allocation - Minimum Fixed Rate (b)			Cost Allo	ation - Maxiı Rate (b)	nun Fixed
Customer Class Name	Rate	Fixed %	Variable %	Rate	Fixed %	Variable %
Residential	\$8.86	24.64%	75.36%	\$23.26	64.72%	35.28%
General Service < 50 kW	\$7.59	15.49%	84.51%	\$21.68	44.28%	55.72%
General Service > 50 to 4999 kW	\$14.44	2.17%	97.83%	\$199.45	29.96%	70.04%
Unmetered Scattered Load	\$7.79	27.79%	72.21%	\$21.16	75.52%	24.48%
Street Lighting	\$0.63	17.37%	82.63%	\$4.08	111.98%	-11.98%

<sup>&</sup>lt;sup>5</sup> MFR - "The following is to be provided in relation to the fixed/variable proportion of proposed rates:

<sup>-</sup>Current F/V with supporting info

<sup>-</sup>Proposed F/V proportion with explanation for any changes (billing determinants from proposed load forecast)

<sup>-</sup>Comparison between current and proposed monthly fixed charges with the floor and ceiling as in cost allocation study Analysis must be net of rate adders, funding adders, and rate riders"

	Current Rat	tes and Fixed Split	to Variable	t	Rates at Current Fixed o Variable Spli	t
Customer Class Name	Rate	Fixed %	Variable %	Rate	Fixed %	Variable %
Residential	\$21.87	77.98%	22.02%	\$28.03	77.98%	22.02%
General Service < 50 kW	\$17.90	83.20%	16.80%	\$16.22	33.12%	66.88%
General Service > 50 to 4999 kW	\$199.45	31.40%	68.60%	\$209.03	31.40%	68.60%
Unmetered Scattered Load	\$21.16	90.72%	9.28%	\$25.42	90.72%	9.28%
Street Lighting	\$1.99	72.16%	27.84%	\$2.63	72.16%	27.84%

#### Table 6 - Current F/V split and Hypothetical Rates at Current F/V split

2

1

3 Following the adjustment of the revenue to cost ratios as described in Exhibit 7, certain classes

4 fell within the minimum and maximum fixed charge boundaries while others fell outside the

5 boundaries. CHEI's adjustment to its fixed to variable split involves the following steps:

- 6 1) Determining what the newly calculated rates would be if CHEI would keep its existing
  7 fixed to variable split (Table 7)
- 8 2) Look at each class individually to see if the rates fall within the Minimum and Maximum
  9 range (Table 6)
- 10 3) Adjust rates for each class accordingly.
- 4) (CHEI notes that this process does not apply to the Residential Class as it is subject to its
  own adjustment to 100% fixed rate.)
- 13 Table 7 below shows the Current fixed/variable proportion for each rate class, along with the
- 14 reconciliation to the Base Revenue Requirement.

	1	

Customer Class Name	Fixed	Var Rate	Fixed %	Variable	Rev Req
	Rate	%		%	
Residential	\$31.99	\$0.0046	88.99%	11.01%	905,860
General Service < 50 kW	\$21.68	\$0.0112	44.28%	55.72%	101,117
General Service > 50 to 4999 kW	\$199.45	\$3.9545	29.96%	70.04%	71,906
Unmetered Scattered Load	\$21.16	\$0.0174	75.52%	24.48%	5,847
Street Lighting	\$1.99	\$17.4164	54.62%	45.38%	23,154

#### Table 7 - 2018 Rates at F/V split<sup>6</sup>

2

#### 3 Residential

4 CHEI proposes to adjust its Residential Class fixed to variable rate closer to the 100% fixed rate.

5 The resulting split is 89% fixed to 11% variable. The resulting fixed rate is proposed to be

6 \$31.99.

#### 7 GS < 50 kW

- 8 For the General Service less than 50kW rate class, the split at current rates is 84% fixed to 16%
- 9 variable. Keeping the current F/V split would cause the fixed rate to exceed the maximum.
- 10 Therefore, CHEI proposed to adjust it to a ratio of 44% to 56%. The resulting fixed rate is
- 11 proposed to be \$21.68.

#### 12 GS > 50 kW

- 13 The current rates are for the General Service 50 4,999 kW is 30% fixed to 70% variable. Since
- 14 the calculated rates at current levels split fell outside the maximum boundary, CHEI opted to
- 15 keep the same fixed rates as current rates. This decision is in compliance with the requirements
- 16 which stated that "(If a distributor's current fixed charge is higher than the calculated ceiling,
- 17 there is no requirement to lower the fixed charge to the ceiling, nor are distributors expected to

<sup>&</sup>lt;sup>6</sup> MFR - Monthly fixed charges - 2 decimal places; variable charges - 4 decimal places

raise the fixed charge further above the ceiling.)" The resulting fixed to variable split is 24% fixed
to a 76% variable split. The resulting fixed rate is proposed to be \$199.45.

#### 3 Street Lighting

- 4 The fixed charge rates for the Street Lighting classes were set so as to maintain its existing rate.
- 5 This was done to minimize the Bill Impacts. The resulting Monthly Service Charge ("MSC") is a
- 6 slight increase from the currently approved rates and fall well within the boundaries produced
- 7 by the 2018 Cost Allocation model. The MSC is set at \$1.99.

#### 8 Unmetered Scattered Load

- 9 Similar to the GS > 50 Class, the rates at current levels split fell outside the maximum boundary.
- 10 Therefore, CHEI opted to keep the same fixed rates as current rates. The resulting fixed to
- 11 variable split is 76% fixed to a 24% variable split. The MSC is set at \$21.16.

#### 1 8.1.4 - RETAIL TRANSMISSION SERVICE RATES (RTSR)

- 2 Electricity distributors are charged for transmission costs at the wholesale level and
- 3 subsequently pass these charges on to their distribution customers through the RTSRs. Variance
- 4 accounts are used to capture timing differences and differences in the rate that a distributor
- 5 pays for wholesale transmission service compared to the retail rate that the distributor is
- 6 authorized to charge when billing its customers.
- 7 CHEI completed its 2018 proposed RTSR in accordance with the Guideline G-2008-0001:
- 8 Electricity Distribution Retail Transmission Service Rates, October 22, 2008 (and any subsequent
- 9 updates). The RTSR model provided by the Board is being filed in conjunction with this
- 10 application.
- 11 The trend indicates that the current rates result in slight under-collection for the Network
- 12 Service and slight over-collection for the Connection Service.
- 13 CHEI, therefore, proposes to adjust its RTSRs to offset the inequity in its existing retail rates.
- 14 Table 8 below presents the Applicant's existing versus its proposed RTSR for the Test Year. The
- 15 proposed rates are reflected in the Applicant's projected power supply expense for 2018 as
- 16 shown in Exhibit 3. Tables 9 through 11 show the historical transmission costs and revenues and
- 17 the derivation of the newly proposed rates. The OEB RTSR model was used to calculate the
- 18 proposed RTSR rates and has been filed in conjunction with this application and a PDF version
- 19 included in Appendice D of this Exhibit. <sup>7 8</sup>

<sup>&</sup>lt;sup>7</sup> MFR - Retail Transmission Service Rate Work Form - PDF and Excel

<sup>&</sup>lt;sup>8</sup> MFR - RTSR information must be consistent with working capital allowance calculation

#### Table 8 - Current vs Proposed RTSR Rates

work	
Existing	Proposed
Rate	Rate
0.0073	0.0075
0.0068	0.0069
2.7157	2.7724
0.0068	0.0069
2.0482	2.0910
ection	
Existing	Proposed
Rate	Rate
0.0057	0.0059
0.0050	0.0051
2.0225	2.0670
0.0050	0.0051
1.5636	1.5979
	Rate 0.0073 0.0068 2.7157 0.0068 2.0482 ection Existing Rate 0.0057 0.0050 2.0225 0.0050

2

#### Table 9 - Historical, Current and Forecasted Wholesale Comparison

#### Historical

Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,972	\$3.41	\$20,376.89	5,972	\$0.79	\$4,705.30	5,972	\$1.80	\$10,759.66	\$15,464.96
February	5,758	\$3.34	\$19,229.65	6,236	\$0.78	\$4,858.44	6,236	\$1.77	\$11,045.76	\$15,904.19
March	5,247	\$3.34	\$17,522.08	5,310	\$0.78	\$4,137.22	5,310	\$1.77	\$9,406.06	\$13,543.29
April	4,481	\$3.34	\$14,966.32	4,588	\$0.78	\$3,574.83	4,588	\$1.77	\$8,127.45	\$11,702.28
May	5,665	\$3.34	\$18,917.16	5,745	\$0.78	\$4,475.70	5,745	\$1.77	\$10,175.60	\$14,651.31
June	6,162	\$3.34	\$20,580.08	6,162	\$0.78	\$4,801.16	6,162	\$1.77	\$10,915.53	\$15,716.69
July	6,056	\$3.34	\$20,222.95	6,056	\$0.78	\$4,717.84	6,056	\$1.77	\$10,726.11	\$15,443.95
August	6,447	\$3.34	\$21,528.73	6,447	\$0.78	\$5,022.47	6,447	\$1.77	\$11,418.69	\$16,441.15
September	5,554	\$3.34	\$18,548.87	5,554	\$0.78	\$4,327.29	5,554	\$1.77	\$9,838.19	\$14,165.48
October	4,478	\$3.34	\$14,955.16	4,478	\$0.78	\$3,488.91	4,478	\$1.77	\$7,932.11	\$11,421.02
November	5,006	\$3.34	\$16,718.54	5,006	\$0.78	\$3,900.29	5,006	\$1.77	\$8,867.39	\$12,767.68
December	6,025	\$3.34	\$20,122.49	6,025	\$0.78	\$4,694.40	6,025	\$1.77	\$10,672.83	\$15,367.23
Total	66,851	\$3.35	\$223,688.93	67,580	\$0.78	\$52,703.86	67,580	\$1.77	\$119,885.38	\$172,589.24

3

4

#### Current

Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,972	\$3.41	\$20,376.89	5,972	\$0.79	\$4,705.30	5,972	\$1.80	\$10,760.26	\$15,465.56
February	5,758	\$3.34	\$19,229.65	6,236	\$0.78	\$4,858.44	6,236	\$1.77	\$11,045.76	\$15,904.19
March	5,247	\$3.34	\$17,522.08	5,310	\$0.78	\$4,137.22	5,310	\$1.77	\$9,406.06	\$13,543.29
April	4,481	\$3.34	\$14,966.32	4,588	\$0.78	\$3,574.83	4,588	\$1.77	\$8,127.45	\$11,702.28
May	5,665	\$3.34	\$18,917.16	5,745	\$0.78	\$4,475.70	5,745	\$1.77	\$10,175.60	\$14,651.31
June	6,162	\$3.34	\$20,580.08	6,162	\$0.78	\$4,801.16	6,162	\$1.77	\$10,915.53	\$15,716.69
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December	6,025	\$3.34	\$20,122.49	6,025	\$0.78	\$4,694.40	6,025	\$1.77	\$10,672.83	\$15,367.23
Total	66,851	\$3.35	\$223,688.93	67,580	\$0.78	\$52,703.86	67,580	\$1.77	\$119,885.98	\$172,589.84

5

1					F	orecast				
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,972	\$3.41	\$20,376.89	5,972	\$0.79	\$4,705.30	5,972	\$1.80	\$10,760.26	\$15,465.56
February	5,758	\$3.34	\$19,229.65	6,236	\$0.78	\$4,858.44	6,236	\$1.77	\$11,045.76	\$15,904.19
March	5,247	\$3.34	\$17,522.08	5,310	\$0.78	\$4,137.22	5,310	\$1.77	\$9,406.06	\$13,543.29
April	4,481	\$3.34	\$14,966.32	4,588	\$0.78	\$3,574.83	4,588	\$1.77	\$8,127.45	\$11,702.28
May	5,665	\$3.34	\$18,917.16	5,745	\$0.78	\$4,475.70	5,745	\$1.77	\$10,175.60	\$14,651.31
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July	6,056	\$3.34	\$20,222.95	6,056	\$0.78	\$4,717.84	6,056	\$1.77	\$10,726.11	\$15,443.95
August	6,447	\$3.34	\$21,528.73	6,447	\$0.78	\$5,022.47	6,447	\$1.77	\$11,418.69	\$16,441.15
September	5,554	\$3.34	\$18,548.87	5,554	\$0.78	\$4,327.29	5,554	\$1.77	\$9,838.19	\$14,165.48
October	4,478	\$3.34	\$14,955.16	4,478	\$0.78	\$3,488.91	4,478	\$1.77	\$7,932.11	\$11,421.02
November	5,006	\$3.34	\$16,718.54	5,006	\$0.78	\$3,900.29	5,006	\$1.77	\$8,867.39	\$12,767.68
December	6,025	\$3.34	\$20,122.49	6,025	\$0.78	\$4,694.40	6,025	\$1.77	\$10,672.83	\$15,367.23
Total	66,851	\$3.35	\$223,688.93	67,580	\$0.78	\$52,703.86	67,580	\$1.77	\$119,885.98	\$172,589.84
2										

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#### Table 10 - Billed Amounts under existing and proposed RTSR rates<sup>9</sup>

<u> Transmission – Network</u>

			2017			2018	
Customer							
Class Name		Volume	Rate	Amount	Volume	Rate	Amount
Residential	kWh	22,215,003	0.0073	\$162,709	22,548,045	0.0075	\$168,597
General Service < 50 kW	kWh	5,215,832	0.0068	\$35,393	5,260,949	0.0069	\$36,445
General Service > 50 to 4999 kW	kW	12,701	2.7157	\$34,491	12,736	2.7724	\$35,309
Unmetered Scattered Load	kWh	86,927	0.0068	\$590	85,667	0.0069	\$593
Street Lighting	kW	590	2.0482	\$1,208	603	2.0910	\$1,262
TOTAL		27,531,053		\$234,392	27,908,001		\$242,206
			_				
		<u>Transmissic</u>	on – Conno	<u>ection</u>			
			2017			2018	
Customer							
Class Name		Volume	Rate	Amount	Volume	Rate	Amount
Residential	kWh	22,215,003	0.0057	\$127,726	22,548,045	0.0059	\$132,492
General Service < 50 kW	kWh	5,215,832	0.0050	\$26,028	5,260,949	0.0051	\$26,830
General Service > 50 to 4999 kW	kW	12,701	2.0225	\$25,688	12,736	2.0670	\$26,326
Unmetered Scattered Load	kWh	86,927	0.0050	\$434	85,667	0.0051	\$437
Street Lighting	kW	590	1.5636	\$922	603	1.5979	\$964
TOTAL		27,531,053		\$180,798	27,908,001		\$187,049

2

<sup>&</sup>lt;sup>9</sup> MFR - RTSR information must be consistent with working capital allowance calculation

#### 1 8.1.5 - RETAIL SERVICE CHARGES

- 2 Retail services refer to services provided by a distributor to retailers or customers related to the
- 3 supply of competitive electricity as set out in the Retail Settlement Code ("RSC"). CHEI proposes
- 4 to maintain most of its current Retail Service Charges and Specific Service Charges in this
- 5 application with the exception of the Microfit Charge which is discussed further at Exhibit 3
- 6 Section 3.4.3 of Exhibit 3.
- 7 The following table shows the Retail Service Charges currently in effect and sought for approval
- 8 in this proceeding.<sup>10</sup>

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

<sup>&</sup>lt;sup>10</sup> MRF - If proposing changes to Retail Service Charges or introduction of new rates and charges - evidence of consultation and notice

- 1 8.1.6 WHOLESALE MARKET SERVICE RATE;
- 2 Wholesale Market Service Charges (WMS Charges) recover the cost of services required to
- 3 operate the electricity system and administer the wholesale market. These charges include the
- 4 costs of items such as operating reserve, certain market costs related to system congestion and
- 5 imports, as well as other costs, such as losses on the IESO-controlled grid.
- 6 Individual electricity distributors recover the WMS Charges from their customers through the
- 7 WMS rate, which is authorized by the Board under section 78 of the Act. The WMS rate appears

8 on the tariff sheets for all electricity distributors. WMS Charges are paid by all customers of the

- 9 wholesale electricity market, including electricity distributors, to the IESO.
- 10 These charges and customer payments are recorded in Account 1580 of the Uniform System of
- 11 Accounts. Any audited balances within Account 1580 are usually considered for disposition in
- 12 the distributor's next rates application.
- 13 On November 19, 2015, the Board issued a Decision with Reasons and Rate Order establishing
- 14 that the Wholesale Market Service rate ("WMS rate") used by rate regulated distributors to bill
- 15 their customers shall be \$0.0036 per kilowatt hour effective January 1, 2016. This unit rate shall
- 16 apply to a customer's metered energy consumption adjusted by the distributor's Board-
- 17 approved Total Loss Factor. In compliance with the Decision and Order above, CHEI is proposing
- 18 to maintain its existing Wholesale Market Service Charges at \$0.0036. CHEI proposes to recover
- 19 \$111K through the wholesale market service charge.<sup>11</sup>

<sup>&</sup>lt;sup>11</sup> MFR - Wholesale Market Service Rate - reflect current approved rate in application or justify otherwise.

#### Table 11 - Pass-thru revenues for Wholesale Market Service Rate

			2017			2018	
Customer			rate (\$/kWh):	0.0052		rate (\$/kWh):	0.0052
Class Name		Volume		Amount	Volume		Amount
Residential	kWh	22,215,003	0.00360	\$79,974	22,548,045	0.00360	\$81,173
General Service < 50 kW	kWh	5,215,832	0.00360	\$18,777	5,260,949	0.00360	\$18,939
General Service > 50 to 4999 kW	kWh	3,860,951	0.00360	\$13,899	2,949,371	0.00360	\$10,618
Unmetered Scattered Load	kWh	86,927	0.00360	\$313	85,667	0.00360	\$308
Street Lighting	kWh	406,995	0.00360	\$1,465	410,950	0.00360	\$1,479
TOTAL		31,785,708		\$114,429	31,254,982		\$112,518

#### 1 8.1.7 - RURAL OR REMOTE RATE PLAN;

The Rural or Remote Electricity Rate Protection (RRRP) program is designed to provide financial assistance to eligible customers located in rural or remote areas where the costs of providing electricity service to these customers exceed the costs of providing electricity to customers located elsewhere in the province of Ontario. The RRRP amounts collected by the IESO are remitted to Hydro One Networks Inc. (Hydro One). Hydro One is required by regulation to pay out the funds received from the IESO to distributors that have received approval for RRRP and to track any over or under collections.

9 Board established that the RRRP charge used by rate regulated distributors to bill their
10 customers should continue to be 0.0021 cents per kilowatt-hour, effective January 1, 2017. This
11 unit rate shall apply to a customer's metered energy consumption adjusted by the distributor's
12 Board-approved Total Loss Factor.

13 In compliance with the Decision and Order above, CHEI is proposing to increase its existing

14 RPPP from \$0.0013 to \$0.0021. CHEI proposes to recover \$64K through its RPPP charge.

#### Table 12 - Pass-thru revenues from RPPP

			2017			2018	
Customer			rate (\$/kWh):			rate (\$/kWh):	
Class Name		Volume		Amount	Volume		Amount
Residential	kWh	22,215,003	0.00130	\$28,880	22,548,045	0.00210	\$47,351
General Service < 50 kW	kWh	5,215,832	0.00130	\$6,781	5,260,949	0.00210	\$11,048
General Service > 50 to 4999 kW	kWh	3,860,951	0.00130	\$5,019	2,949,371	0.00210	\$6,194
Unmetered Scattered Load	kWh	86,927	0.00130	\$113	85,667	0.00210	\$180
Street Lighting	kWh	406,995	0.00130	\$529	410,950	0.00210	\$863
TOTAL		31,785,708		\$41,321	31,254,982		\$65,635

2

#### 3 8.1.8 - SMART METERING CHARGE

- 4 CHEI is proposing to maintain its existing Smart Meter Entity Charge ("SME"). The proposed rate
- 5 remains at \$0.79. The table below shows the projected revenues collected from the SME.
- 6

#### Table 13 - Pass-thru revenues From SME

			2017			2018	
Customer			rate (\$/kWh):			rate (\$/kWh):	
Class Name		Volume		Amount	Volume		Amount
Residential	Cust	2,040	0.79000	\$1,612	2,100	0.79000	\$19,908
General Service < 50 kW	Cust	168	0.79000	\$132	172	0.79000	\$1,632
General Service > 50 to 4999 kW	Cust	9	0.79000	\$7	9	0.79000	\$85
TOTAL		2,216		\$1,751	2,277		\$21,625

#### 1 8.1.9 - SPECIFIC SERVICE CHARGES

- 2 CHEI anticipates no material changes other than the MicroFit charge, to the following Specific
- 3 Service Charge ("SSC") revenue and proposes to maintain the current rates at existing levels
- 4 which are consistent with the OEB's Standard Rates. CHEI does not have any charges other than
- 5 the ones that are listed below and listed in the utility's tariff sheet<sup>12</sup>. Reconciliation between
- 6 Specific Service Charges and Other Revenues are presented at Exhibit 3. <sup>13</sup> CHEI is not
- 7 proposing any new SSC at this time.

#### 8

9

#### Table 14 - Specific Service Charges<sup>14</sup>

Customer Administration		
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Duplicate invoices for previous billing	S	15.00
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 charge - at meter during regular hours	S	25.00
Disconnect/reconnect charge - at meter after 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	s	50.00
Dther		
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)	\$	22.35

#### 10 8.1.10 - LOW VOLTAGE SERVICE RATES (WHERE APPLICABLE)

<sup>&</sup>lt;sup>12</sup> MFR - Identification of any rates and charges in Conditions of Service that do not appear on tariff sheet. Explain nature of costs, provide schedule outlining revenues or capital contributions 2012-2015, bridge and test years. Whether these charges should be included on tariff sheet.

<sup>&</sup>lt;sup>13</sup> MFR - Ensure revenue from SSCs corresponds with Operating Revenue evidence

<sup>&</sup>lt;sup>14</sup> MFR - Specific Service Charge description/purpose/reason for new and revised SSC; calculations to support charges

- Table 15 below shows the derivation of proposed retail rates for Low Voltage ("LV") service. The 1 2 2017-2018 estimates of total LV charges were calculated based on the last years of actual 3 charges from Hydro One. The reason for using 2016 is that Hydro One's LV charges increased 4 considerably in 2016 compared to 2015 and previous years therefore the utility felt that using 5 2016 would be more appropriate.<sup>15</sup> LV Charges are outside of the control of the utility. The rates charged by the host distributor are approved by the OEB through a rate application process.<sup>16</sup> 6 7 The projections were allocated to customer classes, according to each class' share of projected 8 Transmission-Connection revenue, in accordance with Board policy.<sup>17</sup> The resulting allocated LV 9 charges for each class were divided by the applicable 2018 volumes from the load forecast, as 10 presented in Exhibit 3. 11 Current LV revenues are recovered through a separate rate adder and therefore are not
- 12 embedded within the approved Distribution Volumetric rate. 2017 LV rates appear on a distinct
- 13 line item on the proposed schedule of rates.
- 14 The 2018 projected LV charges are based on an internal review of the historical charges.

<sup>&</sup>lt;sup>15</sup> MFR - Low Voltage Cost (historical, bridge, test), variances and explanations for substantive changes

<sup>&</sup>lt;sup>16</sup> MFR - Support for forecast LV, e.g. Hydro One Sub-Transmission charges

<sup>&</sup>lt;sup>17</sup> MFR - Allocation of LV cost to customer classes (typically proportional to Tx connection revenue)

#### Table 15 - Calculation of proposed Low Voltage Charges<sup>18</sup>

	2014	2015	2016	2017	2018
				avg	avg
4075-Billed - LV	\$66,955	\$64,899	\$53,630	\$61,828	\$61,828
4750-Charges - LV	\$72,735	\$71,341	\$82,149	\$90,279	\$98,400

2

#### Low Voltage Charges - Allocation of LV Charges based on Transmission Connection Revenues

Customer Class Name		RTSR Rate	Uplifted Volumes	Revenue	% Alloc
Residential	kWh	\$0.0059	22,548,045	\$132,492	70.83%
General Service < 50 kW	kWh	\$0.0051	5,260,949	\$26,830	14.34%
General Service > 50 to 4999 kW	kW	\$2.0670	12,736	\$26,326	14.07%
Unmetered Scattered Load	kWh	\$0.0051	85,667	\$437	0.23%
Street Lighting	kW	\$1.5979	603	\$964	0.52%
TOTAL			27,908,005	\$187,049	100.00%

Customer Class Name	% Allocation	Charges	Not Uplifted Volumes	Rate	per
Residential	70.83%	69,699	21,616,344	\$0.0032	kWh
General Service < 50 kW	14.34%	14,115	5,043,563	\$0.0028	kWh
General Service > 50 to 4999 kW	14.07%	13,849	2,827,501	\$0.0049	kW
Unmetered Scattered Load	0.23%	230	82,127	\$0.0028	kWh
Street Lighting	0.52%	507	393,969	\$0.0013	kW
TOTAL	100.00%	98,400	29,963,508		

#### 3 Low Voltage Charges to be added to power supply expense for bridge and test year.<sup>19</sup>

Customer			2017		2018		
Class Name		Volume	Rate	Amount	Volume	Rate	Amount
Residential	kWh	21,046,900	\$0.0018	\$37,884	21,616,344	\$0.0032	\$69,700
General Service < 50 kW	kWh	4,941,575	\$0.0016	\$7,907	5,043,563	\$0.0028	\$14,115
General Service > 50 to 4999 kW	kW	12,701	\$0.5928	\$7,529	2,827,501	\$0.0049	\$13,849
Unmetered Scattered Load	kWh	82,356	\$0.0016	\$132	82,127	\$0.0028	\$230
Street Lighting	kW	590	\$0.4583	\$270	393,969	\$0.0013	\$507
TOTAL		26,084,126		\$53,722	29,963,508		\$98,402

4

<sup>&</sup>lt;sup>18</sup> MFR - Forecast of LV cost, sum of host distributors charges

<sup>&</sup>lt;sup>19</sup> MFR - Proposed LV rates by customer class

#### 1 8.1.11 - LOSS ADJUSTMENT FACTORS

- 2 CHEI proposes a Total Loss Factor ("TLF") of 1.0431,<sup>20</sup> using the historical average of the last five
- 3 years as presented at Table 16<sup>21</sup>. The proposed TLF represents a decrease from its currently
- 4 approved TLF of 1.0663. CHEI notes that although it was not directed to conduct a line loss
- 5 study in its last Cost of Service, the utility makes a point of doing so prior to every Cost of
- 6 Service application. The study is presented as part of the DSP.<sup>22</sup>
- As an embedded distributor to Hydro One Networks Inc. ("HONI") CHEI uses the stardard SFLF
   of 0.0034.<sup>23</sup>
- 9 Table 16 on the next page presents the determination of the Applicant's loss adjustment factor.
- 10 The utility's proposed loss factor falls below the OEB's threshold of >5%, therefore not specific
- 11 action plan to reduce losses going forward is needed however. The utility is committed to
- 12 continuing its efforts to reduce or maintain its losses at a minimum. <sup>24</sup>

 $<sup>^{\</sup>rm 20}\,\rm MFR$  - Proposed SFLF and Total Loss Factor for test year

<sup>&</sup>lt;sup>21</sup> MFR - Explanation of SFLF if not standard

 $<sup>^{\</sup>rm 22}\,\rm MFR$  - Study of losses if required by previous decision

<sup>&</sup>lt;sup>23</sup> MFR - Statement as to whether LDC is embedded including whether fully or partially

<sup>&</sup>lt;sup>24</sup> MFR - If proposed loss factor >5%, explanation and action plan to reduce losses going forward

#### Table 16 – OEB Appendix 2-R Calculation of Proposed Loss Factor<sup>25</sup>

	Historical Years					
	2012	2013	2014	2015	2016	Average
Losses Within Distributor's System						
"Wholesale" kWh delivered to distributor (higher value)	-	-	-	-	-	-
'Wholesale" kWh delivered to distributor (lower value)	30,091,478	30,301,350	30,157,452	29,896,472	29,672,839	30,023,918
Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)	-	-	-	-	-	-
Net "Wholesale" kWh delivered to distributor = A(2) B	30,091,478	30,301,350	30,157,422	29,896,472	29,675,839	30,024,512
Retail" kWh delivered by distributor	29,115,342	29,088,283	28,976,657	28,755,563	28,472,872	28,881,743
Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)		-		-	-	-
Net "Retail" kWh delivered by distributor = <b>D</b> - <b>E</b>	29,115,342	29,088,283	28,976,657	28,755,563	28,472,872	28,881,743
Loss Factor in Distributor's system = <b>C / F</b>	1	1	1	1	1	1
Losses Upstream of Distributor's System	·	·	·		·	
Supply Facilities Loss Factor	1.0034	1.0034	1.0034	1.0034	1.0034	1.0034
Total Losses						
Total Loss Factor = <b>G x H</b>	1.0370	1.0452	1.0443	1.0432	1.0458	1.0431

 $<sup>^{\</sup>rm 25}$  MFR - 3-5 years of historical loss factor data - Completed Appendix 2-R

Cooperative Hydro Embrun Inc. EB-2017-0035 2018 Cost of Service Inc Exhibit 8 – Rate Design May 1, 2017

#### 1 8.1.12 - REVENUE RECONCILIATION<sup>26</sup>

- 2 OEB Appendix 2-V is which shows detailed calculations of revenue per rate class under current
- 3 rates and proposed rates by customer class, and a detailed reconciliation of rate class revenue
- 4 and other revenue to total revenue requirement.

<sup>&</sup>lt;sup>26</sup> MFR- Calculations of revenue per class under current and proposed rates; reconciliation of rate class revenue and other revenue to total revenue requirement

Cooperative Hydro Embrun Inc. EB-2017-0035 2018 Cost of Service Inc Exhibit 8 – Rate Design May 1, 2017

#### Table 17 – OEB Appendix 2-V - Revenue Reconciliation<sup>27</sup>

	Customers/		Test Year Con	sumption	Pr	roposed Ra	ites	Revenues	Revenues	Total	Class	Total	Difference
	Connections	Average	kWh	kW	Monthly	Volu	metric	at	at		Specific		
		_			Service			Proposed	Proposed		Revenue		
					Charge			Rates	Rates		Requirement		
						kWh	kW						
Residential	kWh	2,100	21,616,344	-	\$31.99	\$0.0046		\$806,148.00	\$99,712.48	\$905,860.48		\$905,860.48	\$0.00
General Service < 50 kW	kWh	172	5,043,563	-	\$21.68	\$0.0112		\$44,776.88	\$56,340.53	\$101,117.41		\$101,117.41	\$0.00
General Service > 50 to 4999 kW	kW	9	2,827,501	12,736	\$199.45		\$3.9545	\$21,540.60	\$50,365.01	\$71,905.61		\$71,905.61	\$0.00
Unmetered Scattered Load	kWh	17	82,127	-	\$21.16	\$0.0174		\$4,415.87	\$1,431.59	\$5,847.45		\$5,847.45	\$0.00
Street Lighting	kW	530	393,969	603	\$1.99		\$17.4164	\$12,646.72	\$10,507.59	\$23,154.31		\$23,154.31	\$0.00
Total								\$889,528.07	\$218,357.19	\$1,107,885.26	\$0.00	\$1,107,885.26	\$0.00

2

<sup>&</sup>lt;sup>27</sup> MFR - Completed RRWF - Sheet 13 - rates and charges entered on this sheet should be rounded to the same decimal places as tariff

Cooperative Hydro Embrun Inc.

#### 1 8.1.13 - TARIFF OF RATES AND CHARGES

- 2 The existing rate schedule is presented at Appendix A.<sup>28</sup> and the proposed rate schedule is
- 3 presented at Appendix B

#### 4 8.1.14 – CONDITIONS OF SERVICE

- 5 The utility updated its Conditions of Service in the spring of 2016. None of the updates made to
- 6 the Cost of Service affected the rates proposed in this application. <sup>29</sup>

<sup>&</sup>lt;sup>28</sup> MFR - Current and proposed Tariff of Rates and Charges filed in the Tariff Schedule/Bill Impacts Model - each change must be explained and supported in the appropriate section of the application

<sup>&</sup>lt;sup>29</sup> MFR - Explanation of changes to terms and conditions of service if changes affect application of rates

Cooperative Hydro Embrun Inc.

#### 1 8.1.15 - BILL IMPACT INFORMATION

Section 2.8.13 of the Minimum Filing Requirements state that distributors must provide bill
impacts for impact for a residential customer at the distributor's 10th consumption percentile. In
other words, 10% of a distributor's residential customers consume at or less than this level of
consumption on a monthly basis. In CHEI s case, the 10% percentile was calculated in the
following manner;

- The utility produced a report which included Residential Customer Number and their
  Monthly Consumptions.
- 9 The report filtered out customers that had less than 12 months of consumption and
  10 those that used less than 50 kWh per month.
- 11 The report was then sorted by lowest to highest consumption.
- The utility then calculate the 10th percentile by taking 10% of the customer count (or
   number of records in the report).
- The utility then found the record corresponding to this customer's consumption
   became the "ceiling" for the lowest 10th percentile.
- The 10th percentile was determined to be 310.<sup>30</sup>
- A list of bill impact scenario is presented at the next pages and actual bill impacts follow the
   table. <sup>31</sup>
- 19 Bill impacts are provided for typical customers and consumption levels for a range of
- 20 consumption levels relevant to the service territory. CHEI notes that it does not have any
- 21 customers with unique consumption and demand patterns where CHEI needs to show a typical
- impact and provide an explanation.<sup>32</sup> The impacts are shown using the CHEI's EB-2016-0000

<sup>&</sup>lt;sup>30</sup> MFR - Evaluation of bill impact for residential customer at 10th consumption percentile. Describe methodology for determination of 10th consumption percentile. File mitigation plan for whole residential class if impact >10% for these customers.

<sup>&</sup>lt;sup>31</sup> MFR - Impact of changes resulting from the as-filed application on representative samples of end-users (i.e. volume, % rate change and revenue). Commodity and regulatory charges held constant

<sup>&</sup>lt;sup>32</sup> MFR - If applicable, for certain classes where one or more customers have unique consumption and demand patterns, the distributor must show a typical impact and provide an explanation

- 1 current approved rates and the proposed 2018 Cost of Service distribution rates, including rate
- 2 riders for the recovery of deferral and variance accounts discussed in Exhibit 9.
- 3 CHEI notes that at the time of the filing, the OEB had not yet updated its Bill Impact Work Form
- 4 therefore had little choice but to use its own bill impacts which replicate an older format of the
- 5 OEB's calculation. <sup>33 34</sup> The utility's proposed bill impacts is presented in Appendix C of this
- 6 Exhibit.
- 7

Table 18 – Bill Impact Scenarios <sup>35</sup>
------------------------------------------------

Class	Consuption	Number of Customers (weighted)	του	RPP
Residential (10th percentile)	310 kWh/month	462	15.20%	15.72%
Residential	300-500 kWh/month	459	10.25%	10.66%
Residential	500-750 kWh/month	394	6.84%	7.01%
Residential	750-1000 kWh/month	757	4.89%	4.92%
Residential	1000-2000 kWh/month	119	1.58%	1.54%
General Service less than 50	2000 kWh/month	172	7.88%	7.67%
General Service over 50	80 kW/Month	9	-1.92%	1.90%
Unmetered Scattered Load	300 kWh/month	17 conn.	5.95%	6.10%
Street Lighting	48 kW/month	530 conn.	5.06%	4.95%
5.5				

\* There are 92 customer under 200kWh/month that are not illustrated in the above table

- 9 The Residential customer class does at the 10<sup>th</sup> percentile and the 750 kWh do not exceed the
- 10 10% threshold. The dollar change for the 10<sup>th</sup> consumption percentile is less than \$4.00.

<sup>&</sup>lt;sup>33</sup> MFR - Completed Bill Impacts Model for all classes in the distributor's tariff schedule. Bill impacts must identify existing rates, proposed changes to rates, and detailed bill impacts.

<sup>&</sup>lt;sup>34</sup> MFR - Rates and charges input in the tariff schedule and Bill Impacts Model rounded to the decimal places as shown on the existing tariff

<sup>&</sup>lt;sup>35</sup> Bill impacts provided for typical customers and consumption levels. Must provide residential 750 kWh, residential at the lowest 10th percentile and GS<50 2,000 kWh. Bill impacts must be provided for a range of consumption levels relevant to the service territory.

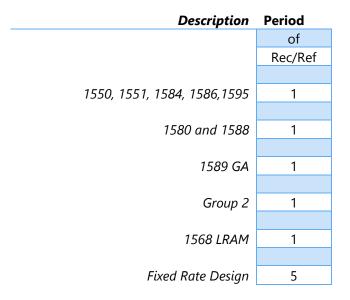
Cooperative Hydro Embrun Inc.

#### 1 8.1.16 - RATE MITIGATION/FOREGONE REVENUES

2 Neither a rate plan nor a mitigation plan are required as all of CHEI's bill impacts fall below the

- 3 10% threshold. <sup>36</sup>CHEI is not proposing any rate mitigation strategies or addressing any
- 4 foregone revenues for this application other than selecting longer transition periods for the
- 5 transition to fixed rate. This was done in an effort to minimize rate impacts-especially for the low
- 6 volume consumers. For the initial application, CHEI proposes the following disposition periods.
- 7 The utility fully expects that this may change throughout the application, during settlement or
- 8 post decision.
- 9

#### Table 19 - Table of Disposition Periods



10

<sup>11</sup> A Rate Harmonization Plans is not required in this case<sup>37</sup>

<sup>&</sup>lt;sup>36</sup> MFR - Mitigation plan if total bill increase for any customer class is >10% including: specification of class and magnitude of increase, description of mitigation measures, justification, revised impact calculation. The Tariff Schedule and Bill Impacts Model must reflect any mitigation plan proposed.

<sup>&</sup>lt;sup>37</sup> MFR - Rate Harmonization Plans, if applicable - including impact analysis

#### 1 **APPENDICES**

2

Appendix A	Existing Tariff Sheet
Appendix B	Proposed Tariff Sheet
Appendix C	Bill Impacts
Appendix D	PDF of RTSR

Cooperative Hydro Embrun Inc.

2018 Cost of Service Inc Exhibit 5 – Cost of Capital May 1, 2017

1

#### Appendix A Existing Tariff Sheet

Schedule A

To Decision and Rate Order Tariff of Rates and Charges OEB File No: EB-2016-0065 DATED: December 8, 2016

Effective and Implementation Date January 1, 2017 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2016-0065

# **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	\$	21.87
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0072
Low Voltage Service Rate	\$/kWh	0.0018
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057
MONTHLY RATES AND CHARGES - Regulatory Component		

## MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2017

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2016-0065

## **ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS**

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

## APPLICATION

The application of the charges are in accordance with the Distribution System Code (Section 9) and subsection 79.2(4) of the Ontario Energy Board Act, 1998.

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

In this class:

"Aboriginal person" includes a person who is a First Nations person, a Métis person or an Inuit person;

"account-holder" means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

"electricity-intensive medical device" means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

"household" means the account-holder and any other people living at the accountholder's service address for at least six months in a year, including people other than the account-holder's spouse, children or other relatives;

"household income" means the combined annual after-tax income of all members of a household aged 16 or over;

## MONTHLY RATES AND CHARGES

### Class A

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons; but does not include account-holders in Class E.

OESP Credit	\$ (30.00)
<ul> <li>Class B</li> <li>(a) account-holders with a household income of \$28,000 or less living in a household of three persons;</li> <li>(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;</li> <li>(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;</li> <li>but does not include account-holders in Class F.</li> </ul>	
OESP Credit	\$ (34.00)
<ul> <li>Class C</li> <li>(a) account-holders with a household income of \$28,000 or less living in a household of four persons;</li> <li>(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;</li> <li>(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more but does not include account-holders in Class G.</li> <li>OESP Credit</li> </ul>	(38.00)
Class D (a) account-holders with a household income of \$28,000 or less living in a household of five persons; and (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons; but does not include account-holders in Class H.	
OESP Credit	\$ (42.00)

(75.00)

\$

## Page 3 of 10

#### Cooperative Hydro Embrun Inc. TARIFF OF RATES AND CHARGES Effective and Implementation Date January 1, 2017 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors EB-2016-0065 Class E Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates. OESP Credit \$ (45.00)Class F (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons; (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions: i. the dwelling to which the account relates is heated primarily by electricity; ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates OESP Credit \$ (50.00)Class G Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates. **OESP** Credit \$ (55.00)Class H Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person ; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates. **OESP** Credit \$ (60.00)Class I Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit

Effective and Implementation Date January 1, 2017

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2016-0065

# 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.

Service Charge	\$	17.90
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0148
Low Voltage Service Rate	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036

Wholesale Market Service Rate	\$/KVVII	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2017

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2016-0065

# **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

## 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.

Service Charge Distribution Volumetric Rate Low Voltage Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kW \$/kW \$/kW	199.45 3.6957 0.5928 2.7157 2.0225
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2017 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2016-0065

# 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.

Service Charge (per customer)	\$	21.16
Distribution Volumetric Rate	\$/kWh	0.0055
Low Voltage Service Rate	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2017 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2016-0065

# 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.

Service Charge (per connection)	\$	1.99
Distribution Volumetric Rate	\$/kW	8.0867
Low Voltage Service Rate	\$/kW	0.4583
Retail Transmission Rate - Network Service Rate	\$/kW	2.0482
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5636
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2017 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2016-0065

# 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

5.40

\$

Effective and Implementation Date January 1, 2017

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2016-0065

# **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses - applied to measured demand and 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
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 charge - at meter during regular hours	\$	25.00
Disconnect/reconnect charge - at meter after 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)	\$	22.35
	-	

Effective and Implementation Date January 1, 2017

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2016-0065

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

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of 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	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

# LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0663
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0555

Schedule B

To Decision and Rate Order

List of Rates and Charges Not Affected by the Price Cap or Annual IR Index

OEB File No: EB-2016-0065

DATED: December 8, 2016

The following rates and charges are not affected by the Price Cap or Annual IR Index:

- Rate riders
- Rate adders
- Low voltage service charges
- Retail transmission service rates
- Wholesale market service rate
- Rural or remote electricity rate protection charge
- Standard supply service administrative charge
- Ontario Electricity Support Program
- Transformation and primary metering allowances
- Loss factors
- Specific service charges
- microFIT charge
- Retail service charges

1 2

## Appendix B Proposed Tariff Sheet

Cooperative	Hydro	Embrun	Inc.
TARIFF OF R	ATES AN	ID CHARG	FS

Effective and Implementation Date January 1, 2018 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. 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	\$	31.99
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0046
Rate Rider for Disposition of Deferral/Variance Accounts Balances (excluding Global Adj.) -effective until December 31, 2018	\$/kWh	0.0053
Rate Rider for Disposition of Deterral/Variance Accounts Balances (excluding Global Adj.) - NON-WMP - effective until December 31, 2018	\$/kWh	(0.0052)
Rate Rider for Disposition of RSVA - Power - Global Adjustment - NON-WMP - effective until December 31, 2018	\$/kWh	0.0076
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2018	\$	0.60
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective until December 31, 2018	\$/kWh	0.0004
Low Voltage Service Rate	\$/kWh	0.0032
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

#### EB-2017-0035

Cooperative Hydro Embrun Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

#### **ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS**

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

#### APPLICATION

The application of the charges are in accordance with the Distribution System Code (Section 9) and subsection 79.2(4) of the Ontario Energy Board Act, 1998.

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

#### In this class:

"Aboriginal person" includes a person who is a First Nations person, a Métis person or an Inuit person;

"account-holder" means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

"electricity-intensive medical device" means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

"household" means the account-holder and any other people living at the accountholder's service address for at least six months in a year, including people other than the account-holder's spouse,

children or other relatives;

"household income" means the combined annual after-tax income of all members of a household aged 16 or over;

#### MONTHLY RATES AND CHARGES

#### Class A

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;
 (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;
 (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and
 (d) account-holders with a household income of between \$48,001 and \$48,000 living in a household of seven or more persons; but does not include account-holders.

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons; but does not include account-holders in Class E.

OESP Credit	\$	(30.00)
Class B (a) account-holders with a household income of \$28,000 or less living in a household of three persons; (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons; (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons; but does not include account-holders in Class F.		
OESP Credit	\$	(34.00)
Class C (a) account-holders with a household income of \$28,000 or less living in a household of four persons; (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons; (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons; but does not include account-holders in Class G. OESP Credit	\$	(38.00)
Class D (a) account-holders with a household income of \$28,000 or less living in a household of five persons; and (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons; but does not include account-holders in Class H. OESP Credit	\$	(42.00)
Class E Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the arc	ccount relates.	
OESP Credit	\$	(45.00)
Class F (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons; (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:		
i, the dwelling to which the account relates is heated orimarily by electricity:		

i. the dwelling to which the account relates is heated primarily by electricity;
 ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or

iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates

OESP Credit \$ (50.00)

#### Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or

(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

\$

Effective and Implementation Date January 1, 2018 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2017-0035
Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:
(a) the dwelling to which the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.
Class I

OESP Credit

(75.00)

\$

# Cooperative Hydro Embrun Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

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## **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. 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	\$	21.68
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0112
Low Voltage Service Rate	\$/kWh	0.0028
Rate Rider for Disposition of Deferral/Variance Accounts Balances (excluding Global Adj.) -effective until December 31, 2018	\$/kWh	0.0053
Rate Rider for Disposition of Deferral/Variance Accounts Balances (excluding Global Adj.) - NON-WMP - effective until December 31, 2018	\$/kWh	(0.0052)
Rate Rider for Disposition of RSVA - Power - Global Adjustment - NON-WMP - effective until December 31, 2018	\$/kWh	0.0076
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2018	\$	0.70
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective until December 31, 2018	\$/kWh	0.0004
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

#### EB-2017-0035

# Cooperative Hydro Embrun Inc.

**TARIFF OF RATES AND CHARGES** 

Effective and Implementation Date January 1, 2018

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

EB-2017-0035

#### **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. 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 Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018 Rate Rider for Disposition of Deferral/Variance Accounts Balances (excluding Giobal Adj.) - effective until December 31, 2018 Rate Rider for Disposition of Deferral/Variance Accounts Balances (excluding Giobal Adj.) - effective until December 31, 2018 Rate Rider for Disposition of NSVA - Power - Giobal Adjustment - NON-WMP - effective until December 31, 2018 Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective until December 31, 2018 Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective until December 31, 2018 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	199.45 3.9545 0.0049 1.5251 (1.5016) 0.0076 23.66 0.1019 2.7724 2.0670
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate Rural or Remote Electricity Rate Protection Charge (RRRP) Ontario Electricity Support Program Charge (OESP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0036 0.0021 0.0011 0.25

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

### 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. 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 customer) Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2018 Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective until December 31, 2018 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kWh \$/kW \$/kWh \$/kWh \$/kWh	21.16 0.0174 0.0028 0.2739 0.0004 0.0069 0.0051
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate Rural or Remote Electricity Rate Protection Charge (RRRP) Ontario Electricity Support Program Charge (OESP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0036 0.0021 0.0011 0.25

#### EB-2017-0035

Effective and Implementation Date January 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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EB-2017-0035

### 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. 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.

Service Charge (per connection)	\$	1.99
Distribution Volumetric Rate	\$/kW	17.4164
Low Voltage Service Rate	\$/kW	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts Balances (excluding Global Adj.) -effective until December 31, 2018	\$/kWh	1.9284
Rate Rider for Disposition of Deterral/Variance Accounts Balances (excluding Global Adj.) - NON-WMP - effective until December 31, 2018	\$/kWh	(1.8986)
Rate Rider for Disposition of RSVA - Power - Global Adjustment - NON-WMP - effective until December 31, 2018	\$/kWh	0.0076
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2018	\$	0.05
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective until December 31, 2018	\$/kWh	0.1288
Retail Transmission Rate - Network Service Rate	\$/kW	2.0910
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5979
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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

\$

EB-2017-0035

Cooperative Hydro Embrun Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

ALLOWANCES Transformer Allowance for Ownership - per kW of billing demand/month Primary Metering Allowance for transformer losses - applied to measured demand and energy EB-2017-0035

\$/kW (0.6000) . % 1.00

Effective and Implementation Date January 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0035

### 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.

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Customer Administration		
Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
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 charge - at meter during regular hours	\$	25.00
Disconnect/reconnect charge - at meter after hours	\$	50.00
Disconnect/reconnect charge - at meter 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	\$	22.35

Effective and Implementation Date January 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0035

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

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of 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	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR) Request fee, per request, applied to the requesting party 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	\$	0.25 0.50
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

Effective and Implementation Date January 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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

1.0431 1.0555

EB-2017-0035

Cooperative Hydro Embrun Inc.

2018 Cost of Service Inc Exhibit 5 – Cost of Capital May 1, 2017

Appendix C	Bill Impacts
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2

1

## Customer Class: Residential

TOU / non-TOU: TOU

Consumption

310 kWh May 1 - October 31

O November 1 - April 30 (Select this radio button for applications filed after

		Current Board-Approved				Proposed						Impact				
		Rate		Rate Volume		Charge		Rate		Volume	Charge					
	Charge Unit		(\$)			(\$)			(\$)			(\$)		\$ C	hange	% Change
Monthly Service Charge	Monthly	\$	21.87	1	\$	21.87		\$	31.99	1		31.99		\$	10.12	46.27%
Distribution Volumetric Rate	per kWh	\$	0.0072	310		2.23		\$	0.0046	310		1.43		-\$	0.80	-35.93%
Sub-Total A (excluding pass the	rough)				\$	24.10					\$	33.42		\$	9.32	38.66%
Rate Rider Calculation for																
Deferral / Variance Accounts	per kWh			310	\$	-		\$	0.0053	310	\$	1.64		\$	1.64	
Balances (excluding Global	per kwin			010	Ψ			Ψ	0.0000	010	Ψ	1.04		Ψ	1.04	
Adj.)																
Rate Rider Calculation for																
Deferral / Variance Accounts	per kWh			310	\$	-		-\$	0.0052	310	-\$	1.61		-\$	1.61	
Balances (excluding Global	per kwin			010	Ψ			Ψ	0.0002	010	Ψ	1.01		Ψ	1.01	
Adj.) - NON-WMP																
Rate Rider Calculation for																
RSVA - Power - Global	per kWh			310				\$	0.0076	0	\$	-		\$	-	
Adjustment																
Rate Rider Calculation for	Monthly			310				\$	0.60	1	\$	0.60		\$	0.60	
Group 2 Accounts	Wontiny			010				Ψ	0.00		Ψ	0.00		Ψ	0.00	
Rate Rider Calculation for	per kWh			310	\$	-		\$	0.0004	310	\$	0.12		\$	0.12	
Accounts 1568																
Low Voltage Charges	per kWh	\$	0.0018	310	\$	0.56		\$	0.0032	310		1.00		\$	0.44	79.13%
Line Losses on Cost of Power	per kWh	\$	0.0979	20.553	\$	2.01		\$	0.0979	13.361		1.31		-\$	0.70	-34.99%
Smart Meter Entity Charge	per kWh	\$	0.7900	1	\$	0.79		\$	0.7900	1	\$	0.79		\$	-	
Sub-Total B - Distribution					\$	27.46					\$	37.27		\$	9.81	35.72%
(includes Sub-Total A)																
RTSR - Network	per kWh	\$	0.0073	331	\$	2.42		\$	0.0075	323	\$	2.42		-\$	0.00	-0.13%
RTSR - Line and	per kWh	\$	0.0057	331	\$	1.90		\$	0.0059	323	\$	1.90		-\$	0.00	-0.02%
Transformation Connection	por min	Ť	0.000.		Ť			Ŷ	0.0000	020	Ŷ			Ť	0.00	0.0270
Sub-Total C - Delivery					\$	31.78					\$	41.59		\$	9.81	30.86%
(including Sub-Total B)					Ť	••					Ť			•		
Wholesale Market Service	per kWh	\$	0.0036	331	\$	1.19		\$	0.0036	323	\$	1.16		-\$	0.03	-2.18%
Charge (WMSC)		Ť	0.0000		Ť			Ť	0.0000	020	Ť			Ť	0.00	2
Rural and Remote Rate	per kWh	\$	0.0021	331	\$	0.69		\$	0.0021	323	\$	0.68		-\$	0.02	-2.18%
Protection (RRRP)		Ť	0.002.		Ť	0.00		Ť	0.002.	020	Ť	0.00		Ť	0.02	2
Standard Supply Service	Monthly	\$	0.2500	1	\$	0.25		\$	0.2500	1	\$	0.25		\$	-	0.00%
Charge				-												
TOU - Off Peak	per kWh	\$	0.0770	198	\$	15.28		\$	0.0770	198		15.28		\$	-	0.00%
TOU - Mid Peak	per kWh	\$	0.1130	56	\$	6.31		\$	0.1130	56		6.31		\$	-	0.00%
TOU - On Peak	per kWh	\$	0.1570	56	\$	8.76		\$	0.1570	56		8.76		\$	-	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0910	310	\$	28.21		\$	0.0910	310		28.21		\$	-	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.1060	0	\$	-		\$	0.1060	0	\$	-		\$	-	
Total Bill on TOU (before					\$	64.26					\$	74.03		\$	9.77	15.20%
Taxes)		1			•									· ·		
HST			13%		\$	8.35			13%		\$	9.62		\$	1.27	15.20%
Total Bill (including HST)					\$	72.61					\$	83.65		\$	11.04	15.20%
Total Bill on RPP (before					\$	62.13					\$	71.89		\$	9.77	15.72%
Taxes)																
HST			13%		\$	8.08			13%		\$	9.35		\$	1.27	15.72%
Total Bill (including HST)					\$	70.20					\$	81.24		\$	11.04	15.72%
Loss Factor (%)		-	0.000/				1		/ 31%							

Loss Factor (%)

6.63%

4.31%

Customer Class: Residential

TOU / non-TOU: TOU

500 kWh O May 1 - October 31 Consumption

			Current Board-Approved		Proposed						Impact					
			Rate	Volume Charge		Rate Volume		Charge								
	Charge Unit		(\$)			(\$)			(\$)			(\$)			Change	% Change
Monthly Service Charge	Monthly	\$	21.87	1	-	21.87		\$	31.99	1	\$	31.99		\$	10.12	46.27%
Stranded Meter Rate Rider	Monthly			1	\$	-				1	\$	-		\$	-	
Distribution Volumetric Rate	per kWh	\$	0.0072	500		3.60		\$	0.0046	500	\$	2.31		-\$	1.29	-35.93%
Sub-Total A (excluding pass th	nrough)				\$	25.47					\$	34.30		\$	8.83	34.65%
Rate Rider Calculation for																
Deferral / Variance Accounts	per kWh			500	\$	-		\$	0.0053	500	\$	2.65		\$	2.65	
Balances (excluding Global																
Adj.) Rate Rider Calculation for																
Deferral / Variance Accounts																
Balances (excluding Global	per kWh			500	\$	-		-\$	0.0052	500	-\$	2.60		-\$	2.60	
Adj.) - NON-WMP																
Rate Rider Calculation for																
RSVA - Power - Global	per kWh			500				\$	0.0076	0	\$	-		\$	-	
Adjustment	portan							Ŷ	0.001.0	, i i i i i i i i i i i i i i i i i i i	Ť			Ť		
Rate Rider Calculation for																
Group 2 Accounts	Monthly			500				\$	0.60	1	\$	0.60		\$	0.60	
	per kWh			1	\$	-				1	\$	-		\$	-	
Rate Rider Calculation for				500				•	0.0004	500		0.00			0.00	
Accounts 1568	per kWh			500	\$	-		\$	0.0004	500	\$	0.20		\$	0.20	
Low Voltage Charges	per kWh	\$	0.0018	500	\$	0.90		\$	0.0032	500	\$	1.61		\$	0.71	79.13%
Line Losses on Cost of Power	per kWh	\$	0.0979	33.15	\$	3.24		\$	0.0979	21.55	\$	2.11		-\$	1.14	-34.99%
Smart Meter Entity Charge	per kWh	\$	0.7900	1	\$	0.79		\$	0.7900	1	\$	0.79		\$	-	
Sub-Total B - Distribution					\$	30.40					\$	39.66		\$	9.25	30.43%
(includes Sub-Total A)					φ	30.40					φ	39.00		φ	9.25	30.43 %
RTSR - Network	per kWh	\$	0.0073	533	\$	3.90		\$	0.0075	522	\$	3.90		-\$	0.01	-0.13%
RTSR - Line and	per kWh	\$	0.0057	533	\$	3.07		\$	0.0059	522	\$	3.06		-\$	0.00	-0.02%
Transformation Connection		Ψ	0.0007	000	Ψ	0.07		Ψ	0.0000	022	Ψ	0.00		Ŷ	0.00	0.02 /0
Sub-Total C - Delivery					\$	37.38					\$	46.62		\$	9.25	24.74%
(including Sub-Total B)					Ť						Ŧ			Ŧ		
Wholesale Market Service	per kWh	\$	0.0036	533	\$	1.92		\$	0.0036	522	\$	1.88		-\$	0.04	-2.18%
Charge (WMSC)																
Rural and Remote Rate	per kWh	\$	0.0021	533	\$	1.12		\$	0.0021	522	\$	1.10		-\$	0.02	-2.18%
Protection (RRRP)	Manthly															
Standard Supply Service	Monthly	\$	0.2500	1	\$	0.25		\$	0.2500	1	\$	0.25		\$	-	0.00%
Charge OESP	per kWh			500	¢					500	\$			\$	_	
TOU - Off Peak	per kWh	\$	0.0770	320		- 24.64		\$	0.0770	320	գ \$	- 24.64		э \$	-	0.00%
TOU - Mid Peak	per kWh	\$	0.1130	90		10.17		\$	0.1130	90		10.17		\$ \$	_	0.00%
TOU - On Peak	per kWh	\$	0.1150	90		14.13		\$	0.1150	90	\$	14.13		\$		0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0910	500		45.50		\$	0.0910	500		45.50		\$	-	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.1060		\$	-		\$	0.1060	0000	\$	-		\$	-	0.0070
	por ktrin	Ψ	0.1000	Ű	Ψ		_	Ψ	0.1000	Ű	Ψ		_	Ψ		
Total Bill on TOU (before		1						1								
Taxes)					\$	89.60					\$	98.79		\$	9.18	10.25%
HST			13%		\$	11.65			13%		\$	12.84	1	\$	1.19	10.25%
Total Bill (including HST)					\$	101.25			1070			111.63		\$	10.37	10.25%
( 11 3 1)					·						·					
Total Bill on TOU (including O	CEB)				\$	101.25					\$	111.63		\$	10.37	10.25%
Total Bill on RPP (before					¢	00.40					¢	05.05		¢	0.40	40.00%
Taxes)					\$	86.16					\$	95.35		\$	9.18	10.66%
HST			13%		\$	11.20			13%		\$	12.39		\$	1.19	10.66%
Total Bill (including HST)					\$	97.37					\$	107.74		\$	10.37	10.66%
Total Bill on RPP (including OC	CEB)				\$	97.37					\$	107.74		\$	10.37	10.66%
							_				_		_			
Loss Factor (%)			6.63%						4.31%							
				I						1						

Customer Class: Residential

TOU / non-TOU: TOU

750 kWh O May 1 - October 31 Consumption

		Current Board-Approved						P	roposed		Impact					
			Rate	Volume		Charge			Rate	Volume	C	harge				
	Charge Unit		(\$)			(\$)			(\$)			(\$)		\$ C	hange	% Change
Monthly Service Charge	Monthly	\$	21.87	1	\$	21.87		\$	31.99	1	\$	31.99		\$	10.12	46.27%
Stranded Meter Rate Rider	Monthly			1	\$	-				1	\$	-		\$	-	
Distribution Volumetric Rate	per kWh	\$	0.0072	750	\$	5.40		\$	0.0046	750	•	3.46		-\$	1.94	-35.93%
Sub-Total A (excluding pass the	rough)				\$	27.27					\$	35.45		\$	8.18	29.99%
Rate Rider Calculation for																
Deferral / Variance Accounts	per kWh			750	\$	-		\$	0.0053	750	\$	3.98		\$	3.98	
Balances (excluding Global																
Adj.) Rate Rider Calculation for																
Deferral / Variance Accounts																
Balances (excluding Global	per kWh			750	\$	-		-\$	0.0052	750	-\$	3.90		-\$	3.90	
Adj.) - NON-WMP																
Rate Rider Calculation for																
RSVA - Power - Global	per kWh			750				\$	0.0076	0	\$	-		\$	-	
Adjustment	·															
Rate Rider Calculation for	Monthly			750				\$	0.60	1	¢	0.60		¢	0.60	
Group 2 Accounts	Monthly			750				Ф	0.60	ļ	\$	0.60		\$	0.60	
	per kWh			1	\$	-				1	\$	-		\$	-	
Rate Rider Calculation for	per kWh			750	\$	_		\$	0.0004	750	\$	0.30		\$	0.30	
Accounts 1568																
Low Voltage Charges	per kWh	\$	0.0018	750		1.35		\$	0.0032	750		2.42		\$	1.07	79.13%
Line Losses on Cost of Power	per kWh	\$	0.0979	49.725	\$	4.87		\$	0.0979	32.325	\$	3.16		-\$	1.70	-34.99%
Smart Meter Entity Charge	per kWh	\$	0.7900	1	\$	0.79		\$	0.7900	1	\$	0.79		\$	-	
Sub-Total B - Distribution					\$	34.28					\$	42.80		\$	8.52	24.86%
(includes Sub-Total A) RTSR - Network	per kWh	\$	0.0073	800	\$	5.86		\$	0.0075	782	\$	5.85		-\$	0.01	-0.13%
RTSR - Line and												5.65			0.01	
Transformation Connection	per kWh	\$	0.0057	800	\$	4.60		\$	0.0059	782	\$	4.60		-\$	0.00	-0.02%
Sub-Total C - Delivery					•						•			•		10.000
(including Sub-Total B)					\$	44.73					\$	53.24		\$	8.51	19.03%
Wholesale Market Service	per kWh	\$	0.0036	800	¢	2.88		\$	0.0036	782	\$	2.82		-\$	0.06	-2.18%
Charge (WMSC)		Ψ	0.0000	000	Ψ	2.00		Ψ	0.0000	102	Ψ	2.02		-ψ	0.00	-2.1070
Rural and Remote Rate	per kWh	\$	0.0021	800	\$	1.68		\$	0.0021	782	\$	1.64		-\$	0.04	-2.18%
Protection (RRRP)		Ŷ	0.0021	000	Ŷ	1.00		Ŷ	0.0021	102	Ψ	1.01		Ŷ	0.01	2.10%
Standard Supply Service	Monthly	\$	0.2500	1	\$	0.25		\$	0.2500	1	\$	0.25		\$	-	0.00%
Charge				750				·		750						
OESP TOU - Off Peak	per kWh	¢	0.0770	750 480		- 36.96		\$	0.0770	750 480		- 36.96		\$ \$	-	0.00%
TOU - OII Peak TOU - Mid Peak	per kWh per kWh	\$ \$	0.0770	480		30.90 15.26		э \$	0.0770	480		36.96 15.26		ծ \$	-	0.00%
TOU - Mid Peak TOU - On Peak	per kWh	э \$	0.1130	135		21.20		ъ \$	0.1130	135		21.20		ъ \$	-	0.00%
Energy - RPP - Tier 1	per kWh	φ \$	0.0910	600		54.60		\$	0.0910	600		54.60		\$ \$	-	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.1060	150		15.90		\$	0.1060	150		15.90		\$	-	0.00%
		Ψ	0.1000	100	Ψ	10.00		Ψ	0.1000	100	Ψ	10.00		Ψ		0.00 //
Total Bill on TOU (before						400.05					~	404.00		¢		<b>6</b> 6 4 4 4
Taxes)					\$	122.95					\$	131.36		\$	8.41	6.84%
HST			13%		\$	15.98			13%		\$	17.08		\$	1.09	6.84%
Total Bill (including HST)					\$	138.93					\$	148.44		\$	9.51	6.84%
Total Bill on TOU (including OC	EB)				\$	138.93					\$	148.44	_	\$	9.51	6.84%
Total Bill on RPP (before																
Taxes)		1			\$	120.04		1			\$	128.45		\$	8.41	7.01%
HST		1	13%		\$	15.61		1	13%		\$	16.70		\$	1.09	7.01%
Total Bill (including HST)		1	1070		\$	135.65		1	1070			145.15		\$	9.51	7.01%
											Ċ			•		
Total Bill on RPP (including OC	EB)				\$	135.65					\$	145.15		\$	9.51	7.01%
Loss Factor (%)			6 600/						4.31%	1						
· · /			6.63%						4.0170							
				-						-						

Customer Class: Residential

TOU / non-TOU: TOU

1,000 kWh May 1 - October 31 Consumption

		Current Board-Approved				ved			P	roposed	Impact				
			Rate	Volume		Charge			Rate	Volume	С	harge			
	Charge Unit		(\$)			(\$)			(\$)			(\$)	\$ C	hange	% Change
Monthly Service Charge	Monthly	\$	21.87	1	\$	21.87		\$	31.99	1	\$	31.99	\$	10.12	46.27%
Stranded Meter Rate Rider	Monthly			1	\$	-				1	\$	-	\$	-	
Distribution Volumetric Rate	per kWh	\$	0.0072	1000		7.20		\$	0.0046	1000	\$	4.61	-\$	2.59	-35.93%
Sub-Total A (excluding pass thr	ough)				\$	29.07					\$	36.60	\$	7.53	25.91%
Rate Rider Calculation for															
Deferral / Variance Accounts	per kWh			1000	\$	-		\$	0.0053	1000	\$	5.30	\$	5.30	
Balances (excluding Global															
Adj.) Rate Rider Calculation for															
Deferral / Variance Accounts															
Balances (excluding Global	per kWh			1000	\$	-		-\$	0.0052	1000	-\$	5.20	-\$	5.20	
Adj.) - NON-WMP															
Rate Rider Calculation for															
RSVA - Power - Global	per kWh			1000				\$	0.0076	0	\$	-	\$	-	
Adjustment								, i		-			•		
Rate Rider Calculation for	Mandala			4000				¢	0.00	4	¢	0.00	¢	0.00	
Group 2 Accounts	Monthly			1000				\$	0.60	1	\$	0.60	\$	0.60	
	per kWh			1	\$	-				1	\$	-	\$	-	
Rate Rider Calculation for	per kWh			1000	\$	_		\$	0.0004	1000	\$	0.40	\$	0.40	
Accounts 1568						-									
Low Voltage Charges	per kWh	\$	0.0018	1000		1.80		\$	0.0032	1000	\$	3.22	\$	1.42	79.13%
Line Losses on Cost of Power	per kWh	\$	0.0979	66.3		6.49		\$	0.0979	43.1	\$	4.22	-\$	2.27	-34.99%
Smart Meter Entity Charge	per kWh	\$	0.7900	1	\$	0.79		\$	0.7900	1	\$	0.79	\$	-	
Sub-Total B - Distribution					\$	38.15					\$	45.94	\$	7.79	20.41%
(includes Sub-Total A)	a a a la A / la	¢	0.0070	4000	Ċ	7.04		¢	0.0075	1040	•	7.00		0.04	0.400/
RTSR - Network RTSR - Line and	per kWh	\$	0.0073	1066	\$	7.81		\$	0.0075	1043	\$	7.80	-\$	0.01	-0.13%
Transformation Connection	per kWh	\$	0.0057	1066	\$	6.13		\$	0.0059	1043	\$	6.13	-\$	0.00	-0.02%
Sub-Total C - Delivery															
(including Sub-Total B)					\$	52.09					\$	59.86	\$	7.77	14.93%
Wholesale Market Service	per kWh	\$	0.0036	1066	¢	3.84		\$	0.0036	1042	\$	2.76	-\$	0.00	2 1 9 9/
Charge (WMSC)		Ф	0.0036	1000	Ф	3.04		Э	0.0036	1043	Ф	3.76	- <b>⊅</b>	0.08	-2.18%
Rural and Remote Rate	per kWh	\$	0.0021	1066	¢	2.24		\$	0.0021	1043	¢	2.19	-\$	0.05	-2.18%
Protection (RRRP)		Ψ	0.0021	1000	Ψ	2.27		Ψ	0.0021	10-0	Ψ	2.15	-ψ	0.00	-2.1070
Standard Supply Service	Monthly	\$	0.2500	1	\$	0.25		\$	0.2500	1	\$	0.25	\$	-	0.00%
Charge		Ť	0.2000			0.20		Ť	0.2000			0.20			0.0070
OESP	per kWh			1000		-		•		1000		-	\$	-	0.000/
TOU - Off Peak	per kWh	\$	0.0770	640		49.28		\$	0.0770	640		49.28	\$	-	0.00%
TOU - Mid Peak	per kWh	\$	0.1130	180		20.34		\$	0.1130	180		20.34	\$	-	0.00%
TOU - On Peak Energy - RPP - Tier 1	per kWh	\$ \$	0.1570 0.0910	180 600		28.26 54.60		\$ \$	0.1570 0.0910	180 600	\$ \$	28.26 54.60	\$ \$	-	0.00% 0.00%
Energy - RPP - Tier 2	per kWh per kWh	э \$	0.0910	400		42.40		ф \$	0.1060	400	э \$	42.40	э \$	-	0.00%
		Ψ	0.1000	+00	Ψ	42.40	_	Ψ	0.1000	+00	Ψ	42.40	Ψ	-	0.0078
Total Bill on TOU (before		1						1							
Taxes)					\$	156.30					\$	163.94	\$	7.64	4.89%
HST			13%		\$	20.32			13%		\$	21.31	\$	0.99	4.89%
Total Bill (including HST)					\$	176.62						185.25	\$	8.64	4.89%
Total Bill on TOU (including OC	EB)				\$	176.62					\$	185.25	\$	8.64	4.89%
Total Bill on RPP (before					\$	155.42					\$	163.06	\$	7.64	4.92%
Taxes)			400/						400/			-			
HST Total Bill (including HST)			13%		\$ \$	20.20 175.62			13%		\$ ¢	21.20 184.26	\$ \$	0.99 8.64	4.92% 4.92%
Total Bill (including HST)					Þ	175.02					φ	104.20	Ф	0.04	4.92%
Total Bill on RPP (including OC	EB)				\$	175.62					\$	184.26	\$	8.64	4.92%
	,										*		÷		
Loss Factor (%)			6.63%						4.31%						
										l					

Customer Class: Residential

TOU / non-TOU: TOU

2,000 kWh OMay 1 - October 31 Consumption

		Current Board-Approved					P	roposed	Impact						
			Rate	Volume	(	Charge			Rate	Volume	C	harge			
	Charge Unit		(\$)			(\$)			(\$)			(\$)		hange	% Change
Monthly Service Charge	Monthly	\$	21.87	1	\$	21.87		\$	31.99	1	\$	31.99	\$	10.12	46.27%
Stranded Meter Rate Rider	Monthly	~		1	\$	-		-		1	\$	-	\$	-	05.000/
Distribution Volumetric Rate	per kWh	\$	0.0072	2000		14.40 36.27		\$	0.0046	2000	\$	9.23	-\$ \$	5.17	-35.93%
Sub-Total A (excluding pass thr	rougn)				\$	30.27					\$	41.22	2	4.95	13.64%
Rate Rider Calculation for Deferral / Variance Accounts															
Balances (excluding Global	per kWh			2000	\$	-		\$	0.0053	2000	\$	10.60	\$	10.60	
Adj.)															
Rate Rider Calculation for															
Deferral / Variance Accounts															
Balances (excluding Global	per kWh			2000	\$	-		-\$	0.0052	2000	-\$	10.40	-\$	10.40	
Adj.) - NON-WMP															
Rate Rider Calculation for															
RSVA - Power - Global	per kWh			2000				\$	0.0076	0	\$	-	\$	-	
Adjustment															
Rate Rider Calculation for	Monthly			2000				\$	0.60	1	\$	0.60	\$	0.60	
Group 2 Accounts				2000				Ŷ	0.00	-		0.00	-	0.00	
	per kWh			1	\$	-				1	\$	-	\$	-	
Rate Rider Calculation for	per kWh			2000	\$	-		\$	0.0004	2000	\$	0.80	\$	0.80	
Accounts 1568	nor k\A/b	¢	0.0018	2000	¢	2 60		¢	0.0032	2000	\$	6.45	¢	2.85	70 120/
Low Voltage Charges Line Losses on Cost of Power	per kWh	\$ \$	0.0018	2000 132.6		3.60 12.98		\$ \$	0.0032	2000 86.2	э \$	6.45 8.44	\$ -\$	2.65 4.54	79.13% -34.99%
Smart Meter Entity Charge	per kWh per kWh	э \$	0.0979	132.0	Դ Տ	0.79		э \$	0.0979	1	э \$	0.44 0.79	-⊅ \$	4.54	-34.99%
Sub-Total B - Distribution	perkwii	Ψ	0.7300	-	· ·			Ψ	0.7300					-	
(includes Sub-Total A)					\$	53.64					\$	58.49	\$	4.85	9.05%
RTSR - Network	per kWh	\$	0.0073	2133	\$	15.62		\$	0.0075	2086	\$	15.60	-\$	0.02	-0.13%
RTSR - Line and	per kWh	\$	0.0057	2133	¢	12.26		\$	0.0059	2086	\$	12.26	-\$	0.00	-0.02%
Transformation Connection	регкиин	φ	0.0057	2155	9	12.20		φ	0.0059	2000	Ģ	12.20	-φ	0.00	-0.02 %
Sub-Total C - Delivery					\$	81.52					\$	86.35	\$	4.83	5.92%
(including Sub-Total B)					Ŷ	01.02					Ŷ	00.00	•	-1.00	0.0270
Wholesale Market Service	per kWh	\$	0.0036	2133	\$	7.68		\$	0.0036	2086	\$	7.51	-\$	0.17	-2.18%
Charge (WMSC)															
Rural and Remote Rate	per kWh	\$	0.0021	2133	\$	4.48		\$	0.0021	2086	\$	4.38	-\$	0.10	-2.18%
Protection (RRRP) Standard Supply Service	Monthly														
Charge	wonuny	\$	0.2500	1	\$	0.25		\$	0.2500	1	\$	0.25	\$	-	0.00%
OESP	per kWh			2000	\$	_				2000	\$	_	\$	-	
TOU - Off Peak	per kWh	\$	0.0770	1280		98.56		\$	0.0770	1280	\$	98.56	\$	_	0.00%
TOU - Mid Peak	per kWh	\$	0.1130	360		40.68		\$	0.1130	360		40.68	\$	-	0.00%
TOU - On Peak	per kWh	\$	0.1570	360		56.52		\$	0.1570	360	\$	56.52	\$	-	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0910	600		54.60		\$	0.0910	600	\$	54.60	\$	-	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.1060	1400	\$	148.40		\$	0.1060	1400	\$	148.40	\$	-	0.00%
Total Bill on TOU (before					\$	289.69					\$	294.25	\$	4.56	1.58%
Taxes)											•				
HST			13%		\$	37.66			13%		\$	38.25	\$	0.59	1.58%
Total Bill (including HST)					\$	327.35					\$	332.50	\$	5.16	1.58%
Total Bill on TOU (including OC	ED)				\$	327.35					¢	332.50	\$	5.16	1.58%
	св)			_	φ	327.35	_				æ	332.50	ş	5.10	1.50%
Total Bill on RPP (before															
Taxes)					\$	296.93					\$	301.49	\$	4.56	1.54%
HST			13%		\$	38.60			13%		\$	39.19	\$	0.59	1.54%
Total Bill (including HST)					\$	335.53					\$	340.68	\$	5.16	1.54%
Total Bill on RPP (including OC	EB)				\$	335.53					\$	340.68	\$	5.16	1.54%
Loss Factor (%)			6.63%						4.31%	1					
			0.03%												

Customer Class: General Service < 50KW

TOU / non-TOU: TOU

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

		Currer	rrent Board-Approved			Proposed						Impact			ct
		Rate	Volume	-	Charge			Rate	Volume	(	Charge				
	Charge Unit	(\$)			(\$)			(\$)			(\$)			Change	% Change
Monthly Service Charge	Monthly	\$ 17.90	1	\$	17.90		\$	21.68	1	\$	21.68		\$	3.78	21.12%
Distribution Volumetric Rate	per kWh	\$ 0.0148	2000		29.60		\$	0.0112	2000	\$	22.34		-\$	7.26	-24.52%
Smart Meter Disposition Rider	per kWh		2000		-				2000	\$	-		\$	-	
LRAM & SSM Rate Rider	per kWh		2000	_	-				2000	\$	- 44.02		\$ -\$	3.48	-7.32%
Sub-Total A (excluding pass the Rate Rider Calculation for	rougn)			\$	47.50					\$	44.02		- <b>ə</b>	3.40	-1.32%
Deferral / Variance Accounts															
Balances (excluding Global	per kWh		2000	\$	-		\$	0.0053	2000	\$	10.60		\$	10.60	
Adj.)															
Rate Rider Calculation for															
Deferral / Variance Accounts			2000	¢			¢	0.0050	2000	¢	10.10		-\$	10.40	
Balances (excluding Global	per kWh		2000	\$	-		-\$	0.0052	2000	-\$	10.40		-Þ	10.40	
Adj.) - NON-WMP															
Rate Rider Calculation for															
RSVA - Power - Global			2000				\$	0.0076	0	\$	-		\$	-	
Adjustment															
Rate Rider Calculation for			2000				\$	0.6994	1	\$	0.70		\$	0.70	
Group 2 Accounts	n en L\A/h			¢					2000						
Data Didas Calculation for	per kWh		2000	\$	-				2000	\$	-		\$	-	
Rate Rider Calculation for	per kWh	\$ 0.0005	2000	\$	1.00		\$	0.0004	2000	\$	0.80		-\$	0.20	-20.00%
Accounts 1568	nork/M/b	\$ 0.0016	2000	\$	3.20		¢	0.0028	2000	\$	5.60		\$	2.40	74.91%
Low Voltage Charges Line Losses on Cost of Power	per kWh per kWh	\$ 0.0016 \$ 0.0979	132.6		3.20 12.98		\$ \$	0.0028	86.2	э \$			э -\$	2.40 4.54	-34.99%
Smart Meter Entity Charge	per kWh	\$ 0.7900	132.0		0.79		φ \$	0.7900	1	φ \$			-φ \$		-34.3370
Sub-Total B - Distribution	perkwii	φ 0.7500					Ψ	0.1500	1				-		
(includes Sub-Total A)				\$	65.47					\$	60.55		-\$	4.92	-7.52%
RTSR - Network	per kWh	\$ 0.0068	2133	\$	14.47		\$	0.0069	2086	\$	14.45		-\$	0.02	-0.13%
RTSR - Line and		\$ 0.0050	2133		10.64		\$	0.0051	2086	\$	10.64		-\$	0.00	-0.02%
Transformation Connection	per kWh	\$ 0.0050	2155	φ	10.04		Ą	0.0051	2000	Ą	10.04		- <b>⊅</b>	0.00	-0.02%
Sub-Total C - Delivery				\$	90.58					\$	85.64		-\$	4.95	-5.46%
(including Sub-Total B)	1.54/1			Ť						Ŧ					
Wholesale Market Service	per kWh	\$ 0.0036	0400	¢	7 00		\$	0.0036	2000	¢	7 54		¢	0.47	0.400/
Charge (WMSC)	por kM/b		2133	Ф	7.68				2086	Þ	7.51		-\$	0.17	-2.18%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0021	2133	¢	4.48		\$	0.0021	2086	¢	4.38		-\$	0.10	-2.18%
Standard Supply Service	Monthly		2100	Ψ	4.40				2000	Ψ	4.00		Ψ	0.10	-2.1070
Charge	Working	\$ 0.2500	1	\$	0.25		\$	0.2500	1	\$	0.25		\$	-	0.00%
OESP	per kWh		2000		-		*		2000	\$	-		\$	-	
TOU - Off Peak	per kWh	\$ 0.0770	1280		98.56		\$	0.0770	1280	\$	98.56		\$	-	0.00%
TOU - Mid Peak	per kWh	\$ 0.1130	360	\$	40.68		\$	0.1130	360	\$	40.68		\$	-	0.00%
TOU - On Peak	per kWh	\$ 0.1570	360	\$	56.52		\$	0.1570	360	\$	56.52		\$	-	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0910	600		54.60		\$	0.0910	600	\$	54.60		\$	-	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.1060	1400	\$	148.40		\$	0.1060	1400	\$	148.40		\$	-	0.00%
Total Bill on TOU (before				\$	298.75					\$	293.54		-\$	5.21	-1.74%
Taxes)		100						100/							
HST		13%	þ	\$	38.84			13%		\$	38.16		-\$	0.68	-1.74%
Total Bill (including HST)				\$	337.59					\$	331.70		-\$	5.89	-1.74%
Total Bill on TOU (including OC	EB)			\$	337.59					\$	331.70		-\$	5.89	-1.74%
	,			Ŧ						Ŧ			Ţ		
Total Bill on RPP (before				\$	305.99					\$	300.78		-\$	5.21	-1.70%
Taxes)				φ	305.99					φ	300.70		-φ	5.21	-1.70%
HST		13%	5	\$	39.78			13%		\$	39.10		-\$	0.68	-1.70%
Total Bill (including HST)				\$	345.77					\$	339.88		-\$	5.89	-1.70%
Total Bill on RPP (including OC	EB)			\$	345.77					\$	339.88		-\$	5.89	-1.70%
	.,			Ť	0.0.11					*			Ť	0.00	
			_												
Loss Factor (%)		6.63%	5					4.31%							

Customer Class: General Service 50kW to 2,999kW

Description         33.000         MM         Proposed         C         Image: Comparison of the comparis	TOU / non-TOU:	non-TOU		80	kW														
Rate         Volume         Charge Unit         Rate         Volume         Charge Unit         Rate         Volume         Charge Unit         Standard         Stan		Demand Consumption				1ay 1	- October 31			O Nover	mber 1 - April 3	30 (S	elect this radio	button for applications filed after Oct 31					
Charge Unit worthy Service Charge Monthly         (5)         (6)         (6)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)         (7)				Curren	t Board-App	rov	əd				Proposed			Г		Impa	ct		
Monthy Sam Meter Relader         Monthy Sam Meter Relader         Monthy Sam Meter Relader         Sam Met					Volume						Volume								
Smart Meter Rule Adde Standard Meter Rule Rider Output Visioner Rule Definal Visioner Rule Definal Visioner Rule Balances (excluding pass through)         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         <	Marthly Carries Charge	-	¢		4	¢			¢		4	¢				hange	<u> </u>		
Stranded Mater Rate Rider         Monthy Mark Meter Department         Nombia         1         S         -         S         3.0067         S         3.0065         S         1.001         S         3.0057         S         3.0057         S         3.0057         S         3.0057         S         3.0057         S         3.0057         S         3.001         S         1.001         S         1.001         S         1.001         S         1.001         S         0.011         S         0.011           Adjustment         Balances (acculation for per KWh         per KWh         S         0.195         0.007         S         0.011         S         0.011         S         0.011		wonuny	φ	199.45	1		199.45		φ	199.45			199.45			-	0.00%		
Distribution Volumetric Rate         per KW         \$ 3.6957         80 \$ \$         8 3.9545         80 \$ \$ 19.36         \$ 2.071         7.00%           Mater Rate Rate         per KW         \$ 3.6957         8 0 \$ \$         8 49511         -         80 \$ \$         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5         8 5		Monthly			1		-						-			-			
Smart Meter Disposition Filter         per kW         Solution for failer Rider Calculation for per kW         per kW         Solution for solution for per kW         solution for solution for per kW         solution for solution for per kW         solution for solution for per kW         solution for solution for solution for per kW         solution for solution for solution for per kW         solution for solution for per kW         solution for solution for per kW         solution for solution for per kW         solution for solution for solution for per kW         solution for solution for per kW         solution for solution for solution for solution for solution for per kW         solution for solution for solution for solution for solution for solution for solution for solution for functione for solution for solution for functione for solution for solution for solution for solution for functione for solution for solution for functione for solution for solution for functione for solution for solution for functione for solution for functione for solution for solution for functione for solution for functione for solution for functione for solution for functione fo	Smart Meter Disposition Rider				1		-				-		-			-			
LIAMA SSM Rate Rider         per KW          8          8          8          8          8          8          8          8          8          8          8          8          8          8          8          8          8          8          1          8          8          8          8          8          8          8          1          8          8          8          8          8          8          8          8          8          8          8          8          9          8          9          8          8          8          8          8          8          8			\$	3.6957			295.66		\$	3.9545			316.36			20.71	7.00%		
Sub-Total A (excluding pass through)         per kW         per kW         per kW         s         1.5251         80         5         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01         \$         122.01 <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>-</td> <td></td> <td></td> <td>-</td> <td></td>							-						-			-			
Rate Rider Calculation for Balance (excluding Global Ad.)         per kW Per kW Resta. Power - Global Ad.)         s         1.5251         Bo         S         1.22.01         S         1.22.01           Rate Rider Calculation for Per kW Resta. Power - Global Adjustment         per kW Resta. Power - Global Adjustment         80         S         -         S         1.5016         80         S         120.13         S         122.01           Rate Rider Calculation for Coroup 2 Accounts         per kW Resta. Power - Global Adjustment         80         S         -         S         0.0076         80         S         0.611         S         0.61           Rate Rider Calculation for Coroup 2 Accounts         per kW S         0.1864         80         S         2.36652         1         S         0.267         S         2.3.67           Rate Rider Calculation for Coroup 2 Accounts         per kW S         0.1860         S         15.63         0.0019         80         S         8.03         S         7.48         47.85%           Line Costage Charges Stand Mate Entription         s         0.0021         S         2.7727         80         S         2.7727         80         S         2.7727         80         S         1.8         2.2774         80         S					00		495.11				00		- 515.81			20.71	4.18%		
Belance (excluding Global Ad;) Rate Rider Calculation for Per KW Pate Rider Calculation for Per KW Rate Rider Calculation for Per KW S 0.1552 S 0.155 S 0.155 S 0.155 S 0.0076 S 0.155 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0076 S 0.0077 122 S 0.0077 122 S 0.0077 122 S 0.0077 122 S 0.0077 122 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0070 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000 S 0.0000						Ŧ						-							
Rate Rider Calculation for Defaral / Vaname Balances (excluding Global Alj. NON-WMP Rate Rider Calculation for Aljachment Rate Rider Calculation for per kWh         per kWh         S         0.1954         S         0.0076         B0         S         0.611         S         0.611           Rate Rider Calculation for Aljachment Rate Rider Calculation for per kWh         per kWh         S         0.1954         S         5         0.1019         80         S         8.         5.         -           Rate Rider Calculation for Group 2 Accounts         per kWh         S         0.1954         S         5.         0.1019         80         S         8.         8.         7.4         47.85%           Name Meter Calculation for Group 2 Accounts         per kW         S         0.1954         S         5.         0.0076         80         S         8.         7.4         47.85%           Sub-Total F. Distribution (Includes Sub-Total A)         per kW         S         2.7157         80         S         2.71726         S         2.71726         S         1.96.74         S         9.0276         S         9.0276         S         9.0276         S         9.0276         S         9	Balances (excluding Global				80	\$	-		\$	1.5251	80	\$	122.01	:	\$	122.01			
Belances (excluding Global A), NON/WP Rate Rider Calculation for Adjustment Rate Rider Calculation for per KWh Rate Rider Calculation for per KWh S 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.1994 8 0.00049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8 0.0049 8		per kW																	
Balance (excluation for Pate Rider Calculation for Adjus, NCN-Whoth Adjus, NCN-Whoth Sector Adjus, NCN-Whoth Sector Adjus, NCN-Whoth Sector Adjus, NCN-Whoth Sector Adjus, NCN-Whoth Sector Adjus, NCN-Whoth Sector Sector Adjus, NCN-Whoth Sector Sector Sector Adjus, NCN-Whoth Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector Sector					80	\$	-		-\$	1 5016	80	-\$	120 13	-3	\$	120 13			
Rate Rider Calculation for Adjustment       per kWn       per kWn       80       s       0.0076       80       s       0.0076       80       s       0.0176       s       0.017       s       0.0176       s       0.017       0.0176       0.0176       0.017       0.017       0.0176       0.0176       0.0176       0.017       0.017       0.017       0.017       0.017       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.0176       0.					00	Ý			Ŷ	1.0010	00	Ŷ	120.10		Ψ	120.10			
RSVA. Power-Global Adjustment Rate Rider Calculation for Group 2 Accounts         per kWh per kWh         per kWh s         0.1964         80         s         2.30652         1         s         2.307         S         3.300         s         4.10         4.78%         4.99.1%         S         0.491         3.009         s         3.009         s         3.0097         1.422         s         3.027         3.97%         3.97%         S         9.0021         S         7.108         S         2.077         8         7.90.08         s         2.077         8         2.077         3.97%         S         2.07%         3.97%         S         2.07%         3.97%         S         2.07% <th< td=""><td></td><td>ner kWh</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><td></td><td></td><td></td></th<>		ner kWh																	
Rate Rider Calculation for Croup 2 Accounts         per kWh         s         0.169         8.0         s         23.6652         1         S         23.677         S         2.3.677           Rate Rider Calculation for Accounts 1568         per kWh         S         0.1696         8.0         S         1.0119         80         S         0.1019         80         S         3.3000         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         -         S         S         0.019         8         S         0.019         8         S         0.019         8         S         0.019         8         S         0.019		por kum			80				\$	0.0076	80	\$	0.61	:	\$	0.61			
Group 2 Accounts         per kW         per kW         s         0.0195         8         2.3097         s         2.307         3         2.307         3         2.307         3.9917%         1.478.5%         1.0005         5         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016         1.0016																			
Group Accounts         per kW         s         o.1954         33000         s          s         o.1019         80         s         o.10119         80         s         o.10119         80         s         o.10119         80         s         o.10119         80         s         0.0019         1422.3         s         100.35         s         1.1706         S         0.1706         S         0.1005         S         1.1706         S         0.1026         S         1.1706         S         0.1007         0.1206         S         1.1206         S         0.1006         S		per kWh			80				\$	23.6652	1	\$	23.67		\$	23.67			
Rate Rider Calculation for Accounts 1668         per kW         \$         0.1954         80         \$         15.63         \$         0.011         80         \$         8.15         -5         7.48         4.7.85%           Low Voltage Charges         per kW         \$         0.5522         80         \$         47.42         \$         0.0049         80         \$         0.39         -5         47.03         -99.17%           Sub-Total Fourge         per kW         \$         0.1060         2.187.90         \$         2.319.20         \$         5         0.039         -5         47.03         -99.17%         -39.97%           Sub-Total Fourge         per kW         \$         2.21767         80         \$         2.1776         80         \$         2.1776         80         \$         2.1779         \$         4.5         2.0070         80         \$         2.1279         \$         4.5         2.0070         80         \$         2.1279         \$         4.5         2.20%         3.5188         \$         1.0016         \$         5         5         5         2.20%         \$         1.076.88         \$         -1.000%         \$         5         5         5         5	Group 2 Accounts	por k/M				¢			Ť										
Accounts 1568       F       S       0.1994       80       S       15.63       S       0.1019       80       S       8.15       S       7.48       4.47.85%         Line Losses on Cost of Power Smart Meter Entity Charge Sub-Total B       per kW       S       0.5282       80       S       4.74.85%       S       0.019       80       S       0.39       S       4.74.85%         Sub-Total B       Distribution Sub-Total A)       Per kW       S       0.1000       2.187.90       S       2.31.92       S       0.039       1.3       S       0.030       S       4.70.85%         Sub-Total A)       Per kW       S       2.7157       80       S       2.17.26       S       2.7724       80       S       22.179       S       4.54       2.09%         Sub-Total C - Delivery (Including Sub-Total B)       Per kW       S       0.0021       35.188       S       1.169.14       S       0.007       35.188       S       0.007       22.520       S       0.007       22.520       S       0.007       22.520       S	Rate Rider Calculation for						-						-			-			
Line Losses or Cost of Power       per KW       \$       0.1060       2.187.90       \$ 231.92       \$       0.0979       1422.3       \$       192.70       -39.97%         Sub-Total B - Distribution (Includes Sub-Total A)       E       F       5       -       \$       -       \$       \$       -       \$       \$       -       30.97%       \$       \$       92.70       -39.97%       39.97%         Sub-Total B - Distribution (Includes Sub-Total A)       per KW       \$       2.7157       80       \$       217.26       \$       2.7724       80       \$       221.79       \$       4.54       2.09%         RTSR - Network       per KW       \$       2.0225       80       \$       161.80       \$       2.0170       80       \$       217.26       \$       2.0772       80       \$       2.2179       \$       4.54       2.09%         Sub-Total C - Delivery (Including Sub-Total B)       *       0.036       35.188       \$       1.06.81       \$       1.05.81       \$       0.007       2.25       \$       0.007       2.25.26       \$       0.007       2.25.20       \$       0.007       2.25.20       \$       1.37.406       \$       0.250       1 <t< td=""><td></td><td><b>P C</b></td><td>\$</td><td>0.1954</td><td>80</td><td>\$</td><td>15.63</td><td></td><td>\$</td><td>0.1019</td><td>80</td><td>\$</td><td>8.15</td><td>-</td><td>\$</td><td>7.48</td><td>-47.85%</td></t<>		<b>P C</b>	\$	0.1954	80	\$	15.63		\$	0.1019	80	\$	8.15	-	\$	7.48	-47.85%		
Smart Meter Entity Charge         per kW         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i <th< td=""><td>0 0</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><td></td><td></td><td></td><td></td></th<>	0 0																		
Sub-Total B         Distribution (Includes Sub-Total A)         per kW per kW         \$ 2.7157         80         \$ 217.26         \$ 689.72         \$ 100.36         1.12.70%           RTSR - Network Transformation Connection per kW         \$ 2.7157         80         \$ 217.26         \$ 2.7724         80         \$ 221.79         \$ 4.54         2.09%           Sub-Total Connection Contraction Sub-Total Connection Charge (WNC)         \$ 2.025         80         \$ 11.169.14         \$ 2.0670         80         \$ 105.36         \$ 3.56         2.20%           Sub-Total Connection Charge (WNC)         \$ 0.0036         35.188         \$ 126.68         \$ 1.076.88         \$ 92.26         -7.89%           Wholesale Market Service Charge (WNC)         \$ 0.0021         35.188         \$ 73.89         \$ 0.0021         35.188         \$ 0.0021         \$ 0.250         1         \$ 0.255         \$ 0.0001         \$ 0.255         \$ 0.0070         22.520         \$ 1,734.06         \$ 0.770         22.520         \$ 1,734.06         \$ 0.0770         22.520         \$ 1,734.06         \$ 0.0770         22.520         \$ 1,734.06         \$ 0.0770         22.520         \$ 1,734.06         \$ 0.0770         22.520         \$ 1,734.06         \$ 0.0770         22.520         \$ 1,734.06         \$ 0.00%         \$ 0.00%         \$ 0.00%         \$			\$	0.1060			231.92		\$	0.0979			139.21			92.70	-39.97%		
Includes Sub-Total A)         Image: Constraint of the state of		per kW			1	· ·	-				1		-			-			
RTSR - Network       per kW       \$ 2.7157       80       \$ 217.26       \$ 2.7724       80       \$ 221.79       \$ 4.54       2.09%         RTSR - Line and Transformation Connection       per kW       \$ 2.0225       80       \$ 161.80       \$ 2.0670       80       \$ 217.91       \$ 4.54       2.09%         Sub-Total C - Delivery (Including SUb-Total B)       *       2.0225       80       \$ 1,169.14       *       \$ 2.0670       80       \$ 165.36       \$ 3.56       2.20%         Sub-Total C - Delivery (Including SWBC)       \$ 0.0036       35,188       \$ 1,06.48       \$ 0.0036       \$ 1,076.88       \$ 92.26       -7.89%         Wholesale Market Service Charge (WSC)       per kWh       \$ 0.0021       35,188       \$ 126.68       \$ 1.076.88       \$ 0.250       1       \$ 0.021       35,188       \$ 126.68       \$ 0.00%         Standard Supply Service Charge (WSC)       Monthly       \$ 0.2500       1       \$ 0.027       \$ 0.250       1       \$ 0.25       \$ 0.2500       1       \$ 0.25       \$ 0.2500       1       \$ 0.25       \$ 0.2500       1       \$ 0.0770       \$ 22,520       \$ 1,734.06       \$ 0.0770       \$ 22,520       \$ 1,734.06       \$ 0.0770       \$ 22,520       \$ 1,734.06       \$ 0.0770       \$ 22,520       \$ 1,7						\$	790.08					\$	689.72	-\$	\$	100.35	-12.70%		
Transformation Connection       \$ 2.0225       60       \$ 161.00       \$ 2.0670       600       \$ 165.36       \$ 3.56       2.20%         Sub-Total C - Delivery       \$ 0.016       \$ 1,169.14       \$ 0.0036       35,188       \$ 126.68       \$ 1,076.88       \$ 92.26       -7.89%         Wholesale Market Service Charge (MSC)       per kWh       \$ 0.0021       35,188       \$ 126.68       \$ 0.0021       35,188       \$ 126.68       \$ 0.255       \$ 0.0021       35,188       \$ 126.68       \$ 0.255       \$ 0.0021       35,188       \$ 126.68       \$ 0.255       \$ 0.0070       22,520       \$ 0.250       1 \$ 0.25       \$ 0.255       \$ 0.255       \$ 0.0070       22,520       \$ 1,734.06       \$ 0.255       \$ 0.250       \$ 1,734.06       \$ 0.255       \$ 0.0070       22,520       \$ 1,734.06       \$ 0.255       \$ 0.0770       22,520       \$ 1,734.06       \$ 0.255       \$ 0.130       6,334       \$ 715.72       \$ 0.130       6,334       \$ 715.72       \$ 0.130       6,334       \$ 994.41       \$ 0.994.41       \$ 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%		per kW	\$	2.7157	80	\$	217.26		\$	2.7724	80	\$	221.79	5	\$	4.54	2.09%		
Sub-Total C - Delivery (including Sub-Total B)         Image: Sub-Tota		per kW	\$	2.0225	80	\$	161.80		\$	2.0670	80	\$	165.36	9	\$	3.56	2.20%		
Including Sub-Total B)         Image: Sub-Total B) <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>												-							
Charge (WMSC)       F       0.0036       1.0004       5       1.26.66       5       0.0036       1.0004       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.26.66       5       1.000%         Standard Supply Service       Monthly       \$       0.2500       1       \$       0.250       \$       1.3734.06       \$       0.2500       1       \$       0.257       \$       1.000%       0.00%         CUO - Of Peak       per KWh       \$       0.1130       6.334       \$       91.130       6.334       \$       91.41       \$       91.000%       0.00%       0.00						\$	1,169.14					\$	1,076.88	-\$	\$	92.26	-7.89%		
Charge (VMSC)       per kWh       \$       0.0021       35,188       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$       73.89       \$<		per kWh	¢	0.0036	35,188	¢	126.68		¢	0.0036	35,188	\$	126.68	4	\$	_	0.00%		
Protection (RRRP)       Monthly       \$       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021       0.0021			Ŷ	0.0000		Ŷ	120.00		Ψ	0.0000		Ŷ	120.00		Ψ		0.0070		
Charge DESP       per kWh per kWh       \$       0.2500       \$       0.2500       \$       0.2500       1       \$       0.025       \$       \$       0.00%         CDU - Off Peak       per kWh       \$       0.0770       22,520       \$       1,734.06       \$       0.0770       22,520       \$       1,734.06       \$       0.0770       22,520       \$       1,734.06       \$       0.0770       22,520       \$       1,734.06       \$       0.0770       22,520       \$       1,734.06       \$       0.0770       22,520       \$       1,734.06       \$       0.0770       22,520       \$       1,734.06       \$       0.0770       22,520       \$       1,734.06       \$       0.0770       22,520       \$       1,734.06       \$       0.0770       22,520       \$       1,734.06       \$       0.0770       22,520       \$       1,734.06       \$       0.0770       6,334       \$       994.41       \$       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%	Protection (RRRP)											Ċ							
TOU - Off Peak       per kWh       \$       0.0770       22,520       \$       1,734.06       \$       \$       -       0.00%         TOU - Mid Peak       per kWh       \$       0.1130       6.334       \$       715.72       \$       \$       0.1130       6.334       \$       715.72       \$       \$       0.1750       6.334       \$       994.41       \$       \$       0.00%         TOU - On Peak       per kWh       \$       0.1570       6.334       \$       914.41       \$       \$       0.10%       \$       0.00%         Energy - RPP - Tier 1       per kWh       \$       0.1060       32.400       \$       3.43.4.0       \$       \$       0.0060       32.400       \$       0.0060       32.400       \$       0.0060       32.400       \$       0.1060       32.400       \$       0.1060       32.400       \$       0.1060       32.400       \$       0.1060       32.400       \$       0.1060       32.400       \$       0.1060       32.400       \$       0.1060       32.400       \$       0.1060       32.400       \$       0.1060       32.400       \$       0.1060       32.400       \$       0.1060       \$       0.1060 <t< td=""><td></td><td></td><td>\$</td><td>0.2500</td><td>1</td><td>\$</td><td>0.25</td><td></td><td>\$</td><td>0.2500</td><td>1</td><td>\$</td><td>0.25</td><td>5</td><td>\$</td><td>-</td><td>0.00%</td></t<>			\$	0.2500	1	\$	0.25		\$	0.2500	1	\$	0.25	5	\$	-	0.00%		
TOU - Mid Peak       per kWh       \$       0.1130       6,334       \$       715.72       \$       0.1130       6,334       \$       715.72       \$       0.00%         TOU - On Peak       per kWh       \$       0.1570       6,334       \$       715.72       \$       0.1130       6,334       \$       715.72       \$       \$       0.00%         TOU - On Peak       per kWh       \$       0.1570       6,334       \$       994.41       \$       0.1570       6,334       \$       994.41       \$       >       0.00%         Energy - RPP - Tier 1       per kWh       \$       0.0060       \$       54.60       \$       0.0910       600       \$       54.60       \$       994.41       \$       >       0.00%         Energy - RPP - Tier 2       per kWh       \$       0.1060       32,400       \$       0.1060       32,400       \$       3,434.40       \$       \$       -       0.00%         Energy - RPP - Tier 2       per kWh       \$       0.1060       32,400       \$       0.1060       32,400       \$       3,434.40       \$       -       0.00%         Total Bill (including HST)       13%       \$       \$       4,814.1						\$	-					\$	-	9	\$	-			
TOU - On Peak       per kWh       \$       0.1570       6,334       \$       994.41       \$       0.1570       6,334       \$       994.41       \$       0.00%         Energy - RPP - Tier 1       per kWh       \$       0.0910       6000       \$       54.60       \$       0.0910       6000       \$       54.60       \$       994.41       \$       90.0160       \$       54.60       \$       994.41       \$       0.00%         Energy - RPP - Tier 2       per kWh       \$       0.1060       32,400       \$       3,434.40       \$       0.0060       32,400       \$       0.0060       32,400       \$       0.0060       32,400       \$       0.1060       32,400       \$       0.1060       32,400       \$       0.00%       0.00%         Total Bill on TOU (before       Taxes)       Image: Second Sec	TOU - Off Peak	per kWh	\$	0.0770	22,520	\$	1,734.06		\$	0.0770	22,520	\$	1,734.06	Ş	\$	-	0.00%		
TOU - On Peak Energy - RPP - Tier 1       per kWh per kWh       \$ 0.1570       6,334 \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 994.41       \$ 90.00%         Energy - RPP - Tier 2       per kWh       \$ 0.1060       32,400       \$ 0.1060       32,400       \$ 3,434.40       \$ 3,434.40       \$ 3,434.40       \$ 4,721.89       \$ 4,721.89       \$ 92.26       -1.92%         Total Bill on TOU (before Taxes) HST       13%       \$ 4,814.15       \$ 4,814.15       \$ 5,439.99       \$ 4,721.89       \$ 5,335.74       \$ 11.99       -1.92%         Total Bill (including HST)       13%       \$ 5,439.99       \$ 1.99%       \$ 5,335.74       \$ 104.25       -1.92%         Total Bill (including HST)       13%       \$ 4,858.96       \$ 3631.66       13%       \$ 4,766.70       \$ 92.26	TOU - Mid Peak	per kWh	\$	0.1130	6,334	\$	715.72		\$	0.1130	6,334	\$	715.72	9	\$	-	0.00%		
IOU - On Peak       IOU - ON Peak<		per kWh			6.334						6.334								
Energy - RPP - Tier 2       per kWh       \$ 0.1060       32,400       \$ 3,434.40       \$ 0.1060       32,400       \$ 3,434.40       \$ 0.1060       32,400       \$ 3,434.40       \$ 0.1060       32,400       \$ 3,434.40       \$ 0.1060       32,400       \$ 3,434.40       \$ 0.1060       32,400       \$ 3,434.40       \$ 0.1060       \$ 0.1060       \$ 32,400       \$ 3,434.40       \$ 0.1060       \$ 0.00%         Total Bill on TOU (before Taxes)         HST       13%       \$ 625.84       13%       \$ 613.85       -\$ 11.99       -1.92%         Total Bill (including HST)       13%       \$ 5,439.99       13%       \$ 5,335.74       -\$ 104.25       -1.92%         Total Bill on TOU (including OCEB)       \$ 5,439.99       •       •       •       •       •       1.92%         Total Bill on RPP (before Taxes)       \$ 5,439.99       •       •       •       •       •       •       •       1.92%         HST       13%       \$ 5,439.99       •       •       •       •       •       •       1.92%         Total Bill (including NRP)       13%       \$ 5,439.99       •       •       •       •       •       •       •       •       •       1.92%			¢			Þ	994.41		þ			Ф	994.41	3	Þ	-			
Total Bill on TOU (before       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *<	Energy - RPP - Tier 1	per kvvn	\$	0.0910	600	\$	54.60		\$	0.0910	600	\$	54.60	9	\$	-	0.00%		
Taxes) HST       13%       \$ 4,814.15       \$ 4,721.89       \$ 92.26       -1.92%         HST       13%       \$ 625.84       13%       \$ 613.85       -\$ 11.99       -1.92%         Total Bill (including HST)       \$ 5,439.99       13%       \$ 5,335.74       -\$ 104.25       -1.92%         Total Bill on TOU (including OCEB)       \$ 5,439.99       \$ 5,335.74       -\$ 104.25       -1.92%         Total Bill on RPP (before       \$ 4,858.96       \$ 4,766.70       -\$ 92.26       -1.90%         HST       13%       \$ 631.66       13%       \$ 619.67       -\$ 11.99       -1.90%         HST       13%       \$ 5,490.62       13%       \$ 619.67       -\$ 104.25       -1.90%	Energy - RPP - Tier 2	per kWh	\$	0.1060	32,400	\$	3,434.40		\$	0.1060	32,400	\$	3,434.40	9	\$	-	0.00%		
Taxes) HST Total Bill (including HST)       13%       \$ 4,814.15 \$ 625.84 \$ 5,439.99       \$ 4,721.89 \$ 613.85 \$ 5,335.74       \$ 92.26 -\$ 11.99 -\$ 104.25       -1.92% -1.92%         Total Bill on TOU (including OCEB)       \$ 5,439.99       \$ 613.85 \$ 5,335.74       -\$ 104.25       -1.92%         Total Bill on TOU (including OCEB)       \$ 5,439.99       \$ 5,335.74       -\$ 104.25       -1.92%         Total Bill on RPP (before Taxes) HST Total Bill (including HST)       \$ 4,858.96 \$ 5,490.62       \$ 4,766.70       -\$ 92.26       -1.90%																			
HST       13%       \$ 625.84       13%       \$ 613.85       -\$ 11.99       -1.92%         Total Bill (including HST)       \$ 5,439.99       13%       \$ 5,335.74       -\$ 104.25       -1.92%         Total Bill on TOU (including OCEB)       \$ 5,439.99       •       \$ 5,335.74       -\$ 104.25       -1.92%         Total Bill on RPP (before       *       *       *       104.25       -1.92%         Total Bill on RPP (before       *       *       *       *       104.25       -1.92%         HST       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *	•					\$	4.814.15					\$	4.721.89	-9	\$	92.26	-1.92%		
Total Bill (including HST)       \$ 5,339.99       \$ 5,335.74       \$ \$ 104.25       -1.92%         Total Bill on TOU (including OCEB)       \$ 5,439.99       \$ \$ 5,335.74       \$ \$ 104.25       -1.92%         Total Bill on RPP (before Taxes)       \$ 5,439.99       \$ \$ 5,439.99       \$ \$ 104.25       -1.92%         Total Bill (including HST)       \$ \$ 5,439.99       \$ \$ \$ 5,335.74       \$ \$ \$ 104.25       -1.92%         Total Bill (including HST)       \$ \$ \$ 5,439.99       \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$				120/						120/									
Total Bill on TOU (including OCEB)       \$ 5,439.99       \$ 5,439.99       \$ 5,335.74       -\$ 104.25       -1.92%         Total Bill on RPP (before Taxes)       ************************************				13%						13%									
Total Bill on RPP (before Taxes) HST         \$ 4,858.96         \$ 4,858.96         \$ 4,766.70         -\$ 92.26         -1.90%           Total Bill (including HST)         13%         \$ 631.66         13%         \$ 619.67         -\$ 11.99         -1.90%						Ŷ	0,100.00					Ŷ	0,000.7 1		Ý	101.20	1.0270		
Taxes) HST         13%         \$ 4,58.96         13%         \$ 619.67         -\$ 11.99         -1.90%           Total Bill (including HST)         \$ 5,490.62         13%         \$ 5,386.37         -\$ 104.25         -1.90%		EB)				\$	5,439.99					\$	5,335.74	-	\$	104.25	-1.92%		
HST 13% \$ 631.66 13% \$ 619.67 -\$ 11.99 -1.90% 5,490.62						\$	4,858.96					\$	4,766.70	-\$	\$	92.26	-1.90%		
Total Bill (including HST)         \$ 5,490.62         \$ 5,386.37         -\$ 104.25         -1.90%				13%		\$	631.66			13%		\$	619.67	-9	\$	11.99	-1.90%		
Total Bill on RPP (including OCEB)         \$ 5,490.62         \$ 5,490.62         \$ 5,386.37         -\$ 104.25         -1.90%																			
	Total Bill on RPP (including OC	EB)				¢	5 490 62					¢	5 386 37			104 25	_1 00%		
						φ	3,450.02					φ	0,000.07	-1	φ	104.23	-1.90%		

### Customer Class: USL

TOU / non-TOU: non-TOU

Consumption

300

kWl May 1 - October 31

	Curre			Current Board-Approved						Proposed	Impact					
			Rate	Volume		harge	Ī		Rate	Volume		Charge			•	
	Charge Unit		(\$)			(\$)			(\$)			(\$)			hange	% Change
Monthly Service Charge	Monthly	\$	21.16	1	\$	21.16		\$	21.16	1	\$	21.16		\$	-	0.00%
Distribution Volumetric Rate	per kWh	\$	0.0055	300		1.65		\$	0.0174	300	\$	5.23		\$	3.58	216.93%
Sub-Total A (excluding pass th	0,				\$	22.81					\$	26.39		\$	3.58	15.69%
Rate Rider Calculation for Deferral / Variance Accounts	per kWh															
Balances (excluding Global				300	\$	-		\$	-		\$	-		\$	-	
Adj.)										300						
Rate Rider Calculation for	per kWh									000						
Deferral / Variance Accounts	po															
Balances (excluding Global				300	\$	-		\$	-		\$	-		\$	-	
Adj.) - NON-WMP										300						
Rate Rider Calculation for	per kWh															
RSVA - Power - Global				300				\$	-		\$	-		\$	-	
Adjustment										300						
Rate Rider Calculation for	per kWh			300				\$	0.2739		\$	0.27		\$	0.27	
Group 2 Accounts				300				φ	0.2739	1	φ	0.27		φ	0.27	
	per kWh			300	\$	-				300	\$	-		\$	-	
Rate Rider Calculation for	per kWh	\$	0.0005	300	\$	0.15		\$	0.0004		\$	0.12		-\$	0.03	-20.00%
Accounts 1568										300						
Low Voltage Charges	per kWh	\$	0.0016	300		0.48		\$	0.0028	300		0.84		\$	0.36	74.91%
Line Losses on Cost of Power	per kWh	\$	0.0910	19.89		1.81		\$	0.0979	12.93	\$	1.27		-\$	0.54	-30.08%
Smart Meter Entity Charge	per kWh			1	\$	-				1	\$	-		\$	-	
Sub-Total B - Distribution					\$	25.25					\$	28.89		\$	3.64	14.41%
(includes Sub-Total A) RTSR - Network	per kWh	\$	0.0068	320	\$	2.17	-	\$	0.0069	313	\$	2.17		-\$	0.00	-0.13%
RTSR - Inetwork	per kWh	φ	0.0000	320	φ	2.17		φ	0.0009	515	φ	2.17		- <b>⊅</b>	0.00	-0.13%
Transformation Connection	perkwii	\$	0.0050	320	\$	1.60		\$	0.0051	313	\$	1.60		-\$	0.00	-0.02%
Sub-Total C - Delivery										515						
(including Sub-Total B)					\$	29.02					\$	32.65		\$	3.64	12.53%
Wholesale Market Service	per kWh				-									_		
Charge (WMSC)		\$	0.0036	320	\$	1.15		\$	0.0036	313	\$	1.13		-\$	0.03	-2.18%
Rural and Remote Rate	per kWh	•	0.0004	000	•	0.07		•	0.0004		•	0.00		•	0.04	0.40%
Protection (RRRP)		\$	0.0021	320	\$	0.67		\$	0.0021	313	\$	0.66		-\$	0.01	-2.18%
Standard Supply Service	Monthly	\$	0.2500	1	\$	0.25		\$	0.2500		\$	0.25		\$	-	0.00%
Charge				1	φ	0.25				1	φ	0.25		φ	-	0.00%
OESP	per kWh			300		-				300		-		\$	-	
TOU - Off Peak	per kWh	\$	0.0770	192		14.78		\$	0.0770	192		14.78		\$	-	0.00%
TOU - Mid Peak	per kWh	\$	0.1130	54		6.10		\$	0.1130	54	\$	6.10		\$	-	0.00%
TOU - On Peak	per kWh	\$	0.1570	54		8.48		\$	0.1570	54	\$	8.48		\$	-	0.00%
Energy - RPP - Tier 1	per kWh	\$	0.0910	300		27.30		\$	0.0910	300		27.30		\$	-	0.00%
Energy - RPP - Tier 2	per kWh	\$	0.1060	0	\$	-		\$	0.1060	0	\$	-		\$	-	
		1												1		
Total Bill on TOU (before					\$	60.45					\$	64.05		\$	3.60	5.95%
Taxes)			100/		¢	7.00			100/		¢	0.00		¢	0.47	E 0.5%
HST			13%		\$ \$	7.86 68.31			13%		\$ \$	8.33 72.38		\$ \$	0.47 4.06	5.95% 5.95%
Total Bill (including HST)					φ	00.51					φ	72.50		φ	4.00	5.95 %
Total Bill on TOU (including OC	(FB)				\$	68.31					\$	72.38		\$	4.06	5.95%
	,28)				Ψ	00.51		_		_	Ψ	72.50	_	Ψ	4.00	3.3378
Total Bill on RPP (before		1												1		
Taxes)					\$	58.39					\$	61.99		\$	3.60	6.16%
HST			13%		\$	7.59			13%		\$	8.06		\$	0.47	6.16%
Total Bill (including HST)					\$	65.98					\$	70.04		\$	4.06	6.16%
( <b>G</b> )																
Total Bill on RPP (including OC	EB)				\$	65.98					\$	70.04		\$	4.06	6.16%
Loss Factor (%)			6.63%						4.31%							
							L	_								

Customer Class: StreetLight

TOU / non-TOU: non-TOU

non-TOU Demand Consumption

48 kW 20,000 kWh

**kWh** O May 1 - October 31

		<u> </u>	Current	Current Board-Approved				Proposed						Impact				
			Rate	Volume		Charge			Rate	Volume		Charge						
	Charge Unit		(\$)			(\$)			(\$)			(\$)		\$ (	Change	% Change		
Monthly Service Charge	Monthly	\$	1.99	2300	\$	4,577.00		\$	1.99	2300	\$	4,577.00		\$	-	0.00%		
Distribution Volumetric Rate	per kW	\$	8.0867	48.1	\$	388.97		\$	17.4164	48.1	\$	837.73		\$	448.76	115.37%		
Sub-Total A (excluding pass the	rough)				\$	4,965.97					\$	5,414.73		\$	448.76	9.04%		
Rate Rider Calculation for	per kW																	
Deferral / Variance Accounts				48.1	\$			\$	1.9284	48.1	\$	92.75		\$	92.75			
Balances (excluding Global				40.1	φ	-		φ	1.9204	40.1	φ	92.15		φ	92.75			
Adj.)																		
Rate Rider Calculation for	per kW																	
Deferral / Variance Accounts				48.1	\$			-\$	1.8986	48.1	¢	91.32		-\$	91.32			
Balances (excluding Global				40.1	φ	-		-φ	1.0900	40.1	- <b>φ</b>	91.52		-φ	91.52			
Adj.) - NON-WMP																		
Rate Rider Calculation for	per kW																	
RSVA - Power - Global				48.1				\$	0.0076	48.1	\$	0.37		\$	0.37			
Adjustment																		
Rate Rider Calculation for	per kW	\$		48.1				\$	0.0517	1	\$	0.05		\$	0.05			
Group 2 Accounts		φ	-	40.1				φ	0.0517	1	φ	0.05		φ	0.05			
	per kW			20000	\$	-				20000	\$	-		\$	-			
Rate Rider Calculation for	per kW	\$	0.1872	48.1	\$	9.00		\$	0.1288	48.1	\$	6.20		-\$	2 01	-31.20%		
Accounts 1568		φ	0.1072	40.1	φ	9.00		φ	0.1200	40.1	φ	0.20		-φ	2.81	-31.20%		
Low Voltage Charges	per kW	\$	0.4583	48.1	\$	22.04		\$	0.0013	48.1	\$	0.06		-\$	21.98	-99.72%		
Line Losses on Cost of Power	per kW	\$	0.1060	1326	\$	140.56		\$	0.0979	862	\$	84.37		-\$	56.18	-39.97%		
Smart Meter Entity Charge	per kW			1	\$	-				1	\$	-		\$	-			
Sub-Total B - Distribution					¢	E 427 E7					•	5,507.21		\$	369.63	7.19%		
(includes Sub-Total A)					Э	5,137.57					þ	5,507.21		Э	369.63	7.19%		
RTSR - Network	per kW	\$	2.0482	48	\$	98.52		\$	2.0910	48	\$	100.58		\$	2.06	2.09%		
RTSR - Line and	per kW	\$	1.5636	48	\$	75.21		\$	1.5979	48	\$	76.86		\$	1.65	2.20%		
Transformation Connection		φ	1.5050	40	φ	75.21		φ	1.0979	40	φ	70.00		φ	1.05	2.20 /0		
Sub-Total C - Delivery					4	5,311.30					4	5,684.64		\$	373.34	7.03%		
(including Sub-Total B)					<b>э</b>	3,311.30					Ŷ	3,004.04		÷	575.54	7.0578		
Wholesale Market Service	per kWh	\$	0.0036	20000	\$	72.00		\$	0.0036	20000	\$	72.00		\$	-	0.00%		
Charge (WMSC)		Ψ	0.0000	20000	Ψ	72.00		Ψ	0.0000	20000	Ψ	72.00		Ψ	_	0.0070		
Rural and Remote Rate	per kWh	\$	0.0021	20000	\$	42.00		\$	0.0021	20000	\$	42.00		\$	-	0.00%		
Protection (RRRP)				20000	Ψ	42.00				20000	Ψ	42.00		Ψ	_	0.0070		
Standard Supply Service	Monthly	\$	0.2500	1	\$	0.25		\$	0.2500	1	\$	0.25		\$	-	0.00%		
Charge						0.20						0.20			_	0.0070		
OESP	per kWh			20000	· · ·	-				20000		-		\$	-			
TOU - Off Peak	per kWh	\$	0.0770	12800	\$	985.60		\$	0.0770	12800		985.60		\$	-	0.00%		
TOU - Mid Peak	per kWh	\$	0.1130	3600	\$	406.80		\$	0.1130	3600		406.80		\$	-	0.00%		
TOU - On Peak	per kWh	\$	0.1570	3600		565.20		\$	0.1570	3600		565.20		\$	-	0.00%		
Energy - RPP - Tier 1	per kWh	\$	0.0910	600	\$	54.60		\$	0.0910	600	\$	54.60		\$	-	0.00%		
Energy - RPP - Tier 2	per kWh	\$	0.1060	19400	\$	2,056.40		\$	0.1060	19400	\$	2,056.40		\$	-	0.00%		
Total Bill on TOU (before					¢	7,383.15					¢	7,756.49		\$	373.34	5.06%		
Taxes)					Ψ	7,303.13					Ψ	1,130.43			575.54	5.00 /8		
HST			13%		\$	959.81			13%		\$	1,008.34		\$	48.53	5.06%		
Total Bill (including HST)					\$	8,342.96					\$	8,764.84		\$	421.88	5.06%		
Total Bill on TOU (including OC	EB)				\$	8,342.96					\$	8,764.84		\$	421.88	5.06%		
Total Bill on RPP (before					¢	7 526 55					¢	7 000 00		\$	272.24	4 0 5 9/		
Taxes)		1			Þ	7,536.55					Þ	7,909.89		φ	373.34	4.95%		
HST			13%		\$	979.75			13%		\$	1,028.29		\$	48.53	4.95%		
Total Bill (including HST)		1			\$	8,516.30					\$	8,938.18		\$	421.88	4.95%		
Total Bill on RPP (including OC	EB)				\$	8,516.30					\$	8,938.18		\$	421.88	4.95%		
Loss Factor (%)			6.63%				[		4.31%									
				l						l								

Cooperative Hydro Embrun Inc.

2018 Cost of Service Inc Exhibit 5 – Cost of Capital May 1, 2017

## 1

## Appendix C PDF of RTSR

Last

### 2017 RTSR Workform for Electricity Distributors

v 1.1

Drop-down lists are shaded blue; Input cells are shaded green.

Utility Name	Cooperative Hydro Embrun Inc.	
Service Territory	EMBUN ON	
Assigned EB Number	EB-2017-0035	
Name and Title	BENOIT LAMARCHE	
Phone Number	613.443.510	
Email Address	benoit@hydroembrun.ca	
Date	May 1 2017	
COS Re-based Year	2014	

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

# 2017 RTSR Workform for Electricity Distributors

<u>1. Info</u>

2. Table of Contents

3. Rate Classes

4. RRR Data

5. UTRs and Sub-Transmission

6. Historical Wholesale

7. Current Wholesale

8. Forecast Wholesale

9. RTSR Rates to Forecast

## Ontario Energy Board 2017 RTSR Workform for Electricity Distributors

1. Select the appropriate rate classes that appear on your most recent Board-Approved Tariff of Rates and Charges.

2. Enter the RTS Network and Connection Rate as it appears on the Tariff of Rates and Charges

Rate Class	Unit	RTSR- Network	RTSR- Connection
Residential General Service Less Than 50 kW General Service 50 to 4,999 kW Unmetered Scattered Load Street Lighting Choose Rate Class Choose Rate Class	kWh kWh kWh kW	0.0073 0.0068 2.7157 0.0068 2.0482	0.0057 0.0050 2.0225 0.0050 1.5636
Choose Rate Class			

#### 2017 RTSR Workform for Electricity Distributors

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor eg: (1.0325)	Loss Adjusted Billed kWh
Residential	RTSR - Network	kWh	0.0073	19.268.403	0	1.0663	20.545.898
Residential	RTSR - Connection	kWh	0.0057	19.268.403	ō	1.0663	20.545.898
General Service Less Than 50 kW	RTSR - Network	kWh	0.0068	4.547.781	0	1.0663	4.849.299
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0050	4,547,781	0	1.0663	4,849,299
General Service 50 to 4,999 kW	RTSR - Network	kW	2.7157	4,242,389	12,058		
General Service 50 to 4,999 kW	RTSR - Connection	kW	2.0225	4,242,389	12,058		
Unmetered Scattered Load	RTSR - Network	kWh	0.0068	93,284	0	1.0663	99,469
Unmetered Scattered Load	RTSR - Connection	kWh	0.0050	93,284	0	1.0663	99,469
Street Lighting	RTSR - Network	kW	2.0482	321,015	917		
Street Lighting	RTSR - Connection	kW	1.5636	321,015	917		

#### 2017 RTSR Workform for Electricity Distributors

Iniform Transmission Rates	Unit		2015			2016		2
	Onit							
ate Description	kW		Rate	3.78	\$	Rate 3.66	\$	F
		\$						
ne Connection Service Rate	kW	\$		0.86	\$	0.87	\$	
ansformation Connection Service Rate	kW	\$		2.00	\$	2.02	\$	
dro One Sub-Transmission Rates	Unit	Jan -	2015 - 201 April 2015 May	6 2015 - Jan 2016		2016 - Dec 2016		2
te Description			Rate			Rate		F
etwork Service Rate	kW	\$	3.23 \$	3.4121	\$	3.3396	\$	
e Connection Service Rate	kW	\$	0.65 \$	0.7879	\$	0.7791	\$	
ansformation Connection Service Rate	kW	\$	1.62 \$	1.8018	\$	1.7713	\$	
th Line and Transformation Connection Service Rate	kW	\$	2.27 \$	2.5897	\$	2.5504	\$	
needed, add extra host here. (I)	Unit		2015			2016		2
te Description			Rate			Rate		R
etwork Service Rate	kW							
e Connection Service Rate	kW							
ansformation Connection Service Rate	kW							
th Line and Transformation Connection Service Rate	kW	\$		-	\$	-	\$	
eeded, add extra host here. (II)	Unit		ffective ary 1, 2014			Effective ary 1, 2015	E Janı	Eff uar
te Description			Rate			Rate		R
etwork Service Rate	kW							
e Connection Service Rate	kW							
nsformation Connection Service Rate	kW							
h Line and Transformation Connection Service Rate	kW	\$		-	\$	-	\$	
v Voltage Switchgear Credit (if applicable, enter as a negativ	e		Historical 20	)15	Cur	rent 2016	Fore	эc
e)	\$							

#### 2017 RTSR Workform for Electricity Distributors

v 1.1

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "4. RRR Data". 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 transformer connection columns are completed.

IESO		Network			Line	Connec	tion	Transforn	hation Co	onnecti	on	Tota	al Lin
Month	Units Billed	Rate	An	nount	Units Billed	Rate	Amount	Units Billed	Rate	Amo	unt	An	noun
January		\$0.00				\$0.00			\$0.00			\$	
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	- \$	-	\$	-	-	\$-	\$ -	-	\$ -	\$	-	\$	
lydro One		Network			Line	Connec	tion	Transform	nation Co	onnecti	on	Tota	al Li
Month	Units Billed	Rate	An	ount	Units Billed	Rate	Amount	Units Billed	Rate	Amo	unt	An	noui
January	5,972	\$3.41	\$	20,377	5,972	\$0.79	\$ 4,705	5,972	\$1.80	\$	0,760	\$	15,
February	5,758	\$3.34	\$	19,230	6,236	\$0.78	\$ 4,858	6,236	\$1.77	\$	1,046	\$	15
March	5,247	\$3.34	\$	17,522	5,310	\$0.78	\$ 4,137	5,310	\$1.77	\$	9,406	\$	13
April	4,481	\$3.34	\$	14,966	4,588	\$0.78	\$ 3,575	4,588	\$1.77	\$	8,127	\$	11
May	5,665	\$3.34	\$	18,917	5,745	\$0.78	\$ 4,476	5,745	\$1.77	\$ *	0,176	\$	14
June	6,162	\$3.34	\$	20,580	6,162	\$0.78	\$ 4,801	6,162	\$1.77		0,916	\$	15
July	6,056	\$3.34	\$	20,223	6,056	\$0.78	\$ 4,718	6,056	\$1.77	\$	0,726	\$	15
August	6,447	\$3.34	\$	21,529	6,447	\$0.78	\$ 5,022	6,447	\$1.77	\$ *	1,419	\$	16
September	5,554	\$3.34	\$	18,549	5,554	\$0.78	\$ 4,327	5,554	\$1.77	\$	9,838	\$	14
Ôctober	4,478	\$3.34	\$	14,955	4,478	\$0.78	\$ 3,489	4,478	\$1.77	\$	7,932	\$	11
November	5,006	\$3.34	\$	16,719	5,006		\$ 3,900	5,006	\$1.77	\$	8,867	\$	12
December	6,025	\$3.34	\$	20,122	6,025	\$0.78	\$ 4,694	6,025	\$1.77	\$	0,673	\$	15
Total	66,851 \$	3.35	\$	223,689	67,580	\$ 0.78	\$ 52,704	67,580	\$ 1.77	\$ 1 <sup>°</sup>	9,885	\$	172
ctra Host Here (I)		Network			Line	Connec	tion	Transform	nation Co	onnecti	on	Tota	al L
(if needed)													
Month	Units Billed	Rate	An	nount	Units Billed	Rate	Amount	Units Billed	Rate	Amo	unt	An	nou
January		\$0.00				\$0.00			\$0.00			\$	
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			\$	
Öctober		\$0.00				\$0.00			\$0.00			\$	
		\$0.00				\$0.00			\$0.00			\$	
November		ψ0.00											
		\$0.00				\$0.00			\$0.00			\$	

2017 RTSR Workform for Electricity Distributors

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "4. RRR Data". 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 transformer connection columns are completed.

Add Extra Host Here (II) (if needed)		Network			Line	Connec	ction		Transform	nation C	onne	ction	To	tal Line
Month	Units Billed	Rate	A	mount	Units Billed	Rate	A	mount	Units Billed	Rate	A	mount	A	mount
January		\$0.00				\$0.00				\$0.00			\$	-
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	- 5	-	\$	-	-	\$-	\$	-	-	\$-	\$	-	\$	-
Total		Network			Line	Connec	ction		Transform	nation C	onne	ction	То	tal Line
Month	Units Billed	Rate	Α	mount	Units Billed	Rate	A	mount	Units Billed	Rate	A	mount	A	mount
January	5,972	\$3.41	\$	20,377	5,972	\$0.79	\$	4,705	5,972	\$1.80	\$	10,760	\$	15,465
February	5,758	\$3.34	\$	19,230	6,236	\$0.78	\$	4,858	6,236	\$1.77	\$	11,046	\$	15,904
March	5,247	\$3.34	\$	17,522	5,310	\$0.78	\$	4,137	5,310	\$1.77	\$	9,406	\$	13,543
April	4,481	\$3.34	\$	14,966	4,588	\$0.78	\$	3,575	4,588	\$1.77	\$	8,127	\$	11,702
May	5,665	\$3.34	\$	18,917	5,745	\$0.78	\$	4,476	5,745	\$1.77	\$	10,176	\$	14,651
June	6,162	\$3.34	\$	20,580	6,162	\$0.78	\$	4,801	6,162	\$1.77	\$	10,916	\$	15,717
July	6,056	\$3.34	\$	20,223	6,056	\$0.78	\$	4,718	6,056	\$1.77	\$	10,726	\$	15,444
August	6,447	\$3.34	\$	21,529	6,447	\$0.78	\$	5,022	6,447	\$1.77	\$	11,419	\$	16,441
September	5,554	\$3.34	\$	18,549	5,554	\$0.78	\$	4,327	5,554	\$1.77	\$	9,838	\$	14,165
October		\$3.34	\$	14,955	4,478	\$0.78	\$	3,489	4,478	\$1.77	\$	7,932	\$	11,421
	4,478	<b>a</b> 3.34												
November	4,478 5,006	\$3.34 \$3.34	\$	16,719	5,006	\$0.78	\$	3,900	5,006	\$1.77	\$	8,867	\$	12,768
November December	1 -										\$ \$			
	5,006	\$3.34 \$3.34	\$	16,719	5,006	\$0.78 \$0.78	\$ \$	3,900	5,006	\$1.77 \$1.77	\$	8,867	\$	12,768

#### 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2016 Uniform Transmission Rates are applied against historical 2015 transmission units.

		Network		Lin	e Connect	on	Transfor	mation Co	onnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- 5	\$ 3.6600	\$-	-	\$ 0.8700	s -	-	\$ 2.0200	\$-	\$-
February	- 9		s -	-		\$ -	-	\$ 2.0200	\$ -	\$ -
March		\$ 3.6600		-		\$ -	-	\$ 2.0200	\$ -	s -
April	- 9		\$-			\$ -		\$ 2.0200	\$-	\$-
May			ş -			\$ - \$ -		\$ 2.0200 \$ 2.0200	\$-	φ - \$ -
				-			-			φ - \$ -
June	- 5		\$-	-		\$ -	-	\$ 2.0200	\$ -	•
July	- 9			-		\$ -	-	\$ 2.0200	\$ -	\$ -
August	- 9			-	\$ 0.8700		-	\$ 2.0200	\$ -	\$ -
September	- 3		\$-	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
October	- 9	\$ 3.6600	\$-	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
November	- 8	\$ 3.6600	\$-	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
December	- 9	\$ 3.6600	\$-	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
Total		\$ -	\$ -		\$ -	\$ -	-	\$ -	\$ -	\$ -
Hydro One		Network		Lin	ne Connect	on	Transfor	mation Co	onnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,972			5,972				\$ 1.8018		\$ 15,466
February	5,758			6,236				\$ 1.7713		\$ 15,904
March	5,247	\$ 3.3396	\$ 17,522	5,310	\$ 0.7791	\$ 4,137	5,310	\$ 1.7713	\$ 9,406	\$ 13,543
April	4,481 \$	\$ 3.3396	\$ 14,966	4,588	\$ 0.7791	\$ 3,575	4,588	\$ 1.7713	\$ 8,127	\$ 11,702
May	5,665	\$ 3.3396	\$ 18,917	5,745	\$ 0.7791	\$ 4,476	5,745	\$ 1.7713	\$ 10,176	\$ 14,65
June	6,162	\$ 3.3396	\$ 20,580	6,162	\$ 0.7791	\$ 4,801	6,162	\$ 1.7713	\$ 10,916	\$ 15,71
July	6,056	\$ 3.3396	\$ 20,223	6,056	\$ 0.7791	\$ 4,718	6,056	\$ 1.7713	\$ 10,726	\$ 15,444
August	6,447	\$ 3.3396	\$ 21,529	6,447	\$ 0.7791	\$ 5,022	6,447	\$ 1.7713	\$ 11,419	\$ 16,44
September	5,554			5,554				\$ 1.7713		\$ 14,165
October	4,478				\$ 0.7791			\$ 1.7713		\$ 11,421
November	5,006				\$ 0.7791			\$ 1.7713		\$ 12,768
December	6,025				\$ 0.7791			\$ 1.7713		\$ 15,367
Total	66,851	\$ 3.35	\$ 223,689	67,580	\$ 0.78	\$ 52,704	67,580	\$ 1.77	\$ 119,886	\$ 172,590
dd Extra Host Here (I)		Network		Lin	e Connect	on	Transfor	mation Co	onnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
T			•			•			•	•
January	- 9		\$- \$-	-	\$- \$-	\$- \$-	-	\$ - ¢	\$- \$-	\$- \$-
February				-			-	\$ -		
March			\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$-
April	- 9		\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May			\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	- 9		\$-	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
-								s -		
July			\$-	-	\$ -	\$ -	-	ф -	\$-	\$ -
-			\$- \$-	-	\$- \$-	s -	-	ş - Ş -	\$- \$-	\$- \$-
July		, \$-	•	- - -			-			
July August	- 9	δ - δ -	\$ -	-	\$ -	\$ -		\$ -	\$ -	\$ -
July August September	- 9	5 - 5 - 5 -	\$- \$-	- - - -	\$ - \$ -	\$ - \$ -		\$- \$-	\$ - \$ -	\$ - \$ - \$ -
July August September October	- { - { - {	5 - 5 - 5 - 5 -	s - s - s -		\$ - \$ - \$ -	\$- \$- \$-	-	\$ - \$ - \$ -	\$ - \$ - \$ -	\$- \$-
July August September October November	- 9 - 9 - 9 - 9	5 - 5 - 5 - 5 - 5 -	\$ - \$ - \$ - \$ -	- - - - -	\$ - \$ - \$ - \$ -	\$- \$- \$- \$-	-	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$- \$- \$- \$-
July August September October November December	- 9 - 9 - 9 - 9	5 - 5 - 5 - 5 - 5 -	\$ - \$ - \$ - \$ - \$ -		\$- \$- \$- \$- \$-	\$ - \$ - \$ - \$ - \$ - \$ - \$ -		s - s - s - s - s -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -
July August September October November December <b>Total</b>	- 9 - 9 - 9 - 9 - 9	5 - 5 - 5 - 5 - 5 -	\$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -
July August September October November December <b>Total</b> dd Extra Host Here (II)	- 2 - 2 - 2 - 2 - 2 - 2 - 2	5 - 5 - 5 - 5 - 5 - 5 - 5 - Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lin	\$ - \$ - \$ - \$ - \$ - \$ -	s - s - s - s - s - s -	Transfor	\$ - \$ - \$ - \$ - \$ - \$ -	\$     -       \$     -       \$     -       \$     -       \$     -       \$     -	\$ - \$ - \$ - \$ - \$ - \$ - \$ -
July August September October November December Total dd Extra Host Here (II) Month January	- 4 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	5 - 5 - 5 - 5 - 5 - 5 - <u>Network</u> Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lin Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - <b>be Connect</b> Rate \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfor	\$ - \$ - \$ - \$ - \$ - \$ - <b>mation Co</b> Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - <b>Total Line</b> Amount
July August September October November December <b>Total</b> dd Extra Host Here (II) Month January February	- 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9	5 - 5 - 5 - 5 - 5 - 5 - Network Rate 5 - 5 - 5 - - 5 - - 5 - - 5 - - 5 - - 5 - - 5 - - - 5 - - - 5 - - - - 5 - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lin Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - • • • • • • • • • • • • • • • • • • •	\$ - \$ - \$ - \$ - \$ - \$ - \$ \$ - \$ \$ - \$ \$ \$ \$	Transfor	\$ - \$ - \$ - \$ - \$ - <b>mation Co</b> <b>Rate</b> \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - <b>Total Line</b> Amount \$ -
July August September October November December <b>Total</b> d Extra Host Here (II) Month January February March	- 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9	5 - 5 - 5 - 5 - 5 - 5 - 5 - <b>Network</b> <b>Rate</b> 5 - 5 - 5 - 5 -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lin Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - <b>S</b> - <b>BECONNECT</b> <b>Rate</b> \$ - \$ - \$ - \$ - \$ - <b>S</b>	s - s - s - s - s - s - <b>on</b> Amount s - s - s - s - s - s - s - s -	Transfor	\$ - \$ - \$ - \$ - \$ - \$ - <b>Mation Co</b> <b>Rate</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ - \$ - \$ - \$ - \$ - \$ - <b>S</b> - <b>Total Line</b> <b>Amount</b> \$ - \$ - \$ - \$ - \$ - <b>S</b> -
July August September October November December Total d Extra Host Here (II) Month January February March April	- 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lin Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - <b>S</b> - <b>BECONNECT</b> <b>Rate</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S - S - S - S - S - S - S - ON Amount S - S - S - S - S - S - S - S -	Transfor	\$ - \$ - \$ - \$ - \$ - \$ - <b>S</b> - <b>Mation Co</b> <b>Rate</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - <b>S</b> - <b>Total Line</b> <b>Amount</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
July August September October November December <b>Total</b> dd Extra Host Here (II) Month January February March April May	- 4 - 5 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	5 - 5 - 5 - 5 - 5 - 5 - Network Rate 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	S - S - S - S - S - S - S - S - S - S -	Lin Units Billed	\$ - \$ - \$ - \$ - \$ - <b>s</b> - <b>b</b> Connect <b>b</b> Connect <b>b</b> Connect <b>b</b> - <b>b</b> - <b>c</b> - <b>b</b> - <b>c</b> - <b></b>	s - s - s - s - s - s - s - s - s - s -	Transfor	\$ - \$ - \$ - \$ - \$ - \$ - <b>Mation Cc</b> <b>Rate</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - <b>S</b> - <b>Total Line</b> <b>Amount</b> \$ - \$ - \$ - \$ - \$ - \$ - <b>S</b> -
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July August September October November December Total de Extra Host Here (II) Month January February March April May June July August	- 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9	5 - 5 - 5 - 5 - 5 - 5 - <b>Network</b> <b>Rate</b> 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lin Units Billed	\$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       - <b>Rate</b> \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -	S - S - S - S - S - S - S - S - S - S -	Transfor	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ <b>S</b> <b>Total Line</b> <b>Amount</b> \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
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#### 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2016 Uniform Transmission Rates are applied against historical 2015 transmission units.

Total		Network			Lin	e Connec	tion		Transform	mation Co	onne	ction	Тс	otal Line
Month	Units Billed	Rate	A	Amount	Units Billed	Rate	А	mount	Units Billed	Rate	A	Amount	A	mount
January	5,972	\$3.41	\$	20,377	5,972	\$0.79	\$	4,705	5,972	\$1.80	\$	10,760	\$	15,466
February	5,758	\$3.34	\$	19,230	6,236	\$0.78	\$	4,858	6,236	\$1.77	\$	11,046	\$	15,904
March	5,247	\$3.34	\$	17,522	5,310	\$0.78	\$	4,137	5,310	\$1.77	\$	9,406	\$	13,543
April	4,481	\$3.34	\$	14,966	4,588	\$0.78	\$	3,575	4,588	\$1.77	\$	8,127	\$	11,702
May	5,665	\$3.34	\$	18,917	5,745	\$0.78	\$	4,476	5,745	\$1.77	\$	10,176	\$	14,651
June	6,162	\$3.34	\$	20,580	6,162	\$0.78	\$	4,801	6,162	\$1.77	\$	10,916	\$	15,717
July	6,056	\$3.34	\$	20,223	6,056	\$0.78	\$	4,718	6,056	\$1.77	\$	10,726	\$	15,444
August	6,447	\$3.34	\$	21,529	6,447	\$0.78	\$	5,022	6,447	\$1.77	\$	11,419	\$	16,441
September	5,554	\$3.34	\$	18,549	5,554	\$0.78	\$	4,327	5,554	\$1.77	\$	9,838	\$	14,165
Ôctober	4,478	\$3.34	\$	14,955	4,478	\$0.78	\$	3,489	4,478	\$1.77	\$	7,932	\$	11,421
November	5,006	\$3.34	\$	16,719	5,006	\$0.78	\$	3,900	5,006	\$1.77	\$	8,867	\$	12,768
December	6,025	\$3.34	\$	20,122	6,025	\$0.78	\$	4,694	6,025	\$1.77	\$	10,673	\$	15,367
Total	66,851 \$	3.3	35 \$	223,689	67,580	\$ 0.78	s	52,704	67,580	\$ 1.77	\$	119,886	\$	172,590

### 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2017 Uniform Transmission Rates are applied against historical 2015 transmission units.

IESO		Network		Line	e Connec	tion	Transform	mation Co	nnection	Tota	al Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Am	ount
January	-	\$ 3.6600	s -	-	\$ 0.8700	s -	-	\$ 2.0200	\$ -	\$	
February	-		\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200		\$	-
March	-		\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200		\$	-
April	_		\$ -		\$ 0.8700	\$ -	-	\$ 2.0200		\$	-
May			\$ \$-		\$ 0.8700	s -		\$ 2.0200		\$	
	-		φ - \$ -	-		ş - Ş -	-			э \$	-
June	-			-	\$ 0.8700		-	\$ 2.0200			-
July	-		\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200		\$	-
August	-		\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200		\$	-
September	-		\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200		\$	-
October	-		\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200		\$	-
November	-	\$ 3.6600		-	\$ 0.8700	\$ -	-	\$ 2.0200		\$	-
December	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$-	\$	-
Total		\$-	\$ -	-	\$-	\$-	-	\$ -	\$-	\$	-
Hydro One		Network		Line	e Connec	tion	Transform	mation Co	nnection	Tota	l Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Am	ount
January	5,972	\$ 3.3396	\$ 19,944	5,972	\$ 0.7791	\$ 4,653	5,972	\$ 1.7713	\$ 10,578	\$	15,231
February		\$ 3.3396			\$ 0.7791	\$ 4,858		\$ 1.7713		\$	15,904
March		\$ 3.3396			\$ 0.7791	\$ 4,137		\$ 1.7713		\$	13,543
April	4,481				\$ 0.7791	\$ 3,575		\$ 1.7713		\$	11,702
May		\$ 3.3390 \$ 3.3396			\$ 0.7791	\$ 3,575 \$ 4,476		\$ 1.7713		\$ \$	14,651
June						\$ 4,476 \$ 4,801					14,651
-					\$ 0.7791			\$ 1.7713		\$	
July	6,056				\$ 0.7791	\$ 4,718		\$ 1.7713		\$	15,444
August		\$ 3.3396			\$ 0.7791			\$ 1.7713		\$	16,441
September	5,554				\$ 0.7791	\$ 4,327	5,554	\$ 1.7713	\$ 9,838	\$	14,165
October	4,478	\$ 3.3396	\$ 14,955	4,478	\$ 0.7791	\$ 3,489	4,478	\$ 1.7713	\$ 7,932	\$	11,421
November	5,006	\$ 3.3396	\$ 16,719	5,006	\$ 0.7791	\$ 3,900	5,006	\$ 1.7713	\$ 8,867	\$	12,768
December	6,025	\$ 3.3396	\$ 20,122	6,025	\$ 0.7791	\$ 4,694	6,025	\$ 1.7713	\$ 10,673	\$	15,367
Total	66,851	\$ 3.34	\$ 223,256	67,580	\$ 0.78	\$ 52,651	67,580	\$ 1.77	\$ 119,704	\$	172,355
Add Extra Host Here (I)		Network		Line	e Connec	tion	Transform	mation Co	nnection	Tota	l Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Am	ount
January	-	\$-	s -	-	\$ -	\$ -	-	\$ -	\$-	\$	-
February	-	\$ -	\$-	-	\$ -	\$-	-	\$ -	\$-	\$	-
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$	-
April	-	\$ -	s -	-	\$ -	\$-	-	\$ -	s -	\$	-
May	-	\$ -	\$ -	-	s -	s -	-	\$ -	s -	\$	-
June	-	s -	\$ -	-	s -	s -					_
July			-					ъ –	s -	\$	
	-	- S	s -	-		•	-	\$ - \$ -	\$ - \$ -	\$ \$	-
	-	\$ - ¢	\$ - \$	-	\$ -	\$ -	-	\$ -	\$ -	\$	-
August	-	\$ -	\$ -	-	\$- \$-	\$- \$-	-	\$ - \$ -	\$- \$-	\$ \$	-
September	- -	\$- \$-	\$ - \$ -	- - -	\$- \$- \$-	\$- \$- \$-		\$ - \$ - \$ -	\$- \$- \$-	\$ \$ \$	- - -
September October	- - -	\$- \$- \$-	\$- \$- \$-	- - -	\$- \$- \$- \$-	s - s - s - s -		\$- \$- \$- \$-	\$ - \$ - \$ - \$ -	\$ \$ \$ \$	- - -
September October November	-	\$- \$- \$- \$-	\$ - \$ - \$ - \$ -		s - s - s - s - s -	\$ - \$ - \$ - \$ - \$ - \$ -	-	\$- \$- \$- \$- \$- \$-	\$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$	- - - -
September October November December		\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ -	-	\$ - \$ - \$ - \$ - \$ - \$ -	\$- \$- \$- \$- \$- \$- \$-	\$ \$ \$ \$ \$	
September October November December <b>Total</b>		\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfor	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$	- - - - -
September October November December <b>Total</b> Add Extra Host Here (II)	-	\$ - \$ - \$ - \$ - \$ - \$ - \$ \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	- Line	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - <b>e Connec</b>	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform	\$ - \$ - \$ - \$ - \$ - \$ - mation Co	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ <b>Tota</b>	- - - - - - - - - - - - - - - - - - -
September October November December Total Add Extra Host Here (II) Month		\$ - \$ - \$ - \$ - \$ - \$ - \$ \$ - \$ <b>Network</b> Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - mation Co Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ <b>\$</b> <b>Tota</b>	- - - - - - - - - - - - - - - - - - -
September October November December Total Add Extra Host Here (II) Month January	-	\$ - \$ - \$ - \$ - \$ - \$ - \$ \$ - \$ \$ <b>Network</b> Rate \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ \$ - \$ \$ - \$ \$	- Line	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ \$	Transform	\$ - \$ - \$ - \$ - \$ - \$ - <b>mation Co</b> Rate \$ -	s - s - s - s - s - s - s - s -	\$ \$ \$ \$ <b>Tota</b> \$	
September October November December Total Add Extra Host Here (II) Month January February	-	\$ - \$ - \$ - \$ - \$ - \$ - \$ \$ - \$ <b>Network</b> <b>Rate</b> \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ <b>Amount</b> \$ - \$ - \$ - \$ -	- Line	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ <b>e Connec</b> <b>Rate</b> \$ - \$ - \$ - \$ -	s - s - s - s - s - s - s - tion Amount s - s - s -	Transform	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ <b>Rate</b> \$ - \$ - \$ - \$ -	s - s - s - s - s - s - s - s -	s s s s s s s <b>Tota</b> Am	
September October November December Total Add Extra Host Here (II) Month January February March	-	\$ - \$ - \$ - \$ - \$ - \$ - \$ <b>Network</b> <b>Rate</b> \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ <b>Amount</b> \$ - \$ - \$ - \$ - \$ - \$ -	- Line	s - s - s - s - s - s - s - s -	s - s - s - s - s - s - <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u>	Transform	s - s - s - s - s - <u>s -</u> <u>s -</u> <u>s -</u> <u>Rate</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u>	s - s - s - s - s - s - s - s -	s s s s s <u>s</u> Tota S s s	
September October November December Total Add Extra Host Here (II) Month January February March April	-	\$ - \$ - \$ - \$ - \$ - \$ - \$ \$ - \$ <b>Network</b> <b>Rate</b> \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ <b>Amount</b> \$ - \$ - \$ - \$ -	- Line	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ <b>e Connec</b> <b>Rate</b> \$ - \$ - \$ - \$ -	s - s - s - s - s - s - s - tion Amount s - s - s -	Transform	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ <b>Rate</b> \$ - \$ - \$ - \$ -	s - s - s - s - s - s - s - s -	s s s s s s s <b>Tota</b> Am	
September October November December Total Add Extra Host Here (II) Month January February March	-	\$ - \$ - \$ - \$ - \$ - \$ - \$ <b>Network</b> <b>Rate</b> \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ <b>Amount</b> \$ - \$ - \$ - \$ - \$ - \$ -	- Line	s - s - s - s - s - s - s - s -	s - s - s - s - s - s - <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u>	Transform	s - s - s - s - s - <u>s -</u> <u>s -</u> <u>s -</u> <u>Rate</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u>	s - s - s - s - s - s - s - s -	s s s s s <u>s</u> Tota S s s	
September October November December Total Add Extra Host Here (II) Month January February March April	-	s     -       s     -       s     -       s     -       s     -       s     -       Network       Rate       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- Line	s - s - s - s - s - s - s - s -	s - s - s - s - s - s - tion Amount S - s - s - s - s - s - s - s - s	Transform	s - s - s - s - s - s - <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u> <u>s -</u>	s - s - s - s - s - s - s - s -	s s s s s s Tota Am	
September October November December Total Add Extra Host Here (II) Month January February March April May	-	s     -       s     -       s     -       s     -       s     -       Network       Rate       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- Line	s - s - s - s - s - s - s - s -	s - s - s - s - s - s - s - tion Amount s - s - s - s - s - s - s - s -	Transform	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	s - s - s - s - s - s - s - s -	s s s s s Tota Am	
September October November December Total Add Extra Host Here (II) Month January February March April May June June July	-	s     -       s     -       s     -       s     -       s     -       Network       Rate       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -       s     -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- Line	s - s - s - s - s - s - s - s -	s - s - s - s - s - s - tion Amount S - s - s - s - s - s - s - s - s	Transform	s - s - s - s - s - s - s - mation Co Rate s - s - s - s - s - s - s - s -	s - s - s - s - s - s - s - s -	\$ \$ \$ \$ \$ <b>Tota</b> <b>Am</b> \$ \$ \$ \$ \$ \$ \$ \$	
September October November December Total Add Extra Host Here (II) Month January February March April May June July August	-	S - S - S - S - S - S - S - S - S - S -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- Line	s - s - s - s - s - s - s - s -	s - s - s - s - s - s - tion Amount s - s - s - s - s - s - s - s -	Transform	s - s - s - s - s - s - s - s -	s - s - s - s - s - s - s - s -	s s s s s <b>Tota</b> s s s s s s s s s s s s s s s s s	
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### 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2017 Uniform Transmission Rates are applied against historical 2015 transmission units.

Total		Netwo	rk		Lin	e C	onneo	tion		Transfor	mat	tion Cor	nnection	То	otal Line
Month	Units Billed	Rate		Amount	Units Billed	1	Rate	An	nount	Units Billed	]	Rate	Amount	A	mount
January	5,972	\$ 3.	34	19,944	5,972	\$	0.78		4,653	5,972	\$	1.77	10,578	\$	15,231
February	5,758	\$ 3.	34	19,230	6,236	\$	0.78		4,858	6,236	\$	1.77	11,046	\$	15,904
March	5,247	\$ 3.	34	17,522	5,310	\$	0.78		4,137	5,310	\$	1.77	9,406	\$	13,543
April	4,481	\$ 3.	34	14,966	4,588	\$	0.78		3,575	4,588	\$	1.77	8,127	\$	11,702
May	5,665	\$ 3.	34	18,917	5,745	\$	0.78		4,476	5,745	\$	1.77	10,176	\$	14,651
June	6,162	\$ 3.	34	20,580	6,162	\$	0.78		4,801	6,162	\$	1.77	10,916	\$	15,717
July	6,056	\$ 3.	34	20,223	6,056	\$	0.78		4,718	6,056	\$	1.77	10,726	\$	15,444
August	6,447	\$ 3.	34	21,529	6,447	\$	0.78		5,022	6,447	\$	1.77	11,419	\$	16,441
September	5,554	\$ 3.	34	18,549	5,554	\$	0.78		4,327	5,554	\$	1.77	9,838	\$	14,165
October	4,478	\$ 3.	34	14,955	4,478	\$	0.78		3,489	4,478	\$	1.77	7,932	\$	11,421
November	5,006	\$ 3.	34	16,719	5,006	\$	0.78		3,900	5,006	\$	1.77	8,867	\$	12,768
December	6,025	\$ 3.	34	20,122	6,025	\$	0.78		4,694	6,025	\$	1.77	10,673	\$	15,367
Total	66,851	\$ 3.	34 \$	223,256	67,580	\$	0.78	\$	52,651	67,580	\$	1.77	\$ 119,704	\$	172,355

## 2017 RTSR Workform for Electricity Distributors

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential	RTSR - Network	kWh	0.0073	20,545,898	0	150,484	68.8%	153,924	0.0075
General Service Less Than 50 kW	RTSR - Network	kWh	0.0068	4,849,299	0	32,906	15.0%	33,658	0.0069
General Service 50 to 4,999 kW	RTSR - Network	kW	2.7157		12,058	32,746	15.0%	33,495	2.7778
Unmetered Scattered Load	RTSR - Network	kWh	0.0068	99,469	0	675	0.3%	690	0.0069
Street Lighting	RTSR - Network	kW	2.0482		917	1,878	0.9%	1,921	2.0950

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	RTSR - Connection	kWh	0.0057	20,545,898	0	118,130	70.0%	120,892	0.0059
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0050	4,849,299	0	24,199	14.3%	24,765	0.0051
General Service 50 to 4,999 kW	RTSR - Connection	kW	2.0225		12,058	24,388	14.5%	24,958	2.0698
Unmetered Scattered Load	RTSR - Connection	kWh	0.0050	99,469	0	496	0.3%	508	0.0051
Street Lighting	RTSR - Connection	kW	1.5636		917	1,434	0.9%	1,467	1.6001

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 %	Current Wholesale Billing	Proposed RTSR- Network
Residential	RTSR - Network	kWh	0.0075	20,545,898	0	153,924	68.8%	153,627	0.0075
General Service Less Than 50 kW	RTSR - Network	kWh	0.0069	4,849,299	0	33,658	15.0%	33,593	0.0069
General Service 50 to 4,999 kW	RTSR - Network	kW	2.7778		12,058	33,495	15.0%	33,430	2.7724
Unmetered Scattered Load	RTSR - Network	kWh	0.0069	99,469	0	690	0.3%	689	0.0069
Street Lighting	RTSR - Network	kW	2.0950		917	1,921	0.9%	1,917	2.0910

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 %	Current Wholesale Billing	Proposed RTSR- Connection
Residential	RTSR - Connection	kWh	0.0059	20,545,898	0	120,892	70.0%	120,727	0.0059
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0051	4,849,299	0	24,765	14.3%	24,731	0.0051
General Service 50 to 4,999 kW	RTSR - Connection	kW	2.0698		12,058	24,958	14.5%	24,924	2.0670
Unmetered Scattered Load	RTSR - Connection	kWh	0.0051	99,469	0	508	0.3%	507	0.0051
Street Lighting	RTSR - Connection	kW	1.6001		917	1,467	0.9%	1,465	1.5979