

EXHIBIT 8:
RATE DESIGN

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1 **2.8 EXHIBIT 8 RATE DESIGN**

2 **2.8.1 RATE DESIGN OVERVIEW**

3 This Exhibit documents the calculation of NBHDL's proposed distribution rates by rate class for the 2021 Test
4 Year, based on the rate design as proposed in this Exhibit.

5 NBHDL has determined its total service revenue requirement to be \$15,685,587. The total revenue offsets in
6 the amount of \$1,228,466 reduce NBHDL's total service revenue requirement to a base revenue requirement
7 of \$14,457,121 which is used to determine the proposed distribution rates. The base revenue requirement is
8 derived from NBHDL's capital and operating spending forecasts, weather normalized usage, forecasted
9 customer counts, and regulated return on rate base. The revenue requirement is summarized in Table 8-1
10 below:

11 **Table 8 - 1: Calculation of Base Revenue Requirement**

Description	Amount
OM&A Expenses	\$8,565,938
Amortization Expenses	\$3,348,110
Property Taxes	\$96,944
LEAP	\$18,823
Regulated Return On Capital	\$3,655,772
PILs	\$0
Service Revenue Requirement	\$15,685,587
Less Revenue Offsets	\$1,228,466
Base Revenue Requirement	\$14,457,121

12

13 The outstanding base revenue requirement is allocated to the various rate classes as outlined in Exhibit 7 –
14 Cost Allocation, Table 7-7. The following Table 8-2 outlines the allocation of the base revenue requirement
15 to the rate classes.

16

Table 8 - 2: Proposed Apportionment of Base Revenue to Rate Classes

Rate Class	2021 Proposed Base Revenue Requirement
Residential	\$8,839,633
General Service < 50 kW	\$2,634,802
General Service 50 to 2999 kW	\$2,683,554
General Service 3000 to 4999 kW	\$111,780
Street Lighting	\$147,909
Sentinel Lighting	\$38,348
Unmetered Scattered Load	\$1,095
Total	\$14,457,121

2.8.1.1 Fixed/Variable Proportion

2.8.1.1.1 Current Fixed / Variable Proportion

Based on applying the existing 2020 approved monthly service charges to the forecasted number of customers for 2021, along with existing approved 2020 distribution volumetric charge, excluding rate riders, the adjustment for Low Voltage ("LV") and the transformer allowance, applied to the 2021 forecasted volumes, the following Table 8-3 outlines NBHDL's current split between fixed and variable distribution revenue.

Table 8 - 3: Current Fixed Variable Split

Rate Class	2021 Fixed Base Revenue with 2020 Approved Rates	2021 Variable Base Revenue with 2020 Approved Rates	2021 Total Base Revenue with 2020 Approved Rates	Fixed Revenue Proportion	Variable Revenue Proportion
Residential	\$7,479,179	\$0	\$7,479,179	100.0%	0.0%
General Service < 50 kW	\$794,700	\$1,517,488	\$2,312,188	34.4%	65.6%
General Service 50 to 2999 kW	\$1,019,241	\$1,263,511	\$2,282,752	44.6%	55.4%
General Service 3000 to 4999 kW	\$80,810	\$17,283	\$98,093	82.4%	17.6%
Street Lighting	\$329,345	\$154,509	\$483,854	68.1%	31.9%
Sentinel Lighting	\$24,480	\$5,301	\$29,781	82.2%	17.8%
Unmetered Scattered Load	\$597	\$502	\$1,099	54.4%	45.6%
Total	\$9,728,352	\$2,958,594	\$12,686,946	76.7%	23.3%

1 **2.8.1.1.2 Proposed Monthly Service Charge**

2 NBHDL proposes to maintain the fixed/variable proportions assumed in the current rates to design the
3 proposed monthly service charges. This proposal is consistent with the Ontario Energy Board's ("Board")
4 Decision in the following cases:

5 (a) Centre Wellington Hydro Ltd. - 2013 Cost of Service Rate (EB-2012-0113);

6 (b) Atikokan Hydro Inc. - 2012 Cost of Service Rate (EB-2011-0293);

7 (c) Espanola Regional Hydro Distribution Corporation - 2012 Cost of Service Rate (EB-2011-0319);

8 (d) Horizon Utilities Corporation - 2011 Cost of Service application (EB-2010-0131);

9 (e) Hydro One Brampton Networks Inc. - 2011 Cost of Service application (EB-2010-0132);

10 (f) Kenora Hydro Electric Corporation Ltd.- 2011 Cost of Service application (EB-2010-0135); and

11 (g) In Horizon Utilities Corporation's ("Horizon") decision on their 2015 rates (EB-2014-0002) the Board
12 approved Horizon's proposal to maintain the fixed/variable split. The following outlines the Board
13 findings with regards to proposed fixed/variable split:

14 *"The Board accepts Horizon's proposal. While the Board's current policy direction is to move toward*
15 *an increased fixed charge, this consideration was not the sole basis upon which the Board reached*
16 *its Decision. The Settlement Agreement contains a re-opener provision which would address any*
17 *policy change related to an increased fixed charge.*

18 *A fixed/variable split above the ceiling was approved in Horizon's last cost of service proceeding. In*
19 *this application, Horizon has maintained the fixed/variable split.*

20 *The Board notes that a principle of rate design is that in most circumstances rate stability is desirable.*
21 *Counter-direction in rates can be confusing to ratepayers. Horizon has chosen to maintain a*
22 *fixed/variable split that moves above the ceiling. Intervenors argue that this is contrary to the Board's*
23 *report in EB-2007-0667."*

24 On April 2, 2015, the OEB released its *Board Policy: A New Distribution Rate Design for Residential Electricity*
25 *Customers* (EB-2012-0410). On page 9 of that policy it states:

1

Table 8 - 5: Monthly Service Charge Comparison

Rate Class	Current 2020 Monthly Service Charge	Proposed 2021 Monthly Service Charge	Minimum System with PLCC Adjustment (Ceiling Fixed Charge From Cost Allocation Model)	Customer Unit Cost per Month - Avoided Cost (Floor Fixed Charge from Cost Allocation Model)
Residential	\$29.19	\$34.50	\$23.48	\$5.36
General Service < 50 kW	\$25.00	\$28.49	\$37.20	\$10.09
General Service 50 to 2999 kW	\$315.75	\$371.19	\$76.84	\$42.71
General Service 3000 to 4999 kW	\$6,734.18	\$7,673.78	\$228.63	\$117.27
Street Lighting	\$5.06	\$1.55	\$1.76	\$0.00
Sentinel Lighting	\$5.10	\$6.57	\$9.13	\$0.15
Unmetered Scattered Load	\$5.53	\$5.51	\$6.09	\$0.15

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2.8.1.1.3 Proposed Volumetric Charges

4 The variable distribution charge is calculated by dividing the variable distribution portion of the base revenue
 5 requirement by the appropriate 2021 Test Year usage, kWh or kW, as the class charge determinant.

6 Table 8-6 below, provides NBHDL's calculation of its proposed variable distribution charges for the 2021 Test
 7 Year.

8

1 **Table 8 - 6: Proposed Distribution Volumetric Charge**

Rate Class	Total Base Revenue Requirement	Variable Revenue Proportion	Variable Revenue	Annualized kWh or kW as required	Unit of Measure	Proposed Distribution Volumetric Charge before Transformer Allowance
Residential	\$8,839,633	0.0%	\$0	201,705,111	kWh	\$0.0000
General Service < 50 kW	\$2,634,802	65.6%	\$1,729,219	79,035,853	kWh	\$0.0219
General Service 50 to 2999 kW	\$2,683,554	55.4%	\$1,485,356	514,190	kW	\$2.8887
General Service 3000 to 4999 kW	\$111,780	17.6%	\$19,695	27,098	kW	\$0.7268
Street Lighting	\$147,909	31.9%	\$47,232	5,690	kW	\$8.3008
Sentinel Lighting	\$38,348	17.8%	\$6,826	298	kW	\$22.9051
Unmetered Scattered Load	\$1,095	45.6%	\$500	39,490	kWh	\$0.0127
Total	\$14,457,121		\$3,288,828			

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1 **2.8.1.1.4 Proposed Adjustment for Transformer Allowance**

2 Currently, NBHDL provides a Transformer Allowance to those customers that own their transformation
3 facilities. NBHDL proposes to maintain the current approved transformer ownership allowance of \$0.60 per
4 kW. The Transformer Allowance is intended to reflect the costs to a distributor of providing step down
5 transformation facilities to the customer's utilization voltage level. Since the distributor provides electricity at
6 utilization voltage, the cost of this transformation is captured in and recovered through the distribution rates.
7 Therefore, when a customer provides its own step down transformation from primary to secondary, it should
8 receive a credit of these costs already included in the distribution rates.

9 The amount of Transformer Allowance expected to be provided to the customers in the General Service 50 to
10 2,999 kW and the General Service 3,000 to 4,999 kW classes that own their transformers has been included
11 in the volumetric charge for this class. For the General Service 50 to 2,999 kW class the kW volumetric charge
12 of \$2.8887 per kW will increase by \$0.1786 per kW to a total of \$3.0673 per kW to recover the amount of the
13 Transformer Allowance over all kW in the General Service 50 to 2,999 kW class. For the General Service
14 3,000 to 4,999 kW class the kW volumetric charge of \$0.7268 per kW will increase by \$0.60 per kW to a total
15 of \$1.3268 per kW to recover the amount of the Transformer Allowance over all kW in the General Service
16 3,000 to 4,999 kW class.

17 **2.8.2 RATE DESIGN POLICY**

18 **2.8.2.1 Proposed Distribution Rates**

19 The following Table 8-7 sets out NBHDL's proposed electricity distribution rates based on the foregoing
20 calculations, including adjustments for the recovery of transformer allowance. These rates are consistent with
21 those calculated in tab 13 of the RRWF.

22 On April 2, 2015, the OEB released the *Report of the Board: A New Rate Design for Electricity Residential*
23 *Customers (EB-2012-0410)* and determined that residential distribution rates would move to a fully-fixed
24 monthly charge over a four-year period. This transition process requires that the fixed charge is increased
25 gradually while the volumetric charge is reduced slowly, so that the customer rate impact and the distributor's
26 residential class revenue remains neutral. In the 2016 Rate Application (EB-2015-0092), NBHDL received
27 approval to transition the residential rate to a fully-fixed rate over a four- year period, commencing with the
28 May 1, 2016 rates. NBHDL completed this transition of residential customers to fully-fixed rates effective May
29 1, 2019.

30

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Table 8 - 7: Proposed Distribution Rates – Fixed and Volumetric

Rate Class	Proposed Monthly Service Charge	Unit of Measure	Proposed Distribution Volumetric Charge incl Transformer Allowance Adjustment
Residential	\$34.50	kWh	\$0.0000
General Service < 50 kW	\$28.49	kWh	\$0.0219
General Service 50 to 2999 kW	\$371.19	kW	\$3.0673
General Service 3000 to 4999 kW	\$7,673.78	kW	\$1.3268
Street Lighting	\$1.55	kW	\$8.3008
Sentinel Lighting	\$6.57	kW	\$22.9051
Unmetered Scattered Load	\$5.51	kWh	\$0.0127
Transformer Discount			(\$0.60)

2.8.2.2 Revenue Reconciliation

Table 8-8 below reconciles the total 2021 Service Revenue Requirement, Other Revenue (Revenue Offsets) and Base Revenue Requirement per rate class. This is compared to the 2021 Base Revenue at 2020 Approved Rates per Table 8-3. Table 8-9 below, provides a reconciliation between the revenue based on 2021 Proposed Distribution Rates and the Base Revenue Requirement along with detailed calculations per rate class.

Table 8 - 8: Test Year Current vs Proposed Rates

Rate Class	2021 Total Base Revenue with 2020 Approved Rates	2021 Revenue at Proposed Rates		
		Base Revenue Requirement	Other Revenue	Service Revenue Requirement
Residential	\$ 7,479,179	\$ 8,839,633	\$ 763,862	\$ 9,603,495
General Service < 50 kW	\$ 2,312,188	\$ 2,634,802	\$ 187,925	\$ 2,822,727
General Service 50 to 2999 kW	\$ 2,282,752	\$ 2,683,554	\$ 232,301	\$ 2,915,855
General Service 3000 to 4999 kW	\$ 98,093	\$ 111,780	\$ 10,372	\$ 122,152
Street Lighting	\$ 483,854	\$ 147,909	\$ 28,722	\$ 176,631
Sentinel Lighting	\$ 29,781	\$ 38,348	\$ 5,162	\$ 43,510
Unmetered Scattered Load	\$ 1,099	\$ 1,095	\$ 121	\$ 1,216
Total	\$ 12,686,946	\$ 14,457,121	\$ 1,228,466	\$ 15,685,586

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Table 8 - 9: NBHDL Test Year Distribution Revenue Reconciliation

Stage in Process: Initial Application					Class Allocated Revenues			Fixed / Variable Splits ²		Distribution Rates				Revenue Reconciliation				
Customer and Load Forecast					From Sheet 11. Cost Allocation and Sheet 12. Residential Rate Design			Percentage to be entered as a fraction between 0 and 1		Transformer Ownership Allowance ¹ (\$)	Monthly Service Charge		Volumetric Rate		MSC Revenues	Volumetric revenues	Revenues less Transformer Ownership Allowance	
Customer Class	Volumetric Charge Determinant	Customers / Connections	kWh	kW or kVA	Total Class Revenue Requirement	Monthly Service Charge	Volumetric	Fixed	Variable		Rate	No. of decimals	Rate	No. of decimals				
From sheet 10. Load Forecast																		
1 Residential	kWh	21,352	201,705,111	-	\$ 8,839,633	\$ 8,839,633	\$ -	100.00%	0.00%		\$34.50	2	\$0.0000 /kWh	4	\$ 8,839,728.00	\$ -	\$ 8,839,728.00	
2 GS<50	kWh	2,649	79,035,853	-	\$ 2,634,802	\$ 905,582	\$ 1,729,219	34.37%	65.63%		\$28.49		\$0.0219 /kWh		\$ 905,640.12	\$ 1,730,885.1807	\$ 2,636,525.30	
3 GS>50	kWh	269	193,697,533	514,190	\$ 2,683,554	\$ 1,198,198	\$ 1,485,356	44.65%	55.35%	\$ 91,844	\$371.19		\$3.0673 /kW		\$ 1,198,201.32	\$ 1,577,174.9870	\$ 2,683,532.31	
4 GS>2000~5000	kW	1	14,455,054	27,098	\$ 111,780	\$ 92,085	\$ 19,695	82.38%	17.62%	\$ 16,259	\$7,673.78		\$1.3268 /kW		\$ 92,085.36	\$ 35,953.6264	\$ 111,780.03	
5 Street Lighting	kW	5,424	2,036,369	5,690	\$ 147,909	\$ 100,677	\$ 47,232	68.07%	31.93%		\$1.55		\$8.3008 /kW		\$ 100,686.40	\$ 47,231.5520	\$ 148,117.95	
6 Sentinel Lights	kW	400	117,429	298	\$ 38,348	\$ 31,522	\$ 6,826	82.20%	17.80%		\$6.57		\$22.9051 /kW		\$ 31,536.00	\$ 6,825.7198	\$ 38,361.72	
7 UMSL	kWh	9	39,490	-	\$ 1,095	\$ 595	\$ 500	54.36%	45.64%		\$5.51		\$0.0127 /kWh		\$ 595.08	\$ 501.5230	\$ 1,096.60	
8															\$ -	\$ -	\$ -	
9															\$ -	\$ -	\$ -	
10															\$ -	\$ -	\$ -	
11															\$ -	\$ -	\$ -	
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20															\$ -	\$ -	\$ -	
Total Transformer Ownership Allowance										\$ 108,103						Total Distribution Revenues		\$14,459,141.91
											Rates recover revenue requirement					Base Revenue Requirement		\$14,457,121.12
																Difference		\$ 2,020.79
																% Difference		0.014%

Notes:

¹ Transformer Ownership Allowance is entered as a positive amount, and only for those classes to which it applies.

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1 **2.8.3 RETAIL TRANSMISSION SERVICE RATES**

2 **2.8.3.1 Retail Transmission Rates**

3 NBHDL confirms that the RTSR information provided is consistent with the working capital allowance
 4 calculation. NBHDL currently pays for transmission service to both the IESO and to Hydro One that are then
 5 passed onto NBHDL's customers per the Board-approved rate. NBHDL receives wholesale transmission
 6 service from seven metered points that are directly connected to the grid. NBHDL is billed Uniform
 7 Transmission Rates by the IESO on all capacity delivered through these seven points. As described in Exhibit
 8 1 Section 2.1.5.2 Identification of Embedded or Host Utilities, NBHDL is embedded in Hydro One's 44 kV sub
 9 transmission system at the City of North Bay water treatment plant located at 248 Lakeside Drive and at
 10 Substation #17, which is located in North Bay's rural area at 20 Peninsula Road. Hydro One is the
 11 transmission customer of the IESO at these two points. For these points, Hydro One would pay the IESO
 12 wholesale transmission charges calculated at the Ontario Uniform Transmission Rates and pass them on to
 13 NBHDL at Hydro One's approved rates.

14 The Board has provided a 2021 RTSR Workform to be completed as part of a 2021 cost of service rate
 15 applications. NBHDL has completed this Workform to determine the RTSR's and has filed the Workform as
 16 part of this application. The RTSR Workform is also provided in Appendix 8-A in PDF format. Please see
 17 Table 8-10 below for the RTSR rates generated from the 2021 Workform.

18 **Table 8 - 10: Proposed Retail Transmission Rates**

Rate Class	Retail Transmission Network Rates		Retail Transmission Connection Rates	
	Per kWh	Per kW	Per kWh	Per kW
Residential	\$0.0069		\$0.0072	
General Service < 50 kW	\$0.0061		\$0.0069	
General Service 50 to 2999 kW		\$2.4178		\$2.7533
General Service 3000 to 4999 kW		\$2.6719		\$2.9206
Street Lighting		\$1.9080		\$2.0766
Sentinel Lighting		\$1.8689		\$2.0868
Unmetered Scattered Load	\$0.0061		\$0.0069	

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 20 **2.8.4 RETAIL SERVICE CHARGES**

21 On February 14, 2019, the OEB issued its Decision and Order on Energy Retailer Service Charges (EB-
 22 2015-0304). The report stated that the rates are subject to an adjustment mechanism using the annual
 23 adjustment factor applied in the OEB's incentive regulation mechanism. For the purposes of this Application,
 24 NBHDL is using the proposed inflation factor of 2% on 2020 charges as outlined in the Excel spreadsheets
 25 filed alongside this application called, NBHDL_2021_Tariff_Schedule_and_Bill_Impact_Model_NO GS
 26 3000-5000_20210105 and NBHDL_2021_Tariff_Schedule_and_Bill_Impact_Model_GS 3000-

1 5000_ONLY_20210105. Table 8-11 below provides the Proposed Charges for Retail Service charges in its
 2 2021 Test Year budget.

Table 8 - 6: Retail Service Charges

Charge Type	CURRENT	2021 (2%)
One-Time Retailer Establishment	\$102.00	\$104.04
Fixed Monthly Charge	\$40.80	\$41.62
Variable Charge	\$1.02	\$1.04
Distributor Consolidated Billing	\$0.61	\$0.62
Retailer Consolidated Billing	(\$0.61)	(\$0.62)
STR - Request Fee	\$0.51	\$0.52
STR - Processing Fee	\$1.02	\$1.04
Information Request	\$4.08	\$4.16
Notice of Switch	\$2.04	\$2.08

4
 5 In the OEB's Decision and Order in the matter of energy retailer service charges effective May 1, 2019 (EB-
 6 2015-0304) it was noted that Electricity distributors that currently record the revenues and costs associated
 7 with the RCVAs are expected to continue to do so until their next rebasing application. At rebasing, the
 8 balances will be disposed of and the RCVAs will be eliminated.”

9 In this Application, NBHDL will clear accounts 1518 RCVA – Retail and 1548 RCVA – STR and eliminate
 10 these variance accounts. This has been discussed in Exhibit 9. Forecasted Retail Service Costs and
 11 Revenues have been included in revenue requirement.

2.8.5 REGULATORY CHARGES

13 On December 10, 2020 the Board issued a Decision and Order (EB-2020-0276) establishing that the
 14 Wholesale Market Service (WMS) rate used by rate-regulated distributors to bill their customers shall be
 15 \$0.0030 per kilowatt-hour, effective January 1, 2021. For Class B customers a Capacity Base Recovery (CBR)
 16 component of \$0.0004 per kilowatt-hour shall be added to the WMS rate for a total of \$0.0034 per kilowatt-
 17 hour. These rates were unchanged from the prior year. For Class A customers, distributors shall bill the actual
 18 CBR costs to Class A customers in proportion to their contribution to peak.

19 On December 10, 2020, the Board issued a Decision and Order (EB-2020-0276) establishing that the RRRP
 20 charge used by rate-regulated distributors to bill their customers shall be \$0.0005 per kilowatt-hour for
 21 electricity consumers on or after January 1, 2021. This unit rate shall apply to a customer's metered energy
 22 consumption adjusted by the distributor's OEB-approved Total Loss Factor. This rate was also unchanged
 23 from the prior year.

1 The Standard Supply Service Charge is set by the OEB as an administrative fee payable by customers who
2 purchase electricity directly from their distributors. The rate is set by the OEB on a generic basis. The current
3 rate is \$0.25 per customer per month.

4 **2.8.6 SPECIFIC SERVICE CHARGES**

5 NBHDL is not proposing any changes to the specific service charges in this application

6 **2.8.6.1 Wireline Pole Attachment Charge**

7 As part of EB-2020-0288, the OEB ordered that the wireline pole attachments be maintained at \$44.50
8 effective January 1, 2021 per attacher per year per pole, on an interim basis. NBHDL does not have an LDC
9 specific charge and will charge the OEB approved rate to its pole line attachers.

10 **2.8.7 LOW VOLTAGE SERVICE RATES**

11 Forecasted low voltage charges of \$68,752.40 from Hydro One for 2021 have been allocated to each rate
12 class based on the proportion of proposed retail transmission connection revenue collected from each class.

13 Low Voltage expense of \$68,752.40 has been estimated by utilizing current approved LV rates. NBHDL
14 applied these rates to 12 months of historical actual billed kW, resulting in a charge of \$68,752.40. The
15 calculation is below in Table 8-12.

16 **Table 8 - 7: Low Voltage Forecasted Charges**

Distributor	12-Month Billed kW (Nov'19-Oct'20)	Current Rate/kW	Fixed Sub Transmission	LV Expense	Decision Reference
Hydro One Networks	37,247.07	\$1.48540	\$13,425.60	\$68,752.40	EB-2019-0043

17
18 The calculation to recover the 2021 Low Voltage amount is outlined in the following Table 8-13:

1 **Table 8 - 8: Low Voltage Charges – Determination of Rates**

Rate Class	Retail TX Connection Rates		Billing Determinants		Allocation of Low Voltage Charges			Low Voltage Charge Rates	
	Per kWh	Per kW	Annualized kWh or kW	Unit of Measure	Retail Tx Connection Revenue - Basis for Allocation (\$)	Allocation Percentages	Allocated \$	Low Voltage Rates/kWh	Low Voltage Rates/ kW
Residential	\$0.0069		201,705,111	kWh	\$1,391,765	43.48%	\$29,891	\$0.00015	
General Service < 50 kW	\$0.0061		79,035,853	kWh	\$482,119	15.06%	\$10,355	\$0.00013	
General Service 50 to 2999 kW		\$2.4178	514,190	kW	\$1,243,210	38.84%	\$26,701		\$0.05193
General Service 3000 to 4999 kW		\$2.6719	27,098	kW	\$72,404	2.26%	\$1,555		\$0.05739
Street Lighting		\$1.9080	5,690	kW	\$10,857	0.34%	\$233		\$0.04098
Sentinel Lighting		\$1.8689	298	kW	\$557	0.02%	\$12		\$0.04014
Unmetered Scattered Load	\$0.0061		39,490	kWh	\$241	0.01%	\$5	\$0.00013	
Total			281,327,731		\$3,201,152	100.00%	\$68,752		

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Table 8-14 below, outlines the low voltage cost analysis for 2017 to 2019, the 2020 Bridge Year and the 2021 Test Year.

Table 8 - 9: Low Voltage Costs Analysis

Distributor	2017	2018	2019	2020 Bridge	2021 Test
Hydro One Networks	\$ 54,169	\$ 55,165	\$ 70,091	\$ 66,877	\$ 68,752

Low Voltage costs can vary year over year due to both rates and load. In the three-year historical period, NBHDL experienced a significant increase from 2018 to 2019. This is due to a combination of updated Hydro One Network Rates midway through 2019 and an increase in the overall load on the common lines.

2.8.8 SMART METER ENTITY CHARGE

On March 23, 2018, the OEB issued its Decision and Order regarding the Independent Electricity System Operator / Smart Metering Entity – Smart Metering Charge 2018-2022 20 (EB-2017-0290). This Decision approved the smart metering charge (SMC) to be levied and collected by the Independent Electricity System Operator in its capacity as the Smart Metering Entity (SME), effective January 1, 2018. The new SMC is \$0.57 per smart meter per month.

NBHDL has followed the accounting guidance for the Smart Meter Entity charge as provided in an OEB letter dated March 23, 2018.

2.8.9 LOSS ADJUSTMENT FACTORS

NBHDL has calculated the total loss factor to be applied to customers' consumption based on the average wholesale and retail kWh for the years 2015 to 2019. The calculations are summarized in the following Table 8-15 which also consistent with calculations provided in Appendix 2-R, a copy of which is included in Appendix 8-E.

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Table 8 - 10: Loss Factor Calculation

	Historical Years					5-Year Average	
	2015	2016	2017	2018	2019		
Losses Within Distributor's System							
A(1)	"Wholesale" kWh delivered to distributor (higher value)	538,323,196	508,987,624	500,698,339	514,889,565	514,147,824	515,409,310
A(2)	"Wholesale" kWh delivered to distributor (lower value)	535,155,628	506,019,934	497,811,604	511,965,704	511,122,664	512,415,107
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)						0
C	Net "Wholesale" kWh delivered to distributor = A(2) - B	535,155,628	506,019,934	497,811,604	511,965,704	511,122,664	512,415,107
D	"Retail" kWh delivered by distributor	516,728,999	488,765,497	482,398,546	496,980,971	495,761,810	496,127,165
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)						0
F	Net "Retail" kWh delivered by distributor = D - E	516,728,999	488,765,497	482,398,546	496,980,971	495,761,810	496,127,165
G	Loss Factor in Distributor's system = C / F	1.0357	1.0353	1.0320	1.0302	1.0310	1.0328
Losses Upstream of Distributor's System							
H	Supply Facilities Loss Factor	1.0059	1.0059	1.0058	1.0057	1.0059	1.0058
Total Losses							
I	Total Loss Factor = G x H	1.0418	1.0414	1.0379	1.0360	1.0371	1.0389

2

3 The supply facility loss factor (the "SFLF") shown in the above table represents the losses on the supply to
 4 NBHDL. The SFLF is calculated on the measured quantities between the transformer stations and the
 5 wholesale meter points. As discussed under the Retail Transmission Service Rates section, NBHDL has two
 6 metering points that are connected to Hydro One's distribution system and seven metering points that are
 7 connected directly to the transmission grid. Since NBHDL is partially embedded, the SFLF has been calculated
 8 as the weighted average of 1.0340 on the kWh measured at the metering points connected to Hydro One's
 9 distribution system and 1.0045 on the kWh measured at the metering points that are connected directly to the
 10 transmission grid. The calculation of the weighted average SFLF is provided in the following Table 8-16:

11

Table 8 - 11: Supply Facility Loss Factor Calculation

Purchases	2015	2016	2017	2018	2019
Direct Connect	512,429,562	485,440,155	478,653,169	493,752,045	489,422,423
Hydro One	25,893,633	23,547,469	22,045,170	21,137,521	24,725,400
Total	538,323,196	508,987,624	500,698,339	514,889,565	514,147,824
Supply Facilities Loss Factor					
Direct Connect	1.0045	1.0045	1.0045	1.0045	1.0045
Hydro One	1.0340	1.0340	1.0340	1.0340	1.0340
Weighted Average	1.0059	1.0059	1.0058	1.0057	1.0059

12

13 Table 8-17 provides the total loss factor for secondary and primary customers:

1

Table 8 - 17: Total Loss Factor

Total Loss Factors	
Supply Facility Loss Factor	1.0058
Distribution Loss Factor	
Distribution Loss Factor - Secondary Metered Customers <5,000kW	1.0328
Distribution Loss Factor - Primary Metered Customers <5,000kW	1.0225
Total Loss Factor	
Total Loss Factor - Secondary Metered Customers <5,000kW	1.0389
Total Loss Factor - Primary Metered Customers <5,000kW	1.0285

2

3 **2.8.9.1 Materiality Analysis on Distribution Losses**

4 NBHDL's distribution 5-year average Loss Adjustment factor is less than 5%. Pursuant to the Filing
 5 Requirements, as the Distribution Loss Adjustment factor is less than 5%, NBHDL is not required to provide
 6 an explanation of, or justification for, its loss adjustment factor. Losses are monitored to ensure that the OEB
 7 5% threshold is not exceeded. This includes system upgrade projects such as converting the 4.16kV
 8 distribution system in the downtown area of the city to 12.47kV, reducing line losses while increasing capacity
 9 without the need to construct additional lines. In new construction of lines, NBHDL will utilize optimal conductor
 10 sizes to minimize the line losses so far as practical within the design limitations of the project. NBHDL's
 11 distribution system is operated in a manner that keeps distribution feeders balanced with phase loading and
 12 is geographically configured to maximize efficiency in the delivery of power. For more details on system losses,
 13 please see Section 2.3.3.2 of NBHDL's Distribution System Plan at Appendix 2-A of Exhibit 2.

14 **2.8.10 TARIFF OF RATES AND CHARGES**

15 The current Tariff of Rates and Charges are based on the current Board Approved 2020 IRM Rate Order
 16 dated November 1, 2021 and included in Appendix 8-B of this Exhibit.

17 NBHDL has prepared the proposed 2021 Tariff of Rate and Charges consistent with the current definition of
 18 rate classes and the current terms and Conditions of Service that have been maintained in this Application.
 19 For the proposed tariff of rates and charges please see Appendix 8-C, which are also contained in the Excel
 20 spreadsheets filed alongside this application called,
 21 NBHDL_2021_Tariff_Schedule_and_Bill_Impact_Model_NO GS 3000-5000_20210105 and
 22 NBHDL_2021_Tariff_Schedule_and_Bill_Impact_Model_GS 3000-5000_ONLY_20210105.

23 **2.8.11 REVENUE RECONCILIATION**

24 Please refer to Section 2.8.2.2 above.

25

1 **2.8.12 BILL IMPACTS**

2 Table 8-18 presents NBHDL's distribution rate and total bill impacts. Impacts are shown using the applicable
 3 current approved rates (effective May 1, 2020) and the proposed NBHDL rates for distribution, including Rate
 4 Riders for the recovery of Deferral and Variance accounts discussed in Exhibit 9. The rate impacts are
 5 assessed on the basis of moving to the proposed distribution rates.

6 Appendix 8-D to this Exhibit presents the results of the assessment of customer total bill impacts by level of
 7 consumption by rate class.

8 **Table 8 - 18: Distribution and Total Bill Impacts**

Rate Class	kWh	kW	2020 Dist Bill \$	2021 Dist Bill \$	\$ Difference	Bill Impact %	2020 Total Bill \$	2021 Total Bill \$	Bill Impact \$	Bill Impact %
Board Required										
Residential - TOU	750		\$29.79	\$33.79	\$4.00	13.43%	\$117.79	\$120.11	\$2.32	1.97%
Residential -10th %	92		\$29.26	\$33.26	\$4.00	13.67%	\$35.83	\$38.96	\$3.13	8.74%
GS<50	2000		\$64.80	\$75.69	\$10.89	16.81%	\$299.24	\$303.65	\$4.41	1.47%
Utility Specific										
Residential - 90th %	1,535		\$30.42	\$34.42	\$4.00	13.15%	\$215.57	\$216.93	\$1.36	0.63%
Residential - Retailer	750		\$29.79	\$33.79	\$4.00	13.43%	\$106.45	\$108.86	\$2.41	2.26%
GS<50 Retailer	2,000		\$64.80	\$75.69	\$10.89	16.81%	\$269.33	\$273.97	\$4.64	1.72%
GS<50 - 90th%	6,400		\$152.36	\$179.53	\$27.17	17.83%	\$911.43	\$919.31	\$7.88	0.86%
GS 50-2,999 kW - Median	33,000	75	\$521.62	\$631.43	\$109.81	21.05%	\$5,482.83	\$5,552.84	\$70.01	1.28%
GS 50-2,999 kW - 90%	117,000	244	\$985.51	\$1,217.85	\$232.34	23.58%	\$18,333.17	\$18,409.59	\$76.42	0.42%
GS 3,000-4,999 kW	1,280,000	2440	\$10,522.04	\$12,219.26	\$1,697.22	16.13%	\$200,092.00	\$200,001.55	(\$90.45)	(0.05%)
Street Lighting	170,000	474	\$40,316.67	\$12,341.78	(\$27,974.89)	(69.39%)	\$70,619.57	\$38,519.96	(\$32,099.61)	(45.45%)
Sentinal Light	150	1	\$22.89	\$29.48	\$6.59	28.79%	\$38.83	\$40.27	\$1.44	3.71%
Unmetered Scattered Load	150		\$7.44	\$7.42	(\$0.02)	(0.27%)	\$24.69	\$24.36	(\$0.33)	(1.34%)

9
 10 NBHDL submits that the bill impacts of its proposed electricity distribution rates are reasonable and do not
 11 require rate mitigation.

12 NBHDL notes that it has filed two separate Bill Impact Models. One model contains only the calculation for
 13 the GS 3,000-4,999 kW class. The other contains all other examples listed in the table above. This resulted
 14 from workform complications when NBHDL had Board Staff correct a recurring issue with respect to OEB
 15 supplied models populating the current low voltage charges for Residential, GS<50, and UMSL incorrectly to
 16 four decimal places. As such, the workform containing bill impacts for GS 3,000-4,999 kW only, has incorrect
 17 low voltage charges in the "current" tariff tab for those classes. NBHDL also notes that in both versions of the
 18 bill impact model the expiry date for NBHDL's 2020 LRAMVA rate rider reflects the originally approved sunset
 19 date of April 30, 2021. The final November 1, 2020 Tariff reflects a new sunset date of October 31, 2021 as
 20 result of NBHDL's decision to defer May 1, 2020 rate increases to November 1, 2020. NBHDL expects the
 21 final rate order and bill impact models to be corrected for this change.

1 **2.8.13 RATE MITIGATION**

2 As the total bill impact for all rate classes is less than 10%, no rate mitigation is necessary.

1 APPENDIX 8-A - Retail Transmission Service Rate Work Form



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

Utility Name	North Bay Hydro Distribution Limited - North Bay service territory
Assigned EB Number	EB-2020-0043
Name and Title of Contact	Michael Roth - Regulatory Manager
Phone Number	705-474-8400 ext263
Email Address	mroth@northbayhydro.com
Last COS Re-based Year	2015

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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.



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2021 RTSR Workform for Electricity Distributors

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[3. RRR Data](#)

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[5. Historical Wholesale](#)

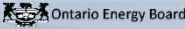
[6. Current Wholesale](#)

[7. Forecast Wholesale](#)

[8. RTSR Rates to Forecast](#)

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**2021 RTSR Workform
 for Electricity Distributors**

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kWh	Applicable Loss Factor <small>pg. #1.0325</small>	Loss Adjusted Billed kWh
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0373	197,847,018	0	1.0388	205,523,482
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0269	197,847,018	0	1.0388	205,523,482
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0370	80,410,230	0	1.0388	83,530,147
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0361	80,410,230	0	1.0388	83,530,147
GENERAL SERVICE 50 TO 2,969 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.7750	169,965,534	523,294		0
GENERAL SERVICE 50 TO 2,969 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4129	169,965,534	523,294		0
GENERAL SERVICE 3,000 TO 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9436	15,321,060	29,275		0
GENERAL SERVICE 3,000 TO 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.6965	15,321,060	29,275		0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0370	29,498	0	1.0388	41,020
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0361	29,498	0	1.0388	41,020
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.1082	122,420	310		0
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9341	122,420	310		0
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.0303	2,036,359	5,690		0
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8951	2,036,359	5,690		0

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2021 RTSR Workform for Electricity Distributors

Uniform Transmission Rates		Unit	2019 (Jan. 1 - June 30)		2019 (July 1 - Dec. 31)		2020	2021
Rate Description			Rate		Rate		Rate	Rate
Network Service Rate	kW	\$	3.71	\$ 3.83	\$	3.82	\$ 3.92	
Line Connection Service Rate	kW	\$	0.94	\$ 0.96	\$	0.97	\$ 0.97	
Transformation Connection Service Rate	kW	\$	2.25	\$ 2.30	\$	2.33	\$ 2.33	
Hydro One Sub-Transmission Rates		Unit	2019 (Jan. 1 - June 30)		2019 (July 1 - Dec. 31)		2020	2021
Rate Description			Rate		Rate		Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.2915	\$	3.3980	\$ 3.3980	
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7877	\$	0.8045	\$ 0.8045	
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.9755	\$	2.0194	\$ 2.0194	
Both Line and Transformation Connection Service Rate	kW	\$	2.5293	\$ 2.7632	\$	2.8239	\$ 2.8239	
If needed, add extra host here. (I)		Unit	2019 (Jan. 1 - June 30)		2019 (July 1 - Dec. 31)		2020	2021
Rate Description			Rate		Rate		Rate	Rate
Network Service Rate	kW							
Line Connection Service Rate	kW							
Transformation Connection Service Rate	kW							
Both Line and Transformation Connection Service Rate	kW	\$		-	\$	-	\$ -	
If needed, add extra host here. (II)		Unit	2019 (Jan. 1 - June 30)		2019 (July 1 - Dec. 31)		2020	2021
Rate Description			Rate		Rate		Rate	Rate
Network Service Rate	kW							
Line Connection Service Rate	kW							
Transformation Connection Service Rate	kW							
Both Line and Transformation Connection Service Rate	kW	\$		-	\$	-	\$ -	
Low Voltage Switchgear Credit (if applicable, enter as a negative value)		\$	Historical 2019		Current 2020		Forecast 2021	

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2021 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 "3. RRR Data". For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformation Connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed. If any of the Hydro One Sub-transmission rates (columns E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancies in rates.

IESO Month	Network			Line Connection			Transformation Connection			Total Connection Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	34,403	\$3.700	\$53,091	134,034	\$3.6400	\$8,336	164,034	\$2.2500	\$56,100	\$ 296,381
February	31,261	\$3.700	\$114,664	37,756	\$3.6400	\$2,428	37,759	\$2.2500	\$19,468	\$ 278,691
March	78,803	\$3.700	\$290,004	31,220	\$3.6400	\$7,347	31,223	\$2.2500	\$12,740	\$ 693,092
April	33,775	\$3.700	\$253,805	38,744	\$3.6400	\$4,918	38,744	\$2.2500	\$14,574	\$ 219,289
May	30,805	\$3.700	\$225,201	36,434	\$3.6400	\$2,420	36,434	\$2.2500	\$14,406	\$ 211,620
June	34,131	\$3.700	\$233,033	70,124	\$3.6400	\$2,517	70,124	\$2.2500	\$15,684	\$ 294,511
July	31,457	\$3.8500	\$121,013	36,852	\$3.8500	\$2,376	36,852	\$2.2500	\$21,047	\$ 134,436
August	33,600	\$3.8500	\$263,693	70,135	\$3.8500	\$2,356	70,135	\$2.2500	\$15,775	\$ 281,824
September	33,052	\$3.8500	\$252,679	76,436	\$3.8500	\$2,336	76,436	\$2.2500	\$17,510	\$ 242,525
October	38,693	\$3.8500	\$298,774	34,055	\$3.8500	\$1,640	34,055	\$2.2500	\$14,550	\$ 315,964
November	77,618	\$3.8500	\$298,103	76,800	\$3.8500	\$2,330	76,800	\$2.2500	\$17,250	\$ 693,703
December	33,627	\$3.8500	\$243,271	30,236	\$3.8500	\$1,898	30,239	\$2.2500	\$13,815	\$ 298,984
Total	692,635	\$3.77	\$3,333,781	956,737	\$3.64	\$8,384	956,737	\$2.27	\$2,178,538	\$ 5,512,319

Hydro One Month	Network			Line Connection			Transformation Connection			Total Connection Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	5,757	\$3.1842	\$18,330	6,070	\$3.7710	\$2,282	6,070	\$1.7493	\$10,624	\$ 31,236
February	5,468	\$3.1842	\$17,409	5,724	\$3.7710	\$2,138	5,724	\$1.7493	\$10,012	\$ 29,559
March	5,443	\$3.1842	\$17,337	5,445	\$3.7710	\$2,052	5,445	\$1.7493	\$9,520	\$ 28,914
April	3,679	\$3.1842	\$11,724	4,092	\$3.7710	\$1,536	4,092	\$1.7493	\$7,156	\$ 20,416
May	3,618	\$3.1842	\$11,543	4,010	\$3.7710	\$1,504	4,010	\$1.7493	\$7,006	\$ 20,053
June	1,873	\$3.1842	\$5,983	2,540	\$3.7710	\$956	2,540	\$1.7493	\$4,446	\$ 13,485
July	2,272	\$3.2515	\$7,397	2,348	\$3.7677	\$884	2,348	\$1.9755	\$4,638	\$ 14,922
August	2,145	\$3.2515	\$6,982	2,136	\$3.7677	\$804	2,136	\$1.9755	\$4,224	\$ 13,990
September	1,001	\$3.2515	\$3,265	1,128	\$3.7677	\$423	1,128	\$1.9755	\$2,220	\$ 6,908
October	2,758	\$3.2515	\$8,968	2,956	\$3.7677	\$1,106	2,956	\$1.9755	\$5,844	\$ 17,722
November	3,623	\$3.2515	\$11,783	4,037	\$3.7677	\$1,516	4,037	\$1.9755	\$7,974	\$ 24,273
December	3,638	\$3.2515	\$11,834	4,131	\$3.7677	\$1,554	4,131	\$1.9755	\$8,160	\$ 24,548
Total	42,470	\$3.23	\$137,287	46,791	\$3.76	\$1,750	46,791	\$1.84	\$84,116	\$ 223,153

Add Extra Host Here (I) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January		\$0.0000			\$0.0000			\$0.0000		\$ -
February		\$0.0000			\$0.0000			\$0.0000		\$ -
March		\$0.0000			\$0.0000			\$0.0000		\$ -
April		\$0.0000			\$0.0000			\$0.0000		\$ -
May		\$0.0000			\$0.0000			\$0.0000		\$ -
June		\$0.0000			\$0.0000			\$0.0000		\$ -
July		\$0.0000			\$0.0000			\$0.0000		\$ -
August		\$0.0000			\$0.0000			\$0.0000		\$ -
September		\$0.0000			\$0.0000			\$0.0000		\$ -
October		\$0.0000			\$0.0000			\$0.0000		\$ -
November		\$0.0000			\$0.0000			\$0.0000		\$ -
December		\$0.0000			\$0.0000			\$0.0000		\$ -
Total		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -

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2021 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 "B, RRR Data". For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformation Connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed. If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the

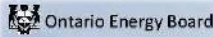
Add Extra Hours Here (if needed) (Month)	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.0000			\$0.0000			\$0.0000		\$ -
February		\$0.0000			\$0.0000			\$0.0000		\$ -
March		\$0.0000			\$0.0000			\$0.0000		\$ -
April		\$0.0000			\$0.0000			\$0.0000		\$ -
May		\$0.0000			\$0.0000			\$0.0000		\$ -
June		\$0.0000			\$0.0000			\$0.0000		\$ -
July		\$0.0000			\$0.0000			\$0.0000		\$ -
August		\$0.0000			\$0.0000			\$0.0000		\$ -
September		\$0.0000			\$0.0000			\$0.0000		\$ -
October		\$0.0000			\$0.0000			\$0.0000		\$ -
November		\$0.0000			\$0.0000			\$0.0000		\$ -
December		\$0.0000			\$0.0000			\$0.0000		\$ -
Total										

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	100,000	\$0.0000	\$ -	100,000	\$0.0000	\$ -	100,000	\$0.0000	\$ -	\$ -
February	90,000	\$0.0000	\$ -	90,000	\$0.0000	\$ -	90,000	\$0.0000	\$ -	\$ -
March	80,000	\$0.0000	\$ -	80,000	\$0.0000	\$ -	80,000	\$0.0000	\$ -	\$ -
April	70,000	\$0.0000	\$ -	70,000	\$0.0000	\$ -	70,000	\$0.0000	\$ -	\$ -
May	60,000	\$0.0000	\$ -	60,000	\$0.0000	\$ -	60,000	\$0.0000	\$ -	\$ -
June	50,000	\$0.0000	\$ -	50,000	\$0.0000	\$ -	50,000	\$0.0000	\$ -	\$ -
July	40,000	\$0.0000	\$ -	40,000	\$0.0000	\$ -	40,000	\$0.0000	\$ -	\$ -
August	30,000	\$0.0000	\$ -	30,000	\$0.0000	\$ -	30,000	\$0.0000	\$ -	\$ -
September	20,000	\$0.0000	\$ -	20,000	\$0.0000	\$ -	20,000	\$0.0000	\$ -	\$ -
October	10,000	\$0.0000	\$ -	10,000	\$0.0000	\$ -	10,000	\$0.0000	\$ -	\$ -
November	5,000	\$0.0000	\$ -	5,000	\$0.0000	\$ -	5,000	\$0.0000	\$ -	\$ -
December	2,000	\$0.0000	\$ -	2,000	\$0.0000	\$ -	2,000	\$0.0000	\$ -	\$ -
Total	626,000	0.00	\$ -	626,000	0.00	\$ -	626,000	0.00	\$ -	\$ -

Low Voltage Switchgear Credit (if applicable)

Total including deduction for Low Voltage Switchgear Credit

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2021 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2020 Uniform Transmission Rates and Hydro One Sub-transmission Rates are applied against historical 2019 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	94,493	\$ 3,920	\$ 370,413	104,934	\$ 0.9700	\$ 101,785	104,934	\$ 2,330	\$ 244,490	\$ 340,282
February	81,241	\$ 3,920	\$ 318,465	87,750	\$ 0.9700	\$ 85,125	87,750	\$ 2,330	\$ 204,478	\$ 296,605
March	78,303	\$ 3,920	\$ 306,948	81,220	\$ 0.9700	\$ 78,783	81,220	\$ 2,330	\$ 189,243	\$ 256,628
April	63,775	\$ 3,920	\$ 249,998	68,744	\$ 0.9700	\$ 66,682	68,744	\$ 2,330	\$ 160,174	\$ 222,855
May	60,395	\$ 3,920	\$ 236,100	66,404	\$ 0.9700	\$ 64,412	66,404	\$ 2,330	\$ 154,721	\$ 210,133
June	64,161	\$ 3,920	\$ 251,510	70,124	\$ 0.9700	\$ 68,020	70,124	\$ 2,330	\$ 163,386	\$ 231,410
July	81,467	\$ 3,920	\$ 319,351	86,852	\$ 0.9700	\$ 83,947	86,852	\$ 2,330	\$ 201,656	\$ 276,112
August	68,803	\$ 3,920	\$ 270,100	70,163	\$ 0.9700	\$ 68,058	70,163	\$ 2,330	\$ 163,480	\$ 231,538
September	66,352	\$ 3,920	\$ 259,924	76,499	\$ 0.9700	\$ 74,204	76,499	\$ 2,330	\$ 178,242	\$ 252,417
October	56,549	\$ 3,920	\$ 221,868	64,052	\$ 0.9700	\$ 62,130	64,052	\$ 2,330	\$ 149,341	\$ 211,270
November	77,919	\$ 3,920	\$ 305,442	79,688	\$ 0.9700	\$ 77,297	79,688	\$ 2,330	\$ 185,673	\$ 252,670
December	89,527	\$ 3,920	\$ 351,338	90,298	\$ 0.9700	\$ 87,589	90,298	\$ 2,330	\$ 210,394	\$ 297,683
Total	883,535	\$ 3,92	\$ 3,463,456	956,737	\$ 0.97	\$ 928,035	956,737	\$ 2,33	\$ 2,229,198	\$ 3,157,282

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,757	\$ 3,3980	\$ 19,593	6,073	\$ 0.8045	\$ 4,888	6,073	\$ 2,0194	\$ 12,254	\$ 17,150
February	5,468	\$ 3,3980	\$ 18,580	5,724	\$ 0.8045	\$ 4,605	5,724	\$ 2,0194	\$ 11,558	\$ 16,163
March	5,443	\$ 3,3980	\$ 18,497	5,543	\$ 0.8045	\$ 4,378	5,543	\$ 2,0194	\$ 10,992	\$ 15,272
April	3,576	\$ 3,3980	\$ 12,151	4,092	\$ 0.8045	\$ 3,292	4,092	\$ 2,0194	\$ 8,253	\$ 11,550
May	3,516	\$ 3,3980	\$ 11,956	4,000	\$ 0.8045	\$ 3,201	4,000	\$ 2,0194	\$ 8,030	\$ 11,230
June	1,970	\$ 3,3980	\$ 6,695	2,543	\$ 0.8045	\$ 2,045	2,543	\$ 2,0194	\$ 5,135	\$ 7,181
July	2,272	\$ 3,3980	\$ 7,721	2,348	\$ 0.8045	\$ 1,889	2,348	\$ 2,0194	\$ 4,742	\$ 6,631
August	2,145	\$ 3,3980	\$ 7,200	2,189	\$ 0.8045	\$ 1,761	2,189	\$ 2,0194	\$ 4,421	\$ 6,182
September	1,901	\$ 3,3980	\$ 6,461	2,123	\$ 0.8045	\$ 1,708	2,123	\$ 2,0194	\$ 4,288	\$ 5,996
October	2,758	\$ 3,3980	\$ 9,364	2,958	\$ 0.8045	\$ 2,380	2,958	\$ 2,0194	\$ 5,974	\$ 8,354
November	3,525	\$ 3,3980	\$ 12,322	4,057	\$ 0.8045	\$ 3,272	4,057	\$ 2,0194	\$ 8,212	\$ 11,484
December	3,838	\$ 3,3980	\$ 13,043	4,131	\$ 0.8045	\$ 3,323	4,131	\$ 2,0194	\$ 8,341	\$ 11,664
Total	42,470	\$ 3,40	\$ 144,213	45,781	\$ 0.80	\$ 36,831	45,781	\$ 2,02	\$ 92,451	\$ 126,282

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total	Network			Line Connection			Transformation Connection			Total Connection
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2021 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2020 Uniform Transmission Rates and Hydro One Sub-transmission Rates are applied against historical 2019 transmission units.

Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	101,250	\$3.88	\$ 386,675	111,007	\$3.88	\$ 430,727	111,007	\$2.81	\$ 311,930	\$ 128,797
February	86,709	\$3.82	\$ 331,015	93,438	\$3.82	\$ 357,033	93,438	\$2.81	\$ 262,561	\$ 94,472
March	83,715	\$3.89	\$ 323,670	86,655	\$3.89	\$ 335,088	86,655	\$2.81	\$ 241,500	\$ 93,588
April	87,451	\$3.89	\$ 338,174	72,836	\$3.89	\$ 282,332	72,836	\$2.81	\$ 204,669	\$ 77,663
May	64,611	\$3.89	\$ 251,337	70,491	\$3.89	\$ 274,310	70,491	\$2.81	\$ 198,079	\$ 76,231
June	66,131	\$3.90	\$ 258,111	72,667	\$3.90	\$ 283,417	72,667	\$2.82	\$ 205,020	\$ 77,797
July	63,739	\$3.91	\$ 249,240	99,200	\$3.91	\$ 388,672	99,200	\$2.82	\$ 279,744	\$ 108,928
August	71,048	\$3.90	\$ 277,090	72,352	\$3.90	\$ 282,173	72,352	\$2.82	\$ 204,032	\$ 79,141
September	67,863	\$3.91	\$ 265,345	78,522	\$3.91	\$ 306,021	78,522	\$2.82	\$ 221,422	\$ 89,599
October	59,265	\$3.90	\$ 231,135	67,010	\$3.90	\$ 261,669	67,010	\$2.82	\$ 188,768	\$ 72,917
November	61,345	\$3.90	\$ 239,145	65,775	\$3.90	\$ 256,442	65,775	\$2.82	\$ 185,485	\$ 70,260
December	63,455	\$3.90	\$ 247,375	64,477	\$3.90	\$ 251,446	64,477	\$2.82	\$ 181,826	\$ 69,621
Total	922,115	\$3.90	\$ 3,597,718	1,025,110	\$3.90	\$ 3,997,909	1,025,110	\$2.82	\$ 2,891,642	\$ 1,106,266
										Low Voltage Switchgear Credit (if applicable)
										\$ -
										Total including deduction for Low Voltage Switchgear Credit
										\$ 1,106,266

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2021 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2021 Uniform Transmission Rates and Hydro One Sub-transmission Rates are applied against historical 2019 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	91,792	\$ 3,9200	\$ 370,419	101,934	\$ 0.9700	\$ 101,788	101,934	\$ 2.3300	\$ 241,436	\$ 312,205
February	81,241	\$ 3,9200	\$ 318,465	87,759	\$ 0.9700	\$ 85,125	87,759	\$ 2.3300	\$ 204,478	\$ 289,605
March	78,303	\$ 3,9200	\$ 306,948	81,220	\$ 0.9700	\$ 78,783	81,220	\$ 2.3300	\$ 189,243	\$ 265,026
April	83,775	\$ 3,9200	\$ 328,398	88,744	\$ 0.9700	\$ 86,882	88,744	\$ 2.3300	\$ 206,174	\$ 295,055
May	80,995	\$ 3,9200	\$ 319,100	86,404	\$ 0.9700	\$ 83,812	86,404	\$ 2.3300	\$ 201,721	\$ 285,513
June	84,181	\$ 3,9200	\$ 329,510	70,124	\$ 0.9700	\$ 68,020	70,124	\$ 2.3300	\$ 163,389	\$ 231,410
July	81,457	\$ 3,9200	\$ 319,351	86,852	\$ 0.9700	\$ 83,947	86,852	\$ 2.3300	\$ 202,555	\$ 286,502
August	88,902	\$ 3,9200	\$ 348,100	70,163	\$ 0.9700	\$ 68,058	70,163	\$ 2.3300	\$ 163,459	\$ 236,568
September	86,052	\$ 3,9200	\$ 337,321	76,499	\$ 0.9700	\$ 74,204	76,499	\$ 2.3300	\$ 178,245	\$ 251,447
October	86,596	\$ 3,9200	\$ 338,858	64,052	\$ 0.9700	\$ 62,130	64,052	\$ 2.3300	\$ 149,241	\$ 216,772
November	77,919	\$ 3,9200	\$ 305,442	79,688	\$ 0.9700	\$ 77,297	79,688	\$ 2.3300	\$ 185,673	\$ 262,970
December	89,627	\$ 3,9200	\$ 351,338	80,298	\$ 0.9700	\$ 77,989	80,298	\$ 2.3300	\$ 187,094	\$ 269,083
Total	885,535	\$ 3.92	\$ 3,483,456	866,737	\$ 0.97	\$ 828,065	866,737	\$ 2.33	\$ 2,029,198	\$ 3,157,285

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,757	\$ 3,3580	\$ 19,363	6,073	\$ 0.8045	\$ 4,888	6,073	\$ 2.0194	\$ 12,254	\$ 17,150
February	5,488	\$ 3,3580	\$ 18,580	5,724	\$ 0.8045	\$ 4,605	5,724	\$ 2.0194	\$ 11,558	\$ 16,163
March	5,412	\$ 3,3580	\$ 18,167	5,493	\$ 0.8045	\$ 4,379	5,493	\$ 2.0194	\$ 11,092	\$ 15,472
April	3,676	\$ 3,3580	\$ 12,411	4,092	\$ 0.8045	\$ 3,292	4,092	\$ 2.0194	\$ 8,233	\$ 11,526
May	3,616	\$ 3,3580	\$ 12,286	4,090	\$ 0.8045	\$ 3,291	4,090	\$ 2.0194	\$ 8,230	\$ 11,520
June	1,970	\$ 3,3580	\$ 6,605	2,543	\$ 0.8045	\$ 2,045	2,543	\$ 2.0194	\$ 5,135	\$ 7,181
July	2,272	\$ 3,3580	\$ 7,721	2,348	\$ 0.8045	\$ 1,889	2,348	\$ 2.0194	\$ 4,742	\$ 6,631
August	2,145	\$ 3,3580	\$ 7,250	2,189	\$ 0.8045	\$ 1,751	2,189	\$ 2.0194	\$ 4,421	\$ 6,172
September	1,601	\$ 3,3580	\$ 5,381	2,123	\$ 0.8045	\$ 1,705	2,123	\$ 2.0194	\$ 4,288	\$ 5,993
October	2,759	\$ 3,3580	\$ 9,354	2,958	\$ 0.8045	\$ 2,380	2,958	\$ 2.0194	\$ 5,974	\$ 8,354
November	3,825	\$ 3,3580	\$ 12,822	4,067	\$ 0.8045	\$ 3,272	4,067	\$ 2.0194	\$ 8,212	\$ 11,484
December	3,838	\$ 3,3580	\$ 12,843	4,131	\$ 0.8045	\$ 3,323	4,131	\$ 2.0194	\$ 8,341	\$ 11,664
Total	42,470	\$ 3.40	\$ 144,819	46,781	\$ 0.80	\$ 36,881	46,781	\$ 2.02	\$ 92,451	\$ 125,282

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Ontario Energy Board v.1.0
**2021 RTSR Workform
 for Electricity Distributors**

The purpose of this sheet is to calculate the expected billing when forecasted 2021 Uniform Transmission Rates and Hydro One Sub-transmission Rates are applied against historical 2019 transmission units.

Total	Network			Line Connection			Transformation Connection			Total Connection		
	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
January	100,250	\$ 3.89	\$ 389,975	111,007	\$ 0.98	\$ 108,872	111,007	\$ 2.31	\$ 256,760	\$	\$ 363,432	
February	98,709	\$ 3.89	\$ 383,045	93,493	\$ 0.98	\$ 91,731	93,493	\$ 2.31	\$ 216,037	\$	\$ 305,768	
March	83,746	\$ 3.89	\$ 325,444	86,665	\$ 0.98	\$ 84,853	86,665	\$ 2.31	\$ 200,295	\$	\$ 283,368	
April	67,451	\$ 3.89	\$ 262,489	72,836	\$ 0.98	\$ 69,974	72,836	\$ 2.31	\$ 168,457	\$	\$ 238,411	
May	64,611	\$ 3.89	\$ 251,387	70,496	\$ 0.98	\$ 67,732	70,496	\$ 2.31	\$ 162,981	\$	\$ 230,684	
June	66,131	\$ 3.90	\$ 258,204	72,667	\$ 0.98	\$ 70,998	72,667	\$ 2.32	\$ 168,524	\$	\$ 238,550	
July	80,739	\$ 3.91	\$ 317,072	98,200	\$ 0.97	\$ 95,838	99,200	\$ 2.32	\$ 230,408	\$	\$ 325,243	
August	7,043	\$ 3.91	\$ 27,550	77,350	\$ 0.91	\$ 69,900	79,350	\$ 0.91	\$ 117,601	\$	\$ 137,751	
September	17,925	\$ 3.91	\$ 70,095	78,620	\$ 0.97	\$ 75,900	78,620	\$ 0.91	\$ 180,530	\$	\$ 255,443	
October	55,255	\$ 3.91	\$ 215,235	67,000	\$ 0.91	\$ 64,500	67,000	\$ 0.91	\$ 155,215	\$	\$ 219,715	
November	6,545	\$ 3.91	\$ 25,715	83,755	\$ 0.91	\$ 76,110	83,755	\$ 0.91	\$ 155,805	\$	\$ 214,485	
December	77,190	\$ 3.91	\$ 302,791	94,129	\$ 0.97	\$ 91,972	94,129	\$ 2.32	\$ 218,790	\$	\$ 313,753	
Total	921,115	\$ 3.91	\$ 3,607,718	1,002,500	\$ 0.91	\$ 944,018	1,002,500	\$ 0.91	\$ 2,521,140	\$	\$ 3,766,516	
											Low Voltage Switchgear Credit (if applicable)	\$
											Total Including deduction for Low Voltage Switchgear Credit	\$

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 for Electricity Distributors
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The purpose of this table is to re-align the current RTSR Network Rates to recover current wholesale network costs.

Rate Class	Rate Description	Unit	Current RTSR Network	Less Adjusted Billed kWh	Billed kWh	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
RESIDENTIAL SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0075	20,223,462	3	1,067,271	41.3%	1,483,891	0.0075
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0075	10,502,147	3	2,617,111	19.1%	690,758	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0075	0	553,397	1,106,794	33.8%	1,493,759	0.0075
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate - Retail Market	kWh	0.0062	0	25,275	10,111	2.6%	85,031	0.0062
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0075	41,259	3	20	0.1%	195	0.0068
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0075	0	10	85	0.1%	148	0.0068
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0062	0	4,969	11,923	3.2%	11,917	0.0062

For the 100-hour, please note that the consumption and demand values have been adjusted to account for non-beneficial customers.

The purpose of this table is to re-align the current RTSR Connection Rates to recover current wholesale connection costs.

Rate Class	Rate Description	Unit	Current RTSR Connection	Less Adjusted Billed kWh	Billed kWh	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Connection
RESIDENTIAL SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0066	20,223,462	3	1,067,271	41.3%	1,483,891	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0066	10,502,147	3	2,617,111	19.1%	690,758	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0066	0	553,397	1,106,794	33.8%	1,493,759	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee - Retail Market	kWh	0.0054	0	25,275	10,111	2.6%	79,222	0.0054
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0066	41,259	3	20	0.1%	201	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0066	0	10	85	0.1%	148	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0054	0	4,969	11,923	3.2%	11,916	0.0054

For the 100-hour, please note that the consumption and demand values have been adjusted to account for non-beneficial customers.

The purpose of this table is to update the re-aligned RTSR Network Rates to recover future wholesale network costs.

Rate Class	Rate Description	Unit	Adjusted RTSR Network	Less Adjusted Billed kWh	Billed kWh	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR Network
RESIDENTIAL SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0075	20,223,462	3	1,067,271	41.3%	1,483,891	0.0075
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0066	10,502,147	3	2,617,111	19.1%	690,758	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0075	0	553,397	1,106,794	33.8%	1,493,759	0.0075
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate - Retail Market	kWh	0.0062	0	25,275	10,111	2.6%	85,031	0.0062
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0075	41,259	3	20	0.1%	195	0.0068
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0075	0	10	85	0.1%	148	0.0068
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Bulkwholesale Rate	kWh	0.0062	0	4,969	11,923	3.2%	11,917	0.0062

For the 100-hour, please note that the consumption and demand values have been adjusted to account for non-beneficial customers.

The purpose of this table is to update the re-aligned RTSR Connection Rates to recover future wholesale connection costs.

Rate Class	Rate Description	Unit	Adjusted RTSR Connection	Less Adjusted Billed kWh	Billed kWh	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR Connection
RESIDENTIAL SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0066	20,223,462	3	1,067,271	41.3%	1,483,891	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0066	10,502,147	3	2,617,111	19.1%	690,758	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0066	0	553,397	1,106,794	33.8%	1,493,759	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee - Retail Market	kWh	0.0054	0	25,275	10,111	2.6%	79,222	0.0054
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0066	41,259	3	20	0.1%	201	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0066	0	10	85	0.1%	148	0.0066
GENERAL SERVICE 230V 1PH 3WY SERVICE CLASSIFICATION	Rate Transmission Fee - Low and Non-beneficial Connection Service Fee	kWh	0.0054	0	4,969	11,923	3.2%	11,916	0.0054

For the 100-hour, please note that the consumption and demand values have been adjusted to account for non-beneficial customers.

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1 APPENDIX 8-B - Current Tariff of Rates

Schedule A

To Final Rate Order

Tariff of Rates and Charges

OEB File No: EB-2019-0057

DATED: October 8, 2020

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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

EB-2019-0057

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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the 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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	29.19
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kWh	0.0008
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0069

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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

EB-2019-0057

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification includes non residential accounts taking electricity at 750 volts or less where monthly average peak 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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the 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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	25.00
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0192
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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

EB-2019-0057

GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 3,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	315.75
Distribution Volumetric Rate	\$/kW	2.6359
Low Voltage Service Rate	\$/kW	0.0255
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kW	0.1090
Retail Transmission Rate - Network Service Rate	\$/kW	2.7750
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4129

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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

EB-2019-0057

GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 3,000 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,734.18
Distribution Volumetric Rate	\$/kW	1.2378
Low Voltage Service Rate	\$/kW	0.0282
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kW	0.3146
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9436
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.6665

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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

EB-2019-0057

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. 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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the 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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.53
Distribution Volumetric Rate	\$/kWh	0.0127
Low Voltage Service Rate	\$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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

EB-2019-0057

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the 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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.10
Distribution Volumetric Rate	\$/kW	17.7881
Low Voltage Service Rate	\$/kW	0.0201
Retail Transmission Rate - Network Service Rate	\$/kW	2.1032
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9041

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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EB-2019-0057

STREET LIGHTING SERVICE CLASSIFICATION

This classification is for roadway lighting with the Municipality. The consumption for this customer is 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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the 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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.06
Distribution Volumetric Rate	\$/kW	27.1545
Low Voltage Service Rate	\$/kW	0.0197
Retail Transmission Rate - Network Service Rate	\$/kW	2.0930
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8651

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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

EB-2019-0057

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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the 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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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North Bay Hydro Distribution Limited
TARIFF OF RATES AND CHARGES
Effective May 1, 2020
Amended to Reflect the Implementation Date of November 1, 2020
(unless indicated otherwise)

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

EB-2019-0057

ALLOWANCES

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

SPECIFIC SERVICE CHARGES**APPLICATION**

The application of these rates and 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.

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 the Ontario Energy Board, and amendments thereto as approved by the 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 Global Adjustment and the HST.

Customer Administration

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)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late payment - per month	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	165.00

Other

Service call - customer owned equipment	\$	30.00
Specific charge for access to the power poles - \$/pole/year	\$	44.50

North Bay Hydro Distribution Limited
TARIFF OF RATES AND CHARGES
Effective May 1, 2020
Amended to Reflect the Implementation Date of November 1, 2020
(unless indicated otherwise)

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

EB-2019-0057

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and 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.

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 the Ontario Energy Board, and amendments thereto as approved by the 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 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	\$	102.00
Monthly Fixed Charge, per retailer	\$	40.80
Monthly Variable Charge, per customer, per retailer	\$	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.08
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.04

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	1.0471
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0366

1 APPENDIX 8-C -Proposed Tariff of Rates

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0043

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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the 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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	34.50
Rate Rider for Disposition of LRAM Variance Account - effective until April 30, 2022	\$	0.04
Rate Rider for Disposition of Deferral/Variance Accounts Group 2 Accounts - effective until April 30, 2022	\$	(1.35)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.00015
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2022	\$/kWh	(0.0003)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0069

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification includes non residential accounts taking electricity at 750 volts or less where monthly average peak 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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the 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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.49
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0219
Low Voltage Service Rate	\$/kWh	0.00013
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2022	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts Group 2 Accounts - effective until April 30, 2022	\$/kWh	(0.0013)
Rate Rider for Disposition of LRAM Variance Account - effective until April 30, 2022	\$/kWh	0.0010
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 3,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	371.19
Distribution Volumetric Rate	\$/kW	3.0673
Low Voltage Service Rate	\$/kW	0.0519
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kW	0.1090
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2022	\$/kW	0.0182
Rate Rider for Disposition of Deferral/Variance Accounts Group 2 Accounts - effective until April 30, 2022	\$/kW	(0.2546)
Rate Rider for Disposition of LRAM Variance Account - effective until April 30, 2022	\$/kW	0.2936
Retail Transmission Rate - Network Service Rate	\$/kW	2.7533
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4178

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 3,000 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	7,673.78
Distribution Volumetric Rate	\$/kW	1.3268
Low Voltage Service Rate	\$/kW	0.0519
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kW	0.3146
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2022	\$/kW	0.0036
Rate Rider for Disposition of Deferral/Variance Accounts Group 2 Accounts - effective until April 30, 2022	\$/kW	(0.2477)
Rate Rider for Disposition of LRAM Variance Account - effective until April 30, 2022	\$/kW	0.2215
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9206
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.6719

MONTHLY RATES AND CHARGES - Regulatory Component

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

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. 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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.51
Distribution Volumetric Rate	\$/kWh	0.0127
Low Voltage Service Rate	\$/kWh	0.00013
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2022	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts Group 2 Accounts - effective until April 30, 2022	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

MONTHLY RATES AND CHARGES - Regulatory Component

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

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	6.57
Distribution Volumetric Rate	\$/kW	22.9051
Low Voltage Service Rate	\$/kW	0.0401
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2022	\$/kW	0.0979
Rate Rider for Disposition of Deferral/Variance Accounts Group 2 Accounts - effective until April 30, 2022	\$/kW	(4.7555)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0868
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9080

MONTHLY RATES AND CHARGES - Regulatory Component

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

STREET LIGHTING SERVICE CLASSIFICATION

This classification is for roadway lighting with the Municipality. The consumption for this customer is 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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the 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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.55
Distribution Volumetric Rate	\$/kW	8.3008
Low Voltage Service Rate	\$/kW	0.0410
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2022	\$/kW	0.4796
Rate Rider for Disposition of Deferral/Variance Accounts Group 2 Accounts - effective until April 30, 2022	\$/kW	(1.0641)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0766
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8689

MONTHLY RATES AND CHARGES - Regulatory Component

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

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 the Ontario Energy Board, and amendments thereto as approved by the 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 the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.6000)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and 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.

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 the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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Customer Administration

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)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	165.00

Other

Service call - customer owned equipment	\$	30.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	44.50

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and 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.

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 the Ontario Energy Board, and amendments thereto as approved by the 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 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	\$	104.24
Monthly Fixed Charge, per retailer	\$	41.70
Monthly Variable Charge, per customer, per retailer	\$	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.17
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08

LOSS FACTORS

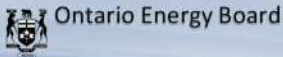
If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0389
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0285

1 **APPENDIX 8-D- Bill Impacts**

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Tariff Schedule and Bill Impacts Model (2021 Cost of Service Filers)

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact 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). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate Applications.

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

Note:

- For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
- Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

RATE CLASSES / CATEGORIES <i>(eg: Residential TOU, Residential Retailer)</i>	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor <i>(eg: 1.0351)</i>	Proposed Loss Factor	Consumption (kWh)	Demand kW <i>(if applicable)</i>	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes <i>(e.g. # of devices/connections).</i>
RESIDENTIAL SERVICE CLASSIFICATION	kwh	RPP	1.0471	1.0389	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kwh	RPP	1.0471	1.0389	2,000		CONSUMPTION	
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kw	Non-RPP (Other)	1.0471	1.0389	33,000	75	DEMAND	
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kw	Non-RPP (Other)						
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kwh	RPP	1.0471	1.0389	150		CONSUMPTION	1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kw	RPP	1.0471	1.0389	150	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	kw	Non-RPP (Other)	1.0471	1.0389	170,000	474	DEMAND	5,424
STANDBY POWER SERVICE CLASSIFICATION								
RESIDENTIAL SERVICE CLASSIFICATION	kwh	RPP	1.0471	1.0389	92			
RESIDENTIAL SERVICE CLASSIFICATION	kwh	RPP	1.0471	1.0389	1,535			
RESIDENTIAL SERVICE CLASSIFICATION	kwh	Non-RPP (Retailer)	1.0471	1.0389	750			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kwh	Non-RPP (Retailer)	1.0471	1.0389	2,000			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kwh	RPP	1.0471	1.0389	6,400			
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kwh	Non-RPP (Other)	1.0471	1.0389	117,000	244		
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

RATE CLASSES / CATEGORIES <i>(eg: Residential TOU, Residential Retailer)</i>	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kwh	\$ 4.00	13.4%	\$ 3.05	8.7%	\$ 2.89	6.3%	\$ 2.32	2.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kwh	\$ 10.89	16.8%	\$ 5.92	7.6%	\$ 5.50	5.2%	\$ 4.41	1.5%
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ 109.82	21.1%	\$ 94.07	18.0%	\$ 92.81	10.2%	\$ 70.01	1.3%
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kwh	\$ (0.02)	-0.3%	\$ (0.36)	-4.3%	\$ (0.39)	-3.8%	\$ (0.32)	-1.3%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kw	\$ 6.59	28.8%	\$ 1.79	7.5%	\$ 1.78	6.4%	\$ 1.44	3.7%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ (27,974.89)	-69.4%	\$ (28,241.85)	-70.0%	\$ (28,247.82)	-66.9%	\$ (32,099.62)	-45.5%
STANDBY POWER SERVICE CLASSIFICATION -									
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kwh	\$ 4.00	13.7%	\$ 3.88	12.8%	\$ 3.86	12.2%	\$ 3.13	8.7%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kwh	\$ 4.00	13.2%	\$ 2.06	5.1%	\$ 1.72	2.7%	\$ 1.36	0.6%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kwh	\$ 4.00	13.4%	\$ 3.16	9.2%	\$ 2.99	6.6%	\$ 2.41	2.3%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kwh	\$ 10.89	16.8%	\$ 6.20	8.2%	\$ 5.78	5.6%	\$ 4.64	1.7%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kwh	\$ 27.17	17.8%	\$ 11.26	5.9%	\$ 9.91	3.5%	\$ 7.88	0.9%
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kwh	\$ 232.34	23.6%	\$ 181.10	18.3%	\$ 177.00	7.8%	\$ 76.42	0.4%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0389	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 29.19	1	\$ 29.19	\$ 34.50	1	\$ 34.50	\$ 5.31	18.19%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ -	1	\$ -	\$ (1.31)	1	\$ (1.31)	\$ (1.31)	-
Volumetric Rate Riders	\$ 0.0008	750	\$ 0.60	\$ 0.0008	750	\$ 0.60	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 29.79			\$ 33.79	\$ 4.00	13.43%
Line Losses on Cost of Power	\$ 0.1276	35	\$ 4.51	\$ 0.1276	29	\$ 3.72	\$ (0.78)	-17.41%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ (0.0003)	750	\$ (0.23)	\$ (0.23)	-
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.00007	750	\$ 0.05	\$ 0.00015	750	\$ 0.11	\$ 0.06	114.29%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 34.92			\$ 37.97	\$ 3.05	8.74%
RTSR - Network	\$ 0.0073	785	\$ 5.73	\$ 0.0072	779	\$ 5.61	\$ (0.12)	-2.14%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0069	785	\$ 5.42	\$ 0.0069	779	\$ 5.38	\$ (0.04)	-0.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 46.07			\$ 48.96	\$ 2.89	6.26%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	785	\$ 2.67	\$ 0.0034	779	\$ 2.65	\$ (0.02)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	785	\$ 0.39	\$ 0.0005	779	\$ 0.39	\$ (0.00)	-0.78%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	488	\$ 49.24	\$ 0.1010	488	\$ 49.24	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	128	\$ 18.36	\$ 0.1440	128	\$ 18.36	\$ -	0.00%
TOU - On Peak	\$ 0.2080	135	\$ 28.08	\$ 0.2080	135	\$ 28.08	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 145.06			\$ 147.92	\$ 2.86	1.97%
HST	13%		\$ 18.86	13%		\$ 19.23	\$ 0.37	1.97%
Ontario Electricity Rebate	31.8%		\$ (46.13)	31.8%		\$ (47.04)	\$ (0.91)	-
Total Bill on TOU			\$ 117.79			\$ 120.11	\$ 2.32	1.97%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0389	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.00	1	\$ 25.00	\$ 28.49	1	\$ 28.49	\$ 3.49	13.96%
Distribution Volumetric Rate	\$ 0.0192	2000	\$ 38.40	\$ 0.0219	2000	\$ 43.80	\$ 5.40	14.06%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0007	2000	\$ 1.40	\$ 0.0017	2000	\$ 3.40	\$ 2.00	142.86%
Sub-Total A (excluding pass through)			\$ 64.80			\$ 75.69	\$ 10.89	16.81%
Line Losses on Cost of Power	\$ 0.1276	94	\$ 12.02	\$ 0.1276	78	\$ 9.92	\$ (2.09)	-17.41%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ (0.0015)	2,000	\$ (3.00)	\$ (3.00)	
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00007	2,000	\$ 0.14	\$ 0.00013	2,000	\$ 0.26	\$ 0.12	85.71%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 77.53			\$ 83.44	\$ 5.92	7.63%
RTSR - Network	\$ 0.0070	2,094	\$ 14.66	\$ 0.0069	2,078	\$ 14.34	\$ (0.32)	-2.20%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0061	2,094	\$ 12.77	\$ 0.0061	2,078	\$ 12.67	\$ (0.10)	-0.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 104.96			\$ 110.46	\$ 5.50	5.24%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,094	\$ 7.12	\$ 0.0034	2,078	\$ 7.06	\$ (0.06)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,094	\$ 1.05	\$ 0.0005	2,078	\$ 1.04	\$ (0.01)	-0.78%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	1,300	\$ 131.30	\$ 0.1010	1,300	\$ 131.30	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	340	\$ 48.96	\$ 0.1440	340	\$ 48.96	\$ -	0.00%
TOU - On Peak	\$ 0.2080	360	\$ 74.88	\$ 0.2080	360	\$ 74.88	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 368.52			\$ 373.95	\$ 5.43	1.47%
HST	13%		\$ 47.91	13%		\$ 48.61	\$ 0.71	1.47%
Ontario Electricity Rebate	31.8%		\$ (117.19)	31.8%		\$ (118.92)	\$ (1.73)	
Total Bill on TOU			\$ 299.24			\$ 303.65	\$ 4.41	1.47%

Customer Class:	GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	33,000	kWh
Demand	75	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0389	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 315.75	1	\$ 315.75	\$ 371.19	1	\$ 371.19	\$ 55.44	17.56%
Distribution Volumetric Rate	\$ 2.6359	75	\$ 197.69	\$ 3.0673	75	\$ 230.05	\$ 32.36	16.37%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.1090	75	\$ 8.18	\$ 0.4026	75	\$ 30.20	\$ 22.02	269.36%
Sub-Total A (excluding pass through)			\$ 521.62			\$ 631.43	\$ 109.82	21.05%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	75	\$ -	\$ (0.2364)	75	\$ (17.73)	\$ (17.73)	
CBR Class B Rate Riders	\$ -	75	\$ -	\$ -	75	\$ -	\$ -	
GA Rate Riders	\$ -	33,000	\$ -	\$ -	33,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.02550	75	\$ 1.91	\$ 0.0519	75	\$ 3.89	\$ 1.98	103.53%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	75	\$ -	\$ -	75	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 523.53			\$ 617.60	\$ 94.07	17.97%
RTSR - Network	\$ 2.7750	75	\$ 208.13	\$ 2.7533	75	\$ 206.50	\$ (1.63)	-0.78%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.4129	75	\$ 180.97	\$ 2.4178	75	\$ 181.34	\$ 0.37	0.20%
Sub-Total C - Delivery (including Sub-Total B)			\$ 912.62			\$ 1,005.43	\$ 92.81	10.17%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	34,554	\$ 117.48	\$ 0.0034	34,284	\$ 116.56	\$ (0.92)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	34,554	\$ 17.28	\$ 0.0005	34,284	\$ 17.14	\$ (0.14)	-0.78%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	34,554	\$ 3,804.43	\$ 0.1101	34,284	\$ 3,774.64	\$ (29.79)	-0.78%
Total Bill on Average IESO Wholesale Market Price			\$ 4,852.06			\$ 4,914.02	\$ 61.96	1.28%
HST	13%		\$ 630.77	13%		\$ 638.82	\$ 8.05	1.28%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 5,482.83			\$ 5,552.84	\$ 70.01	1.28%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	150	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0389	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.53	1	\$ 5.53	\$ 5.51	1	\$ 5.51	\$ (0.02)	-0.36%
Distribution Volumetric Rate	\$ 0.0127	150	\$ 1.91	\$ 0.0127	150	\$ 1.91	\$ -	0.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 7.44			\$ 7.42	\$ (0.02)	-0.27%
Line Losses on Cost of Power	\$ 0.1276	7	\$ 0.90	\$ 0.1276	6	\$ 0.74	\$ (0.16)	-17.41%
Total Deferral/Variance Account Rate Riders	\$ -	150	\$ -	\$ (0.0013)	150	\$ (0.20)	\$ (0.20)	-
CBR Class B Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	-
GA Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.00007	150	\$ 0.01	\$ 0.00013	150	\$ 0.02	\$ 0.01	85.71%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 8.35			\$ 7.98	\$ (0.36)	-4.35%
RTSR - Network	\$ 0.0070	157	\$ 1.10	\$ 0.0069	156	\$ 1.08	\$ (0.02)	-2.20%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0061	157	\$ 0.96	\$ 0.0061	156	\$ 0.95	\$ (0.01)	-0.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 10.40			\$ 10.01	\$ (0.39)	-3.79%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	157	\$ 0.53	\$ 0.0034	156	\$ 0.53	\$ (0.00)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	157	\$ 0.08	\$ 0.0005	156	\$ 0.08	\$ (0.00)	-0.78%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	98	\$ 9.85	\$ 0.1010	98	\$ 9.85	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	26	\$ 3.67	\$ 0.1440	26	\$ 3.67	\$ -	0.00%
TOU - On Peak	\$ 0.2080	27	\$ 5.62	\$ 0.2080	27	\$ 5.62	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 30.40			\$ 30.00	\$ (0.40)	-1.31%
HST	13%		\$ 3.95	13%		\$ 3.90	\$ (0.05)	-1.31%
Ontario Electricity Rebate	31.8%		\$ (9.67)	31.8%		\$ (9.54)	\$ 0.13	-
Total Bill on TOU			\$ 24.69			\$ 24.36	\$ (0.32)	-1.31%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	150	kWh
Demand	1	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0389	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.10	1	\$ 5.10	\$ 6.57	1	\$ 6.57	\$ 1.47	28.82%
Distribution Volumetric Rate	\$ 17.7881	1	\$ 17.79	\$ 22.9051	1	\$ 22.91	\$ 5.12	28.77%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 22.89			\$ 29.48	\$ 6.59	28.78%
Line Losses on Cost of Power	\$ 0.1276	7	\$ 0.90	\$ 0.1276	6	\$ 0.74	\$ (0.16)	-17.41%
Total Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ (4.6576)	1	\$ (4.66)	\$ (4.66)	-
CBR Class B Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
GA Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.02010	1	\$ 0.02	\$ 0.0401	1	\$ 0.04	\$ 0.02	99.50%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 23.81			\$ 25.60	\$ 1.79	7.53%
RTSR - Network	\$ 2.1032	1	\$ 2.10	\$ 2.0868	1	\$ 2.09	\$ (0.02)	-0.78%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9041	1	\$ 1.90	\$ 1.9080	1	\$ 1.91	\$ 0.00	0.20%
Sub-Total C - Delivery (including Sub-Total B)			\$ 27.82			\$ 29.60	\$ 1.78	6.40%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	157	\$ 0.53	\$ 0.0034	156	\$ 0.53	\$ (0.00)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	157	\$ 0.08	\$ 0.0005	156	\$ 0.08	\$ (0.00)	-0.78%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	98	\$ 9.85	\$ 0.1010	98	\$ 9.85	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	26	\$ 3.67	\$ 0.1440	26	\$ 3.67	\$ -	0.00%
TOU - On Peak	\$ 0.2080	27	\$ 5.62	\$ 0.2080	27	\$ 5.62	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 47.81			\$ 49.59	\$ 1.78	3.71%
HST	13%		\$ 6.22	13%		\$ 6.45	\$ 0.23	3.71%
Ontario Electricity Rebate	31.8%		\$ (15.21)	31.8%		\$ (15.77)	\$ (0.56)	-
Total Bill on TOU			\$ 38.83			\$ 40.27	\$ 1.44	3.71%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption:	170,000 kWh
Demand:	474 kW
Current Loss Factor:	1.0471
Proposed/Approved Loss Factor:	1.0389

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.06	5424	\$ 27,445.44	\$ 1.55	5424	\$ 8,407.20	\$ (19,038.24)	-69.37%
Distribution Volumetric Rate	\$ 27.1545	474	\$ 12,871.23	\$ 8.3008	474	\$ 3,934.58	\$ (8,936.65)	-69.43%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	474	\$ -	\$ -	474	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 40,316.67			\$ 12,341.78	\$ (27,974.89)	-69.39%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	474	\$ -	\$ (0.5845)	474	\$ (277.05)	\$ (277.05)	
CBR Class B Rate Riders	\$ -	474	\$ -	\$ -	474	\$ -	\$ -	
GA Rate Riders	\$ -	170,000	\$ -	\$ -	170,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.01970	474	\$ 9.34	\$ 0.0410	474	\$ 19.43	\$ 10.10	108.12%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	474	\$ -	\$ -	474	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 40,326.01			\$ 12,084.16	\$ (28,241.85)	-70.03%
RTSR - Network	\$ 2.0930	474	\$ 992.08	\$ 2.0766	474	\$ 984.31	\$ (7.77)	-0.78%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8651	474	\$ 884.06	\$ 1.8689	474	\$ 885.86	\$ 1.80	0.20%
Sub-Total C - Delivery (including Sub-Total B)			\$ 42,202.15			\$ 13,954.33	\$ (28,247.82)	-66.93%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	178,007	\$ 605.22	\$ 0.0034	176,613	\$ 600.48	\$ (4.74)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	178,007	\$ 89.00	\$ 0.0005	176,613	\$ 88.31	\$ (0.70)	-0.78%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	178,007	\$ 19,598.57	\$ 0.1101	176,613	\$ 19,445.09	\$ (153.48)	-0.78%
Total Bill on Average IESO Wholesale Market Price			\$ 62,495.20			\$ 34,088.46	\$ (28,406.74)	-45.45%
HST	13%		\$ 8,124.38	13%		\$ 4,431.50	\$ (3,692.88)	-45.45%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 70,619.57			\$ 38,519.96	\$ (32,099.62)	-45.45%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION
RPP / Non-RPP:	RPP
Consumption:	92 kWh
Demand:	- kW
Current Loss Factor:	1.0471
Proposed/Approved Loss Factor:	1.0389

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 29.19	1	\$ 29.19	\$ 34.50	1	\$ 34.50	\$ 5.31	18.19%
Distribution Volumetric Rate	\$ -	92	\$ -	\$ -	92	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ (1.31)	1	\$ (1.31)	\$ (1.31)	
Volumetric Rate Riders	\$ 0.0008	92	\$ 0.07	\$ 0.0008	92	\$ 0.07	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 29.26			\$ 33.26	\$ 4.00	13.67%
Line Losses on Cost of Power	\$ 0.1276	4	\$ 0.55	\$ 0.1276	4	\$ 0.46	\$ (0.10)	-17.41%
Total Deferral/Variance Account Rate Riders	\$ -	92	\$ -	\$ (0.0003)	92	\$ (0.03)	\$ (0.03)	
CBR Class B Rate Riders	\$ -	92	\$ -	\$ -	92	\$ -	\$ -	
GA Rate Riders	\$ -	92	\$ -	\$ -	92	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00007	92	\$ 0.01	\$ 0.00015	92	\$ 0.01	\$ 0.01	114.29%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	92	\$ -	\$ -	92	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 30.39			\$ 34.28	\$ 3.88	12.78%
RTSR - Network	\$ 0.0073	96	\$ 0.70	\$ 0.0072	96	\$ 0.69	\$ (0.02)	-2.14%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0069	96	\$ 0.66	\$ 0.0069	96	\$ 0.66	\$ (0.01)	-0.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 31.76			\$ 35.62	\$ 3.86	12.16%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	96	\$ 0.33	\$ 0.0034	96	\$ 0.32	\$ (0.00)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	96	\$ 0.05	\$ 0.0005	96	\$ 0.05	\$ (0.00)	-0.78%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	60	\$ 6.04	\$ 0.1010	60	\$ 6.04	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	16	\$ 2.25	\$ 0.1440	16	\$ 2.25	\$ -	0.00%
TOU - On Peak	\$ 0.2080	17	\$ 3.44	\$ 0.2080	17	\$ 3.44	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 44.12			\$ 47.98	\$ 3.86	8.75%
HST	13%		\$ 5.74	13%		\$ 6.24	\$ 0.50	8.75%
Ontario Electricity Rebate	31.8%		\$ (14.03)	31.8%		\$ (15.26)	\$ (1.23)	
Total Bill on TOU			\$ 35.83			\$ 38.96	\$ 3.13	8.75%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption:	1,535	kWh
Demand:	-	kW
Current Loss Factor:	1.0471	
Proposed/Approved Loss Factor:	1.0389	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 29.19	1	\$ 29.19	\$ 34.50	1	\$ 34.50	\$ 5.31	18.19%
Distribution Volumetric Rate	\$ -	1535	\$ -	\$ -	1535	\$ -	\$ -	-
Fixed Rate Riders	\$ -	1	\$ -	\$ (1.31)	1	\$ (1.31)	\$ (1.31)	-
Volumetric Rate Riders	\$ 0.0008	1535	\$ 1.23	\$ 0.0008	1535	\$ 1.23	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 30.42			\$ 34.42	\$ 4.00	13.15%
Line Losses on Cost of Power	\$ 0.1276	72	\$ 9.22	\$ 0.1276	60	\$ 7.62	\$ (1.61)	-17.41%
Total Deferral/Variance Account Rate Riders	\$ -	1,535	\$ -	\$ (0.0003)	1,535	\$ (0.46)	\$ (0.46)	-
CBR Class B Rate Riders	\$ -	1,535	\$ -	\$ -	1,535	\$ -	\$ -	-
GA Rate Riders	\$ -	1,535	\$ -	\$ -	1,535	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.00007	1,535	\$ 0.11	\$ 0.00015	1,535	\$ 0.23	\$ 0.12	114.29%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	1,535	\$ -	\$ -	1,535	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 40.32			\$ 42.38	\$ 2.06	5.10%
RTSR - Network	\$ 0.0073	1,607	\$ 11.73	\$ 0.0072	1,595	\$ 11.48	\$ (0.25)	-2.14%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0069	1,607	\$ 11.09	\$ 0.0069	1,595	\$ 11.00	\$ (0.09)	-0.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 63.14			\$ 64.86	\$ 1.72	2.72%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	1,607	\$ 5.46	\$ 0.0034	1,595	\$ 5.42	\$ (0.04)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	1,607	\$ 0.80	\$ 0.0005	1,595	\$ 0.80	\$ (0.01)	-0.78%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	998	\$ 100.77	\$ 0.1010	998	\$ 100.77	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	261	\$ 37.58	\$ 0.1440	261	\$ 37.58	\$ -	0.00%
TOU - On Peak	\$ 0.2080	276	\$ 57.47	\$ 0.2080	276	\$ 57.47	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 265.48			\$ 267.15	\$ 1.67	0.63%
HST	13%		\$ 34.51	13%		\$ 34.73	\$ 0.22	0.63%
Ontario Electricity Rebate	31.8%		\$ (84.42)	31.8%		\$ (84.95)	\$ (0.53)	-
Total Bill on TOU			\$ 215.57			\$ 216.93	\$ 1.36	0.63%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption:	750	kWh
Demand:	-	kW
Current Loss Factor:	1.0471	
Proposed/Approved Loss Factor:	1.0389	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 29.19	1	\$ 29.19	\$ 34.50	1	\$ 34.50	\$ 5.31	18.19%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ -	1	\$ -	\$ (1.31)	1	\$ (1.31)	\$ (1.31)	-
Volumetric Rate Riders	\$ 0.0008	750	\$ 0.60	\$ 0.0008	750	\$ 0.60	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 29.79			\$ 33.79	\$ 4.00	13.43%
Line Losses on Cost of Power	\$ 0.1101	35	\$ 3.89	\$ 0.1101	29	\$ 3.21	\$ (0.68)	-17.41%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ (0.0003)	750	\$ (0.23)	\$ (0.23)	-
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.00007	750	\$ 0.05	\$ 0.00015	750	\$ 0.11	\$ 0.06	114.29%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 34.30			\$ 37.46	\$ 3.16	9.21%
RTSR - Network	\$ 0.0073	785	\$ 5.73	\$ 0.0072	779	\$ 5.61	\$ (0.12)	-2.14%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0069	785	\$ 5.42	\$ 0.0069	779	\$ 5.38	\$ (0.04)	-0.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 45.45			\$ 48.45	\$ 2.99	6.58%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	785	\$ 2.67	\$ 0.0034	779	\$ 2.65	\$ (0.02)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	785	\$ 0.39	\$ 0.0005	779	\$ 0.39	\$ (0.00)	-0.78%
Standard Supply Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 131.09			\$ 134.06	\$ 2.97	2.26%
HST	13%		\$ 17.04	13%		\$ 17.43	\$ 0.39	2.26%
Ontario Electricity Rebate	31.8%		\$ (41.69)	31.8%		\$ (42.63)	\$ (0.94)	-
Total Bill on Non-RPP Avg. Price			\$ 106.45			\$ 108.86	\$ 2.41	2.26%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption:	2,000	kWh
Demand:	-	kW
Current Loss Factor:	1.0471	
Proposed/Approved Loss Factor:	1.0389	

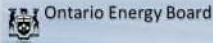
	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.00	1	\$ 25.00	\$ 28.49	1	\$ 28.49	\$ 3.49	13.96%
Distribution Volumetric Rate	\$ 0.0192	2000	\$ 38.40	\$ 0.0219	2000	\$ 43.80	\$ 5.40	14.06%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0007	2000	\$ 1.40	\$ 0.0017	2000	\$ 3.40	\$ 2.00	142.86%
Sub-Total A (excluding pass through)			\$ 64.80			\$ 75.69	\$ 10.89	16.81%
Line Losses on Cost of Power	\$ 0.1101	94	\$ 10.37	\$ 0.1101	78	\$ 8.57	\$ (1.81)	-17.41%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ (0.0015)	2,000	\$ (3.00)	\$ (3.00)	
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00007	2,000	\$ 0.14	\$ 0.00013	2,000	\$ 0.26	\$ 0.12	85.71%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 75.88			\$ 82.09	\$ 6.20	8.18%
RTSR - Network	\$ 0.0070	2,094	\$ 14.66	\$ 0.0069	2,078	\$ 14.34	\$ (0.32)	-2.20%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0061	2,094	\$ 12.77	\$ 0.0061	2,078	\$ 12.67	\$ (0.10)	-0.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 103.32			\$ 109.10	\$ 5.78	5.60%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,094	\$ 7.12	\$ 0.0034	2,078	\$ 7.06	\$ (0.06)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,094	\$ 1.05	\$ 0.0005	2,078	\$ 1.04	\$ (0.01)	-0.78%
Standard Supply Service Charge	\$ -		\$ -	\$ -		\$ -	\$ -	
Non-RPP Retailer Avg. Price	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 331.68			\$ 337.40	\$ 5.72	1.72%
HST	13%		\$ 43.12	13%		\$ 43.86	\$ 0.74	1.72%
Ontario Electricity Rebate	31.8%		\$ (105.48)	31.8%		\$ (107.29)	\$ (1.81)	-1.72%
Total Bill on Non-RPP Avg. Price			\$ 269.33			\$ 273.97	\$ 4.64	1.72%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption:	6,400	kWh
Demand:	-	kW
Current Loss Factor:	1.0471	
Proposed/Approved Loss Factor:	1.0389	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.00	1	\$ 25.00	\$ 28.49	1	\$ 28.49	\$ 3.49	13.96%
Distribution Volumetric Rate	\$ 0.0192	6400	\$ 122.88	\$ 0.0219	6400	\$ 140.16	\$ 17.28	14.06%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0007	6400	\$ 4.48	\$ 0.0017	6400	\$ 10.88	\$ 6.40	142.86%
Sub-Total A (excluding pass through)			\$ 152.36			\$ 179.53	\$ 27.17	17.83%
Line Losses on Cost of Power	\$ 0.1276	301	\$ 38.45	\$ 0.1276	249	\$ 31.76	\$ (6.69)	-17.41%
Total Deferral/Variance Account Rate Riders	\$ -	6,400	\$ -	\$ (0.0015)	6,400	\$ (9.60)	\$ (9.60)	
CBR Class B Rate Riders	\$ -	6,400	\$ -	\$ -	6,400	\$ -	\$ -	
GA Rate Riders	\$ -	6,400	\$ -	\$ -	6,400	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00007	6,400	\$ 0.45	\$ 0.00013	6,400	\$ 0.83	\$ 0.38	85.71%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	6,400	\$ -	\$ -	6,400	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 191.83			\$ 203.09	\$ 11.26	5.87%
RTSR - Network	\$ 0.0070	6,701	\$ 46.91	\$ 0.0069	6,649	\$ 45.88	\$ (1.03)	-2.20%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0061	6,701	\$ 40.88	\$ 0.0061	6,649	\$ 40.56	\$ (0.32)	-0.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 279.62			\$ 289.53	\$ 9.91	3.54%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	6,701	\$ 22.78	\$ 0.0034	6,649	\$ 22.61	\$ (0.18)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	6,701	\$ 3.35	\$ 0.0005	6,649	\$ 3.32	\$ (0.03)	-0.78%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	4,160	\$ 420.16	\$ 0.1010	4,160	\$ 420.16	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	1,088	\$ 156.67	\$ 0.1440	1,088	\$ 156.67	\$ -	0.00%
TOU - On Peak	\$ 0.2080	1,152	\$ 239.62	\$ 0.2080	1,152	\$ 239.62	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 1,122.46			\$ 1,132.16	\$ 9.70	0.86%
HST	13%		\$ 145.92	13%		\$ 147.18	\$ 1.26	0.86%
Ontario Electricity Rebate	31.8%		\$ (356.94)	31.8%		\$ (360.03)	\$ (3.09)	-0.86%
Total Bill on TOU			\$ 911.43			\$ 919.31	\$ 7.88	0.86%

Customer Class:	GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption:	117,000	kWh
Demand:	244	kW
Current Loss Factor:	1.0471	
Proposed/Approved Loss Factor:	1.0389	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 315.75	1	\$ 315.75	\$ 371.19	1	\$ 371.19	\$ 55.44	17.56%
Distribution Volumetric Rate	\$ 2.6359	244	\$ 643.16	\$ 3.0673	244	\$ 748.42	\$ 105.26	16.37%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.1090	244	\$ 26.60	\$ 0.4026	244	\$ 98.23	\$ 71.64	269.36%
Sub-Total A (excluding pass through)			\$ 985.51			\$ 1,217.85	\$ 232.34	23.58%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ -	244	\$ -	\$ (0.2364)	244	\$ (57.68)	\$ (57.68)	-
CBR Class B Rate Riders	\$ -	244	\$ -	\$ -	244	\$ -	\$ -	-
GA Rate Riders	\$ -	117,000	\$ -	\$ -	117,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.02550	244	\$ 6.22	\$ 0.0519	244	\$ 12.66	\$ 6.44	103.53%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	244	\$ -	\$ -	244	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 991.73			\$ 1,172.83	\$ 181.10	18.26%
RTSR - Network	\$ 2.7750	244	\$ 677.10	\$ 2.7533	244	\$ 671.81	\$ (5.29)	-0.78%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.4129	244	\$ 588.75	\$ 2.4178	244	\$ 589.94	\$ 1.20	0.20%
Sub-Total C - Delivery (including Sub-Total B)			\$ 2,257.58			\$ 2,434.58	\$ 177.00	7.84%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	122,511	\$ 416.54	\$ 0.0034	121,551	\$ 413.27	\$ (3.26)	-0.78%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	122,511	\$ 61.26	\$ 0.0005	121,551	\$ 60.78	\$ (0.48)	-0.78%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	122,511	\$ 13,488.43	\$ 0.1101	121,551	\$ 13,382.80	\$ (105.63)	-0.78%
Total Bill on Average IESO Wholesale Market Price			\$ 16,224.05			\$ 16,291.67	\$ 67.63	0.42%
HST	13%		\$ 2,109.13	13%		\$ 2,117.92	\$ 8.79	0.42%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	-
Total Bill on Average IESO Wholesale Market Price			\$ 18,333.17			\$ 18,409.59	\$ 76.42	0.42%



Tariff Schedule and Bill Impacts Model (2021 Cost of Service Filers)

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (Retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact 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). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate Applications.

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

Note:

- For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
- Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP (Other)?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charges for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kwh	RPP						
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kwh	RPP						
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kw	Non-RPP (Other)						
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kw	Non-RPP (Other)	1.0471	1.0389	1,280,000	2,440	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kwh	RPP						
SENTINEL LIGHTING SERVICE CLASSIFICATION	kw	RPP						
STREET LIGHTING SERVICE CLASSIFICATION	kw	Non-RPP (Other)						
STANDBY POWER SERVICE CLASSIFICATION								
RESIDENTIAL SERVICE CLASSIFICATION	kwh	RPP						
RESIDENTIAL SERVICE CLASSIFICATION	kwh	RPP						
RESIDENTIAL SERVICE CLASSIFICATION	kwh	Non-RPP (Retailer)						
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kwh	Non-RPP (Retailer)						
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kwh	RPP						
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kwh	Non-RPP (Other)						
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total				Total Total Bill	
		A	%	B	%	C	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kwh	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kwh	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ 1,697.22	16.1%	\$ 1,159.44	10.9%	\$ 1,116.50	4.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kwh	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kw	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
STANDBY POWER SERVICE CLASSIFICATION -							
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kwh	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kwh	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kwh	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kwh	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kwh	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kwh	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%

Customer Class: **GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION**
 RPP / Non-RPP: **Non-RPP (Other)**
 Consumption: **1,280,000 kWh**
 Demand: **2,440 kW**
 Current Loss Factor: **1.0471**
 Proposed/Approved Loss Factor: **1.0389**

	Current OEB-Approved		Proposed		Impact	
	Rate (\$)	Volume	Rate (\$)	Volume	\$ Change	% Change
Monthly Service Charge	\$ 6,734.18	1	\$ 6,734.18	1	\$ 939.60	13.95%
Distribution Volumetric Rate	\$ 1,237.8	2,440	\$ 3,020.23	2,440	\$ 3,237.39	217.16
Fixed Rate Riders	\$ -	1	\$ -	1	\$ -	-
Volumetric Rate Riders	\$ 0.3146	2,440	\$ 767.62	2,440	\$ 1,308.08	540.46
Sub-Total A (excluding pass through)						
	\$ -		\$ 10,522.04		\$ 12,219.26	16.13%
Line Losses on Cost of Power	\$ -		\$ -		\$ -	-
Total Deferral/Variance Account Rate Riders	\$ -	2,440	\$ (0.2441)	2,440	\$ (595.60)	(5.95.60)
CBR Class B Rate Riders	\$ -	2,440	\$ -	2,440	\$ -	-
GA Rate Riders	\$ -	1,280,000	\$ -	1,280,000	\$ -	-
Low Voltage Service Charge	\$ 0.0282	2,440	\$ 68.81	2,440	\$ 126.64	57.83
Smart Meter Entry Charge (if applicable)	\$ -	1	\$ -	1	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	1	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,440	\$ -	2,440	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)						
	\$ 2,943.6	2,440	\$ 7,182.38	2,440	\$ 7,126.26	(56.12)
RTSR - Network	\$ 2,943.6	2,440	\$ 7,182.38	2,440	\$ 7,126.26	(56.12)
RTSR - Connection and/or Line and Transformation Connection	\$ 2,666.5	2,440	\$ 6,506.26	2,440	\$ 6,519.44	13.18
Sub-Total C - Delivery (including Sub-Total B)						
	\$ 24,279.49		\$ 24,279.49		\$ 25,395.99	1,116.50
Wholesale Market Service Charge (WMS)	\$ 0.0034	1,340,288	\$ 4,556.96	1,329,792	\$ 4,521.29	(35.69)
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	1,340,288	\$ 670.14	1,329,792	\$ 664.90	(5.25)
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	1	\$ 0.25	-
Average IESO Wholesale Market Price	\$ 0.1101	1,340,288	\$ 147,565.71	1,329,792	\$ 146,410.10	(1,155.61)
Total Bill on Average IESO Wholesale Market Price						
	\$ 177,072.67		\$ 176,992.53		\$ (80.04)	-0.05%
HST	\$ 13%		\$ 23,019.43	13%	\$ 23,009.03	(10.41)
Ontario Electricity Rebate	\$ 31.8%		\$ -	31.8%	\$ -	-
Total Bill on Average IESO Wholesale Market Price						
	\$ 200,092.00		\$ 200,001.55		\$ (90.45)	-0.05%

1 APPENDIX 8-E - OEB Appendix 2-R Loss Factors

Appendix 2-R Loss Factors							
		Historical Years					5-Year Average
		2015	2016	2017	2018	2019	
Losses Within Distributor's System							
A(1)	"Wholesale" kWh delivered to distributor (higher value)	538,323,196	508,987,624	500,698,339	514,889,565	514,147,824	515,409,310
A(2)	"Wholesale" kWh delivered to distributor (lower value)	535,155,628	506,019,934	497,811,604	511,965,704	511,122,664	512,415,107
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)						-
C	Net "Wholesale" kWh delivered to distributor = A(2) - B	535,155,628	506,019,934	497,811,604	511,965,704	511,122,664	512,415,107
D	"Retail" kWh delivered by distributor	516,728,999	488,765,497	482,398,546	496,980,971	495,761,810	496,127,165
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)						-
F	Net "Retail" kWh delivered by distributor = D - E	516,728,999	488,765,497	482,398,546	496,980,971	495,761,810	496,127,165
G	Loss Factor in Distributor's system = C / F	1.0357	1.0353	1.0320	1.0302	1.0310	1.0328
Losses Upstream of Distributor's System							
H	Supply Facilities Loss Factor	1.0059	1.0059	1.0058	1.0057	1.0059	1.0058
Total Losses							
I	Total Loss Factor = G x H	1.0418	1.0414	1.0379	1.0360	1.0371	1.0389

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