



EXHIBIT 8  
RATE DESIGN

# Table of Contents

8.1 Rate Design Overview . . . . .	3
8.1.1 Fixed/Variable Proportion . . . . .	4
8.1.1.1 Current Fixed/Variable Proportion . . . . .	4
8.1.1.2 – Proposed Split Fixed/Variable . . . . .	5
8.1.1.3 – Proposed Monthly Service Charge . . . . .	6
8.1.1.4 – Proposed Volumetric Charges . . . . .	9
8.1.1.5 – Transformer Allowance . . . . .	9
8.1.1.6 – Proposed Distribution Rates . . . . .	10
8.1.1.7 Standby Charge. . . . .	11
8.1.1.8 – Revenue Reconciliation . . . . .	11
8.2 Rate Design Policy Overview . . . . .	14
8.3.1 Retail Transmission Service Rates (RTSRS) . . . . .	16
8.3.2 Retail Service Charge . . . . .	19
8.3.3 Regulatory Charges . . . . .	22
8.3.4 Microfit Service Charge . . . . .	23
8.3.5 Smart Meter Entity Charge . . . . .	24
8.3.6 Specific Service Charges . . . . .	25
8.3.7 Wireline Pole Attachment Charge . . . . .	27
8.3.8 Low Voltage Service Rates . . . . .	29
8.4.1 Loss Adjustment Factors. . . . .	48
8.5.1 Tariff of Rates and Charges. . . . .	52
8.5.2 Bill Impact Information . . . . .	54
8.5.3.1 Rate Mitigation . . . . .	56
8.5.3.2 Residential Rate Design. . . . .	57
8.5.3.3 Mitigation Plan Approaches. . . . .	57
Appendix 8-12020 Revenue Requirement Work FormSheet 12 and 13 . . . . .	58
Appendix 8-22020 RTSR Work Form. . . . .	61
Appendix 8-3Appendix 2-R. . . . .	73
Appendix 8-4Current Tariff May 1, 2020. . . . .	75

Appendix 8-5Proposed Tariff January 1, 2021 . . . . .	87
Appendix 8-6OEB Bill Impact Model . . . . .	98



## **Exhibit 8:**

## **Rate Design**

Exhibit 8: Rate Design

---

**Tab 1 (of 5): Rate Design Overview**

# FIXED/VARIABLE PROPORTION

## 8.1 Rate Design Overview

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

NPEI has determined its total service revenue requirement to be \$37,840,675. The total revenue offsets in the amount of \$2,971,337 reduce NPEI's total service revenue requirement to a base revenue requirement of \$34,869,338 which is used to determine the proposed distribution rates.

The base revenue requirement is derived from NPEI's capital and operating spending forecasts, weather normalized usage, forecasted customer counts, calculated PILS and regulated return on rate base. The revenue requirement is summarized in Table 8.1-1 below:

**Table 8.1-1 – Base Revenue Requirement**

	2021 Test Year
OM&A Expenses	20,120,915
Amortization Expenses	8,442,650
Property Taxes	263,095
PILS	334,085
Deemed Interest Expenses	2,887,958
Regulated Return on Capital	5,791,971
Service Revenue Requirement	37,840,675
Less: Revenue Offsets	2,971,337
Base Revenue Requirement	34,869,338

1 The outstanding base revenue requirement is allocated to the various rate classes as  
2 outlined in Exhibit 7 – Cost Allocation, Table 7.2-2. The following Table 8.1-2 outlines  
3 the allocation of the base revenue requirement to the rate classes.

4

5 **Table 8.1-2 – Allocation of Base Revenue Requirement to Rate Classes**

6

Rate Class	2021 Proposed Base Revenue
Residential	22,531,540
GS < 50 kW	4,417,972
GS > 50 kW	7,577,389
Sentinel Lighting	81,628
Unmetered Scattered Load	104,329
Street Lighting	156,479
Total Base Revenue Requirement	34,869,338

7

8

9

10 **8.1.1 Fixed/Variable Proportion**

11

12 **8.1.1.1 Current Fixed/Variable Proportion**

13

14 The fixed revenue at existing rates is determined by applying the 2020 NPEI approved  
15 monthly service charges to the forecasted number of customers. The variable revenue  
16 at existing rates is calculated by applying the 2020 approved distribution volumetric  
17 charge, excluding rate riders and the transformer allowance, to the forecasted volumes.  
18 This information is used to determine the current split between fixed and variable  
19 distribution revenues by rate class for NPEI, which is outlined in Table 8.1.1.1-1.

20

21

22

1  
2

**Table 8.1.1.1-1 – Current Split Fixed/Variable**

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 Portion	Variable Revenue Portion
Residential	20,983,817	-	20,983,817	100.0%	0.0%
GS < 50 kW	2,187,854	1,926,642	4,114,496	53.2%	46.8%
GS > 50 kW	1,060,646	5,868,240	6,928,887	15.3%	84.7%
Sentinel Lighting	61,328	14,693	76,021	80.7%	19.3%
Unmetered Scattered Load	80,964	21,335	102,299	79.1%	20.9%
Street Lighting	206,144	62,450	268,595	76.7%	23.3%
Total Base Revenue Requirement	24,580,754	7,893,360	32,474,115		

3  
4

**8.1.1.2 – Proposed Split Fixed/Variable**

The fixed revenue at proposed rates is determined by applying the 2021 NPEI proposed monthly service charges to the forecasted number of customers. The variable revenue at proposed rates is calculated by applying the 2021 proposed distribution volumetric charge, excluding rate riders and the transformer allowance, to the forecasted volumes. This information is used to determine the proposed split between fixed and variable distribution revenues by rate class for NPEI, which is outlined in Table 8.1.1.2-1.

12  
13

**Table 8.1.1.2-1 Proposed Split Fixed/Variable**

Rate Class	2021 Fixed Base Revenue with 2021 Proposed Rates	2021 Variable Base Revenue with 2021 Proposed Rates	2021 Total Base Revenue with 2021 Proposed Rates	Fixed Revenue Portion	Variable Revenue Portion
Residential	22,531,540	-	22,531,540	100.00%	0.0%
GS < 50 kW	2,349,225	2,068,747	4,417,972	53.17%	46.8%
GS > 50 kW	1,639,203	5,938,186	7,577,389	21.63%	78.4%
Sentinel Lighting	65,852	15,776	81,628	80.67%	19.3%
Unmetered Scattered Load	82,570	21,759	104,329	79.14%	20.9%
Street Lighting	120,097	36,383	156,479	76.75%	23.3%
Total Base Revenue Requirement	26,788,488	8,080,850	34,869,338		

14

1 See Appendix 8-1-Sheet 13 of the RRWF-Rate Design.

2

3 NPEI's current fixed/variable proportions are consistent with the current proportions with  
4 the exception of the GS > 50 Kw rate class. As part of the settlement process in the  
5 2015 Cost of Service rate application section 3.3.1 *"For the GS>50 kW class, all Parties*  
6 *have agreed that the fixed rate should be set at the Minimum System with PLCC rate*  
7 *from the Cost Allocation Model."* During the customer engagement process, NPEI  
8 engaged its' GS > 50 kW customers with respect to rate design and the fixed-variable  
9 split. In Appendix 1-27 of the Customer Engagement Report, page 154, NPEI provided  
10 background information related to designing rates. NPEI asked its GS > 50 kW  
11 customers if they would prefer the:

- 12 • Status Quo - 15% fixed; 85% variable
- 13 • Included in Draft Plan – 21% fixed; 79% variable
- 14 • Higher Fixed Distribution Charge – 33% fixed; 66% variable

15

16 Results of the survey for this question were as follows:

17

- 18 • Status Quo – 11 in favour
- 19 • Included in Draft Plan – 20 in favour
- 20 • Higher Fixed Distribution Charge – 1 in favour

21

22 NPEI is proposing a fixed/variable split of 21.63% fixed and 78.37% variable as  
23 calculated in the 2021 Cost Allocation model using the Minimum System with PLCC  
24 Adjustment similar to the 2015 Cost of Service rate application and consistent with the  
25 results from NPEI's customer engagement.

### 26 **8.1.1.3 – Proposed Monthly Service Charge**

27

28 NPEI proposes the fixed/variable proportions assumed in the current rates to design the  
29 proposed monthly service charges. This proposal is consistent with the Ontario Energy  
30 Board's (OEB) Decision in the following cases:

1 Centre Wellington Hydro Ltd – 2013 Cost of Service Rate (EB-2012-0113);  
2 Atikokan Hydro Inc. – 2012 Cost of Service Rate (EB-2011-0293);  
3 Espanola Regional Hydro Distribution Corporation – 2012 Cost of Service Rate (EB-  
4 2011-0319)  
5 Hydro One Brampton Networks Inc. – 2011 Cost of Service Application (EB-2010-0132);  
6 Kenora Hydro Electric Corporation Ltd – 2011 Cost of Service Application (EB-2010-  
7 0135).

8

9 **Residential Customer Class – Transition to Monthly Fixed Rate**

10

11 On April 2, 2015, The OEB released the Report of the Board: A New Rate Design for  
12 Electricity Residential Customers (EB-2012-0410) and determined that residential  
13 distribution rates would move to a fully-fixed monthly charge over a four-year period.  
14 This transition process requires that the fixed charge is increased gradually while the  
15 volumetric charge is reduced slowly, so that the customer rate impact and the  
16 distributors residential class revenue remains neutral. In the 2016 Rate Application (EB-  
17 2015-0090), NPEI received approval to transition the residential rate to a fully-fixed rate  
18 over a four-year period, commencing with the May 1, 2016 rates.

19

20 For NPEI, 2019 represented the fourth year and final year of the transition to a fully fixed  
21 monthly service charge. As such, the 2021 distribution rate for the Residential rate class  
22 will be charged on a fully fixed basis. See Appendix 8-1 Sheet 12 of the RRWF-New  
23 Rate Design Policy for Residential Customers.

24

25

26

27

28

29

30

31

32

1  
2

**Table 8.1.1.3-1 Proposed Monthly Service Charge**

Rate Class	Total Base Revenue Requirement	Fixed Revenue Requirement	Fixed Revenue	Annualized Customers/Connections	Proposed Monthly Service Charge
Residential	22,531,540	100.00%	22,531,540	51,935	36.15
GS < 50 kW	4,417,972	53.17%	2,349,225	4,541	43.11
GS > 50 kW	7,577,389	21.63%	1,639,203	810	168.64
Sentinel Lighting	81,628	80.67%	65,852	283	19.36
Unmetered Scattered Load	104,329	79.14%	82,570	325	21.14
Street Lighting	156,479	76.75%	120,097	13,634	0.73
Total Base Revenue Requirement	34,869,338		26,788,488		

3  
4

For comparison purposes Table 8.1.1.3-2 below compares the current 2020 fixed rate to the proposed 2021 fixed rate and the minimum system with PLCC (Peak Load Carrying Capability) adjustment as calculated by the Cost Allocation Model.

5  
6  
7  
8  
9  
10

**Table 8.1.1.3-2 – Monthly Service Charge Comparison**

Rate Class	Current 2020 Fixed Monthly Service Charge	Proposed 2021 Fixed Monthly Service Charge	Minimum System with PLCC Adjustment (from Cost Allocation Model)
Residential	\$33.67	\$36.15	\$33.76
GS < 50 kW	\$40.15	\$43.11	\$47.98
GS > 50 kW	\$109.12	\$168.64	\$168.64
Sentinel Lighting	\$18.03	\$19.36	\$26.92
Unmetered Scattered Load	\$20.73	\$21.14	\$17.90
Street Lighting	\$1.26	\$0.73	\$76.01

11  
12

As per the OEB's Filing Requirements for Electricity Distribution Rate Applications-2018 Edition for 2019 Rate Applications-Chapter 2 Cost of Service dated July 12, 2018, section 2.8.1 Fixed/Variable Proportion "If a distributor's current fixed charge for any non-residential class is higher than the calculated ceiling, there is no requirement to

13  
14  
15  
16

1 lower the fixed charge to the ceiling, nor are distributors expected to raise the fixed  
 2 charger further above the ceiling for any non-residential class.” As per the above model,  
 3 both the current and proposed monthly service charge for the Unmetered Scattered  
 4 Load rate class are above the minimum system with PLCC adjustment (ceiling) amount.  
 5

6 **8.1.1.4 – Proposed Volumetric Charges**

7  
 8 The variable distribution charge is calculated by dividing the variable distribution portion  
 9 of the base revenue requirement by the appropriate NPEI Test Year usage, kWh or kW  
 10 as the class charge determinant.

11  
 12 The following Table 8.1.4-1 provides NPEI’s calculation of its proposed variable  
 13 distribution charges for the 2021 Test Year.

14  
 15 **Table 8.1.1.4-1 – Proposed Variable Rate (net of Transformer Allowance)**

16

Rate Class	Total Base Revenue Requirement	Variable Revenue Proportion	Variable Revenue	Annualized kWh or kW	Unit of Measure	Proposed Distribution Volumetric Rate
Residential	22,531,540	0.0%	-	454,614,210	kWh	0
GS < 50 kW	4,417,972	46.8%	2,068,747	131,961,769	kWh	0.0157
GS > 50 kW	7,577,389	78.4%	5,938,186	1,775,257	kW	3.345
Sentinel Lighting	81,628	19.3%	15,776	653	kW	24.159
Unmetered Scattered Load	104,329	20.9%	21,759	1,481,614	kWh	0.0147
Street Lighting	156,479	23.3%	36,383	12,545	kW	2.9003
Total Base Revenue Requirement	34,869,338		8,080,850			

17  
 18  
 19 **8.1.1.5 – Transformer Allowance**

20  
 21 Currently, NPEI provides a Transformer Allowance to those customers that own their  
 22 transformation facilities. NPEI proposes to maintain the current approved transformer

1 ownership allowance of \$0.60 per kW. The Transformer Allowance is intended to reflect  
2 the costs to a distributor of providing step down transformation facilities to the  
3 customer's utilization voltage level. Since the distributor provides electricity at utilization  
4 voltage, the cost of this transformation is captured in and recovered through the  
5 distribution rates.

6  
7 When a customer provides its own step-down transformation from primary to secondary,  
8 it should receive a credit of these costs already included in the distribution rates. The  
9 amount of Transformer Allowance expected to be provided to the customers in the  
10 General Service > 50 kW class that own their transformers has been included in the  
11 volumetric charge for this class. For the General Service > 50 kW class, the kW  
12 volumetric charge of \$3.345 per kW will increase by \$0.2615 per kW to a total of  
13 \$3.6065 per kW to recover the amount of the Transformer Allowance over all kW in the  
14 class.

#### 15 16 **8.1.1.6 – Proposed Distribution Rates**

17  
18 The following Table 8.1.1.6-1 sets out NPEI's proposed electricity distribution rates  
19 based on the foregoing calculations, including adjustments for the recovery of  
20 transformer allowance. These rates are consistent with those calculated in Sheet 13 of  
21 the Revenue Requirement Work Form that has been filed in live Excel format (EB-2020-  
22 0040\_NPEI\_Appl\_Rev\_Reqt\_Workform\_20200430). The monthly fixed service charge  
23 has been rounded to two (2) decimal places and the monthly distribution volumetric  
24 charge has been rounded to four (4) decimal places in Table 8.1.1.6-1 below.

1  
2

**Table 8.1.1.6-1 – Proposed Distribution Rates**

Rate Class	Proposed Monthly Service Charge	Unit of Measure	Proposed Distribution Volumetric Rate	Current Monthly Service Charge	Unit of Measure	Current Distribution Volumetric Rate
Residential	\$36.15	kWh	0	\$33.67	kWh	0
GS < 50 kW	\$43.11	kWh	0.0157	\$40.15	kWh	0.0146
GS > 50 kW	\$168.64	kW	3.6065	\$109.12	kW	3.5671
Sentinel Lighting	\$19.36	kW	24.159	\$18.03	kW	22.4995
Unmetered Scattered Load	\$21.14	kWh	0.0147	\$20.73	kWh	0.0144
Street Lighting	\$0.73	kW	2.9003	\$1.26	kW	4.9783

3  
4  
5

**8.1.1.7 Standby Charge**

7

8 NPEI currently does not have a Standby Charge and NPEI is not proposing a Standby  
 9 Charge in this Application.

10  
11

**8.1.1.8 – Revenue Reconciliation**

13

14 Table 8.1.1.8-1 provides a reconciliation of revenue based on proposed distribution rates  
 15 and the total base revenue requirement.

16  
17

1  
 2  
 3  
 4

**Table 8.1.1.8-1 – Revenue Reconciliation**

Rate Class	Customers/ Connections	Number of Customers/ Connections Average	Test Year Consumption/ Demand		Proposed Rates			Fixed Revenue	Variable Revenue	Transformer Allowance	Proposed Revenues	Revenue Requirement	Difference
			kWh	kW	Monthly Service Charge	Volumetric kWh	kW						
Residential	Customers	51,935	454,614,210		\$36.15	0		22,531,540	-		22,531,540	22,531,540	-
GS < 50 kW	Customers	4,541	131,961,769		\$43.11	0.0157		2,349,225	2,071,800		4,421,025	4,417,972	(3,053)
GS > 50 kW	Customers	810		1,775,257	\$168.64		3.6065	1,639,203	6,402,464	(464,279)	7,577,388	7,577,389	1
Sentinel Lighting	Connections	325		653	\$19.36		24.159	75,613	15,776		91,389	81,628	(9,761)
Unmetered Scattered Load	Customers	283	1,481,614		\$21.14	0.0147		71,913	21,779.72		93,692	104,329	10,637
Street Lighting	Connections	13,634		12,545	\$0.73		2.9003	120,097	36,383		156,479	156,479	(0)
								26,787,591	8,548,203	(464,279)	34,871,514	34,869,338	(2,176)

Exhibit 8: Rate Design

---

**Tab 2 (of 5): Rate Design Policy**

1

## **RATE DESIGN POLICY**

### **2 8.2 Rate Design Policy Overview**

3

4 On April 2, 2015, the OEB released its Board Policy on A New Distribution Rate Design  
5 for Residential Electricity Customers, which stated that electricity distributors will  
6 transition to a fully fixed monthly distribution service charge for residential customers. In  
7 the 2016 Rate Application (EB-2015-0090), NPEI received approval to transition the  
8 residential rate to a fully-fixed rate over a four-year period, commencing with the May 1,  
9 2016 rates.

10

11 For NPEI, 2019 represents the fourth year and final year of the transition to a fully fixed  
12 monthly service charge. As such, the 2021 distribution rate for the Residential rate class  
13 will be charged on a fully fixed basis. See Appendix 8-1 Sheet 12 of the RRWF-New  
14 Rate Design Policy for Residential Customers.

Exhibit 8: Rate Design

---

**Tab 3 (of 5): Retail Transmission Service Rates  
(RTSRs) and Other Charges**

# 1           **RETAIL TRANSMISSION SERVICE RATES (RTSRS)**

## 2           **8.3.1 Retail Transmission Service Rates (RTSRS)**

3  
4           Revision 4.0 of *Guideline (G-2008-0001) on Retail Transmission Service Rates, (June*  
5           *28, 2012)*, instructs electricity distributors to adjust their retail transmission service rates  
6           ("RTSRS") based on a comparison of historical transmission costs adjusted for new  
7           Uniform Transmission Rates ("UTR") levels, and revenues generated from existing  
8           RTSRS.

9  
10          As the OEB's 2021 rate models were not available at the time of preparing this  
11          application, NPEI requested OEB staff to modify the 2020 RTSR Model to be utilized for  
12          2021, to incorporate 2019 Historical, 2020 Current and 2021 Forecast UTRs and  
13          RTSRS. OEB Staff provided NPEI with the revised model on February 14, 2020.

14  
15          NPEI notes that, in addition to the IESO and Hydro One, NPEI is also billed transmission  
16          charges by Grimsby Power Inc. ("GPI") for NPEI load that is supplied by GPI's Niagara  
17          West Transmission Station ("Niagara West").

18  
19          In calculating its proposed RTSRS for 2021, NPEI has utilized the following rates from  
20          the IESO, Hydro One and GPI to populate Sheet 5. Historical Wholesale and Sheet 6.  
21          Current Wholesale in the OEB's RTSR Workform.

- 22  
23           • January 2019 – June 2019: 2019 Interim UTRs (EB-2018-0329)  
24           • July 2019 – December 2019: 2019 Final UTRs (EB-2019-0164)  
25           • January – December 2020: 2020 Interim UTRs (EB-2019-0296)  
26           • January – June 2019: Hydro One RTSRS for the Sub-Transmission Class (EB-  
27           2016-0081)  
28           • July – December 2019: Hydro One RTSRS for the Sub-Transmission Class (EB-  
29           2017-0049)

- 1 • January – December 2020: Hydro One RTSRs for the Sub-Transmission Class  
 2 (EB-2019-0043)
- 3 • January – December 2019: GPI RTSRs for the Embedded Distributor Class (EB-  
 4 2018-0035)
- 5 • January – December 2020: GPI RTSRs for the Embedded Distributor Class (EB-  
 6 2019-0038)

7

8 On Sheet 7. Forecast Wholesale, NPEI used the 2020 Interim UTRs, the 2020 Hydro  
 9 One Sub-Transmission RTSRs and the 2020 GPI Embedded Distributor RTSRs to  
 10 forecast 2021.

11

12 In the event that more recent rates are approved by the OEB before this application is  
 13 finalized, NPEI proposes to update the RTSR Workform to reflect the updated rates.

14

15 A summary of NPEI's proposed RTSRs is provided in the following Table 8.3.1.1 and  
 16 8.3.1.2:

17

18 **Table 8.3.1.1 – Proposed RTSR Network Rates**

Class	Unit	2020 RTSR Network	Proposed 2021 RTSR Network	Variance	Variance %
Residential	kWh	0.0074	0.0072	(0.0002)	-2.8%
General Service Less Than 50 kW	kWh	0.0067	0.0065	(0.0002)	-2.8%
General Service 50 to 4,999 kW	kW	2.7628	2.6864	(0.0764)	-2.8%
Unmetered Scattered Load	kWh	0.0067	0.0065	(0.0002)	-2.8%
Sentinel Lighting	kW	2.0455	1.9889	(0.0566)	-2.8%
Street Lighting	kW	2.0884	2.0306	(0.0578)	-2.8%

19

20

21

22

23

24

25

26

1

**Table 8.3.1.2 – Proposed RTSR Connection Rates**

<b>Class</b>	<b>Unit</b>	<b>2020 RTSR Connection</b>	<b>Proposed 2021 RTSR Connection</b>	<b>Variance</b>	<b>Variance %</b>
Residential	kWh	0.0054	0.0052	(0.0002)	-4.0%
General Service Less Than 50 kW	kWh	0.0047	0.0045	(0.0002)	-4.0%
General Service 50 to 4,999 kW	kW	1.9004	1.8247	(0.0757)	-4.0%
Unmetered Scattered Load	kWh	0.0047	0.0045	(0.0002)	-4.0%
Sentinel Lighting	kW	1.5881	1.5248	(0.0633)	-4.0%
Street Lighting	kW	1.4600	1.4018	(0.0582)	-4.0%

2

3

4 NPEI confirms that the 2021 proposed RTSR included in Tables 8.3.1.1 and 8.3.1.2  
 5 above are consistent with the RTSR rates that have been incorporated in the 2021 Cost  
 6 of Power and Rate Base calculations.

7



1

**Table 8.3.2.1 – 2020 Approved RSCs**

Retailer Service Charge	Amount
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 Request - request fee, per request, applied to the requesting party	0.51
Service Transaction Request - 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 February 14, 2019.)	2.04

2

3

4 NPEI proposes that its Retail Service Charges for the 2021 Test Year be adjusted by the  
 5 OEB's 2021 inflationary increase, when available, in accordance with the EB-2015-0304  
 6 Report. NPEI is not proposing any changes to its Retail Service Charges for 2021 other  
 7 than the generic OEB-approved inflationary increase.

8

9 The EB-2015-0304 Decision and Order, Section 3.2 Account Guidance, states:

10 *“Electricity distributors that currently record the revenues and costs associated with the*  
 11 *RCVAs are expected to continue to do so until their next rebasing application. At*  
 12 *rebasings, the balances will be disposed of and the RCVAs will be eliminated.”*

13

14 NPEI currently records retailer revenues and costs in the RCVA accounts. In accordance  
 15 with the EB-2015-0304, NPEI will discontinue use of the RCVA accounts effective  
 16 January 1, 2021. Further details on retailer revenue are included in Exhibit 3.3.1. Details

- 1 on retailer expenses are included in Exhibit 4.2.1. Further details on NPEI's RCVA
- 2 balances proposed for disposition are included in Exhibit 9.1.4.

# REGULATORY CHARGES

## 8.3.3 Regulatory Charges

On December 17, 2019, the OEB issued its *Decision and Order in the matter of regulatory charges effective January 1, 2020, for the Wholesale Market Services rate and Rural or Remote Electricity Rate Protection Charge* (EB-2019-0278), in which the Board ordered:

1. The Wholesale Market Services (“WMS”) rate used by rate-regulated distributors to bill their customers, effective January 1, 2020, is \$0.0030 per kWh. For Class B customers, a Capacity Based Recovery (“CBR”) component of \$0.0004 per kWh shall be added to the WMS rate. For Class A customers, distributors shall bill the actual CBR costs to Class A customer in proportion to their contribution to peak.
2. The Rural or Remote Electricity Rate Protection (“RRRP”) charge used by rate-regulated distributors to bill their customers, effective January 1, 2020, is \$0.0005 per kWh.

NPEI has incorporated the Board-approved 2020 regulatory charges in the current application.

NPEI proposes that its 2021 Tariff of Rates and Charges be updated to reflect the 2021 approved rates when the OEB issues its decision on 2021 Regulatory Charges.

The Standard Supply Service (“SSS”) Charge is set by the OEB as an administrative fee payable by customers who purchase electricity directly from their distributor. NPEI proposes to continue current generic SSS charge of \$0.25 per customer per month. Further details of SSS revenue are provided in Exhibit 3.3.1.

## MICROFIT SERVICE CHARGE

### 8.3.4 Microfit Service Charge

Section 2.7.1.1 of the Filing Requirements states:

*“The OEB does not expect a distributor to include MicroFIT as a separate class in the cost allocation model beginning in 2017. The OEB established a generic rate which can be adopted. The OEB has reviewed the generic rate for the 2019 rate year and will not change the current MicroFIT rate. If an applicant believes that it has unique circumstances which would justify a different rate it must file appropriate documentation to support such a rate.”*

NPEI’s current Tariff of Rates and Charges from its 2020 IRM Rate Application (EB-2019-0054), issued December 12, 2019, includes a generic MicroFIT monthly service charge of \$5.40.

On February 24, 2020, the OEB issued a letter to all licensed distributors *Review of Fixed Monthly Charge for MicroFIT Generator Service Classification* which established a new generic monthly charge of \$4.55.

The letter indicates: *“Distributors that have already received final rate orders for 2020 where the MicroFIT charge is based on the previously-approved province-wide rate should adopt the updated charge in their next annual rate application.”*

Accordingly, NPEI has incorporated the updated MicroFIT service charge of \$4.55 per month in this current application effective January 1, 2021.

# SMART METER ENTITY CHARGE

1

2

## 3 **8.3.5 Smart Meter Entity Charge**

4

5 On March 1, 2018, the OEB issued its Decision and Order regarding the *Independent*  
6 *Electricity System Operator / Smart Metering Entity Application for approval of smart*  
7 *metering charge for the 2018-2022 period (EB-2017-0290).*

8

9 The Board approved a Smart Metering Charge (“SMC”) of \$0.57 per meter per month, to  
10 be charged by distributors to Residential and General Service < 50 kW customers.

11

12 NPEI has incorporated the OEB-approved SMC charge in its current application.

1

## SPECIFIC SERVICE CHARGES

### 2 8.3.6 Specific Service Charges

3

4 NPEI's current specific service charges, as approved in NPEI's 2020 IRM Rate  
 5 Application (EB-2019-0054), are provided in Table 8.3.6.1 below.

6

7

**Table 8.3.6.1 – Current Specific Service Charges**

Specific Service Charge	Amount
<b>Customer Administration</b>	
Returned cheque (plus bank charge)	\$20.00
Legal letter charge	\$15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$30.00
<b>Non-Payment of Account</b>	
Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	1.50%
Reconnect at meter - during regular hours	\$65.00
Reconnect at meter - after regular hours	\$185.00
Reconnect at pole - during regular hours	\$185.00
Reconnect at pole - after regular hours	\$415.00
<b>Other</b>	
Service call - customer owned equipment	\$30.00
Service call - after regular hours	\$165.00
Temporary service install and remove - overhead - no transformer	\$500.00
Temporary service install and remove - underground - no transformer	\$300.00
Temporary service install and remove - overhead - with transformer	\$1,000.00
Specific charge for access to the power poles (with the exception of wireless attachments)	\$44.50

8

9

10 NPEI is not requesting any changes to its current specific service charges, with the  
 11 exception of the province-wide pole attachment charge. NPEI requests that its 2021

- 1 pole-attachment charge be updated to reflect the actual approved 2021 province-wide
- 2 pole attachment charge when approved by the OEB. See Exhibit 8.3.7 for further details.
- 3



1 Beginning in 2021, in accordance with the Accounting Guidance, NPEI will no longer  
2 record any portion of its pole attachment revenue in Account 1508.

3 The pole attachment rate for 2021 that have been utilized in this Application have been  
4 estimated using an annual inflation factor of 1.5%.

5

6 NPEI requests that its 2021 pole-attachment charge be updated to reflect the actual  
7 approved 2021 province-wide pole attachment charge when approved by the OEB.

8

## LOW VOLTAGE SERVICE RATES

### 8.3.8 Low Voltage Service Rates

Table 8.3.8.1 below shows NPEI’s proposed Low Voltage (“LV”) Service Rates versus the current OEB-approved LV rates.

**Table 8.3.8.1 – Proposed LV Service Rates**

Class	Unit	2015 Approved LV Rate	Proposed 2021 LV Rate	Variance	Variance %
Residential	kWh	0.0005	0.0014	0.0009	180.0%
General Service Less Than 50 kW	kWh	0.0004	0.0012	0.0008	200.0%
General Service 50 to 4,999 kW	kW	0.1612	0.4776	0.3164	196.3%
Unmetered Scattered Load	kWh	0.0004	0.0012	0.0008	200.0%
Sentinel Lighting	kW	0.1347	0.3991	0.2644	196.3%
Street Lighting	kW	0.1239	0.3669	0.2430	196.1%

NPEI’s Board-approved LV rates were last updated in NPEI’s 2015 COS Rate Application (EB-2014-0096). The proposed increase in NPEI’s LV rates are partly due to increases in Hydro One Networks Inc.’s (“Hydro One’s”) approved rates for its Sub-Transmission rate class since NPEI’s last COS application.

Another factor contributing to the proposed increase in LV rates is that, in 2016, the OEB approved an Embedded Distributor rate class for Grimsby Power Inc. (“GPI”) which applies to NPEI. Prior to 2015, NPEI was a customer of Niagara West Transformation Corporation (“NWTC”), a licensed transmitter. NWTC had a Board-approved Transformation Connection Transmission rate of \$1.77/kW. NPEI recorded the charges from NWTC in Account 4716 – Charges Connection. In the EB-2014-0344 Decision and Order, issued March 26, 2015, the Board approved the amalgamation of GPI and NWTC, and deemed the NWTC transmission assets to be GPI distribution assets. The Board also approved GPI to continue to charge NPEI the NWTC transmission rate of \$1.77/kW until GPI’s next rebasing.

1 In the Decision and Order in GPI's 2016 COS Rate Application (EB-2015-0072), the  
 2 Board approved an Embedded Distributor rate class for GPI, which applies to NPEI.  
 3 Since that time, GPI's monthly invoice to NPEI includes charges for Retail Transmission  
 4 Rates – Network (recorded in Account 4714 Charges – Network), Retail Transmission  
 5 Rates – Connection (recorded in Account 4716 Charges – Connection), Monthly Service  
 6 Charge and Distribution Volumetric Charge (both recorded in Account 4750 Charges –  
 7 LV).

8  
 9  
 10 Table 8.3.8.2 below shows NPEI's LV costs for the years 2015-2019 actual, the 2020  
 11 Bridge Year and the 2021 Test Year.

12  
 13 **Table 8.3.8.2 – LV Costs**

Host Distributor	2015	2016	2017	2018	2019	2020 Bridge Year	2021 Test Year
Hydro One Networks Inc.	1,000,679	1,086,132	967,102	889,932	1,166,344	1,481,374	1,504,767
Grimsby Power Inc.	-	132,874	383,372	439,113	495,040	522,378	530,375
Total LV Costs	1,000,679	1,219,007	1,350,474	1,329,045	1,661,384	2,003,752	2,035,142

14  
 15  
 16  
 17 Year-over-year variances for NPEI's LV costs are provided below.

18  
 19 **Table 8.3.8.3 – 2016 Actual vs. 2015 Actual**

Host Distributor	2015	2016	Variance \$	Variance %
Hydro One Networks Inc.	1,000,679	1,086,132	85,454	8.5%
Grimsby Power Inc.	-	132,874	132,874	0.0%
Total	1,000,679	1,219,007	218,328	21.8%

20  
 21  
 22 As mentioned above, in the Decision and Order in GPI's 2016 COS Rate Application  
 23 (EB-2015-0072), the Board approved an Embedded Distributor rate class for GPI  
 24 effective September 1, 2016. The variance of \$132,874 represents 4 months of LV  
 25 charges from GPI which did not exist in 2015.  
 26

1 The increase of \$85,454 in LV charges from Hydro One is due to a rate increase, as  
 2 approved by the Board in Hydro One's 2016 Rate Application (EB-2015-0079).

3  
 4

**Table 8.3.8.4 –2017 Actual vs. 2016 Actual**

Host Distributor	2016	2017	Variance \$	Variance %
Hydro One Networks Inc.	1,086,132	967,102	(119,031)	-11.0%
Grimsby Power Inc.	132,874	383,372	250,498	188.5%
Total	1,219,007	1,350,474	131,467	10.8%

5  
 6

7 During 2017, NPEI incurred LV charges from GPI for a full 12 months, versus 4 months  
 8 in 2016. In addition, the OEB approved a rate increase for GPI in its 2017 IRM Rate  
 9 Application (EB-2016-0073).

10

11 The decrease of (\$119,031) in LV charges from Hydro One is due to decreases in  
 12 several of Hydro One's Sub-Transmission Class rates, as approved in Hydro One's 2017  
 13 Rate Application (EB-2016-0081), as well as a billing adjustment of (\$30,319) during  
 14 2017 to correct for previous overbilling of meter charges.

15  
 16

17

**Table 8.3.8.5 – 2018 Actual vs. 2017 Actual**

Host Distributor	2017	2018	Variance \$	Variance %
Hydro One Networks Inc.	967,102	889,932	(77,170)	-8.0%
Grimsby Power Inc.	383,372	439,113	55,741	14.5%
Total	1,350,474	1,329,045	(21,429)	-1.6%

18  
 19

20 The increase of \$55,741 in LV charges from GPI is due to a rate increase approved in  
 21 GPI's 2018 IRM Rate Application (EB-2017-0043), and higher kW demand in 2018  
 22 compared to 2017.

23

24 The decrease of (\$77,170) in LV charges from Hydro One is mainly due to the expiration  
 25 of Rate Riders approved in Hydro One's 2017 Rate Application (EB-2016-0081) which  
 26 were effective until December 31, 2017.

27

1

**Table 8.3.8.6 – 2019 Actual vs. 2018 Actual**

Host Distributor	2018	2019	Variance \$	Variance %
Hydro One Networks Inc.	889,932	1,166,344	276,412	31.1%
Grimsby Power Inc.	439,113	495,040	55,928	12.7%
Total	1,329,045	1,661,384	332,340	25.0%

2

3

4 The increase of \$55,298 in LV charges from GPI is due to a rate increase and rate riders  
 5 approved in GPI's 2019 IRM Rate Application (EB-2018-0035), partly offset by lower kW  
 6 demand in 2019 compared to 2018.

7

8 The increase of \$276,412 in LV charges from Hydro One is mainly due to the increases  
 9 in rates and rate riders approved in Hydro One's 2018 Rate Application (EB-2017-0049),  
 10 which were implemented July 1, 2019.

11

12

13

**Table 8.3.8.7 – 2020 Bridge Year vs. 2019 Actual**

Host Distributor	2019	2020 Bridge	Variance \$	Variance %
Hydro One Networks Inc.	1,166,344	1,481,374	315,030	27.0%
Grimsby Power Inc.	495,040	522,378	27,337	5.5%
Total	1,661,384	2,003,752	342,368	20.6%

14

15

16 The increase of \$27,337 in LV charges from GPI is due to a rate increase and rate riders  
 17 approved in GPI's 2020 IRM Rate Application (EB-2019-0038).

18

19 The increase of \$315,030 in LV charges from Hydro One is mainly due to the increases  
 20 in rates and rate riders approved in Hydro One's 2018 Rate Application (EB-2017-0049),  
 21 which were implemented July 1, 2019. This rate increase impacts a full 12 months in  
 22 2020, but only 6 months in 2019. In addition, the OEB approved a rate increase for  
 23 Hydro One effective January 1, 2020, in Hydro One's Custom IR Update Application  
 24 (EB-2019-0043).

25

26

1

**Table 8.3.8.8 – 2021 Test Year vs. 2020 Bridge Year**

Host Distributor	2020 Bridge	2021 Test	Variance \$	Variance %
Hydro One Networks Inc.	1,481,374	1,504,767	23,393	1.6%
Grimsby Power Inc.	522,378	530,375	7,998	1.5%
<b>Total</b>	<b>2,003,752</b>	<b>2,035,142</b>	<b>31,390</b>	<b>1.6%</b>

2

3

4 The increases in the 2021 Test Year are due to estimated increases for 2021 in Hydro  
 5 One's Sub-Transmission Rates and GPI's Embedded Distributor Rates.

6

7

8 Charge Determinants

9

10 The tables below include the details of the specific charge determinants and rates for  
 11 NPEI's LV costs for 2017 – 2019. NPEI has not provided details for 2015-2016, as 2017  
 12 was the first full year that GPI had an OEB-approved Embedded Distributor Rate.

13

14

**Table 8.3.8.9 – Details of 2017 GPI LV Charges**

15

Month 2017	Service Charge	GPI Gross kW	Volumetric Rate	Distribution Volumetric Charge	Total LV Charge
Jan	16,260.07	10,806.89	1.4009	15,139.37	31,399.44
Feb	16,260.07	10,436.23	1.4009	14,620.11	30,880.18
Mar	16,260.07	10,052.81	1.4009	14,082.98	30,343.05
Apr	16,260.07	10,308.72	1.4009	14,441.49	30,701.56
May	16,260.07	9,563.90	1.4009	13,398.07	29,658.14
Jun	16,260.07	12,420.47	1.4009	17,399.84	33,659.91
Jul	16,260.07	12,116.09	1.4009	16,973.43	33,233.50
Aug	16,260.07	12,224.32	1.4009	17,125.05	33,385.12
Sep	16,260.07	13,630.11	1.4009	19,094.42	35,354.49
Oct	16,260.07	10,077.57	1.4009	14,117.66	30,377.73
Nov	16,260.07	12,056.21	1.4009	16,889.55	33,149.62
Dec	16,260.07	10,685.28	1.4009	14,969.01	31,229.08
<b>Total</b>	<b>195,120.84</b>			<b>188,250.99</b>	<b>383,371.83</b>

16

1  
2

**Table 8.3.8.10 – Details of 2017 Hydro One LV Charges**

Month 2017	# of Services	Service Charge Rate	Total Service Charge	Common St Lines kW	Common ST Lines Rate	Common ST Lines Charge	HVDS - High Voltage kW	HVDS - High Voltage Rate	HVDS - High Voltage Charge	LVDS - Low kW	LVDS - Low Rate	LVDS - Low Charge
Jan	10.00	492.55	4,925.50	23,015.69	1.2052	27,738.51	15,706.85	1.8088	28,410.55	4,346.64	1.5464	6,721.64
Feb	10.00	492.55	4,925.50	27,347.07	1.2052	32,958.69	15,617.42	1.8088	28,248.79	4,163.23	1.5464	6,438.02
Mar	10.00	492.55	4,925.50	21,861.50	1.2052	26,347.48	15,959.67	1.8088	28,867.85	4,068.60	1.5464	6,291.68
Apr	10.00	492.55	4,925.50	20,900.88	1.2052	25,189.74	14,868.59	1.8088	26,894.31	3,528.65	1.5464	5,456.70
May - Correct Meter Charges												
May	10.00	492.55	4,925.50	20,923.70	1.2052	25,217.24	14,463.19	1.8088	26,161.02	3,281.65	1.5464	5,074.74
Jun	10.00	492.55	4,925.50	25,334.80	1.2052	30,533.50	17,554.40	1.8088	31,752.40	4,184.65	1.5464	6,471.14
Jul	10.00	492.55	4,925.50	25,432.42	1.2052	30,651.15	18,929.33	1.8088	34,239.37	4,532.93	1.5464	7,009.72
Aug	10.00	492.55	4,925.50	25,551.03	1.2052	30,794.10	18,660.65	1.8088	33,753.38	3,433.46	1.5464	5,309.50
Sep	10.00	492.55	4,925.50	26,650.09	1.2052	32,118.69	18,987.04	1.8088	34,343.76	4,633.32	1.5464	7,164.97
Oct	10.00	492.55	4,925.50	19,685.63	1.2052	23,725.12	14,271.66	1.8088	25,814.58	3,370.43	1.5464	5,212.03
Nov	10.00	492.55	4,925.50	24,233.84	1.2052	29,206.62	15,750.20	1.8088	28,488.96	4,043.50	1.5464	6,252.87
Dec	10.00	492.55	4,925.50	22,470.59	1.2052	27,081.56	16,867.90	1.8088	30,510.66	4,673.78	1.5464	7,227.53
<b>Total</b>			<b>59,106.00</b>			<b>341,562.41</b>			<b>357,485.62</b>			<b>74,630.56</b>

3  
4

Month 2017	Specific ST Lines kM	Specific ST Lines Rate	Specific ST Lines Charge	Meter Charge	Rate Rider #14A kW	Rate Rider #14A Rate	Rate Rider #14A Charge	Rate Rider #14B kW	Rate Rider #14B Rate	Rate Rider #14B Charge	Service Charge Rate Rider #16 Rate	Service Charge Rate Rider #16 Charge	Total LV Charge
Jan	0.13	812.8973	105.68	1,528.02	38,722.54	0.3126	12,104.67	191.50	(0.4418)	(84.60)	11.86	118.60	81,568.57
Feb	0.13	812.8973	105.68	1,528.02	42,964.49	0.3126	13,430.70	200.00	(0.4418)	(88.36)	11.86	118.60	87,665.64
Mar	0.13	812.8973	105.68	1,528.02	37,821.17	0.3126	11,822.90	197.50	(0.4418)	(87.26)	11.86	118.60	79,920.46
Apr	0.13	812.8973	105.68	1,528.02	35,769.47	0.3126	11,181.54	178.25	(0.4418)	(78.75)	11.86	118.60	75,321.34
May - Correct Meter Charges				(30,318.89)									(30,318.89)
May	0.13	812.8973	105.68	764.01	35,386.89	0.3126	11,061.94	142.50	(0.4418)	(62.96)	11.86	118.60	73,365.78
Jun	0.13	812.8973	105.68	764.01	42,889.20	0.3126	13,407.16	58.00	(0.4418)	(25.62)	11.86	118.60	88,052.37
Jul	0.13	812.8973	105.68	764.01	44,361.75	0.3126	13,867.48	39.75	(0.4418)	(17.56)	11.86	118.60	91,663.96
Aug	0.13	812.8973	105.68	764.01	44,211.68	0.3126	13,820.57	46.25	(0.4418)	(20.43)	11.86	118.60	89,570.92
Sep	0.13	812.8973	105.68	764.01	45,637.13	0.3126	14,266.17	51.50	(0.4418)	(22.75)	11.86	118.60	93,784.62
Oct	0.13	812.8973	105.68	764.01	33,957.29	0.3126	10,615.05	81.00	(0.4418)	(35.79)	11.86	118.60	71,244.79
Nov	0.13	812.8973	105.68	764.01	39,984.04	0.3126	12,499.01	129.25	(0.4418)	(57.10)	11.86	118.60	82,304.15
Dec	0.13	812.8973	105.68	764.01	39,338.49	0.3126	12,297.21	164.75	(0.4418)	(72.79)	11.86	118.60	82,957.96
<b>Total</b>			<b>1,268.16</b>	<b>(18,094.73)</b>			<b>150,374.40</b>			<b>(653.97)</b>		<b>1,423.20</b>	<b>967,101.65</b>

1  
 2  
 3  
 4  
 5  
 6

1

2

**Table 8.3.8.11 – Details of 2018 GPI LV Charges**

<b>Month 2018</b>	<b>Service Charge</b>	<b>GPI Gross kW</b>	<b>Volumetric Rate</b>	<b>Distribution Volumetric Charge</b>	<b>Total LV Charge</b>
Jan	16,430.80	17,130.53	1.4156	24,249.98	40,680.78
Feb	16,430.80	10,757.54	1.4156	15,228.38	31,659.18
Mar	16,430.80	9,928.02	1.4156	14,054.11	30,484.91
Apr	16,430.80	11,841.84	1.4156	16,763.31	33,194.11
May	16,430.80	20,344.48	1.4156	28,799.64	45,230.44
Jun	16,430.80	13,975.52	1.4156	19,783.74	36,214.54
Jul	16,430.80	16,735.92	1.4156	23,691.37	40,122.17
Aug	16,430.80	18,066.87	1.4156	25,575.47	42,006.27
Sep	16,430.80	18,491.27	1.4156	26,176.25	42,607.05
Oct	16,430.80	11,021.46	1.4156	15,601.98	32,032.78
Nov	16,430.80	11,755.06	1.4156	16,640.47	33,071.27
Dec	16,430.80	10,863.49	1.4156	15,378.36	31,809.16
<b>Total</b>	<b>197,169.60</b>			<b>241,943.05</b>	<b>439,112.65</b>

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

1 **Table 8.3.8.12 – Details of 2018 Hydro One LV Charges**

Month 2018	# of Services	Service Charge Rate	Total Service Charge	Common St Lines kW	Common ST Lines Rate	Common ST Lines Charge	HVDS - High Voltage kW	HVDS - High Voltage Rate	HVDS - High Voltage Charge
Jan	10.00	492.55	4,925.50	28,769.32	1.2052	34,672.78	18,071.85	1.8088	32,688.36
Feb	10.00	492.55	4,925.50	21,729.20	1.2052	26,188.03	17,508.71	1.8088	31,669.75
Mar	10.00	492.55	4,925.50	20,263.28	1.2052	24,421.31	16,630.59	1.8088	30,081.41
Apr	10.00	492.55	4,925.50	20,708.82	1.2052	24,958.27	15,780.67	1.8088	28,544.08
May	10.00	492.55	4,925.50	24,732.26	1.2052	29,807.32	17,315.32	1.8088	31,319.95
Jun	10.00	492.55	4,925.50	25,820.78	1.2052	31,119.20	19,723.65	1.8088	35,676.14
Jul	10.00	492.55	4,925.50	27,368.30	1.2052	32,984.28	21,491.78	1.8088	38,874.33
Aug	10.00	492.55	4,925.50	26,789.80	1.2052	32,287.07	17,807.34	1.8088	32,209.92
Sep	10.00	492.55	4,925.50	27,654.83	1.2052	33,329.60	19,236.83	1.8088	34,795.58
Oct	10.00	492.55	4,925.50	21,671.82	1.2052	26,118.88	16,129.48	1.8088	29,175.00
Nov	10.00	492.55	4,925.50	22,004.37	1.2052	26,519.67	17,012.47	1.8088	30,772.16
Dec	10.00	492.55	4,925.50	22,471.74	1.2052	27,082.94	17,386.23	1.8088	31,448.21
<b>Total</b>			<b>59,106.00</b>			<b>349,489.34</b>			<b>387,254.89</b>

2  
 3  
 4

Month 2018	LVDS - Low kW	LVDS - Low Rate	LVDS - Low Charge	Specific ST Lines kM	Specific ST Lines Rate	Specific ST Lines Charge	Meter Charge	Total LV Charge
Jan	4,983.45	1.5464	7,706.41	0.13	812.8973	105.68	764.01	80,862.74
Feb	4,448.90	1.5464	6,879.78	0.13	812.8973	105.68	764.01	70,532.76
Mar	3,891.42	1.5464	6,017.69	0.13	812.8973	105.68	764.01	66,315.60
Apr	4,028.64	1.5464	6,229.89	0.13	812.8973	105.68	764.01	65,527.42
May	4,447.71	1.5464	6,877.94	0.13	812.8973	105.68	764.01	73,800.40
Jun	4,641.52	1.5464	7,177.65	0.13	812.8973	105.68	764.01	79,768.18
Jul	5,043.84	1.5464	7,799.79	0.13	812.8973	105.68	764.01	85,453.59
Aug	4,933.40	1.5464	7,629.01	0.13	812.8973	105.68	764.01	77,921.18
Sep	5,073.70	1.5464	7,845.97	0.13	812.8973	105.68	764.01	81,766.34
Oct	3,754.22	1.5464	5,805.53	0.13	812.8973	105.68	764.01	66,894.60
Nov	4,406.55	1.5464	6,814.29	0.13	812.8973	105.68	764.01	69,901.30
Dec	4,437.16	1.5464	6,861.62	0.13	812.8973	105.68	764.01	71,187.97
<b>Total</b>			<b>83,645.56</b>			<b>1,268.16</b>	<b>9,168.12</b>	<b>889,932.08</b>

1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9

1

2

**Table 8.3.8.13 – Details of 2019 GPI LV Charges**

Month 2019	Service Charge	GPI Gross kW	Volumetric Rate	Distribution Volumetric Charge	GPI Net kW	Rate Rider per kW	Rate Rider Charge	Total LV Charge
Jan	16,652.62	12,228.48	1.4347	17,544.20	9,624.74	0.4129	3,974.06	38,170.88
Feb	16,652.62	11,477.65	1.4347	16,466.99	9,443.34	0.4129	3,899.16	37,018.76
Mar	16,652.62	11,000.64	1.4347	15,782.62	8,898.61	0.4129	3,674.24	36,109.47
Apr	16,652.62	10,137.62	1.4347	14,544.44	8,352.22	0.4129	3,448.63	34,645.70
May	16,652.62	12,526.39	1.4347	17,971.62	10,010.12	0.4129	4,133.18	38,757.42
Jun	16,652.62	15,355.31	1.4347	22,030.26	15,067.03	0.4129	6,221.18	44,904.05
Jul	16,652.62	17,063.89	1.4347	24,481.57	14,119.96	0.4129	5,830.13	46,964.32
Aug	16,652.62	16,629.61	1.4347	23,858.51	15,206.08	0.4129	6,278.59	46,789.72
Sep	16,652.62	15,758.37	1.4347	22,608.53	15,756.27	0.4129	6,505.76	45,766.91
Oct	16,652.62	14,322.29	1.4347	20,548.20	11,408.11	0.4129	4,710.41	41,911.22
Nov	16,652.62	13,767.00	1.4347	19,751.51	12,660.25	0.4129	5,227.42	41,631.55
Dec	16,652.62	14,137.53	1.4347	20,283.12	13,161.60	0.4129	5,434.42	42,370.16
<b>Total</b>	<b>199,831.44</b>			<b>235,871.55</b>			<b>59,337.17</b>	<b>495,040.16</b>

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

1

**Table 8.3.8.14 – Details of 2019 Hydro One LV Charges**

Month 2019	# of Services	Service Charge Rate	Total Service Charge	Common St Lines kW	Common ST Lines Rate	Common ST Lines Charge	HVDS - High Voltage kW	HVDS - High Voltage Rate	HVDS - High Voltage Charge	LVDS - Low kW	LVDS - Low Rate	LVDS - Low Charge
Jan	10.00	492.55	4,925.50	26,869.95	1.2052	32,383.66	19,854.55	1.8088	35,912.91	5,200.08	1.5464	8,041.40
Feb	10.00	492.55	4,925.50	25,812.20	1.2052	31,108.86	18,968.53	1.8088	34,310.28	4,678.47	1.5464	7,234.79
Mar	10.00	492.55	4,925.50	23,828.13	1.2052	28,717.66	16,860.56	1.8088	30,497.38	4,445.96	1.5464	6,875.23
Apr	10.00	492.55	4,925.50	24,638.33	1.2052	29,694.12	15,121.95	1.8088	27,352.58	3,608.02	1.5464	5,579.44
May	10.00	492.55	4,925.50	22,945.47	1.2052	27,653.88	14,189.04	1.8088	25,665.14	3,171.36	1.5464	4,904.19
Jun	10.00	492.55	4,925.50	23,987.68	1.2052	28,909.95	14,691.67	1.8088	26,574.29	4,063.36	1.5464	6,283.58
Jul	10.00	546.47	5,464.70	27,886.59	1.4434	40,251.50	18,270.01	2.2269	40,685.49	5,358.70	1.5386	8,244.90
Aug	10.00	546.47	5,464.70	26,704.21	1.4434	38,544.86	18,143.32	2.2269	40,403.36	4,819.32	1.5386	7,415.01
Sep	10.00	546.47	5,464.70	24,875.55	1.4434	35,905.37	16,199.46	2.2269	36,074.58	4,234.91	1.5386	6,515.83
Oct	10.00	546.47	5,464.70	22,658.71	1.4434	32,705.58	15,331.50	2.2269	34,141.72	4,010.50	1.5386	6,170.56
Nov	10.00	546.47	5,464.70	22,185.67	1.4434	32,022.80	15,195.57	2.2269	33,839.01	4,243.66	1.5386	6,529.30
Dec	10.00	546.47	5,464.70	23,466.25	1.4434	33,871.19	15,971.66	2.2269	35,567.29	4,788.89	1.5386	7,368.19
<b>Total</b>			<b>62,341.20</b>			<b>391,769.43</b>			<b>401,024.02</b>			<b>81,162.41</b>

2

3

Month 2019	Specific ST Lines kM	Specific ST Lines Rate	Specific ST Lines Charge	Meter Charge	Rate Rider #23A kW	Rate Rider #23A Rate	Rate Rider #23A Charge	Rate Rider #23B kW	Rate Rider #23B Rate	Rate Rider #23B Charge	Service Charge Rate Rider #22 Rate	Charge Rate Rider #22 Charge	Total LV Charge
Jan	0.13	812.8973	105.68	764.01									82,133.17
Feb	0.13	812.8973	105.68	764.01									78,449.12
Mar	0.13	812.8973	105.68	764.01									71,885.47
Apr	0.13	812.8973	105.68	764.01									68,421.33
May	0.13	812.8973	105.68	764.01									64,018.40
Jun	0.13	812.8973	105.68	764.01									67,563.01
Jul	0.13	480.7922	62.50	571.12	46,156.60	0.8959	41,351.70	38.50	(1.2501)	(48.13)	13.07	130.70	136,714.48
Aug	0.13	480.7922	62.50	571.12	44,847.53	0.8959	40,178.90	36.00	(1.2501)	(45.00)	13.07	130.70	132,726.15
Sep	0.13	480.7922	62.50	571.12	41,075.01	0.8959	36,799.10	45.50	(1.2501)	(56.88)	13.07	130.70	121,467.03
Oct	0.13	480.7922	62.50	571.12	37,990.21	0.8959	34,035.43	91.25	(1.2501)	(114.07)	13.07	130.70	113,168.24
Nov	0.13	480.7922	62.50	571.12	37,381.24	0.8959	33,489.85	174.25	(1.2501)	(217.83)	13.07	130.70	111,892.15
Dec	0.13	480.7922	62.50	571.12	39,437.91	0.8959	35,332.42	370.00	(1.2501)	(462.54)	13.07	130.70	117,905.57
<b>Total</b>			<b>1,009.11</b>	<b>8,010.78</b>			<b>221,187.41</b>			<b>(944.45)</b>		<b>784.20</b>	<b>1,166,344.11</b>

1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9  
 10  
 11

1 2020 Bridge Year and 2021 Test Year Forecast

2

3 For the forecast of 2020 Bridge Year LV charges, NPEI used the 3-year average charge  
4 determinants for Hydro One and GPI from 2017-2019 actuals, and the 2020 OEB-  
5 approved rates for Hydro One and GPI, as approved in EB-2019-0043 and EB-2019-  
6 0038, respectively.

7

8 For the forecast of 2021 Test Year LV charges, NPEI used the 3-year average charge  
9 determinants for Hydro One and GPI from 2017-2019 actuals.

10

11 For GPI's 2021 rates, NPEI used an estimated increase of 1.85% for 2021 over 2020,  
12 which is GPI's approved rate increase in GPI's 2020 IRM Rate Application (EB-2019-  
13 0038).

14

15 For Hydro One's 2021 rates, NPEI used estimated increases for each applicable Sub-  
16 Transmission charge type equal to the increase for that charge type that was approved  
17 for 2020 over 2019 in Hydro One's 2020 Custom IR Update (EB-2019-0043).

18

19 For both GPI's and Hydro One's 2021 Rate Riders, NPEI assumed no change from  
20 2020.

21

22 The 2020 Bridge Year and 2021 Test Year forecast of LV charges are shown in Tables  
23 8.3.8.15 and 8.3.8.16 below.

24

25

26

27

28

29

30

31

32

1

**Table 8.3.8.15 – Forecast GPI LV Charges**

<b>Charge Type</b>	<b>2020</b>	<b>2021</b>
Service Charge Determinant	12.00	12.00
Service Charge Rate	16,960.69	17,274.46
Service Charge Amount	203,528.28	207,293.55
Avg. Volumetric Charge Determinant	156,565.14	156,565.14
Volumetric Charge Rate	1.4612	1.4882
Volumetric Charge Amount	228,772.98	233,005.28
Avg. Rate Rider Charge Determinant	143,708.33	143,708.33
Rate Rider Rate	0.6268	0.6268
Rate Rider Amount	90,076.38	90,076.38
<b>Total Forecast LV Costs</b>	<b>522,377.64</b>	<b>530,375.21</b>

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1

**Table 8.3.8.16 – Forecast Hydro One LV Charges**

2

<b>Charge Type</b>	<b>2020</b>	<b>2021</b>
Service Charge Determinant	120.00	120.00
Service Charge Rate	559.40	572.64
Service Charge Amount	67,128.00	68,716.31
Meter Charge Determinant	12.00	12.00
Meter Charge Rate	587.69	604.74
Meter Charge Amount	7,052.28	7,256.89
Common ST Lines Avg. Determinant	289,750.17	289,750.17
Common ST Lines Rate	1.4854	1.5286
Common ST Lines Amount	430,394.90	442,918.51
HVDS - High Voltage Average Determinant	203,509.88	203,509.88
HVDS - High Voltage Rate	2.2712	2.3164
HVDS High Voltage Amount	462,211.64	471,406.47
LVDS - Low Voltage Average Determinant	51,658.19	51,658.19
LVDS - Low Voltage Rate	1.5363	1.5340
LVDS Low Voltage Amount	79,362.48	79,243.85
Specific ST Lines Determinant	1.56	1.56
Specific ST Lines Rate	480.7922	480.7922
Specific ST Lines Amount	750.06	750.06
Rate Rider #22 Determinant	120.00	120.00
Rate Rider #22 Rate	13.0700	13.0700
Rate Rider #22 Amount	1,568.40	1,568.40
Rate Rider #23A Avg. Determinant	485,288.43	485,288.43
Rate Rider #23A Rate	0.8959	0.8959
Rate Rider #23A Amount	434,769.90	434,769.90
Rate Rider #23B Avg. Determinant	1,490.50	1,490.50
Rate Rider #23B Rate	(1.2501)	(1.2501)
Rate Rider #23B Amount	(1,863.27)	(1,863.27)
<b>Total Forecast LV Costs</b>	<b>1,481,374.39</b>	<b>1,504,767.12</b>

3

4

5

6

7

8

9

1 As shown in Tables 8.3.8.15 and 8.3.8.16 above, NPEI's total forecasted LV costs for  
2 the 2021 Test Year is \$530,375 for GPI + \$1,504,767 for Hydro One = \$2,035,142.

3  
4 NPEI notes the following with respect to its 2021 LV forecast:

- 5 • For GPI's 2021 rates, NPEI has utilized an estimated rate increase equal to  
6 GPI's approved 2020 rate increase. However, to the best of NPEI's knowledge,  
7 GPI is in fact scheduled to file a COS Rate Application for 2021 Rates.
- 8 • To the best of NPEI's knowledge, Hydro One is scheduled to file a Custom IR  
9 Annual Update for 2021.
- 10 • The current approved Rate Riders for both GPI and Hydro One are effective until  
11 December 31, 2020. NPEI has incorporated the OEB-approved 2020 rate riders,  
12 for both GPI and Hydro One, as placeholders for the 2021 rate riders.
- 13 • The amount of NPEI's 2021 forecast LV costs that relates to Rate Riders is  
14 \$90,076 for GPI + \$434,475 for Hydro One = \$524,551. This represents  
15  $\$524,551 / \$2,035,142 = 25.8\%$  of the total 2021 Test Year forecast LV costs.
- 16 • Excluding the Rate Rider amounts for both GPI and Hydro One, the 2021 Test  
17 Year forecast LV costs, based on the estimated rates described above, would be  
18  $\$2,035,142 - \$524,551 = \$1,510,591$ .

19  
20 NPEI submits that, given the level of uncertainty around the elements of the 2021 Test  
21 Year forecast of LV costs, particularly the Rate Rider amounts, it is more appropriate to  
22 calculate NPEI's proposed 2021 LV Service Charge rates based on the most recent year  
23 of actual LV costs. As shown above, NPEI's actual LV cost for 2019 is \$1,661,384.

24  
25 In accordance with section 2.8.7 of the Filing Requirements, NPEI has allocated the LV  
26 cost to its customer classes in the same proportion as transmission connection rate  
27 revenues, shown in Table 8.3.8.17 below.

28  
29  
30  
31

1 **Table 8.3.8.17 – 2021 Forecast Transmission Connection Revenue by Rate Class**

2

Rate Class	Unit	2021 Proposed RTSR Connection Rate	2021 Load Forecast (kW or loss adjusted kWh)	2021 Forecast Transmission Connection Revenue	% of Total
Residential	kWh	0.0052	473,806,763	2,463,795	38.8%
General Service Less Than 50 kW	kWh	0.0045	137,532,830	618,898	9.8%
General Service 50 to 4,999 kW	kW	1.8247	1,775,257	3,239,311	51.0%
Unmetered Scattered Load	kWh	0.0045	1,544,163	6,949	0.1%
Sentinel Lighting	kW	1.5248	653	996	0.0%
Street Lighting	kW	1.4018	12,545	17,585	0.3%
<b>Total</b>				<b>6,347,534</b>	<b>100.0%</b>

3

4

5

6 Table 8.3.8.18 provides the calculation of NPEI's proposed 2021 LV Service Charge Rates.

7

8

9

10

**Table 8.3.8.18 – Calculation of Proposed LV Service Charge Rates**

Rate Class	Proposed LV Cost Allocation %	Proposed LV Cost Allocated Amount	Unit	2021 Load Forecast (kW or non-loss adjusted kWh)	Proposed LV Service Charge
Residential	38.8%	644,866	kWh	454,614,210	0.0014
General Service Less Than 50 kW	9.8%	161,988	kWh	131,961,769	0.0012
General Service 50 to 4,999 kW	51.0%	847,848	kW	1,775,257	0.4776
Unmetered Scattered Load	0.1%	1,819	kWh	1,481,614	0.0012
Sentinel Lighting	0.0%	261	kW	653	0.3991
Street Lighting	0.3%	4,603	kW	12,545	0.3669
<b>Total</b>	<b>100.0%</b>	<b>1,661,384</b>			

11

12

13

Exhibit 8: Rate Design

---

**Tab 4 (of 5): Loss Adjustment Factors**

# LOSS ADJUSTMENT FACTORS

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27

## 8.4.1 Loss Adjustment Factors

NPEI is partially embedded within Hydro One Networks Inc.'s and Grimsby Power Inc.'s distribution systems.

NPEI has calculated its proposed loss factors for the 2021 Test Year based on the most recent 5 years of historical data. The proposed loss factor calculations are shown in Table 8.4.1.1 below.

1  
 2  
 3  
 4

**Table 8.4.1.1 – Proposed Loss Adjustment Factors**

Item	Description	2015	2016	2017	2018	2019	5-Year Average
A(1)	"Wholesale" kWh delivered to distributor (higher value)	1,248,870,934	1,263,262,131	1,217,293,551	1,275,853,781	1,256,020,611	1,252,260,202
A(2)	"Wholesale" kWh delivered to distributor (lower value)	1,243,499,330	1,257,831,314	1,212,201,216	1,270,582,613	1,252,366,738	1,247,296,242
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)	-	-	-	-	-	-
C	Net "Wholesale" kWh delivered to distributor = A(2) - B	1,243,499,330	1,257,831,314	1,212,201,216	1,270,582,613	1,252,366,738	1,247,296,242
D	"Retail" kWh delivered by distributor	1,195,656,487	1,212,742,877	1,168,010,031	1,224,357,127	1,210,020,079	1,202,157,320
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)	-	-	-	-	-	-
F	Net "Retail" kWh delivered by distributor = D - E	1,195,656,487	1,212,742,877	1,168,010,031	1,224,357,127	1,210,020,079	1,202,157,320
G	Loss Factor in Distributor's system = C / F	1.0400	1.0372	1.0378	1.0378	1.0350	1.0375
H	Supply Facilities Loss Factor	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045
I	<b>Total Loss Factor = G x H</b>	<b>1.0447</b>	<b>1.0418</b>	<b>1.0425</b>	<b>1.0424</b>	<b>1.0397</b>	<b>1.0422</b>

1 NPEI's current approved loss factors and primary metering allowance, as determined in  
2 NPEI's 2015 COS Rate Application (EB-2014-0096), and most recently approved in  
3 NPEI's 2020 IRM Rate Application (EB-2019-0054), are:

4

5 Primary Metering Allowance for Transformer Losses	(1.00%)
6 Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0479
7 Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0374

8

9 NPEI proposes to continue with a Primary Metering Allowance for Transformer Losses of  
10 (1.00%). Accordingly, requests approval for the following proposed loss factors and  
11 primary metering allowance:

12

13 **2021 Test Year Proposed Loss Factors and Primary Metering Allowance**

14 Primary Metering Allowance for Transformer Losses	(1.00%)
15 Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0422
16 Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0318

17

18 In accordance with section 2.8.9 of the Filing Requirements, if the proposed distribution  
19 loss factor is greater than 5%, the distributor must provide an explanation for the level of  
20 the loss factor, details of actions taken to reduce losses in the previous five years, and  
21 actions planned to reduce losses going forward. As NPEI's proposed distribution loss  
22 factor is below 5%, NPEI has not included these additional details.

23

24 NPEI has completed the OEB's Appendix 2-R, which is included as Appendix 8-3 to this  
25 Exhibit.

Exhibit 8: Rate Design

---

**Tab 5 (of 5): Rates and Bill Impacts**

# TARIFF OF RATES AND CHARGES

## 8.5.1 Tariff of Rates and Charges

The current Tariff of Rates and Charges at the time of filing this COS rate application was based on the current Board Approved 2020 IRM rate order dated December 12, 2019. On April 16, 2020, the Board issued its letter *Re: Approach to Incentive Rate-setting Decisions for May 1, 2020 Rates*, which provided the option for distributors to postpone the changes in rates to November 1, 2020, due to the uncertainty regarding the severity and duration of the COVID-19 pandemic. NPEI notified the OEB in writing on April 22, 2020, that NPEI will postpone the implementation of its May 1, 2020 rates to November 1, 2020. On April 28, 2020, NPEI received a Vary Order authorizing NPEI to implement its new rates on November 1, 2020 as requested. For purposes of bill impacts, NPEI used the Tariff of Rates and Charges effective May 1, 2020 that will be implemented on November 1, 2020. Appendix 8-4 of this exhibit includes NPEI's current Tariff of Rates and Charges.

NPEI has prepared the proposed 2021 Tariff of Rates and Charges consistent with the current definition of rate classes and the current Terms and Conditions of Service that have been maintained in this Application. For the proposed Tariff of Rates and Charges, refer to Appendix 8-5. The proposed Tariff of Rates and Charges is also included in the Board model "2021\_Tariff\_Schedule\_and\_Bill\_Impact\_Model" which is filed as a live Excel file (EB-2020-0040\_NPEI\_Appl\_2021\_Tariff\_Schedule\_and\_Bill\_Impact\_Model\_20200831) and in Appendix 8-6 which contains a PDF version of the 2021\_Tariff\_Schedule\_and\_Bill\_Impact\_Model.

The micro-Fit Service Classification monthly service charge was updated to \$4.55 per month as per the OEB's letter dated February 24, 2020, *Re: Review of Fixed Monthly Charge for microFIT Generator Service Classification OEB File Numbers EB-2009-0326 and EB-2010-0219*.

1 NPEI updated the Tariff of Rates and Charges with the proposed Retail Transmission  
2 Rates for Network Service and Line and Transformation Connection Service rates as  
3 described in Section 8.3.1 and NPEI's proposed Total Loss Factor as described in  
4 Section 8.4.1.

5

6 The Rate Rider for Disposition of Deferral/Variance Accounts (2020) on NPEI's  
7 approved current Tariff of Rates and Charges effective May 1, 2020 has an effective  
8 until April 30, 2021 date. This effective date will change to October 31, 2021 as a result  
9 of posting the May 1, 2020 Tariff of Rates and Charges to November 1, 2020.

10

11 The OEB's model "2021\_Tariff\_Schedule\_and\_Bill\_Impact\_Model" pre-populates the  
12 current tariff of rate and charges for NPEI. Due to the Vary Order authorizing NPEI to  
13 implement the May 1, 2020 rates on November 1, 2020, the effective until date should  
14 be October 31, 2021. This correction to NPEI's final Tariff of Rates and Charges will  
15 need to be made during the draft rate order process of the November 1, 2020 rate  
16 implementation which will be filed as a stand-alone rate application on September 15,  
17 2020.

18

## BILL IMPACT INFORMATION

### 8.5.2 Bill Impact Information

Table 8.5.2.1-1 below presents NPEI's distribution rate and total bill impacts by level of consumption by customer per rate class. Impacts are shown using the applicable current approved rates (effective May 1, 2020) and the proposed NPEI rates for distribution, including Rate Riders for the recovery of Deferral and Variance accounts discussed in Exhibit 9. The rate impacts are assessed on the basis of moving to the proposed distribution rates. The table also illustrates the bill impacts for RPP customers, non-RPP customers with retailers and non-RPP customers using the average IESO Wholesale Market Price. For non-RPP customers with retailers, an average contract price in April 2020 for NPEI customers is 0.1492. The average IESO Wholesale Market Price used was 0.12703/ kWh as described in Table 3.1.6.1 in Exhibit 3. The average wholesale market price is per the RPP Price Report, issued by the Board October 22, 2019 for commodity prices between November 1, 2019 and October 31, 2020.

LDC's in the province were directed by the Board to assess the bill impacts for a residential customer at the 10<sup>th</sup> consumption percentile during the transitioning of moving the residential rate class to fully fixed rates. Effective May 1, 2019, NPEI completed the transitioning to fully fixed rates for the residential rate class. Therefore, bill impacts for a residential customer at the 10<sup>th</sup> consumption percentile is not required as part of this COS rate application.

Appendix 8-5 to this Exhibit presents the Proposed Tariff of Rates and Charges and Appendix 8-6 to this Exhibit presents the OEB's 2021\_Tariff\_Schedule\_and\_Bill\_Impact\_Model.

1  
 2

**Table 8.5.2.1-1 – Distribution and Total Bill Impact**

**RPP**

Class	Consumption/ Demand	Units	Subtotal A		Subtotal B		Subtotal C		Total Bill	
			\$	%	\$	%	\$	%	\$	%
Residential	750	kWh	2.81	8.35%	2.26	5.65%	1.9	3.78%	1.53	1.26%
GS<50 kWh	2000	kWh	7.16	10.32%	4.91	5.75%	3.94	3.61%	3.16	1.05%
GS>50 kWh	180	kW	107.49	14.31%	81.17	9.38%	53.8	3.16%	5.75	0.05%
Unmetered Scattered Load	250	kWh	0.46	1.89%	0.18	68.00%	0.06	0.02%	0.04	0.08%
Sentinel Lighting	0.12	kW	1.52	7.35%	1.48	7.03%	1.46	6.80%	1.19	5.30%
Street Lighting	0.13	kW	0.17	9.00%	0.11	4.92%	0.1	3.55%	0.11	1.01%

**non-RPP (Retailer)**

Class	Consumption/ Demand	Units	Subtotal A		Subtotal B		Subtotal C		Total Bill	
			\$	%	\$	%	\$	%	\$	%
Residential	750	kWh	2.81	8.35%	2.34	5.93%	1.97	3.98%	1.59	1.45%
GS<50 kWh	2000	kWh	7.16	10.32%	5.1	6.10%	4.14	3.85%	3.33	1.22%
GS>50 kWh	180	kW	107.49	14.31%	81.17	9.38%	53.8	3.16%	13.06	0.01%

**non-RPP (Other)**

Class	Consumption/ Demand	Units	Subtotal A		Subtotal B		Subtotal C		Total Bill	
			\$	%	\$	%	\$	%	\$	%
GS>50 kWh	180	kW	107.49	14.31%	81.17	9.38%	53.8	3.16%	13.06	0.01%
Sentinel Lighting	0.12	kW	1.52	7.35%	1.48	7.04%	1.47	6.83%	1.19	5.48%
Street Lighting	0.13	kW	0.17	9.00%	0.12	5.24%	0.1	3.79%	0.12	1.17%

3  
 4  
 5  
 6  
 7  
 8  
 9  
 10  
 11

NPEI has used 750 kWh as the typical usage for a residential customer which is consistent with the filing guidelines for 2021 Cost of Service applications.

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

1

## RATE MITIGATION

### 2 8.5.3.1 Rate Mitigation

3

4 Table 8.5.3.1 below details the Total bill impact proposed by NPEI. As the total bill  
 5 impact for all rate classes is less than 10%, no rate mitigation is necessary.

6

7

**Table 8.5.3.1-1 Total Bill Impact**

8

RPP			
Class	Total Bill		
	\$	%	
Residential	1.58	1.31%	
GS<50 kWh	3.33	1.10%	
GS>50 kWh	12.58	0.10%	
Unmetered Scattered Load	0.06	0.12%	
Sentinel Lighting	1.19	5.32%	
Street Lighting	0.12	1.13%	

non-RPP (Retailer)			
Class	Total Bill		
	\$	%	
Residential	1.64	1.50%	
GS<50 kWh	3.13	0.92%	
GS>50 kWh	3.53	0.03%	

non-RPP (Other)			
Class	Total Bill		
	\$	%	
GS>50 kWh	12.81	0.11%	
Sentinel Lighting	1.19	5.32%	
Street Lighting	0.12	1.14%	

9

10

11

12

1 **8.5.3.2 Residential Rate Design**

2

3 NPEI moved all its residential customers to fully fixed rates effective May 1, 2019.

4

5 **8.5.3.3 Mitigation Plan Approaches**

6

7 No total bill increase for any class exceeds 10% and therefore no mitigation plan is  
8 required.

9

10

Appendix 8-1  
2020 Revenue Requirement Work Form  
Sheet 12 and 13



Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2020 Filers

## New Rate Design Policy For Residential Customers

Please complete the following tables.

### A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	51,935
kWh	454,614,210

Proposed Residential Class Specific Revenue Requirement <sup>1</sup>	\$ 22,531,540.39
--	------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	\$ 33.67
Distribution Volumetric Rate (\$/kWh)	\$ -

### B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	33.67	51,935	\$ 20,983,817.40	100.00%
Variable	0	454,614,210	\$ -	0.00%
<b>TOTAL</b>	-	-	\$ 20,983,817.40	-

### C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years <sup>2</sup>	0
--	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 22,531,540.39	36.15	\$ 22,529,403.00
Variable	\$ -	0	\$ -
<b>TOTAL</b>	\$ 22,531,540.39	-	\$ 22,529,403.00

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed				
Variable				
<b>TOTAL</b>	-	\$ -	-	

Checks <sup>3</sup>	
Change in Fixed Rate	
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	

### Notes:

- The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. The change in residential rate design is almost complete and distributors should have either 0 or 1 year remaining. If the distributor has fully transitioned to fixed rates put "0" in cell D40. If the distributor has proposed an additional transition year because the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, put "1" in cell D40.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)



Appendix 8-2  
2020 RTSR Work Form



Ontario Energy Board

v 1.0

# 2020 RTSR Workform for Electricity Distributors

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

Utility Name	Niagara Peninsula Energy Inc.
Assigned EB Number	EB-2020-0040
Name and Title of Contact	Suzanne Wilson, Senior VP Finance
Phone Number	905-353-6004
Email Address	Suzanne.Wilson@npei.ca
Last COS Re-based Year	2015

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

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



Ontario Energy Board

v 1.0

# 2020 RTSR Workform for Electricity Distributors

[1. Info](#)

[2. Table of Contents](#)

[3. RRR Data](#)

[4. UTRs and Sub-Transmission](#)

[5. Historical Wholesale](#)

[6. Current Wholesale](#)

[7. Forecast Wholesale](#)

[8. RTSR Rates to Forecast](#)

# 2020 RTSR Workform for Electricity Distributors

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor <i>eg: (1.0325)</i>	Loss Adjusted Billed kWh
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074	449,942,760	0	1.0422	468,930,344
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054	449,942,760	0	1.0422	468,930,344
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	130,540,168	0	1.0422	136,048,963
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	130,540,168	0	1.0422	136,048,963
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.7628	636,993,888	1,618,431	1.0422	663,875,030
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9004	636,993,888	1,618,431	1.0422	663,875,030
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	1,530,550	0	1.0422	1,595,139
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	1,530,550	0	1.0422	1,595,139
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.0455	220,524	650	1.0422	229,830
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5881	220,524	650	1.0422	229,830
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.0884	4,494,762	12,519	1.0422	4,684,441
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4600	4,494,762	12,519	1.0422	4,684,441

# 2020 RTSR Workform for Electricity Distributors

Uniform Transmission Rates		Unit	2019 (Jan. 1-June 30) (July 1 - Dec. 31)		2020	2021
Rate Description			Rate		Rate	Rate
Network Service Rate	kW	\$	3.71	\$ 3.83	\$ 3.92	\$ 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) (July 1 - Dec. 31)		2020	2021
Rate Description			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	\$	2.5203	\$ 2.7632	\$ 2.8239	\$ 2.8239

If needed, add extra host here. (I)		Unit	2019 (Jan. 1-June 30) (July 1 - Dec. 31)		2020	2021
Rate Description			Rate		Rate	Rate
Network Service Rate	kW	\$	3.20	\$ 3.20	\$ 3.38	\$ 3.38
Line Connection Service Rate	kW	\$	0.56	\$ 0.56	\$ 0.63	\$ 0.63
Transformation Connection Service Rate	kW					
Both Line and Transformation Connection Service Rate	kW	\$		0.56	\$ 0.63	\$ 0.63

If needed, add extra host here. (II)		Unit	2019 (Jan. 1-June 30) (July 1 - Dec. 31)		2020	2021
Rate Description			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	\$		-	\$ -	\$ -
			Historical 2019		Current 2020	Forecast 2021
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$					

# 2020 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 (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 discrepancies in rates.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	134,440	\$3.7100	498,772	141,427	\$0.9400	132,941	115,084	\$2.2500	258,939	\$ 391,880
February	134,057	\$3.7100	497,351	134,937	\$0.9400	126,841	110,532	\$2.2500	248,697	\$ 375,538
March	127,686	\$3.7100	473,715	127,984	\$0.9400	120,305	104,320	\$2.2500	234,720	\$ 355,025
April	110,391	\$3.7100	409,551	112,534	\$0.9400	105,782	92,306	\$2.2500	207,689	\$ 313,470
May	101,134	\$3.7100	375,207	116,049	\$0.9400	109,086	94,800	\$2.2500	213,300	\$ 322,386
June	161,393	\$3.7100	598,770	166,877	\$0.9400	156,864	135,040	\$2.2500	303,839	\$ 460,703
July	186,588	\$3.8300	714,633	193,621	\$0.9600	185,876	154,675	\$2.3000	355,751	\$ 541,628
August	173,258	\$3.8300	663,578	175,431	\$0.9600	168,414	141,597	\$2.3000	325,673	\$ 494,087
September	155,353	\$3.8300	595,002	157,921	\$0.9600	151,604	127,422	\$2.3000	293,071	\$ 444,675
October	138,241	\$3.8300	529,463	143,291	\$0.9600	137,559	116,733	\$2.3000	268,486	\$ 406,045
November	121,412	\$3.8300	465,008	124,782	\$0.9600	119,791	102,224	\$2.3000	235,115	\$ 354,906
December	129,631	\$3.8300	496,486	132,610	\$0.9600	127,305	107,285	\$2.3000	246,756	\$ 374,061
<b>Total</b>	<b>1,673,585</b>	<b>\$ 3.77</b>	<b>\$ 6,317,537</b>	<b>1,727,463</b>	<b>\$ 0.95</b>	<b>\$ 1,642,369</b>	<b>1,402,017</b>	<b>\$ 2.28</b>	<b>\$ 3,192,036</b>	<b>\$ 4,834,404</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	46,683	\$3.1942	\$ 149,115	46,736	\$0.7710	\$ 36,033	26,762	\$1.7493	\$ 46,815	\$ 82,848
February	44,713	\$3.1942	\$ 142,821	44,788	\$0.7710	\$ 34,532	25,706	\$1.7493	\$ 44,967	\$ 79,499
March	40,654	\$3.1942	\$ 129,856	40,727	\$0.7710	\$ 31,401	23,765	\$1.7493	\$ 41,573	\$ 72,974
April	39,659	\$3.1942	\$ 126,678	39,762	\$0.7710	\$ 30,656	24,549	\$1.7493	\$ 42,944	\$ 73,600
May	37,149	\$3.1942	\$ 118,662	37,150	\$0.7710	\$ 28,642	22,876	\$1.7493	\$ 40,016	\$ 68,659
June	38,376	\$3.1942	\$ 122,579	38,655	\$0.7710	\$ 29,803	23,875	\$1.7493	\$ 41,764	\$ 71,567
July	45,880	\$3.2915	\$ 151,013	46,024	\$0.7877	\$ 36,253	27,644	\$1.9755	\$ 54,611	\$ 90,864
August	44,769	\$3.2915	\$ 147,357	44,770	\$0.7877	\$ 35,266	26,518	\$1.9755	\$ 52,387	\$ 87,653
September	40,933	\$3.2915	\$ 134,731	40,933	\$0.7877	\$ 32,243	24,636	\$1.9755	\$ 48,669	\$ 80,912
October	37,859	\$3.2915	\$ 124,613	37,869	\$0.7877	\$ 29,829	22,445	\$1.9755	\$ 44,341	\$ 74,170
November	37,353	\$3.2915	\$ 122,948	37,379	\$0.7877	\$ 29,443	22,092	\$1.9755	\$ 43,643	\$ 73,086
December	39,442	\$3.2915	\$ 129,823	39,442	\$0.7877	\$ 31,068	23,374	\$1.9755	\$ 46,176	\$ 77,244
<b>Total</b>	<b>493,468</b>	<b>\$ 3.24</b>	<b>\$ 1,600,196</b>	<b>494,234</b>	<b>\$ 0.78</b>	<b>\$ 385,170</b>	<b>294,244</b>	<b>\$ 1.86</b>	<b>\$ 547,906</b>	<b>\$ 933,076</b>

Add Extra Host Here (I) (if needed)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	6,221	\$3.2044	\$ 19,936	9,625	\$0.5613	\$ 5,402		\$0.0000		\$ 5,402
February	6,380	\$3.2044	\$ 20,445	9,443	\$0.5613	\$ 5,301		\$0.0000		\$ 5,301
March	4,485	\$3.2044	\$ 14,371	8,899	\$0.5613	\$ 4,995		\$0.0000		\$ 4,995
April	7,640	\$3.2044	\$ 24,480	8,352	\$0.5613	\$ 4,688		\$0.0000		\$ 4,688
May	8,484	\$3.2044	\$ 27,185	10,010	\$0.5613	\$ 5,619		\$0.0000		\$ 5,619
June	15,355	\$3.2044	\$ 49,205	15,067	\$0.5613	\$ 8,457		\$0.0000		\$ 8,457
July	11,265	\$3.2044	\$ 36,099	14,120	\$0.5613	\$ 7,926		\$0.0000		\$ 7,926
August	11,759	\$3.2044	\$ 37,682	15,206	\$0.5613	\$ 8,535		\$0.0000		\$ 8,535
September	15,756	\$3.2044	\$ 50,489	15,756	\$0.5613	\$ 8,844		\$0.0000		\$ 8,844
October	9,207	\$3.2044	\$ 29,502	11,408	\$0.5613	\$ 6,403		\$0.0000		\$ 6,403
November	12,660	\$3.2044	\$ 40,569	12,660	\$0.5613	\$ 7,106		\$0.0000		\$ 7,106
December	11,525	\$3.2044	\$ 36,930	13,162	\$0.5613	\$ 7,388		\$0.0000		\$ 7,388
<b>Total</b>	<b>120,738</b>	<b>\$ 3.20</b>	<b>\$ 386,893</b>	<b>143,708</b>	<b>\$ 0.56</b>	<b>\$ 80,663</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 80,663</b>

Add Extra Host Here (II) (if needed)	Network			Line Connection			Transformation Connection			Total Connection
Month	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		\$ -

## 2020 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 (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in the comments column.

Total												
	-	\$	-	\$	-	-	\$	-	\$	-	\$	-
Total	Network			Line Connection			Transformation Connection			Total Connection		
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount		
January	187,345	\$3.5647	\$ 667,824	197,787	\$0.8816	\$ 174,377	141,846	\$2.1555	\$ 305,754	\$ 480,131		
February	185,150	\$3.5680	\$ 660,617	189,168	\$0.8811	\$ 166,673	136,238	\$2.1555	\$ 293,664	\$ 460,337		
March	172,824	\$3.5755	\$ 617,942	177,610	\$0.8823	\$ 156,700	128,085	\$2.1571	\$ 276,293	\$ 432,993		
April	157,689	\$3.5558	\$ 560,709	160,648	\$0.8785	\$ 141,126	116,855	\$2.1448	\$ 250,632	\$ 391,758		
May	146,767	\$3.5502	\$ 521,054	163,209	\$0.8783	\$ 143,347	117,676	\$2.1527	\$ 253,316	\$ 396,664		
June	215,124	\$3.5819	\$ 770,554	220,598	\$0.8845	\$ 195,124	158,915	\$2.1748	\$ 345,604	\$ 540,728		
July	243,733	\$3.6997	\$ 901,745	253,765	\$0.9066	\$ 230,055	182,319	\$2.2508	\$ 410,363	\$ 640,417		
August	229,786	\$3.6931	\$ 848,617	235,408	\$0.9015	\$ 212,215	168,115	\$2.2488	\$ 378,060	\$ 590,275		
September	212,042	\$3.6796	\$ 780,222	214,610	\$0.8979	\$ 192,691	152,058	\$2.2474	\$ 341,739	\$ 534,430		
October	185,307	\$3.6889	\$ 683,578	192,568	\$0.9025	\$ 173,792	139,178	\$2.2477	\$ 312,827	\$ 486,619		
November	171,425	\$3.6665	\$ 628,524	174,821	\$0.8943	\$ 156,340	124,316	\$2.2423	\$ 278,758	\$ 435,098		
December	180,598	\$3.6725	\$ 663,239	185,213	\$0.8950	\$ 165,761	130,659	\$2.2419	\$ 292,932	\$ 458,693		
<b>Total</b>	<b>2,287,791</b>	<b>\$ 3.63</b>	<b>\$ 8,304,625</b>	<b>2,365,406</b>	<b>\$ 0.89</b>	<b>\$ 2,108,202</b>	<b>1,696,261</b>	<b>\$ 2.20</b>	<b>\$ 3,739,942</b>	<b>\$ 5,848,144</b>		

# 2020 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	134,440	\$ 3.9200	\$ 527,005	141,427	\$ 0.9700	\$ 137,184	115,084	\$ 2.3300	\$ 268,146	\$ 405,330
February	134,057	\$ 3.9200	\$ 525,503	134,937	\$ 0.9700	\$ 130,889	110,532	\$ 2.3300	\$ 257,540	\$ 388,428
March	127,686	\$ 3.9200	\$ 500,529	127,984	\$ 0.9700	\$ 124,144	104,320	\$ 2.3300	\$ 243,066	\$ 367,210
April	110,391	\$ 3.9200	\$ 432,733	112,534	\$ 0.9700	\$ 109,158	92,306	\$ 2.3300	\$ 215,073	\$ 324,231
May	101,134	\$ 3.9200	\$ 396,445	116,049	\$ 0.9700	\$ 112,568	94,800	\$ 2.3300	\$ 220,884	\$ 333,452
June	161,393	\$ 3.9200	\$ 632,662	166,877	\$ 0.9700	\$ 161,870	135,040	\$ 2.3300	\$ 314,643	\$ 476,513
July	186,588	\$ 3.9200	\$ 731,426	193,621	\$ 0.9700	\$ 187,812	154,675	\$ 2.3300	\$ 360,392	\$ 548,204
August	173,258	\$ 3.9200	\$ 679,171	175,431	\$ 0.9700	\$ 170,168	141,597	\$ 2.3300	\$ 329,921	\$ 500,089
September	155,353	\$ 3.9200	\$ 608,984	157,921	\$ 0.9700	\$ 153,183	127,422	\$ 2.3300	\$ 296,893	\$ 450,077
October	138,241	\$ 3.9200	\$ 541,905	143,291	\$ 0.9700	\$ 138,992	116,733	\$ 2.3300	\$ 271,988	\$ 410,980
November	121,412	\$ 3.9200	\$ 475,935	124,782	\$ 0.9700	\$ 121,039	102,224	\$ 2.3300	\$ 238,182	\$ 359,220
December	129,631	\$ 3.9200	\$ 508,153	132,610	\$ 0.9700	\$ 128,631	107,285	\$ 2.3300	\$ 249,974	\$ 378,605
<b>Total</b>	<b>1,673,585</b>	<b>\$ 3.92</b>	<b>\$ 6,560,452</b>	<b>1,727,463</b>	<b>\$ 0.97</b>	<b>\$ 1,675,639</b>	<b>1,402,017</b>	<b>\$ 2.33</b>	<b>\$ 3,266,700</b>	<b>\$ 4,942,340</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	46,683	\$ 3.3980	\$ 158,629	46,736	\$ 0.8045	\$ 37,599	26,762	\$ 2.0194	\$ 54,043	\$ 91,642
February	44,713	\$ 3.3980	\$ 151,934	44,788	\$ 0.8045	\$ 36,032	25,706	\$ 2.0194	\$ 51,910	\$ 87,942
March	40,654	\$ 3.3980	\$ 138,141	40,727	\$ 0.8045	\$ 32,765	23,765	\$ 2.0194	\$ 47,992	\$ 80,757
April	39,659	\$ 3.3980	\$ 134,761	39,762	\$ 0.8045	\$ 31,988	24,549	\$ 2.0194	\$ 49,574	\$ 81,563
May	37,149	\$ 3.3980	\$ 126,233	37,150	\$ 0.8045	\$ 29,887	22,876	\$ 2.0194	\$ 46,195	\$ 76,082
June	38,376	\$ 3.3980	\$ 130,400	38,655	\$ 0.8045	\$ 31,098	23,875	\$ 2.0194	\$ 48,213	\$ 79,311
July	45,880	\$ 3.3980	\$ 155,899	46,024	\$ 0.8045	\$ 37,026	27,644	\$ 2.0194	\$ 55,825	\$ 92,851
August	44,769	\$ 3.3980	\$ 152,125	44,770	\$ 0.8045	\$ 36,018	26,518	\$ 2.0194	\$ 53,551	\$ 89,569
September	40,933	\$ 3.3980	\$ 139,090	40,933	\$ 0.8045	\$ 32,931	24,636	\$ 2.0194	\$ 49,750	\$ 82,681
October	37,859	\$ 3.3980	\$ 128,645	37,869	\$ 0.8045	\$ 30,465	22,445	\$ 2.0194	\$ 45,326	\$ 75,792
November	37,353	\$ 3.3980	\$ 126,926	37,379	\$ 0.8045	\$ 30,071	22,092	\$ 2.0194	\$ 44,613	\$ 74,684
December	39,442	\$ 3.3980	\$ 134,023	39,442	\$ 0.8045	\$ 31,731	23,374	\$ 2.0194	\$ 47,202	\$ 78,933
<b>Total</b>	<b>493,468</b>	<b>\$ 3.40</b>	<b>\$ 1,676,806</b>	<b>494,234</b>	<b>\$ 0.80</b>	<b>\$ 397,611</b>	<b>294,244</b>	<b>\$ 2.02</b>	<b>\$ 594,195</b>	<b>\$ 991,807</b>

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	6,221	\$ 3.3787	\$ 21,020	9,625	\$ 0.6268	\$ 6,033	-	\$ -	\$ -	\$ 6,033
February	6,380	\$ 3.3787	\$ 21,557	9,443	\$ 0.6268	\$ 5,919	-	\$ -	\$ -	\$ 5,919
March	4,485	\$ 3.3787	\$ 15,152	8,899	\$ 0.6268	\$ 5,578	-	\$ -	\$ -	\$ 5,578
April	7,640	\$ 3.3787	\$ 25,812	8,352	\$ 0.6268	\$ 5,235	-	\$ -	\$ -	\$ 5,235
May	8,484	\$ 3.3787	\$ 28,664	10,010	\$ 0.6268	\$ 6,274	-	\$ -	\$ -	\$ 6,274
June	15,355	\$ 3.3787	\$ 51,881	15,067	\$ 0.6268	\$ 9,444	-	\$ -	\$ -	\$ 9,444
July	11,265	\$ 3.3787	\$ 38,063	14,120	\$ 0.6268	\$ 8,850	-	\$ -	\$ -	\$ 8,850
August	11,759	\$ 3.3787	\$ 39,732	15,206	\$ 0.6268	\$ 9,531	-	\$ -	\$ -	\$ 9,531
September	15,756	\$ 3.3787	\$ 53,236	15,756	\$ 0.6268	\$ 9,876	-	\$ -	\$ -	\$ 9,876
October	9,207	\$ 3.3787	\$ 31,107	11,408	\$ 0.6268	\$ 7,151	-	\$ -	\$ -	\$ 7,151
November	12,660	\$ 3.3787	\$ 42,775	12,660	\$ 0.6268	\$ 7,935	-	\$ -	\$ -	\$ 7,935
December	11,525	\$ 3.3787	\$ 38,939	13,162	\$ 0.6268	\$ 8,250	-	\$ -	\$ -	\$ 8,250
<b>Total</b>	<b>120,738</b>	<b>\$ 3.38</b>	<b>\$ 407,937</b>	<b>143,708</b>	<b>\$ 0.63</b>	<b>\$ 90,076</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 90,076</b>

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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total	Network			Line Connection			Transformation Connection			Total Connection
-------	---------	--	--	-----------------	--	--	---------------------------	--	--	------------------



# 2020 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	187,345	\$3.77	\$ 706,655	197,787	\$0.91	\$ 180,816	141,846	\$2.27	\$ 322,189	\$ 503,005
February	185,150	\$3.78	\$ 698,994	189,168	\$0.91	\$ 172,840	136,238	\$2.27	\$ 309,450	\$ 482,290
March	172,824	\$3.78	\$ 653,823	177,610	\$0.91	\$ 162,487	128,085	\$2.27	\$ 291,058	\$ 453,545
April	157,689	\$3.76	\$ 593,306	160,648	\$0.91	\$ 146,381	116,855	\$2.26	\$ 264,647	\$ 411,029
May	146,767	\$3.76	\$ 551,342	163,209	\$0.91	\$ 148,729	117,676	\$2.27	\$ 267,079	\$ 415,808
June	215,124	\$3.79	\$ 814,944	220,598	\$0.92	\$ 202,412	158,915	\$2.28	\$ 362,856	\$ 565,268
July	243,733	\$3.80	\$ 925,388	253,765	\$0.92	\$ 233,689	182,319	\$2.28	\$ 416,217	\$ 649,906
August	229,786	\$3.79	\$ 871,028	235,408	\$0.92	\$ 215,717	168,115	\$2.28	\$ 383,472	\$ 599,189
September	212,042	\$3.78	\$ 801,309	214,610	\$0.91	\$ 195,990	152,058	\$2.28	\$ 346,644	\$ 542,634
October	185,307	\$3.79	\$ 701,656	192,568	\$0.92	\$ 176,608	139,178	\$2.28	\$ 317,314	\$ 493,922
November	171,425	\$3.77	\$ 645,636	174,821	\$0.91	\$ 159,045	124,316	\$2.27	\$ 282,795	\$ 441,840
December	180,598	\$3.77	\$ 681,116	185,213	\$0.91	\$ 168,612	130,659	\$2.27	\$ 297,176	\$ 465,788
<b>Total</b>	<b>2,287,791</b>	<b>\$ 3.78</b>	<b>\$ 8,645,195</b>	<b>2,365,406</b>	<b>\$ 0.91</b>	<b>\$ 2,163,327</b>	<b>1,696,261</b>	<b>\$ 2.28</b>	<b>\$ 3,860,896</b>	<b>\$ 6,024,223</b>



Ontario Energy Board

v 1.0

# 2020 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	134,440	\$ 3.9200	\$ 527,005	141,427	\$ 0.9700	\$ 137,184	115,084	\$ 2.3300	\$ 268,146	\$ 405,330
February	134,057	\$ 3.9200	\$ 525,503	134,937	\$ 0.9700	\$ 130,889	110,532	\$ 2.3300	\$ 257,540	\$ 388,428
March	127,686	\$ 3.9200	\$ 500,529	127,984	\$ 0.9700	\$ 124,144	104,320	\$ 2.3300	\$ 243,066	\$ 367,210
April	110,391	\$ 3.9200	\$ 432,733	112,534	\$ 0.9700	\$ 109,158	92,306	\$ 2.3300	\$ 215,073	\$ 324,231
May	101,134	\$ 3.9200	\$ 396,445	116,049	\$ 0.9700	\$ 112,568	94,800	\$ 2.3300	\$ 220,884	\$ 333,452
June	161,393	\$ 3.9200	\$ 632,662	166,877	\$ 0.9700	\$ 161,870	135,040	\$ 2.3300	\$ 314,643	\$ 476,513
July	186,588	\$ 3.9200	\$ 731,426	193,621	\$ 0.9700	\$ 187,812	154,675	\$ 2.3300	\$ 360,392	\$ 548,204
August	173,258	\$ 3.9200	\$ 679,171	175,431	\$ 0.9700	\$ 170,168	141,597	\$ 2.3300	\$ 329,921	\$ 500,089
September	155,353	\$ 3.9200	\$ 608,984	157,921	\$ 0.9700	\$ 153,183	127,422	\$ 2.3300	\$ 296,893	\$ 450,077
October	138,241	\$ 3.9200	\$ 541,905	143,291	\$ 0.9700	\$ 138,992	116,733	\$ 2.3300	\$ 271,988	\$ 410,980
November	121,412	\$ 3.9200	\$ 475,935	124,782	\$ 0.9700	\$ 121,039	102,224	\$ 2.3300	\$ 238,182	\$ 359,220
December	129,631	\$ 3.9200	\$ 508,153	132,610	\$ 0.9700	\$ 128,631	107,285	\$ 2.3300	\$ 249,974	\$ 378,605
<b>Total</b>	<b>1,673,585</b>	<b>\$ 3.92</b>	<b>\$ 6,560,452</b>	<b>1,727,463</b>	<b>\$ 0.97</b>	<b>\$ 1,675,639</b>	<b>1,402,017</b>	<b>\$ 2.33</b>	<b>\$ 3,266,700</b>	<b>\$ 4,942,340</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	46,683	\$ 3.3980	\$ 158,629	46,736	\$ 0.8045	\$ 37,599	26,762	\$ 2.0194	\$ 54,043	\$ 91,642
February	44,713	\$ 3.3980	\$ 151,934	44,788	\$ 0.8045	\$ 36,032	25,706	\$ 2.0194	\$ 51,910	\$ 87,942
March	40,654	\$ 3.3980	\$ 138,141	40,727	\$ 0.8045	\$ 32,765	23,765	\$ 2.0194	\$ 47,992	\$ 80,757
April	39,659	\$ 3.3980	\$ 134,761	39,762	\$ 0.8045	\$ 31,988	24,549	\$ 2.0194	\$ 49,574	\$ 81,563
May	37,149	\$ 3.3980	\$ 126,233	37,150	\$ 0.8045	\$ 29,887	22,876	\$ 2.0194	\$ 46,195	\$ 76,082
June	38,376	\$ 3.3980	\$ 130,400	38,655	\$ 0.8045	\$ 31,098	23,875	\$ 2.0194	\$ 48,213	\$ 79,311
July	45,880	\$ 3.3980	\$ 155,899	46,024	\$ 0.8045	\$ 37,026	27,644	\$ 2.0194	\$ 55,825	\$ 92,851
August	44,769	\$ 3.3980	\$ 152,125	44,770	\$ 0.8045	\$ 36,018	26,518	\$ 2.0194	\$ 53,551	\$ 89,569
September	40,933	\$ 3.3980	\$ 139,090	40,933	\$ 0.8045	\$ 32,931	24,636	\$ 2.0194	\$ 49,750	\$ 82,681
October	37,859	\$ 3.3980	\$ 128,645	37,869	\$ 0.8045	\$ 30,465	22,445	\$ 2.0194	\$ 45,326	\$ 75,792
November	37,353	\$ 3.3980	\$ 126,926	37,379	\$ 0.8045	\$ 30,071	22,092	\$ 2.0194	\$ 44,613	\$ 74,684
December	39,442	\$ 3.3980	\$ 134,023	39,442	\$ 0.8045	\$ 31,731	23,374	\$ 2.0194	\$ 47,202	\$ 78,933
<b>Total</b>	<b>493,468</b>	<b>\$ 3.40</b>	<b>\$ 1,676,806</b>	<b>494,234</b>	<b>\$ 0.80</b>	<b>\$ 397,611</b>	<b>294,244</b>	<b>\$ 2.02</b>	<b>\$ 594,195</b>	<b>\$ 991,807</b>

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	6,221	\$ 3.3787	\$ 21,020	9,625	\$ 0.6268	\$ 6,033	-	\$ -	\$ -	\$ 6,033
February	6,380	\$ 3.3787	\$ 21,557	9,443	\$ 0.6268	\$ 5,919	-	\$ -	\$ -	\$ 5,919
March	4,485	\$ 3.3787	\$ 15,152	8,899	\$ 0.6268	\$ 5,578	-	\$ -	\$ -	\$ 5,578
April	7,640	\$ 3.3787	\$ 25,812	8,352	\$ 0.6268	\$ 5,235	-	\$ -	\$ -	\$ 5,235
May	8,484	\$ 3.3787	\$ 28,664	10,010	\$ 0.6268	\$ 6,274	-	\$ -	\$ -	\$ 6,274
June	15,355	\$ 3.3787	\$ 51,881	15,067	\$ 0.6268	\$ 9,444	-	\$ -	\$ -	\$ 9,444
July	11,265	\$ 3.3787	\$ 38,063	14,120	\$ 0.6268	\$ 8,850	-	\$ -	\$ -	\$ 8,850
August	11,759	\$ 3.3787	\$ 39,732	15,206	\$ 0.6268	\$ 9,531	-	\$ -	\$ -	\$ 9,531
September	15,756	\$ 3.3787	\$ 53,236	15,756	\$ 0.6268	\$ 9,876	-	\$ -	\$ -	\$ 9,876
October	9,207	\$ 3.3787	\$ 31,107	11,408	\$ 0.6268	\$ 7,151	-	\$ -	\$ -	\$ 7,151
November	12,660	\$ 3.3787	\$ 42,775	12,660	\$ 0.6268	\$ 7,935	-	\$ -	\$ -	\$ 7,935
December	11,525	\$ 3.3787	\$ 38,939	13,162	\$ 0.6268	\$ 8,250	-	\$ -	\$ -	\$ 8,250
<b>Total</b>	<b>120,738</b>	<b>\$ 3.38</b>	<b>\$ 407,937</b>	<b>143,708</b>	<b>\$ 0.63</b>	<b>\$ 90,076</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 90,076</b>

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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



Ontario Energy Board

v 1.0

# 2020 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	187,345	\$ 3.77	706,655	197,787	\$ 0.91	180,816	141,846	\$ 2.27	322,189	\$ 503,005
February	185,150	\$ 3.78	698,994	189,168	\$ 0.91	172,840	136,238	\$ 2.27	309,450	\$ 482,290
March	172,824	\$ 3.78	653,823	177,610	\$ 0.91	162,487	128,085	\$ 2.27	291,058	\$ 453,545
April	157,689	\$ 3.76	593,306	160,648	\$ 0.91	146,381	116,855	\$ 2.26	264,647	\$ 411,029
May	146,767	\$ 3.76	551,342	163,209	\$ 0.91	148,729	117,676	\$ 2.27	267,079	\$ 415,808
June	215,124	\$ 3.79	814,944	220,598	\$ 0.92	202,412	158,915	\$ 2.28	362,856	\$ 565,268
July	243,733	\$ 3.80	925,388	253,765	\$ 0.92	233,689	182,319	\$ 2.28	416,217	\$ 649,906
August	229,786	\$ 3.79	871,028	235,408	\$ 0.92	215,717	168,115	\$ 2.28	383,472	\$ 599,189
September	212,042	\$ 3.78	801,309	214,610	\$ 0.91	195,990	152,058	\$ 2.28	346,644	\$ 542,634
October	185,307	\$ 3.79	701,656	192,568	\$ 0.92	176,608	139,178	\$ 2.28	317,314	\$ 493,922
November	171,425	\$ 3.77	645,636	174,821	\$ 0.91	159,045	124,316	\$ 2.27	282,795	\$ 441,840
December	180,598	\$ 3.77	681,116	185,213	\$ 0.91	168,612	130,659	\$ 2.27	297,176	\$ 465,788
<b>Total</b>	<b>2,287,791</b>	<b>\$ 3.78</b>	<b>\$ 8,645,195</b>	<b>2,365,406</b>	<b>\$ 0.91</b>	<b>\$ 2,163,327</b>	<b>1,696,261</b>	<b>\$ 2.28</b>	<b>\$ 3,860,896</b>	<b>\$ 6,024,223</b>

# 2020 RTSR Workform for Electricity Distributors

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074	468,930,344	0	3,470,085	39.0%	3,374,082	0.0072
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	136,048,963	0	911,528	10.3%	886,310	0.0065
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.7628	663,875,030	1,618,431	4,471,401	50.3%	4,347,697	2.6864
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	1,595,139	0	10,687	0.1%	10,392	0.0065
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.0455	229,830	650	1,330	0.0%	1,293	1.9889
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.0884	4,684,441	12,519	26,145	0.3%	25,421	2.0306

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

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054	468,930,344	0	2,532,224	40.4%	2,431,363	0.0052
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	136,048,963	0	639,430	10.2%	613,961	0.0045
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9004	663,875,030	1,618,431	3,075,666	49.0%	2,953,160	1.8247
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	1,595,139	0	7,497	0.1%	7,199	0.0045
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5881	229,830	650	1,032	0.0%	991	1.5249
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4600	4,684,441	12,519	18,278	0.3%	17,550	1.4018

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	468,930,344	0	3,374,082	39.0%	3,374,082	0.0072
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	136,048,963	0	886,310	10.3%	886,310	0.0065
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.6864	663,875,030	1,618,431	4,347,697	50.3%	4,347,697	2.6864
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	1,595,139	0	10,392	0.1%	10,392	0.0065
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	1.9889	229,830	650	1,293	0.0%	1,293	1.9889
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.0306	4,684,441	12,519	25,421	0.3%	25,421	2.0306

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	468,930,344	0	2,431,363	40.4%	2,431,363	0.0052
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045	136,048,963	0	613,961	10.2%	613,961	0.0045
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8247	663,875,030	1,618,431	2,953,160	49.0%	2,953,160	1.8247
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045	1,595,139	0	7,199	0.1%	7,199	0.0045
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5249	229,830	650	991	0.0%	991	1.5248
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4018	4,684,441	12,519	17,550	0.3%	17,550	1.4018

Appendix 8-3  
Appendix 2-R

## Appendix 2-R Loss Factors

		Historical Years				5-Year Average	
		2015	2016	2017	2018		2019
<b>Losses Within Distributor's System</b>							
<b>A(1)</b>	"Wholesale" kWh delivered to distributor (higher value)	1,248,870,934	1,263,262,131	1,217,293,551	1,275,853,781	1,256,020,611	1,252,260,202
<b>A(2)</b>	"Wholesale" kWh delivered to distributor (lower value)	1,243,499,330	1,257,831,314	1,212,201,216	1,270,582,613	1,252,366,738	1,247,296,242
<b>B</b>	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)						-
<b>C</b>	Net "Wholesale" kWh delivered to distributor = <b>A(2) - B</b>	1,243,499,330	1,257,831,314	1,212,201,216	1,270,582,613	1,252,366,738	1,247,296,242
<b>D</b>	"Retail" kWh delivered by distributor	1,195,656,487	1,212,742,877	1,168,010,031	1,224,357,127	1,210,020,079	1,202,157,320
<b>E</b>	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)						-
<b>F</b>	Net "Retail" kWh delivered by distributor = <b>D - E</b>	1,195,656,487	1,212,742,877	1,168,010,031	1,224,357,127	1,210,020,079	1,202,157,320
<b>G</b>	Loss Factor in Distributor's system = <b>C / F</b>	1.0400	1.0372	1.0378	1.0378	1.0350	1.0375
<b>Losses Upstream of Distributor's System</b>							
<b>H</b>	Supply Facilities Loss Factor	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045
<b>Total Losses</b>							
<b>I</b>	Total Loss Factor = <b>G x H</b>	1.0447	1.0418	1.0425	1.0424	1.0397	1.0422

**Notes:**

**A(1)** If directly connected to the IESO-controlled grid, kWh pertains to the virtual meter on the primary or high voltage side of the transformer at the interface with the transmission grid. This corresponds to the "With Losses" kWh value provided by the IESO's MV-WEB. It is the higher of the two values provided by MV-WEB.

If fully embedded within a host distributor, kWh pertains to the virtual meter on the primary or high voltage side of the transformer, at the interface between the host distributor and the transmission grid. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh w Losses" should be reported. This corresponds to the higher of the two kWh values provided in Hydro One Networks' invoice.

If partially embedded, kWh pertains to the sum of the above.

**A(2)** If directly connected to the IESO-controlled grid, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface with the transmission grid. This corresponds to the "Without Losses" kWh value provided by the IESO's MV-WEB. It is the lower of the two kWh values provided by MV-WEB.

If fully embedded with the host distributor, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface between the embedded distributor and the host distributor. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh" should be reported. This corresponds to the lower of the two kWh values provided in Hydro One Networks' invoice.

If partially embedded, kWh pertains to the sum of the above.

Additionally, kWh pertaining to distributed generation directly connected to the distributor's own distribution network should be included in **A(2)**.

**B** If a Large Use Customer is metered on the secondary or low voltage side of the transformer, the default loss is 1% (i.e., **B = 1.01 X E**). This value should not include supply facility losses. However, the total loss factor on the tariff of rate and charges and applied to customers consumption

**D** kWh corresponding to D should equal metered or estimated kWh at the customer's delivery point.

**E** Metered consumption of Large Use customers.

**G and I** These loss factors pertain to secondary-metered customers with demand less than 5,000 kW.

**H** Actual Supply Facility Loss Factor as calculated by dividing A(1) by A(2).

Appendix 8-4  
Current Tariff May 1, 2020

**Schedule A**

**To Decision and Rate Order**

**Tariff of Rates and Charges**

**OEB File No: EB-2019-0054**

**DATED: December 12, 2019**

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2020**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2019-0054

**RESIDENTIAL SERVICE CLASSIFICATION**

This class pertains to customers residing in detached, semi-detached or duplex dwelling units, where energy is supplied single-phase, 3 wire, 60 hertz, having a nominal voltage of 120/240 volts. Large residential services will include all services from 201 amp. Up to and including 400 amp., 120/240 volt, single phase, three wire. 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	\$	33.67
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0005
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until June 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0012
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2020**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2019-0054

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

This class pertains to non-residential customers taking electricity at 750 volts or less whose monthly average peak demand is less than, or 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	\$	40.15
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0146
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until June 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0012
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2020**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2019-0054

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

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

**APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of 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 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	\$	109.12
Distribution Volumetric Rate	\$/kW	3.5671
Low Voltage Service Rate	\$/kW	0.1612
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until June 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	0.0384
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.4366
Retail Transmission Rate - Network Service Rate	\$/kW	2.7628
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9004

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2020**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

**EB-2019-0054**

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2020**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2019-0054

**UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

This classification refers to an account taking electricity at 750 volts or less whose average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electricity 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 customer)	\$	20.73
Distribution Volumetric Rate	\$/kWh	0.0144
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0012
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

**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

# Niagara Peninsula Energy Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

EB-2019-0054

### 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	\$	18.03
Distribution Volumetric Rate	\$/kW	22.4995
Low Voltage Service Rate	\$/kW	0.1347
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.4079
Retail Transmission Rate - Network Service Rate	\$/kW	2.0455
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5881

### 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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2020**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2019-0054

**STREET LIGHTING SERVICE CLASSIFICATION**

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. Street lighting profile is derived through the use of a “virtual street lighting meter” that uses a street light control eye, consistent with the model type and product manufacturer of devices currently in service in the Applicant’s distribution area, to simulate the exact daily conditions that the typical street light is exposed to. This simulated street light load is captured using an interval metering device, and is processed as part of the distributor’s daily interval meter interrogation, validation and processing procedures. 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)	\$	1.27
Distribution Volumetric Rate	\$/kW	4.9783
Low Voltage Service Rate	\$/kW	0.1239
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until June 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.4317
Retail Transmission Rate - Network Service Rate	\$/kW	2.0884
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4600

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2020**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2019-0054

**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	\$	5.40
----------------	----	------

**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)

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2020**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2019-0054

**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)	\$	20.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

**Non-Payment of Account (see Note below)**

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	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

**Other**

Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles (with the exception of wireless attachments)	\$	44.50

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2020**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2019-0054

**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	1.0479
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0374

Appendix 8-5  
Proposed Tariff January 1, 2021

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

**EB-2020-0040**

**RESIDENTIAL SERVICE CLASSIFICATION**

This class pertains to customers residing in detached, semi-detached or duplex dwelling units, where energy is supplied single-phase, 3 wire, 60 hertz, having a nominal voltage of 120/240 volts. Large residential services will include all services from 201 amp. Up to and including 400 amp., 120/240 volt, single phase, three wire. 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	\$	36.15
Rate Rider for Disposition of Deferral/Variance Accounts-Group 2 - effective until December 31, 2021	\$	(0.20)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$	(0.09)
Rate Rider for Recovery of (year) Foregone Revenue - effective until December 31, 2021	\$	0.62
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts -Group 1 - effective until December 31, 2021	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

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

This class pertains to non-residential customers taking electricity at 750 volts or less whose monthly average peak demand is less than, or 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	\$	43.11
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0157
Low Voltage Service Rate	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	\$/kWh	(0.0012)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$/kWh	(0.0001)
Rate Rider for Recovery of (year) Foregone Revenue - effective until December 31, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Account 1557 - effective until December 31, 2021	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

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

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

**APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of 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 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	\$	168.64
Distribution Volumetric Rate	\$/kW	3.6065
Low Voltage Service Rate	\$/kW	0.4776
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	0.0384
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.4366
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	\$/kW	0.2243
Rate Rider for Disposition of Deferral/Variance Accounts Applicable only for Non-Wholesale Market Participants - effective until December 31, 2021	\$/kW	(0.6869)

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

**EB-2020-0040**

Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$/kW	(0.0490)
Rate Rider for Recovery of (year) Foregone Revenue - effective until December 31, 2021	\$/kW	0.1555
Rate Rider for Disposition of Account 1557 - effective until December 31, 2021	\$/kW	0.1206
Retail Transmission Rate - Network Service Rate	\$/kW	2.6864
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8247

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

**UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

This classification refers to an account taking electricity at 750 volts or less whose average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electricity 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 customer)	\$	21.14
Distribution Volumetric Rate	\$/kWh	0.0147
Low Voltage Service Rate	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	\$/kWh	(0.0012)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

## 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	\$	19.36
Distribution Volumetric Rate	\$/kW	24.1590
Low Voltage Service Rate	\$/kW	0.3991
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.4079
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	\$/kW	(0.3961)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$/kW	(0.0418)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9889
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5248

### 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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

**STREET LIGHTING SERVICE CLASSIFICATION**

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. Street lighting profile is derived through the use of a "virtual street lighting meter" that uses a street light control eye, consistent with the model type and product manufacturer of devices currently in service in the Applicant's distribution area, to simulate the exact daily conditions that the typical street light is exposed to. This simulated street light load is captured using an interval metering device, and is processed as part of the distributor's daily interval meter interrogation, validation and processing procedures. 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)	\$	0.73
Distribution Volumetric Rate	\$/kW	2.9003
Low Voltage Service Rate	\$/kW	0.3669
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.4317
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	\$/kW	(0.4215)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$/kW	(0.0444)
Rate Rider for Recovery of (year) Foregone Revenue - effective until December 31, 2021	\$/kW	7.6037
Retail Transmission Rate - Network Service Rate	\$/kW	2.0306
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4018

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

**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
----------------	----	------

**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)	\$	20.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

**Non-Payment of Account (see Note below)**

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
--	---	------

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

**EB-2020-0040**

Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

**Other**

Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles (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	\$	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**

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

**EB-2020-0040**

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

1.0422

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

1.0317

Appendix 8-6  
OEB Bill Impact Model



Consumption	A/B transition customers. The data on this tab is used for the purposes of determining the GA rate rider, CBR Class B rate rider (if applicable), as well as customer specific GA and CBR charges for transition customers (if applicable).	7	Under #3a, enter the number of tr table accordingly for each transiti CBR Class B balance allocation to t correspond to the same transition balances to the rate classes, as app
6.1a - GA Allocation	This tab has been revised. It allocates the GA balance to each transition customer for the period in which these customers were Class B customers and contributed to the GA balance (i.e. former Class B customers who contributed to the GA balance but are now Class A customers and former Class A customers who are now Class B customers contributing to the GA balance).	8	Under #3b, enter the number of cu period). A table will be generated determinants in the allocation of C
6.1 - GA	This tab calculates the GA rate rider to be applied to all non-RPP Class B customers (except for the transition customers allocated a customer specific balance in tab 6.1a).	9	This tab is generated when the uti  In row 20, enter the total Class B c  The rest of the information in this customers who are allocated a spe
6.2 - CBR	This is a new tab that calculates the CBR Class B rate rider if there were Class A customers at any point during the period that the CBR Class B balance accumulated.	10	Enter the proposed rate rider reco based on whether there were any
6.2a - CBR_B Allocation	This is a new tab that allocates the CBR Class B balance to each transition customer for the period in which these customers were Class B customers and contributed to the CBR Class B balance (i.e. former Class B customers who contributed to the balance but are now Class A customers and former Class A customers who are now Class B contributing to the balance).	11	This tab is generated when the ut Select one of two options pertaini  The rest of the information in the CBR Class B balance accumulated.
5 - Allocating Def-Var Balances	This tab allocates the Group 1 balances (except GA and CBR Class B if Class A customers exist).	12	This tab is generated when the uti  In row 20, enter the total Class B c  The rest of the information in this transition customers identified for All transition customers who are a
7 - Calculation of Def-Var RR	This tab calculates the Group 1 rate riders, except for GA and CBR Class B (if Class A customers exist)	13	Review the allocated balances to €
		14	Enter the proposed rate rider reco

dule.

or Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2017 rate application, DVA balances as at d for disposition, start the continuity schedule from 2015 by entering the closing 2014 balances in the Adjustments column under 2014.

i, complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2016 regardless of whether the account is the current application. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage (2014) would have information starting in 2014, when the relevant balances approved for disposition were first transferred into Account 1595 (2014). The DVA :s from 2011, if a utility has an Account 1595 with a vintage year prior to 2011, then a separate schedule should be provided starting from the vintage year.

it any point during the period that the Account 1589 GA balance accumulated (e.g. last disposition was for 2014 balances in the 2016 rate application, current accumulated from 2015 to 2016), check off the checkbox in cell BP13.

then proceed to tab 4 and complete the tab as needed. Tab 5 will be calculated accordingly. Then proceed to tabs 6.1 and 7, complete the tabs as needed and the :ulated.

6 relating to Class A customer consumption will be generated, see step 5 to 8 below for further details.

ed off, another checkbox will pop up to the right of the checkbox. If you had any Class A customers at any point during the period that the Account 1580, sub- :ulated (i.e. 2015 and 2016 or 2016), check off the checkbox.

then the balance in the Account 1580, sub-account CBR Class B will be allocated and disposed with Account 1580 WMS, as part of the general DVA rate rider.

n tab 6.2 will be generated. This tab will allocate and dispose the balance in Account 1580 sub-account CBR Class B through a separate rate rider using step 11 below for further details.

ata used to populate the tab.

:alculation. If the threshold disposition is not met, select whether disposition is still being requested or not in the drop down box.

lity checks in tab 3 that they have Class A customers during the period that GA balance accumulated.

unt 1589 GA balance was last disposed.

ad any customers that transitioned between Class A and B during the period the Account 1589 GA balance accumulated.

erated. Proceed to #2b.

ad any customers that transitioned between Class A and B during the period the Account 1580, sub-account CBR Class B balance accumulated.

Proceed to #3a in step 7.

transition customers during the period the Account 1589 GA balance accumulated. A table will be generated based on the number of customers. Complete the table for each customer identified (i.e. kWh/kW for half year periods, and the customer class during the half year). This data will automatically be used in the GA balance and CBR Class B balances in tabs 6.1a and 6.2a respectively. Each transition customer identified in tab 6, table 3a will be assigned a customer number and the number will be used to populate the customer number in tabs 6.1a and 6.2a. The data in tab 6 will also be used in the calculation of billing determinants in the allocation of GA and CBR Class B balances, as applicable.

Customers who were Class A customers during the entire period the Account 1589 GA balance accumulated (i.e. did not transition between Class A and B during the period) will be used in the calculation of billing determinants in the allocation of GA and CBR Class B balances to the rate classes, as applicable.

Yield indicates that they have transition customers in tab 6, #2a during the period where the Account 1589 GA balance accumulated.

Consumption which equals to Non-RPP consumption less WMP consumption and consumption for Class A customers (who were Class A for partial and full year).

This tab will be auto-populated and will calculate the customer specific allocation of the GA balance to transition customers in the bottom table. All transition customer specific GA amounts are not to be charged the general Non-RPP Class B GA rate rider as calculated in tab 6.1.

Every period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the GA rate riders are calculated accordingly for transition customers during the period that the GA balance accumulated.

Yield checks in tab 3 that they have Class A customers during the period that Account 1580, sub-account CBR Class B balance accumulated.

Yield to the years in which the CBR Class B balance accumulated, either 2015 and 2016, or 2016 only in cell B13.

This tab is auto-populated and the CBR Class B rate riders are calculated accordingly based on whether there were any transition customers during the period that the

Yield indicates that they have transition customers in tab 6, #2b during the period where the CBR Class B balance accumulated.

Consumption which equals to total consumption less WMP consumption and consumption for Class A customers (who were Class A for partial and full year).

This tab will be auto-populated and will calculate the customer specific allocation of the CBR Class B balance to transition customers in the bottom table. Note that the GA may be different than the transition customers for CBR Class B as this would depend on the period in which the GA and CBR Class B balances accumulated. All transition customer specific CBR Class B amounts are not to be charged the general CBR Class B rate rider.

Ensure the allocation is appropriate. Note that the final allocation for Account 1580, sub-account CBR Class B is calculated after the completion of tabs 6 to 6.2a.

Every period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the rate riders are calculated accordingly.

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

**Quick Link**

Ontario Energy Board's 2021 Electricity  
Distribution Rates Webpage

Version 1.0

Utility Name	Niagara Peninsula Energy Inc.
Assigned EB Number	EB-2020-0040
Name of Contact and Title	Suzanne Wilson, Senior VP Finance
Phone Number	905-353-6004
Email Address	suzanne.wilson@npei.ca
We are applying for rates effective	Friday, January 01, 2021
Rate-Setting Method	Price Cap IR
Please indicate the last Cost of Service Re-Basing Year	2015

Legend

Pale green cells represent input cells.



# Tariff Schedule and Bill Impacts M

## Niagara Peninsula Energy Inc.

### TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

### RESIDENTIAL SERVICE CLASSIFICATION

This class pertains to customers residing in detached, semi-detached or duplex dwelling units, where energy is single phase, 3 wire, 60 hertz, having a nominal voltage of 120/240 volts. Large residential services will include all service amp. Up to and including 400 amp., 120/240 volt, single phase, three wire. 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 of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be 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 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 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 market participant.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$
Smart Metering Entity Charge - effective until December 31, 2022	\$
Low Voltage Service Rate	\$/kWh
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until June 30, 2020	
Applicable only for Non-RPP Customers	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh
Retail Transmission Rate - Network Service Rate	\$/kWh
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Tariff Schedule and Bill Impacts M

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This class pertains to non-residential customers taking electricity at 750 volts or less whose monthly average peak less than, or forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$
Smart Metering Entity Charge - effective until December 31, 2022	\$
Distribution Volumetric Rate	\$/kWh
Low Voltage Service Rate	\$/kWh
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until June 30, 2020	
Applicable only for Non-RPP Customers	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh
Retail Transmission Rate - Network Service Rate	\$/kWh
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Tariff Schedule and Bill Impacts M

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

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

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be 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 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 Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the M RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded market participant.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-acc 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 that transitioned are to be charged or refunded their share of the variance disposed through customer specific billing. 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 applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers that transitioned are to be charged or refunded their share of the variance disposed through customer specific billing. 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 paid by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Service Rate	\$/kW
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until June 30, 2020 Applicable only for Non-RPP Customers	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW
Retail Transmission Rate - Network Service Rate	\$/kW
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW

### MONTHLY RATES AND CHARGES - Regulatory Component

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



Ontario Energy Board

# Tariff Schedule and Bill Impacts M

Rural or Remote Electricity Rate Protection Charge (RRRP)  
Standard Supply Service - Administrative Charge (if applicable)

\$/kWh  
\$



# Tariff Schedule and Bill Impacts M

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose average peak demand is less than, 50 kW and the consumption is unmetered. Such connections include cable TV power pack shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electricity demand/consumption of the proposed unmetered load. Class are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Condition

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be 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 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 Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the M RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded market participant.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$
Distribution Volumetric Rate	\$/kWh
Low Voltage Service Rate	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh
Retail Transmission Rate - Network Service Rate	\$/kWh
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Tariff Schedule and Bill Impacts M

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B is defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be 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 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 Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the M RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded market participant.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Service Rate	\$/kW
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW
Retail Transmission Rate - Network Service Rate	\$/kW
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Tariff Schedule and Bill Impacts M

## STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of T and private roadway lighting operation, controlled by photo cells. Street lighting profile is derived through the use of a "street lighting meter" that uses a street light control eye, consistent with the model type and product manufacturer currently in service in the Applicant's distribution area, to simulate the exact daily conditions that the typical street is exposed to. This simulated street light load is captured using an interval metering device, and is processed as part of the distributor's daily interval meter interrogation, validation and processing procedures. 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 of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be 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 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 Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded market participant.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Service Rate	\$/kW
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until June 30, 2020 Applicable only for Non-RPP Customers	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW
Retail Transmission Rate - Network Service Rate	\$/kW
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Tariff Schedule and Bill Impacts M

## microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System (microFIT) program and connected to the distributor's distribution system. Further servicing details are available in 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 of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be 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 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 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 paid by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge \$

### ALLOWANCES

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

### SPECIFIC SERVICE CHARGES

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be 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 paid by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the

#### Customer Administration

Returned cheque (plus bank charges) \$  
 Legal letter charge \$  
 Account set up charge/change of occupancy charge (plus credit agency costs if applicable) \$  
 Meter dispute charge plus Measurement Canada fees (if meter found correct) \$

#### Non-Payment of Account (see Note below)

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

#### Other



# Tariff Schedule and Bill Impacts M

Service call - customer owned equipment	\$
Service call - after regular hours	\$
Temporary service install & remove - overhead - no transformer	\$
Temporary service install & remove - underground - no transformer	\$
Temporary service install & remove - overhead - with transformer	\$
Specific charge for access to the power poles (with the exception of wireless attachments)	\$

## 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 of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be 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 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 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 paid by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the

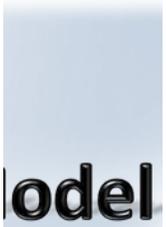
Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.

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

## LOSS FACTORS

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

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



**EB-2019-0054**

Applied single-  
rates from 201  
in accordance with

the Order of  
Application to the

as furnished  
by the  
Province of Ontario

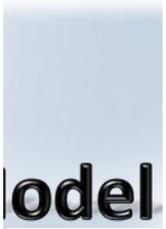
Regulated  
MONTHLY  
wholesale

to be invoiced  
with HST.

33.67  
0.57  
0.0005

0.0001  
0.0012  
0.0074  
0.0054

0.0030  
0.0004  
0.0005  
0.25



< demand is  
Further

e or Order of  
licable to the

or furnished  
d by the  
ie Ontario

Regulated  
MONTHLY  
d wholesale

be invoiced  
HST.

40.15  
0.57  
0.0146  
0.0004

0.0001  
0.0012  
0.0067  
0.0047

0.0030  
0.0004  
0.0005  
0.25



than, or  
d in

e or Order of  
licable to the

or furnished  
d by the  
ie Ontario

Regulated  
MONTHLY  
d wholesale

ount CBR  
nd Class B  
mers who  
djustments.  
rate rider is

ent is only  
A and Class  
stomers who  
djustments.  
rate rider is

be invoiced  
HST.

109.12  
3.5671  
0.1612

0.0001

0.0384  
0.4366  
2.7628  
1.9004

0.0030  
0.0004





han, or is  
ks, bus

B consumers  
is of Service.

e or Order of  
licable to the

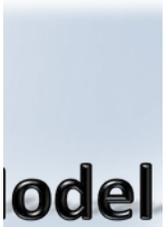
or furnished  
d by the  
ie Ontario

Regulated  
MONTHLY  
d wholesale

be invoiced  
HST.

20.73  
0.0144  
0.0004  
0.0012  
0.0067  
0.0047

0.0030  
0.0004  
0.0005  
0.25



umers are  
Service.

e or Order of  
licable to the

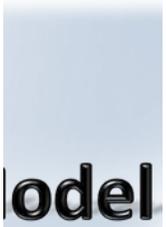
r furnished  
d by the  
ie Ontario

Regulated  
MONTHLY  
d wholesale

be invoiced  
HST.

18.03  
22.4995  
0.1347  
0.4079  
2.0455  
1.5881

0.0030  
0.0004  
0.0005  
0.25



transportation  
of a "virtual  
of devices  
light is  
t of the  
ed in

e or Order of  
licable to the

r furnished  
d by the  
ie Ontario

Regulated  
MONTHLY  
d wholesale

be invoiced  
HST.

1.27  
4.9783  
0.1239

0.0001  
0.4317  
2.0884  
1.4600

0.0030  
0.0004  
0.0005  
0.25



Operator's  
the

e or Order of  
licable to the

r furnished  
d by the  
ie Ontario

Regulated

be invoiced  
HST.

5.40

(0.60)  
(1.00)

e or Order of  
licable to the

city shall be  
Ontario

be invoiced  
HST.

20.00  
15.00  
30.00  
30.00

1.50  
65.00  
185.00  
185.00  
415.00



30.00  
165.00  
500.00  
300.00  
1,000.00  
44.50

e or Order of  
licable to the

or furnished  
d by the  
ie Ontario

Regulated

be invoiced  
HST.

electricity

102.00  
40.80  
1.02  
0.61  
**(0.61)**  
0.51  
1.02

no charge  
4.08  
2.04

emented upon

1.0479  
1.0374



Ontario Energy Board

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

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

Regulatory Charges			
Effective Date of Regulatory Charges		January 1, 2020	January 1, 2021
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	0.25

Time-of-Use RPP Prices		November 1, 2019
As of		
Off-Peak	\$/kWh	0.1010
Mid-Peak	\$/kWh	0.1440
On-Peak	\$/kWh	0.2080

Smart Meter Entity Charge (SME)	
Smart Meter Entity Charge (SME)	\$ 0.57

Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):	\$ 36.86
--	----------

### Miscellaneous Service Charges

Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	44.50	2.00%	45.39

Retail Service Charges		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	102.00		102
Monthly fixed charge, per retailer	\$	40.80		40.8
Monthly variable charge, per customer, per retailer	\$/cust.	1.02		1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61		0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	-0.61		-0.61
Service Transaction Requests (STR)				0
Request fee, per request, applied to the requesting party	\$	0.51		0.51
Processing fee, per request, applied to the requesting party	\$	1.02		1.02
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.08		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		2.04

\* inflation factor subject to change pending OEB approved inflation rate effective in 2021

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

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



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

In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the proposed rate rider cannot be found in the drop-down list, enter the rate rider description in the green cell provided in column A. The rate rider description must begin with "Rate Rider for". Please note that the following rates/charges are to be entered in the Final Tariff Schedule tab: Monthly Service Charge, Distribution Volumetric Rate and Retail Transmission Rates.

In column B, select the associated unit from the drop-down list.

In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.

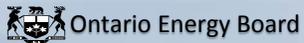
In column E, enter the expiry date (e.g. April 30, 2020) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).

In column G, choose the sub-total as applicable in the bill impact calculation from the drop-down list for any rate riders entered in the green cells. The sub-total will be populated for the rate riders selected in the blue cells.

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: December 31, 2021)	SUB-TOTAL
Rate Rider for Recovery of (year) Foregone Revenue	\$	0.62	- effective until	12/31/2021	A
Low Voltage Service Rate	\$/kWh	0.0014	- effective until	12/31/2021	B
Rate Rider for Disposition of Account 1576	\$	-0.09	- effective until	12/31/2021	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
Rate Rider for Disposition of Deferral/Variance Accounts-Group 2	\$	-0.20	- effective until	12/31/2021	A
Rate Rider for Disposition of Deferral/Variance Accounts -Group 1	\$/kWh	-0.0009	- effective until	12/31/2021	B
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: December 31, 2021)	SUB-TOTAL
Rate Rider for Disposition of Deferral/Variance Accounts	\$/kWh	-0.0012	- effective until	12/31/2021	B
Rate Rider for Disposition of Account 1576	\$/kWh	-0.0001	- effective until	12/31/2021	A
Rate Rider for Recovery of (year) Foregone Revenue	\$/kWh	0.0005	- effective until	12/31/2021	A
Low Voltage Service Rate	\$/kWh	0.0012	- effective until	12/31/2021	B
			- effective until		
			- effective until		
			- effective until		
			- effective until		
Rate Rider for Disposition of Account 1557	\$/kWh	0.0006	- effective until	12/31/2021	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: December 31, 2021)	SUB-TOTAL
Rate Rider for Disposition of Deferral/Variance Accounts	\$/kW	0.2243	- effective until	12/31/2021	B
Rate Rider for Disposition of Deferral/Variance Accounts Applicable only for Non-Wholesale Market	\$/kW	-0.6869	- effective until	12/31/2021	B
Rate Rider for Disposition of Account 1576	\$/kW	-0.0490	- effective until	12/31/2021	A
Rate Rider for Recovery of (year) Foregone Revenue	\$/kW	0.1555	- effective until	12/31/2021	A
Low Voltage Service Rate	\$/kW	0.4776	- effective until	12/31/2021	B



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

			- effective until		
			- effective until		
Rate Rider for Disposition of Account 1557	\$/kW	0.1206	- effective until	12/31/2021	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: December 31, 2021)	SUB-TOTAL
Rate Rider for Disposition of Deferral/Variance Accounts	\$/kWh	-0.0012	- effective until	12/31/2021	B
Rate Rider for Disposition of Account 1576	\$/kWh	-0.0001	- effective until	12/31/2021	A
Low Voltage Service Rate	\$/kWh	0.0012	- effective until	12/31/2021	B
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

SENTINEL LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: December 31, 2021)	SUB-TOTAL
Rate Rider for Disposition of Deferral/Variance Accounts	\$/kW	-0.3961	- effective until	12/31/2021	B
Rate Rider for Disposition of Account 1576	\$/kW	-0.0418	- effective until	12/31/2021	A
Low Voltage Service Rate	\$/kW	0.3991	- effective until	12/31/2021	B
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: December 31, 2021)	SUB-TOTAL
Rate Rider for Disposition of Deferral/Variance Accounts	\$/kW	-0.4215	- effective until	12/31/2021	B
Rate Rider for Disposition of Account 1576	\$/kW	-0.0444	- effective until	12/31/2021	A
Rate Rider for Recovery of (year) Foregone Revenue	\$/kW	7.6037	- effective until	12/31/2021	A
Low Voltage Service Rate	\$/kW	0.3669	- effective until	12/31/2021	B



1\_RESIDENTIAL SERVICE CLASSIFICATION\_FX\_F  
1\_RESIDENTIAL SERVICE CLASSIFICATION\_CBR  
1\_RESIDENTIAL SERVICE CLASSIFICATION\_FX\_F

1\_RESIDENTIAL SERVICE CLASSIFICATION\_FX\_F  
1\_RESIDENTIAL SERVICE CLASSIFICATION\_CBR

2\_GENERAL SERVICE LESS THAN 50 KW SERVICE  
2\_GENERAL SERVICE LESS THAN 50 KW SERVICE  
2\_GENERAL SERVICE LESS THAN 50 KW SERVICE  
2\_GENERAL SERVICE LESS THAN 50 KW SERVICE

2\_GENERAL SERVICE LESS THAN 50 KW SERVICE

3\_GENERAL SERVICE 50 to 4,999 kW SERVICE C  
3\_GENERAL SERVICE 50 to 4,999 kW SERVICE C

3\_GENERAL SERVICE 50 to 4,999 kW SERVICE C

4\_UNMETERED SCATTERED LOAD SERVICE CLA  
4\_UNMETERED SCATTERED LOAD SERVICE CLA  
4\_UNMETERED SCATTERED LOAD SERVICE CLA

5\_SENTINEL LIGHTING SERVICE CLASSIFICATIO  
5\_SENTINEL LIGHTING SERVICE CLASSIFICATIO  
5\_SENTINEL LIGHTING SERVICE CLASSIFICATIO

6\_STREET LIGHTING SERVICE CLASSIFICATION\_  
6\_STREET LIGHTING SERVICE CLASSIFICATION\_  
6\_STREET LIGHTING SERVICE CLASSIFICATION\_  
6\_STREET LIGHTING SERVICE CLASSIFICATION\_



RR\_1  
\_2  
RR\_3

RR\_8  
\_9

E CLASSIFICATION\_CBR\_1  
E CLASSIFICATION\_CBR\_2  
E CLASSIFICATION\_CBR\_3  
E CLASSIFICATION\_CBR\_4

E CLASSIFICATION\_CBR\_8

:LASSIFICATION\_CBR\_1  
:LASSIFICATION\_CBR\_2  
:LASSIFICATION\_CBR\_3  
:LASSIFICATION\_CBR\_4  
:LASSIFICATION\_CBR\_5

CLASSIFICATION\_CBR\_8

CLASSIFICATION\_CBR\_1  
CLASSIFICATION\_CBR\_2  
CLASSIFICATION\_CBR\_3

N\_CBR\_1  
N\_CBR\_2  
N\_CBR\_3

CBR\_1  
CBR\_2  
CBR\_3  
CBR\_4



**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

**RESIDENTIAL SERVICE CLASSIFICATION**

This class pertains to customers residing in detached, semi-detached or duplex dwelling units, where energy is supplied single-phase, 3 wire, 60 hertz, having a nominal voltage of 120/240 volts. Large residential services will include all services from 201 amp. Up to and including 400 amp., 120/240 volt, single phase, three wire. 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	\$	36.15
Rate Rider for Disposition of Deferral/Variance Accounts-Group 2 - effective until December 31, 2021	\$	(0.20)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$	(0.09)
Rate Rider for Recovery of (year) Foregone Revenue - effective until December 31, 2021	\$	0.62
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts -Group 1 - effective until December 31, 2021	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

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

This class pertains to non-residential customers taking electricity at 750 volts or less whose monthly average peak demand is less than, or 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	\$	43.11
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0157
Low Voltage Service Rate	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	\$/kWh	(0.0012)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$/kWh	(0.0001)
Rate Rider for Recovery of (year) Foregone Revenue - effective until December 31, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Account 1557 - effective until December 31, 2021	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

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

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

**APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of 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 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	\$	168.64
Distribution Volumetric Rate	\$/kW	3.6065
Low Voltage Service Rate	\$/kW	0.4776
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	0.0384
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.4366
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	\$/kW	0.2243

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

**EB-2020-0040**

Rate Rider for Disposition of Deferral/Variance Accounts Applicable only for Non-Wholesale Market Participants - effective until December 31, 2021	\$/kW	(0.6869)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$/kW	(0.0490)
Rate Rider for Recovery of (year) Foregone Revenue - effective until December 31, 2021	\$/kW	0.1555
Rate Rider for Disposition of Account 1557 - effective until December 31, 2021	\$/kW	0.1206

Retail Transmission Rate - Network Service Rate	\$/kW	2.6864
---	-------	--------

Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8247
--	-------	--------

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

**UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

This classification refers to an account taking electricity at 750 volts or less whose average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electricity 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 customer)	\$	21.14
Distribution Volumetric Rate	\$/kWh	0.0147
Low Voltage Service Rate	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	\$/kWh	(0.0012)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

**EB-2020-0040**

**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	\$	19.36
Distribution Volumetric Rate	\$/kW	24.1590
Low Voltage Service Rate	\$/kW	0.3991
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.4079
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	\$/kW	(0.3961)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$/kW	(0.0418)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9889
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5248

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

**STREET LIGHTING SERVICE CLASSIFICATION**

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. Street lighting profile is derived through the use of a “virtual street lighting meter” that uses a street light control eye, consistent with the model type and product manufacturer of devices currently in service in the Applicant’s distribution area, to simulate the exact daily conditions that the typical street light is exposed to. This simulated street light load is captured using an interval metering device, and is processed as part of the distributor’s daily interval meter interrogation, validation and processing procedures. 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)	\$	0.73
Distribution Volumetric Rate	\$/kW	2.9003
Low Voltage Service Rate	\$/kW	0.3669
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.4317
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	\$/kW	(0.4215)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$/kW	(0.0444)
Rate Rider for Recovery of (year) Foregone Revenue - effective until December 31, 2021	\$/kW	7.6037
Retail Transmission Rate - Network Service Rate	\$/kW	2.0306
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4018

**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

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0040

**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
----------------	----	------

**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)	\$	20.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

**Non-Payment of Account (see Note below)**

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
--	---	------

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

**EB-2020-0040**

Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

**Other**

Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles (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	\$	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**

**Niagara Peninsula Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

**EB-2020-0040**

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

1.0422

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

1.0317





Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 33.67	1	\$ 33.67	\$ 36.15	1	\$ 36.15	\$ 2.48	7.37%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.33	1	\$ 0.33	\$ 0.33	
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 33.67</b>			<b>\$ 36.48</b>	<b>\$ 2.81</b>	<b>8.35%</b>
Line Losses on Cost of Power	\$ 0.1276	36	\$ 4.58	\$ 0.1276	32	\$ 4.04	\$ (0.55)	-11.90%
Total Deferral/Variance Account Rate Riders	\$ 0.0012	750	\$ 0.90	\$ 0.0003	750	\$ 0.23	\$ (0.68)	-75.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0005	750	\$ 0.38	\$ 0.0014	750	\$ 1.05	\$ 0.68	180.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 40.10</b>			<b>\$ 42.36</b>	<b>\$ 2.26</b>	<b>5.65%</b>
RTSR - Network	\$ 0.0074	786	\$ 5.82	\$ 0.0072	782	\$ 5.63	\$ (0.19)	-3.23%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0054	786	\$ 4.24	\$ 0.0052	782	\$ 4.06	\$ (0.18)	-4.23%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 50.16</b>			<b>\$ 52.06</b>	<b>\$ 1.90</b>	<b>3.78%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	786	\$ 2.67	\$ 0.0034	782	\$ 2.66	\$ (0.01)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	786	\$ 0.39	\$ 0.0005	782	\$ 0.39	\$ (0.00)	-0.54%
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%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 149.15</b>			<b>\$ 151.03</b>	<b>\$ 1.88</b>	<b>1.26%</b>
HST	13%		\$ 19.39	13%		\$ 19.63	\$ 0.24	1.26%
Ontario Electricity Rebate	31.8%		\$ (47.43)	31.8%		\$ (48.03)	\$ (0.60)	
<b>Total Bill on TOU</b>			<b>\$ 121.11</b>			<b>\$ 122.64</b>	<b>\$ 1.53</b>	<b>1.26%</b>

In the manager's summary, discuss the reason

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0479		
Proposed/Approved Loss Factor	1.0422		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 40.15	1	\$ 40.15	\$ 43.11	1	\$ 43.11	\$ 2.96	7.37%
Distribution Volumetric Rate	\$ 0.0146	2000	\$ 29.20	\$ 0.0157	2000	\$ 31.40	\$ 2.20	7.53%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0010	2000	\$ 2.00	\$ 2.00	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 69.35</b>			<b>\$ 76.51</b>	<b>\$ 7.16</b>	<b>10.32%</b>
Line Losses on Cost of Power	\$ 0.1276	96	\$ 12.22	\$ 0.1276	84	\$ 10.77	\$ (1.45)	-11.90%
Total Deferral/Variance Account Rate Riders	\$ 0.0012	2,000	\$ 2.40	\$ -	2,000	\$ -	\$ (2.40)	-100.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0004	2,000	\$ 0.80	\$ 0.0012	2,000	\$ 2.40	\$ 1.60	200.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 85.34</b>			<b>\$ 90.25</b>	<b>\$ 4.91</b>	<b>5.75%</b>
RTSR - Network	\$ 0.0067	2,096	\$ 14.04	\$ 0.0065	2,084	\$ 13.55	\$ (0.49)	-3.51%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0047	2,096	\$ 9.85	\$ 0.0045	2,084	\$ 9.38	\$ (0.47)	-4.78%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 109.23</b>			<b>\$ 113.18</b>	<b>\$ 3.94</b>	<b>3.61%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,096	\$ 7.13	\$ 0.0034	2,084	\$ 7.09	\$ (0.04)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,096	\$ 1.05	\$ 0.0005	2,084	\$ 1.04	\$ (0.01)	-0.54%
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%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 372.80</b>			<b>\$ 376.69</b>	<b>\$ 3.90</b>	<b>1.05%</b>
HST	13%		\$ 48.46	13%		\$ 48.97	\$ 0.51	1.05%
Ontario Electricity Rebate	31.8%		\$ (118.55)	31.8%		\$ (119.79)	\$ (1.24)	
<b>Total Bill on TOU</b>			<b>\$ 302.71</b>			<b>\$ 305.88</b>	<b>\$ 3.16</b>	<b>1.05%</b>

In the manager's summary, discuss the reason

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	65,000	kWh
Demand	180	kW
Current Loss Factor	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 109.12	1	\$ 109.12	\$ 168.64	1	\$ 168.64	\$ 59.52	54.55%
Distribution Volumetric Rate	\$ 3.5671	180	\$ 642.08	\$ 3.6065	180	\$ 649.17	\$ 7.09	1.10%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	180	\$ -	\$ 0.2271	180	\$ 40.88	\$ 40.88	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 751.20</b>			<b>\$ 858.69</b>	<b>\$ 107.49</b>	<b>14.31%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.4750	180	\$ 85.50	\$ 0.0124	180	\$ 2.23	\$ (83.27)	-97.39%
CBR Class B Rate Riders	\$ -	180	\$ -	\$ -	180	\$ -	\$ -	
GA Rate Riders	\$ -	65,000	\$ -	\$ -	65,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.1612	180	\$ 29.02	\$ 0.4776	180	\$ 85.97	\$ 56.95	196.28%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	180	\$ -	\$ -	180	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 865.71</b>			<b>\$ 946.89</b>	<b>\$ 81.17</b>	<b>9.38%</b>
RTSR - Network	\$ 2.7628	180	\$ 497.30	\$ 2.6864	180	\$ 483.55	\$ (13.75)	-2.77%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9004	180	\$ 342.07	\$ 1.8247	180	\$ 328.45	\$ (13.63)	-3.98%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 1,705.09</b>			<b>\$ 1,758.89</b>	<b>\$ 53.80</b>	<b>3.16%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	68,114	\$ 231.59	\$ 0.0034	67,743	\$ 230.33	\$ (1.26)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	68,114	\$ 34.06	\$ 0.0005	67,743	\$ 33.87	\$ (0.19)	-0.54%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	44,274	\$ 4,471.65	\$ 0.1010	44,033	\$ 4,447.33	\$ (24.32)	-0.54%
TOU - Mid Peak	\$ 0.1440	11,579	\$ 1,667.42	\$ 0.1440	11,516	\$ 1,658.35	\$ (9.07)	-0.54%
TOU - On Peak	\$ 0.2080	12,260	\$ 2,550.17	\$ 0.2080	12,194	\$ 2,536.30	\$ (13.87)	-0.54%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 10,660.22</b>			<b>\$ 10,665.31</b>	<b>\$ 5.09</b>	<b>0.05%</b>
HST	13%		\$ 1,385.83	13%		\$ 1,386.49	\$ 0.66	0.05%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
<b>Total Bill on TOU</b>			<b>\$ 12,046.05</b>			<b>\$ 12,051.80</b>	<b>\$ 5.75</b>	<b>0.05%</b>

Customer Class:	<b>UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	250	kWh
Demand	-	kW
Current Loss Factor	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 20.73	1	\$ 20.73	\$ 21.14	1	\$ 21.14	\$ 0.41	1.98%
Distribution Volumetric Rate	\$ 0.0144	250	\$ 3.60	\$ 0.0147	250	\$ 3.68	\$ 0.07	2.08%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	250	\$ -	\$ (0.0001)	250	\$ (0.03)	\$ (0.03)	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 24.33</b>			<b>\$ 24.79</b>	<b>\$ 0.46</b>	<b>1.89%</b>
Line Losses on Cost of Power	\$ 0.1276	12	\$ 1.53	\$ 0.1276	11	\$ 1.35	\$ (0.18)	-11.90%
Total Deferral/Variance Account Rate Riders	\$ 0.0012	250	\$ 0.30	\$ -	250	\$ -	\$ (0.30)	-100.00%
CBR Class B Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	
GA Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0004	250	\$ 0.10	\$ 0.0012	250	\$ 0.30	\$ 0.20	200.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 26.26</b>			<b>\$ 26.44</b>	<b>\$ 0.18</b>	<b>0.68%</b>
RTSR - Network	\$ 0.0067	262	\$ 1.76	\$ 0.0065	261	\$ 1.69	\$ (0.06)	-3.51%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0047	262	\$ 1.23	\$ 0.0045	261	\$ 1.17	\$ (0.06)	-4.78%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 29.24</b>			<b>\$ 29.30</b>	<b>\$ 0.06</b>	<b>0.20%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	262	\$ 0.89	\$ 0.0034	261	\$ 0.89	\$ (0.00)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	262	\$ 0.13	\$ 0.0005	261	\$ 0.13	\$ (0.00)	-0.54%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	163	\$ 16.41	\$ 0.1010	163	\$ 16.41	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	43	\$ 6.12	\$ 0.1440	43	\$ 6.12	\$ -	0.00%
TOU - On Peak	\$ 0.2080	45	\$ 9.36	\$ 0.2080	45	\$ 9.36	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 62.41</b>			<b>\$ 62.46</b>	<b>\$ 0.05</b>	<b>0.08%</b>
HST	13%		\$ 8.11	13%		\$ 8.12	\$ 0.01	0.08%
Ontario Electricity Rebate	31.8%		\$ (19.85)	31.8%		\$ (19.86)	\$ (0.02)	
<b>Total Bill on TOU</b>			<b>\$ 50.68</b>			<b>\$ 50.72</b>	<b>\$ 0.04</b>	<b>0.08%</b>

In the manager's summary, discuss the reason

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	44	kWh
Demand	0	kW
Current Loss Factor	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.03	1	\$ 18.03	\$ 19.36	1	\$ 19.36	\$ 1.33	7.38%
Distribution Volumetric Rate	\$ 22.4995	0.12	\$ 2.70	\$ 24.1590	0.12	\$ 2.90	\$ 0.20	7.38%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0.12	\$ -	\$ (0.0418)	0.12	\$ (0.01)	\$ (0.01)	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 20.73</b>			<b>\$ 22.25</b>	<b>\$ 1.52</b>	<b>7.35%</b>
Line Losses on Cost of Power	\$ 0.1276	2	\$ 0.27	\$ 0.1276	2	\$ 0.24	\$ (0.03)	-11.90%
Total Deferral/Variance Account Rate Riders	\$ 0.4079	0	\$ 0.05	\$ 0.0118	0	\$ 0.00	\$ (0.05)	-97.11%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
GA Rate Riders	\$ -	44	\$ -	\$ -	44	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.1347	0	\$ 0.02	\$ 0.3991	0	\$ 0.05	\$ 0.03	196.29%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 21.06</b>			<b>\$ 22.54</b>	<b>\$ 1.48</b>	<b>7.01%</b>
RTSR - Network	\$ 2.0455	0	\$ 0.25	\$ 1.9889	0	\$ 0.24	\$ (0.01)	-2.77%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.5881	0	\$ 0.19	\$ 1.5248	0	\$ 0.18	\$ (0.01)	-3.99%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 21.50</b>			<b>\$ 22.96</b>	<b>\$ 1.46</b>	<b>6.80%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	46	\$ 0.16	\$ 0.0034	46	\$ 0.16	\$ (0.00)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	46	\$ 0.02	\$ 0.0005	46	\$ 0.02	\$ (0.00)	-0.54%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	29	\$ 2.89	\$ 0.1010	29	\$ 2.89	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	7	\$ 1.08	\$ 0.1440	7	\$ 1.08	\$ -	0.00%
TOU - On Peak	\$ 0.2080	8	\$ 1.65	\$ 0.2080	8	\$ 1.65	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 27.54</b>			<b>\$ 29.00</b>	<b>\$ 1.46</b>	<b>5.30%</b>
HST	13%		\$ 3.58	13%		\$ 3.77	\$ 0.19	5.30%
Ontario Electricity Rebate	31.8%		\$ (8.76)	31.8%		\$ (9.22)	\$ (0.46)	
<b>Total Bill on TOU</b>			<b>\$ 22.36</b>			<b>\$ 23.55</b>	<b>\$ 1.19</b>	<b>5.30%</b>

Customer Class:	<b>STREET LIGHTING SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	50	kWh
Demand	0	kW
Current Loss Factor	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.27	1	\$ 1.27	\$ 0.73	1	\$ 0.73	\$ (0.54)	-42.52%
Distribution Volumetric Rate	\$ 4.9783	0.13	\$ 0.65	\$ 2.9003	0.13	\$ 0.38	\$ (0.27)	-41.74%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	0.13	\$ -	\$ 7.5593	0.13	\$ 0.98	\$ 0.98	-
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 1.92</b>			<b>\$ 2.09</b>	<b>\$ 0.17</b>	<b>9.00%</b>
Line Losses on Cost of Power	\$ 0.1276	2	\$ 0.31	\$ 0.1276	2	\$ 0.27	\$ (0.04)	-11.90%
Total Deferral/Variance Account Rate Riders	\$ 0.4317	0	\$ 0.06	\$ 0.0102	0	\$ 0.00	\$ (0.05)	-97.64%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
GA Rate Riders	\$ -	50	\$ -	\$ -	50	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.1239	0	\$ 0.02	\$ 0.3669	0	\$ 0.05	\$ 0.03	196.13%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 2.29</b>			<b>\$ 2.41</b>	<b>\$ 0.11</b>	<b>4.92%</b>
RTSR - Network	\$ 2.0884	0	\$ 0.27	\$ 2.0306	0	\$ 0.26	\$ (0.01)	-2.77%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.4600	0	\$ 0.19	\$ 1.4018	0	\$ 0.18	\$ (0.01)	-3.99%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 2.76</b>			<b>\$ 2.85</b>	<b>\$ 0.10</b>	<b>3.55%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	52	\$ 0.18	\$ 0.0034	52	\$ 0.18	\$ (0.00)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	52	\$ 0.03	\$ 0.0005	52	\$ 0.03	\$ (0.00)	-0.54%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	33	\$ 3.28	\$ 0.1010	33	\$ 3.28	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	9	\$ 1.22	\$ 0.1440	9	\$ 1.22	\$ -	0.00%
TOU - On Peak	\$ 0.2080	9	\$ 1.87	\$ 0.2080	9	\$ 1.87	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 9.59</b>			<b>\$ 9.69</b>	<b>\$ 0.10</b>	<b>1.01%</b>
HST	13%		\$ 1.25	13%		\$ 1.26	\$ 0.01	1.01%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	-
<b>Total Bill on TOU</b>			<b>\$ 10.84</b>			<b>\$ 10.95</b>	<b>\$ 0.11</b>	<b>1.01%</b>

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 33.67	1	\$ 33.67	\$ 36.15	1	\$ 36.15	\$ 2.48	7.37%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.33	1	\$ 0.33	\$ 0.33	
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 33.67</b>			<b>\$ 36.48</b>	<b>\$ 2.81</b>	<b>8.35%</b>
Line Losses on Cost of Power	\$ 0.1101	36	\$ 3.96	\$ 0.1101	32	\$ 3.48	\$ (0.47)	-11.90%
Total Deferral/Variance Account Rate Riders	\$ 0.0012	750	\$ 0.90	\$ 0.0003	750	\$ 0.23	\$ (0.68)	-75.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0005	750	\$ 0.38	\$ 0.0014	750	\$ 1.05	\$ 0.68	180.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 39.47</b>			<b>\$ 41.81</b>	<b>\$ 2.34</b>	<b>5.93%</b>
RTSR - Network	\$ 0.0074	786	\$ 5.82	\$ 0.0072	782	\$ 5.63	\$ (0.19)	-3.23%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0054	786	\$ 4.24	\$ 0.0052	782	\$ 4.06	\$ (0.18)	-4.23%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 49.53</b>			<b>\$ 51.50</b>	<b>\$ 1.97</b>	<b>3.98%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	786	\$ 2.67	\$ 0.0034	782	\$ 2.66	\$ (0.01)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	786	\$ 0.39	\$ 0.0005	782	\$ 0.39	\$ (0.00)	-0.54%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 135.17</b>			<b>\$ 137.13</b>	<b>\$ 1.96</b>	<b>1.45%</b>
HST	13%		\$ 17.57	13%		\$ 17.83	\$ 0.25	1.45%
Ontario Electricity Rebate	31.8%		\$ (42.98)	31.8%		\$ (43.61)	\$ (0.63)	-1.45%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 109.76</b>			<b>\$ 111.35</b>	<b>\$ 1.59</b>	<b>1.45%</b>

In the manager's summary, discuss the reason

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	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 40.15	1	\$ 40.15	\$ 43.11	1	\$ 43.11	\$ 2.96	7.37%
Distribution Volumetric Rate	\$ 0.0146	2000	\$ 29.20	\$ 0.0157	2000	\$ 31.40	\$ 2.20	7.53%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0010	2000	\$ 2.00	\$ 2.00	-
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 69.35</b>			<b>\$ 76.51</b>	<b>\$ 7.16</b>	<b>10.32%</b>
Line Losses on Cost of Power	\$ 0.1101	96	\$ 10.55	\$ 0.1101	84	\$ 9.29	\$ (1.26)	-11.90%
Total Deferral/Variance Account Rate Riders	\$ 0.0012	2,000	\$ 2.40	\$ -	2,000	\$ -	\$ (2.40)	-100.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0004	2,000	\$ 0.80	\$ 0.0012	2,000	\$ 2.40	\$ 1.60	200.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders		2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 83.67</b>			<b>\$ 88.77</b>	<b>\$ 5.10</b>	<b>6.10%</b>
RTSR - Network	\$ 0.0067	2,096	\$ 14.04	\$ 0.0065	2,084	\$ 13.55	\$ (0.49)	-3.51%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0047	2,096	\$ 9.85	\$ 0.0045	2,084	\$ 9.38	\$ (0.47)	-4.78%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 107.56</b>			<b>\$ 111.70</b>	<b>\$ 4.14</b>	<b>3.85%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,096	\$ 7.13	\$ 0.0034	2,084	\$ 7.09	\$ (0.04)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,096	\$ 1.05	\$ 0.0005	2,084	\$ 1.04	\$ (0.01)	-0.54%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 335.93</b>			<b>\$ 340.03</b>	<b>\$ 4.10</b>	<b>1.22%</b>
HST	13%		\$ 43.67	13%		\$ 44.20	\$ 0.53	1.22%
Ontario Electricity Rebate	31.8%		\$ (106.83)	31.8%		\$ (108.13)	\$ (1.30)	-1.22%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 272.78</b>			<b>\$ 276.10</b>	<b>\$ 3.33</b>	<b>1.22%</b>

In the manager's summary, discuss the reason

Customer Class:	<b>GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	65,000	kWh
Demand	180	kW
Current Loss Factor	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 109.12	1	\$ 109.12	\$ 168.64	1	\$ 168.64	\$ 59.52	54.55%
Distribution Volumetric Rate	\$ 3.5671	180	\$ 642.08	\$ 3.6065	180	\$ 649.17	\$ 7.09	1.10%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	180	\$ -	\$ 0.2271	180	\$ 40.88	\$ 40.88	-
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 751.20</b>			<b>\$ 858.69</b>	<b>\$ 107.49</b>	<b>14.31%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ 0.4750	180	\$ 85.50	\$ 0.0124	180	\$ 2.23	\$ (83.27)	-97.39%
CBR Class B Rate Riders	\$ -	180	\$ -	\$ -	180	\$ -	\$ -	-
GA Rate Riders	\$ -	65,000	\$ -	\$ -	65,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.1612	180	\$ 29.02	\$ 0.4776	180	\$ 85.97	\$ 56.95	196.28%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	180	\$ -	\$ -	180	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 865.71</b>			<b>\$ 946.89</b>	<b>\$ 81.17</b>	<b>9.38%</b>
RTSR - Network	\$ 2.7628	180	\$ 497.30	\$ 2.6864	180	\$ 483.55	\$ (13.75)	-2.77%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9004	180	\$ 342.07	\$ 1.8247	180	\$ 328.45	\$ (13.63)	-3.98%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 1,705.09</b>			<b>\$ 1,758.89</b>	<b>\$ 53.80</b>	<b>3.16%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	68,114	\$ 231.59	\$ 0.0034	67,743	\$ 230.33	\$ (1.26)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	68,114	\$ 34.06	\$ 0.0005	67,743	\$ 33.87	\$ (0.19)	-0.54%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	68,114	\$ 7,499.30	\$ 0.1101	67,743	\$ 7,458.50	\$ (40.79)	-0.54%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 9,470.28</b>			<b>\$ 9,481.84</b>	<b>\$ 11.56</b>	<b>0.12%</b>
HST	13%		\$ 1,231.14	13%		\$ 1,232.64	\$ 1.50	0.12%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	-
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 10,701.42</b>			<b>\$ 10,714.48</b>	<b>\$ 13.06</b>	<b>0.12%</b>

Customer Class:	<b>UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	250	kWh
Demand	-	kW
Current Loss Factor	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 20.73	1	\$ 20.73	\$ 21.14	1	\$ 21.14	\$ 0.41	1.98%
Distribution Volumetric Rate	\$ 0.0144	250	\$ 3.60	\$ 0.0147	250	\$ 3.68	\$ 0.07	2.08%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	250	\$ -	\$ (0.0001)	250	\$ (0.03)	\$ (0.03)	-
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 24.33</b>			<b>\$ 24.79</b>	<b>\$ 0.46</b>	<b>1.89%</b>
Line Losses on Cost of Power	\$ 0.1101	12	\$ 1.32	\$ 0.1101	11	\$ 1.16	\$ (0.16)	-11.90%
Total Deferral/Variance Account Rate Riders	\$ 0.0012	250	\$ 0.30	\$ -	250	\$ -	\$ (0.30)	-100.00%
CBR Class B Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	-
GA Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0004	250	\$ 0.10	\$ 0.0012	250	\$ 0.30	\$ 0.20	200.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 26.05</b>			<b>\$ 26.25</b>	<b>\$ 0.20</b>	<b>0.78%</b>
RTSR - Network	\$ 0.0067	262	\$ 1.76	\$ 0.0065	261	\$ 1.69	\$ (0.06)	-3.51%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0047	262	\$ 1.23	\$ 0.0045	261	\$ 1.17	\$ (0.06)	-4.78%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 29.03</b>			<b>\$ 29.12</b>	<b>\$ 0.08</b>	<b>0.28%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	262	\$ 0.89	\$ 0.0034	261	\$ 0.89	\$ (0.00)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	262	\$ 0.13	\$ 0.0005	261	\$ 0.13	\$ (0.00)	-0.54%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	250	\$ 27.53	\$ 0.1101	250	\$ 27.53	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 57.83</b>			<b>\$ 57.91</b>	<b>\$ 0.08</b>	<b>0.13%</b>
HST	13%		\$ 7.52	13%		\$ 7.53	\$ 0.01	0.13%
Ontario Electricity Rebate	31.8%		\$ (18.39)	31.8%		\$ (18.41)	\$ (0.02)	-0.13%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 46.96</b>			<b>\$ 47.02</b>	<b>\$ 0.06</b>	<b>0.13%</b>

In the manager's summary, discuss the reason

Customer Class:	<b>SENTINEL LIGHTING SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	44	kWh
Demand	0	kW
Current Loss Factor	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.03	1	\$ 18.03	\$ 19.36	1	\$ 19.36	\$ 1.33	7.38%
Distribution Volumetric Rate	\$ 22.4995	0.12	\$ 2.70	\$ 24.1590	0.12	\$ 2.90	\$ 0.20	7.38%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	0.12	\$ -	\$ (0.0418)	0.12	\$ (0.01)	\$ (0.01)	-
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 20.73</b>			<b>\$ 22.25</b>	<b>\$ 1.52</b>	<b>7.35%</b>
Line Losses on Cost of Power	\$ 0.1101	2	\$ 0.23	\$ 0.1101	2	\$ 0.20	\$ (0.03)	-11.90%
Total Deferral/Variance Account Rate Riders	\$ 0.4079	0	\$ 0.05	\$ 0.0118	0	\$ 0.00	\$ (0.05)	-97.11%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
GA Rate Riders	\$ -	44	\$ -	\$ -	44	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.1347	0	\$ 0.02	\$ 0.3991	0	\$ 0.05	\$ 0.03	196.29%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 21.03</b>			<b>\$ 22.51</b>	<b>\$ 1.48</b>	<b>7.04%</b>
RTSR - Network	\$ 2.0455	0	\$ 0.25	\$ 1.9889	0	\$ 0.24	\$ (0.01)	-2.77%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.5881	0	\$ 0.19	\$ 1.5248	0	\$ 0.18	\$ (0.01)	-3.99%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 21.46</b>			<b>\$ 22.93</b>	<b>\$ 1.47</b>	<b>6.83%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	46	\$ 0.16	\$ 0.0034	46	\$ 0.16	\$ (0.00)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	46	\$ 0.02	\$ 0.0005	46	\$ 0.02	\$ (0.00)	-0.54%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	44	\$ 4.84	\$ 0.1101	44	\$ 4.84	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 26.74</b>			<b>\$ 28.20</b>	<b>\$ 1.47</b>	<b>5.48%</b>
HST	13%		\$ 3.48	13%		\$ 3.67	\$ 0.19	5.48%
Ontario Electricity Rebate	31.8%		\$ (8.50)	31.8%		\$ (8.97)	\$ (0.47)	-5.52%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 21.71</b>			<b>\$ 22.90</b>	<b>\$ 1.19</b>	<b>5.48%</b>

Customer Class:	<b>STREET LIGHTING SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	50	kWh
Demand	0	kW
Current Loss Factor	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.27	1	\$ 1.27	\$ 0.73	1	\$ 0.73	\$ (0.54)	-42.52%
Distribution Volumetric Rate	\$ 4.9783	0.13	\$ 0.65	\$ 2.9003	0.13	\$ 0.38	\$ (0.27)	-41.74%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	0.13	\$ -	\$ 7.5593	0.13	\$ 0.98	\$ 0.98	-
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 1.92</b>			<b>\$ 2.09</b>	<b>\$ 0.17</b>	<b>9.00%</b>
Line Losses on Cost of Power	\$ 0.1101	2	\$ 0.26	\$ 0.1101	2	\$ 0.23	\$ (0.03)	-11.90%
Total Deferral/Variance Account Rate Riders	\$ 0.4317	0	\$ 0.06	\$ 0.0102	0	\$ 0.00	\$ (0.05)	-97.64%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
GA Rate Riders	\$ -	50	\$ -	\$ -	50	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.1239	0	\$ 0.02	\$ 0.3669	0	\$ 0.05	\$ 0.03	196.13%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 2.25</b>			<b>\$ 2.37</b>	<b>\$ 0.12</b>	<b>5.24%</b>
RTSR - Network	\$ 2.0884	0	\$ 0.27	\$ 2.0306	0	\$ 0.26	\$ (0.01)	-2.77%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.4600	0	\$ 0.19	\$ 1.4018	0	\$ 0.18	\$ (0.01)	-3.99%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 2.71</b>			<b>\$ 2.82</b>	<b>\$ 0.10</b>	<b>3.79%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	52	\$ 0.18	\$ 0.0034	52	\$ 0.18	\$ (0.00)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	52	\$ 0.03	\$ 0.0005	52	\$ 0.03	\$ (0.00)	-0.54%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	50	\$ 5.51	\$ 0.1101	50	\$ 5.51	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 8.67</b>			<b>\$ 8.78</b>	<b>\$ 0.10</b>	<b>1.17%</b>
HST	13%		\$ 1.13	13%		\$ 1.14	\$ 0.01	1.17%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	-
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 9.80</b>			<b>\$ 9.92</b>	<b>\$ 0.12</b>	<b>1.17%</b>

Customer Class:	<b>GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	65,000	kWh
Demand	180	kW
Current Loss Factor	1.0479	
Proposed/Approved Loss Factor	1.0422	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 109.12	1	\$ 109.12	\$ 168.64	1	\$ 168.64	\$ 59.52	54.55%
Distribution Volumetric Rate	\$ 3.5671	180	\$ 642.08	\$ 3.6065	180	\$ 649.17	\$ 7.09	1.10%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	180	\$ -	\$ 0.2271	180	\$ 40.88	\$ 40.88	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 751.20</b>			<b>\$ 858.69</b>	<b>\$ 107.49</b>	<b>14.31%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.4750	180	\$ 85.50	\$ 0.0124	180	\$ 2.23	\$ (83.27)	-97.39%
CBR Class B Rate Riders	\$ -	180	\$ -	\$ -	180	\$ -	\$ -	
GA Rate Riders	\$ -	65,000	\$ -	\$ -	65,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.1612	180	\$ 29.02	\$ 0.4776	180	\$ 85.97	\$ 56.95	196.28%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	180	\$ -	\$ -	180	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 865.71</b>			<b>\$ 946.89</b>	<b>\$ 81.17</b>	<b>9.38%</b>
RTSR - Network	\$ 2.7628	180	\$ 497.30	\$ 2.6864	180	\$ 483.55	\$ (13.75)	-2.77%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9004	180	\$ 342.07	\$ 1.8247	180	\$ 328.45	\$ (13.63)	-3.98%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 1,705.09</b>			<b>\$ 1,758.89</b>	<b>\$ 53.80</b>	<b>3.16%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	68,114	\$ 231.59	\$ 0.0034	67,743	\$ 230.33	\$ (1.26)	-0.54%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	68,114	\$ 34.06	\$ 0.0005	67,743	\$ 33.87	\$ (0.19)	-0.54%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	68,114	\$ 7,499.30	\$ 0.1101	67,743	\$ 7,458.50	\$ (40.79)	-0.54%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 9,470.03</b>			<b>\$ 9,481.59</b>	<b>\$ 11.56</b>	<b>0.12%</b>
HST	13%		\$ 1,231.10	13%		\$ 1,232.61	\$ 1.50	0.12%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 10,701.13</b>			<b>\$ 10,714.19</b>	<b>\$ 13.06</b>	<b>0.12%</b>