

EXHIBIT 8 RATE DESIGN

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Exhibit 8: Rate Design

Tab 1 (of 5): Rate Design Overview

1	FIXED/VARIABLE PROPORTION
2	8.1 Rate Design Overview
3	
4	This Exhibit documents the calculation of NPEI's proposed distribution rates by rate
5	class for the 2021 Test Year, based on the rate design as proposed in this Exhibit.
6	
7	NPEI has determined its total service revenue requirement to be \$37,840,675. The total
8	revenue offsets in the amount of \$2,971,337 reduce NPEI's total service revenue
9	requirement to a base revenue requirement of \$34,869,338 which is used to determine
10	the proposed distribution rates.
11	
12	The base revenue requirement is derived from NPEI's capital and operating spending
13	forecasts, weather normalized usage, forecasted customer counts, calculated PILS and
14	regulated return on rate base. The revenue requirement is summarized in Table 8.1-1
15	below:
16	
17	Table 8.1-1 – Base Revenue Requirement
18	
	2021

	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

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

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

5 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

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10 8.1.1 Fixed/Variable Proportion

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12 8.1.1.1 Current Fixed/Variable Proportion

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

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Table 8.1.1.1-1 – Current Split Fixed/Variable

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	2021	2021	2021		
	Fixed Base	Variable Base	Total Base		
	Revenue with	Revenue with	Revenue with	Fixed	Variable
Rate Class	2020	2020	2020	Revenue	Revenue
	Approved	Approved	Approved	Portion	Portion
	Rates	Rates	Rates		
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

5 8.1.1.2 – Proposed Split Fixed/Variable

6 The fixed revenue at proposed rates is determined by applying the 2021 NPEI proposed 7 monthly service charges to the forecasted number of customers. The variable revenue 8 at proposed rates is calculated by applying the 2021 proposed distribution volumetric 9 charge, excluding rate riders and the transformer allowance, to the forecasted volumes. 10 This information is used to determine the proposed split between fixed and variable 11 distribution revenues by rate class for NPEI, which is outlined in Table 8.1.1.2-1.

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Table 8.1.1.2-1 Proposed Split Fixed/Variable

	2021	2021	2021		
	Fixed Base	Variable Base	Total Base		
	Revenue with	Revenue with	Revenue with	Fixed	Variable
Rate Class	2021	2021	2021	Revenue	Revenue
	Proposed	Proposed	Proposed	Portion	Portion
	Rates	Rates	Rates		
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 the exception of the GS > 50 Kw rate class. As part of the settlement process in the 4 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:

- Status Quo 15% fixed; 85% variable
- 13 Included in Draft Plan 21% fixed; 79% variable
- 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
- Higher Fixed Distribution Charge 1 in favour
- 21

NPEI is proposing a fixed/variable split of 21.63% fixed and 78.37% variable as
calculated in the 2021 Cost Allocation model using the Minimum System with PLCC
Adjustment similar to the 2015 Cost of Service rate application and consistent with the
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);

Kenora Hydro Electric Corporation Ltd – 2011 Cost of Service Application (EB-20100135).

8

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

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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

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

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Table 8.1.1.3-1 Proposed Monthly Service Charge

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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		

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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.

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Table 8.1.1.3-2 – Monthly Service Charge Comparison

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	Current	Proposed	Minimum System
	2020	2021	with PLCC
Rate Class	Fixed Monthly	Fixed Monthly	Adjustment (from
	Service Charge	Service Charge	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*

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 variable13 distribution charges for the 2021 Test Year.

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

16

Rate Class	Total Base Revenue Reguirement	Variable Revenue	Variable Revenue	Annualized kWh or kW	Unit of Measure	Proposed Distribution Volumetric
Nale Class	Requirement	Proportion	Revenue	UT KW	Measure	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			

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19 8.1.1.5 – Transformer Allowance

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Currently, NPEI provides a Transformer Allowance to those customers that own their transformation facilities. NPEI proposes to maintain the current approved transformer ownership allowance of \$0.60 per kW. The Transformer Allowance is intended to reflect the costs to a distributor of providing step down transformation facilities to the customer's utilization voltage level. Since the distributor provides electricity at utilization voltage, the cost of this transformation is captured in and recovered through the 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.

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16 8.1.1.6 – Proposed Distribution Rates

17

The following Table 8.1.1.6-1 sets out NPEI's proposed electricity distribution rates based on the foregoing calculations, including adjustments for the recovery of transformer allowance. These rates are consistent with those calculated in Sheet 13 of the Revenue Requirement Work Form that has been filed in live Excel format (EB-2020-0040_NPEI_Appl_Rev_Reqt_Workform_20200430). The monthly fixed service charge has been rounded to two (2) decimal places and the monthly distribution volumetric charge has been rounded to four (4) decimal places in Table 8.1.1.6-1 below.

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Table 8.1.1.6-1 – Proposed Distribution Rates

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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

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- 6 8.1.1.7 Standby Charge
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- 8 NPEI currently does not have a Standby Charge and NPEI is not proposing a Standby9 Charge in this Application.

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12 8.1.1.8 – Revenue Reconciliation

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- 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

1 2

Number of Proposed Rates Customers/ Customers/ Test Year Consumption/ Connections Connections Monthly Transformer Proposed Revenue Difference Rate Class Demand Fixed Variable Average kWh kW Service Volumetric Revenue Allowance Revenues Requirement Revenue Charge kWh kW Customers \$36.15 Residential 51,935 454,614,210 Λ 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 810 1,775,257 \$168.64 3.6065 1,639,203 6,402,464 (464.279) 7,577,388 7,577,389 1 Customers 325 Sentinel Lighting Connections 653 \$19.36 24.159 75,613 15,776 91,389 81,628 (9,761) Unmetered Scattered Load Customers 283 \$21.14 0.0147 71,913 21,779.72 104,329 10,637 1,481,614 93,692 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)

Table 8.1.1.8-1 – Revenue Reconciliation

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Exhibit 8: Rate Design

Tab 2 (of 5): Rate Design Policy

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1

RATE DESIGN POLICY

- 2 8.2 Rate Design Policy Overview
- 3

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

10

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

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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

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

9

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

14

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

18

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

- 22
- January 2019 June 2019: 2019 Interim UTRs (EB-2018-0329)
- July 2019 December 2019: 2019 Final UTRs (EB-2019-0164)
- January December 2020: 2020 Interim UTRs (EB-2019-0296)
- January June 2019: Hydro One RTSRs for the Sub-Transmission Class (EB-2016-0081)
- July December 2019: Hydro One RTSRs for the Sub-Transmission Class (EB-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	

Table 8.3.1.1 – Proposed RTSR Network Rates

		2020 RTSR	Proposed 2021		
Class	Unit	Network	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%

Class	Unit	2020 RTSR Connection	Proposed 2021 RTSR Connection	Variance	Variance %
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%

Table 8.3.1.2 – Proposed RTSR Connection Rates

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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.

1	RETAIL SERVICE CHARGE
2	8.3.2 Retail Service Charge
3	
4	On November 28, 2018 the OEB issued its Report of the Ontario Energy Board Energy
5	Retailer Service Charges ("the Report") (EB-2015-0304).
6	
7	The Report indicated that Retailer Service Charges ("RSCs") were established by the
8	OEB in 2002 with the opening of the competitive electricity market, and have not been
9	updated since then. As a result, revenues collected from energy retailers covered less
10	than half the costs incurred to provide service. This under recovery of costs meant that
11	ratepayers were cross-subsidizing energy retailers. The Report established that new
12	RSCs would be set by the OEB, effective May 1, 2019, which would be double the
13	existing RSCs.
14	
15	Further, the Report indicated that the OEB would implement an adjustment mechanism
16	for the RSCs, commencing January 1, 2020, based on the OEB's inflation factor.
17	
18	On February 14, 2019, the OEB issued its Decision and Order: In the Matter of Energy
19	Retailer Service Charges Effective May 1, 2019 (EB-2015-0304), approving the new
20	RSCs proposed in the Report.
21	On Nevershan 20, 2010, the OED issued its Desiring and Order in the Matter of the
22	On November 28, 2019, the OEB issued its Decision and Order in the Matter of the
23 24	Inflationary Adjustment Effective January 1, 2020 for Energy Retailer Service Charges
24 25	for <i>Electricity Distributors</i> , which approved updated RSCs based on the OEB's inflation factor of 2.0% for 2020.
25 26	
20 27	Table 8.3.2.1 below the current OEB-approved RSCs for 2020.
28	
29	

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-consilidated 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 distriutor 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

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

2 3

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 rebasing, the balances will be disposed of and the RCVAs will be eliminated."

13

NPEI currently records retailer revenues and costs in the RCVA accounts. In accordance
with the EB-2015-0304, NPEI will discontinue use of the RCVA accounts effective
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 1 2 8.3.3 Regulatory Charges 3 4 On December 17, 2019, the OEB issued its Decision and Order in the matter of 5 regulatory charges effective January 1, 2020, for the Wholesale Market Services rate 6 and Rural or Remote Electricity Rate Protection Charge (EB-2019-0278), in which the 7 Board ordered: 8 9 1. The Wholesale Market Services ("WMS") rate used by rate-regulated distributors 10 to bill their customers, effective January 1, 2020, is \$0.0030 per kWh. For Class 11 B customers, a Capacity Based Recovery ("CBR") component of \$0.0004 per 12 kWh shall be added to the WMS rate. For Class A customers, distributors shall 13 bill the actual CBR costs to Class A customer in proportion to their contribution to 14 peak. 15 2. The Rural or Remote Electricity Rate Protection ("RRRP") charge used by rate-16 regulated distributors to bill their customers, effective January 1, 2020, is \$0.0005 17 per kWh. 18 19 NPEI has incorporated the Board-approved 2020 regulatory charges in the current 20 application. 21 22 NPEI proposes that its 2021 Tariff of Rates and Charges be updated to reflect the 2021 23 approved rates when the OEB issues its decision on 2021 Regulatory Charges. 24 25 The Standard Supply Service ("SSS") Charge is set by the OEB as an administrative fee 26 payable by customers who purchase electricity directly from their distributor. NPEI 27 proposes to continue current generic SSS charge of \$0.25 per customer per month. 28 Further details of SSS revenue are provided in Exhibit 3.3.1.

MICROFIT SERVICE CHARGE 1 2 8.3.4 Microfit Service Charge 3 4 Section 2.7.1.1 of the Filing Requirements states: 5 "The OEB does not expect a distributor to include MicroFIT as a separate class in the 6 cost allocation model beginning in 2017. The OEB established a generic rate which can 7 be adopted. The OEB has reviewed the generic rate for the 2019 rate year and will not 8 change the current MicroFIT rate. If an applicant believes that it has unique 9 circumstances which would justify a different rate it must file appropriate documentation 10 to support such a rate." 11 12 NPEI's current Tariff of Rates and Charges from its 2020 IRM Rate Application (EB-13 2019-0054), issued December 12, 2019, includes a generic MicroFIT monthly service 14 charge of \$5.40. 15 16 On February 24, 2020, the OEB issued a letter to all licensed distributors Review of 17 Fixed Monthly Charge for MicroFIT Generator Service Classification which established a 18 new generic monthly charge of \$4.55. 19 20 The letter indicates: "Distributors that have already received final rate orders for 2020 21 where the MicroFIT charge is based on the previously-approved province-wide rate 22 should adopt the updated charge in their next annual rate application." 23 24 Accordingly, NPEI has incorporated the updated MicroFIT service charge of \$4.55 per 25 month in this current application effective January 1, 2021.

1	SMART METER ENTITY CHARGE
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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

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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
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Specific Service Charge	Amount
Customer Administration	
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
Non-Payment of Account	
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
Other	
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

WIRELINE POLE ATTACHMENT CHARGE

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8.3.7 Wireline Pole Attachment Charge

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On March 22, 2018, the OEB issued the *Report on Wireline Pole Attachment Charges*,
which set the province-wide wireline pole attachment charge at \$28.09 per pole per year
effective September 1, 2018 to December 31, 2018, increasing to \$43.63 per pole per
year effective January 1, 2019. The pole attachment charge will be adjusted annually
based on the OEB's inflation factor commencing on January 1, 2020.

9

10 The province-wide pole attachment charge is applicable to all LDCs that have not 11 received OEB approved for a distributor-specific pole attachment charge. As NPEI does 12 not have an OEB-approved distributor-specific pole attachment charge, the province-13 wide pole attachment charge is applicable to NPEI.

14

On July 20, 2018, the OEB issued its Accounting Guidance on Wireline Pole Attachment Charges. The Guidance states: "Because the increase in the pole attachment charge will result in LDCs earning revenue above what is reflected in their current distribution rates, the excess incremental revenue will need to be recorded in a new variance account related to pole attachment charges, with the accumulated balance ultimately being refunded to ratepayers in the LDCs next cost-based rate application."

"Once an LDC has had the new pole attachment charge incorporated into a cost based
rate application, the variance account will no longer be required and must be closed after
disposition of the last amounts have been tracked."

24

Commencing September 1, 2018, NPEI has recorded its incremental pole attachment
revenue in Account 1508 – Sub Account – Pole Attachment Revenue. In this current
application, NPEI is proposing disposition of the Account 1508 – Sub Account – Pole
Attachment Revenue balances that accumulated in 2018, 2019 and forecast 2020.
Further details on the variance account are provided in Exhibit 9.

- Beginning in 2021, in accordance with the Accounting Guidance, NPEI will no longer
 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

2 8.3.8 Low Voltage Service Rates

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

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Table 8.3.8.1 –	Proposed LV	Service Rates
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		2015 Approved	Proposed 2021 LV		
Class	Unit	LV Rate	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%

8 9

10 NPEI's Board-approved LV rates were last updated in NPEI's 2015 COS Rate 11 Application (EB-2014-0096). The proposed increase in NPEI's LV rates are partly due to 12 increases in Hydro One Networks Inc.'s ("Hydro One's") approved rates for its Sub-13 Transmission rate class since NPEI's last COS application.

14

15 Another factor contributing to the proposed increase in LV rates is that, in 2016, the OEB 16 approved an Embedded Distributor rate class for Grimsby Power Inc. ("GPI") which 17 applies to NPEI. Prior to 2015, NPEI was a customer of Niagara West Transformation 18 Corporation ("NWTC"), a licensed transmitter. NWTC had a Board-approved 19 Transformation Connection Transmission rate of \$1.77/kW. NPEI recorded the charges 20 from NWTC in Account 4716 – Charges Connection. In the EB-2014-0344 Decision and 21 Order, issued March 26, 2015, the Board approved the amalgamation of GPI and 22 NWTC, and deemed the NWTC transmission assets to be GPI distribution assets. The 23 Board also approved GPI to continue to charge NPEI the NWTC transmission rate of 24 \$1.77/kW until GPI's next rebasing.

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

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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

								2020 Bridge	e 2021 Test
		Host Distributor	2015	2016	2017	2018	2019	Year	Year
	Hydr	o One Networks Inc.	1,000,679	1,086,132	967,102	889,932	1,166,344	1,481,37	4 1,504,767
	Grim	sby Power Inc.	-	132,874	383,372	439,113	495,040	522,37	8 530,375
14	Total	LV Costs	1,000,679	1,219,007	1,350,474	1,329,045	1,661,384	2,003,75	2 2,035,142
15									
16									
17	Year-over-year variances for NPEI's LV costs are provided below.								
		-			•				
18									
19		Та	ble 8.3.8.3	3 – 2016 Ac	tual vs. 20	15 Actua	l		
		Host Distribut	or	2015	2016	Varia	nce \$ Var	iance %	

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

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

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

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

10

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

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- 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

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

23

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

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

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

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

18

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

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- 26

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%
Total	2,003,752	2,035,142	31,390	1.6%

Table 8.3.8.8 – 2021 Test Year vs. 2020 Bridge Year

2 3

1

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

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- 7

8	Charge Determinants
-	

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

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Table 8.3.8.9 – Details of 2017 GPI LV Charges

15

				Distribution	
Month		GPI Gross	Volumetric	Volumetric	Total LV
2017	Service Charge	kW	Rate	Charge	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
Total	195,120.84			188,250.99	383,371.83

Table 8.3.8.10 – Details of 2017 Hydro One LV Charges

								HVDS - High	HVDS - High		LVDS -	
Month		Service	Total Service	Common St	Common ST	Common ST	HVDS - High	Voltage	Voltage	LVDS - Low	Low	LVDS - Low
2017	# of Services	Charge Rate	Charge	Lines kW	Lines Rate	Lines Charge	Voltage kW	Rate	Charge	kW	Rate	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		S										
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
Total			59,106.00			341,562.41			357,485.62			74,630.56

Month	Specific ST	Specific ST	Specific ST Lines	Meter	Rate Rider #14A	Rate Rider	Rate Rider #14A	Rate Rider	Rate Rider	Rate Rider #14B	Service Charge Rate Rider	Service Charge Rate Rider #16	
2017	Lines kM	Lines Rate	Charge	Charge	kW	#14A Rate	Charge	#14B kW	#14B Rate	Charge	#16 Rate	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 - Co	rrect 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
Total			1,268.16	(18,094.73)			150,374.40			(653.97)		1,423.20	967,101.65

				Distribution					
Month	Service	GPI Gross	Volumetric	Volumetric	Total LV				
2018	Charge	kW	Rate	Charge	Charge				
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				
Total	197,169.60			241,943.05	439,112.65				

Table 8.3.8.11 – Details of 2018 GPI LV Charges

						Common ST		HVDS - High	HVDS - High
Month		Service	Total Service	Common St	Common ST	Lines	HVDS - High	Voltage	Voltage
2018	# of Services	Charge Rate	Charge	Lines kW	Lines Rate	Charge	Voltage kW	Rate	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
Total			59,106.00			349,489.34			387,254.89

Table 8.3.8.12 – Details of 2018 Hydro One LV Charges

						Specific ST		
	LVDS - Low	LVDS - Low	LVDS - Low	Specific ST	Specific ST	Lines	Meter	Total LV
Month 2018	kW	Rate	Charge	Lines kM	Lines Rate	Charge	Charge	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
Total			83,645.56			1,268.16	9,168.12	889,932.08

				Distribution				
Month	Service	GPI Gross	Volumetric	Volumetric		Rate Rider per	Rate Rider	Total LV
2019	Charge	kW	Rate	Charge	GPI Net kW	kW	Charge	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
Total	199,831.44			235,871.55			59,337.17	495,040.16

Table 8.3.8.13 – Details of 2019 GPI LV Charges

								HVDS - High	HVDS - High		LVDS -	
Month	# of	Service	Total Service	Common St	Common ST	Common ST	HVDS - High	Voltage	Voltage	LVDS - Low	Low	LVDS - Low
2019	Services	Charge Rate	Charge	Lines kW	Lines Rate	Lines Charge	Voltage kW	Rate	Charge	kW	Rate	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
Total			62,341.20			391,769.43			401,024.02			81,162.41

Table 8.3.8.14 – Details of 2019 Hydro One LV Charges

			Specific ST					Rate			Service Charge	Charge Rate	
Month	Specific ST	Specific ST	Lines	Meter	Rate Rider	Rate Rider	Rate Rider	Rider	Rate Rider	Rate Rider	Rate Rider #22	Rider #22	Total LV
2019	Lines kM	Lines Rate	Charge	Charge	#23A kW	#23A Rate	#23A Charge	#23B kW	#23B Rate	#23B Charge	Rate	Charge	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
Total			1,009.11	8,010.78			221,187.41			(944.45)		784.20	1,166,344.11

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	
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29 20	
30 31	
31 32	
32	

Charge Type	2020	2021
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
Total Forecast LV Costs	522,377.64	530,375.21

Table 8.3.8.15 – Forecast GPI LV Charges

Table 8.3.8.16 – Forecast Hydro One LV Charges

Charge Type	2020	2021
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)
Total Forecast LV Costs	1,481,374.39	1,504,767.12

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	

Table 8.3.8.17 – 2021 Forecast Transmission Connection Revenue by Rate Class

		2021 Proposed RTSR	2021 Load Forecast (kW or loss adjusted	2021 Forecast Tranmission Connection	
Rate Class	Unit	Connection Rate	kWh)	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%
Total				6,347,534	100.0%

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

Table 8.3.8.18 – Calculation of Proposed LV Service Charge Rates

	Proposed	Proposed			
	LV Cost	LV Cost		2021 Load Forecast	Proposed LV
	Allocation	Allocated		(kW or non-loss	Service
Rate Class	%	Amount	Unit	adjusted kWh)	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
Total	100.0%	1,661,384			

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Exhibit 8: Rate Design

Tab 4 (of 5): Loss Adjustment Factors

1	LOSS ADJUSTMENT FACTORS
2	8.4.1 Loss Adjustment Factors
3	
4	NPEI is partially embedded within Hydro One Networks Inc.'s and Grimsby Power Inc.'s
5	distribution systems.
6	
7	NPEI has calculated its proposed loss factors for the 2021 Test Year based on the most
8	recent 5 years of historical data. The proposed loss factor calculations are shown in
9	Table 8.4.1.1 below.
10	
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26	
27	

ltem	Description	2015	2016	2017	2018	2019	5-Year Average
	"Wholesale" kWh delivered to distributor						
A(1)	(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
	"Wholesale" kWh delivered to distributor						
A(2)	(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
	Portion of "Wholesale" kWh delivered to						
В	distributor for its Large Use Customer(s)	-	-	-	-	-	-
	Net "Wholesale" kWh delivered to distributor						
С	= 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
	Portion of "Retail" kWh delivered by						
E	distributor to its Large Use Customer(s)	-	-	-	-	-	-
F	Net "Retail" kWh delivered by distributor = D -	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
н	Supply Facilities Loss Factor	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045
1	Total Loss Factor = G x H	1.0447	1.0418	1.0425	1.0424	1.0397	1.0422

Table 8.4.1.1 – Proposed Loss Adjustment Factors

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 recentl	y 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 Transfor	rmer Losses of
10	(1.00%). Accordingly, requests approval for the following proposed los	ss factors and
11	primary metering allowance:	
12		
13	2021 Test Year Proposed Loss Factors and Primary Metering Allowar	ice
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 propos	sed 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 f	five years, and
21	actions planned to reduce losses going forward. As NPEI's proposed d	istribution 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 Appen	ndix 8-3 to this
25	Exhibit	

25 Exhibit.

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Exhibit 8: Rate Design

Tab 5 (of 5): Rates and Bill Impacts

1

TARIFF OF RATES AND CHARGES

- 2
- 3

8.5.1 Tariff of Rates and Charges

4 The current Tariff of Rates and Charges at the time of filing this COS rate application 5 was based on the current Board Approved 2020 IRM rate order dated December 12, 6 2019. On April 16, 2020, the Board issued its letter Re: Approach to Incentive Rate-7 setting Decisions for May 1, 2020 Rates, which provided the option for distributors to 8 postpone the changes in rates to November 1, 2020, due to the uncertainty regarding 9 the severity and duration of the COVID-19 pandemic. NPEI notified the OEB in writing 10 on April 22, 2020, that NPEI will postpone the implementation of its May 1, 2020 rates to 11 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 12 13 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 14 15 Tariff of Rates and Charges.

16

17 NPEI has prepared the proposed 2021 Tariff of Rates and Charges consistent with the 18 current definition of rate classes and the current Terms and Conditions of Service that 19 have been maintained in this Application. For the proposed Tariff of Rates and Charges, 20 refer to Appendix 8-5. The proposed Tariff of Rates and Charges is also included in the 21 Board model "2021 Tariff Schedule and Bill Impact Model" which is filed as a live 22 Excel file (EB-2020-0040_NPEI_Appl_2021_Tariff_Schedule_and_Bill_Impact_Model_20200831) 23 and in Appendix 8-6 which contains а PDF version of the 24 2021_Tariff_Schedule_and_Bill_Impact_Model.

25

26 The micro-Fit Service Classification monthly service charge was updated to \$4.55 per 27 month as per the OEB's letter dated February 24, 2020, Re: Review of Fixed Monthly 28 Charge for microFIT Generator Service Classification OEB File Numbers EB-2009-0326 29 and EB-2010-0219.

NPEI updated the Tariff of Rates and Charges with the proposed Retail Transmission
 Rates for Network Service and Line and Transformation Connection Service rates as
 described in Section 8.3.1 and NPEI's proposed Total Loss Factor as described in
 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 20, 2021 date.

9

10 The OEB's model "2021_Tariff_Schedule_and_Bill_Impact_Model" pre-populates the 11 current tariff of rate and charges for NPEI. Due to the Vary Order authorizing NPEI to 12 implement the May 1, 2020 rates on November 1, 2020, the effective until date should 13 be October 31, 2021. This correction to NPEI's final Tariff of Rates and Charges will 14 need to be made during the draft rate order process of this COS rate application filing. 15

1

BILL IMPACT INFORMATION

2 8.5.2 Bill Impact Information

3

4 Table 8.5.2.1-1 below presents NPEI's distribution rate and total bill impacts by level of 5 consumption by customer per rate class. Impacts are shown using the applicable 6 current approved rates (effective May 1, 2020) and the proposed NPEI rates for 7 distribution, including Rate Riders for the recovery of Deferral and Variance accounts 8 discussed in Exhibit 9. The rate impacts are assessed on the basis of moving to the 9 proposed distribution rates. The table also illustrates the bill impacts for RPP customers, 10 non-RPP customers with retailers and non-RPP customers using the average IESO 11 Wholesale Market Price. For non-RPP customers with retailers, an average contract 12 price in April 2020 for NPEI customers is 0.1492. The average IESO Wholesale Market 13 Price used was 0.12703/ kWh as described in Table 3.1.6.1 in Exhibit 3. The average 14 wholesale market price is per the RPP Price Report, issued by the Board October 22, 15 2019 for commodity prices between November 1, 2019 and October 31, 2020.

16

17 LDC's in the province were directed by the Board to assess the bill impacts for a 18 residential customer at the 10th consumption percentile during the transitioning of moving 19 the residential rate class to fully fixed rates. Effective May 1, 2019, NPEI completed the 20 transitioning to fully fixed rates for the residential rate class. Therefore, bill impacts for a 21 residential customer at the 10th consumption percentile is not required as part of this 22 COS rate application.

23

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 26 2021_Tariff_Schedule_and_Bill_Impact_Model.

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- 30

Table 8.5.2.1-1 – Distribution and Total Bill Impact

•	
/	

KPP										
	Consumption/		Subto	tal A	Subtot	al B	Subtot	al C	Total I	Bill
Class	Demand	Units	\$	%	\$	%	\$	%	\$	%
Residential	750	kWh	2.88	8.55%	2.33	5.82%	1.97	3.92%	1.58	1.31%
GS<50 kWh	2000	kWh	7.16	10.32%	5.11	5.98%	4.14	3.79%	3.33	1.10%
GS>50 KWh	180	kW	107.49	14.31%	87.22	10.08%	59.84	3.51%	12.58	0.10%
Unmetered Scattered Load	250	kWh	0.46	1.89%	0.2	0.77%	0.08	0.28%	0.06	0.12%
Sentinel Lighting	0.12	kW	1.52	7.35%	1.48	7.03%	1.47	6.82%	1.19	5.32%
Street Lighting	0.13	kW	0.18	9.40%	0.12	5.44%	0.11	3.99%	0.12	1.13%

non-RPP (Retailer)

ססס

	Consumption/		Subtot	al A	Subtot	al B	Subtot	al C	Total I	Bill
Class	Demand	Units	\$	%	\$	%	\$	%	\$	%
Residential	750	kWh	2.88	8.55%	2.41	6.10%	2.04	4.12%	1.64	1.50%
GS<50 kWh	2000	kWh	7.16	10.32%	4.86	5.56%	3.9	3.50%	3.13	0.92%
GS>50 KWh	180	kW	107.49	14.31%	87.22	10.08%	59.84	3.51%	3.53	0.03%

non-RPP (Other)

	Consumption/		Subto	al A	Subtot	al B	Subtot	al C	Total I	Bill
Class	Demand	Units	\$	%	\$	%	\$	%	\$	%
GS>50 KWh	180	kW	107.49	14.31%	87.22	10.08%	59.84	3.51%	12.81	0.11%
Sentinel Lighting	0.12	kW	1.52	7.35%	1.48	7.06%	1.47	6.85%	1.19	5.32%
Street Lighting	0.13	kW	0.18	9.40%	0.13	5.45%	0.11	3.99%	0.12	1.14%

3 4

5 NPEI has used 750 kWh as the typical usage for a residential customer which is 6 consistent with the filing guidelines for 2021 Cost of Service applications.

7

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

10

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RATE MITIGATION

2 8.5.3.1 Rate Mitigation

1

3

6

7 8

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

Table 8.5.3.1-1 Total Bill Impact

	Total Bill		
Class	\$	%	
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)

	Total E	Bill
Class	\$	%
Residential	1.64	1.50%
GS<50 kWh	3.13	0.92%
GS>50 KWh	3.53	0.03%

non-RPP (Other)

	Total Bill		
Class	\$	%	
GS>50 KWh	12.81	0.11%	
Sentinel Lighting	1.19	5.32%	
Street Lighting	0.12	1.14%	

9 10

...

11

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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	

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

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 R	esidenti	ial Class
Customers		51,935
kWh		454,614,210
Proposed Residential Class Specific Revenue Requirement ¹	\$	22,531,540.39
Desidential Dass Paters on Am		.144
Residential Base Rates on Cur	rent I a	ritt
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%
TOTAL	-	-	\$ 20,983,817.40	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years ²	0			
	st Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Y	econciliation - Test ear Base Rates @ Current F/V Split
Fixed	\$ 22,531,540.39	36.15	\$	22,529,403.00
Variable	\$ -	0	\$	-
TOTAL	\$ 22,531,540.39	-	\$	22,529,403.00

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

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

Notes:

- ¹ 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).
- ² 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.
- ³ Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

Revenue Requirement Workform (RRWF) for 2020 Filers

Rate Design and Revenue Reconciliation

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

Stage in Process:			Initial Application		Cla	ss Allocated Reve	nues					Di	stribution Rates				Revenue Reconciliati	on
	Customer and Lo	oad Forecast				1. Cost Allocation sidential Rate Des			iable Splits ² be entered as a									
Customer Class	Volumetric Charge Determinant	Customers / Connections	kWh	kW or kVA	Total Class Revenue Requirement	Monthly Service Charge	Volumetric	Fixed	Variable	Transformer Ownership Allowance ¹ (\$)	Monthly : Rate	ervice Charge No. of decimals	Vol Rate		e No. of decimals	MSC Revenues	Volumetric revenues	Distribution Revenues le Transforme Ownership
Residential General Service < 50 KW General Service > 50 KW Ummetered Scattered Load Sentinel Streetlight	KWh KWh KW KWh KW KW	51,935 4,541 810 325 2283 13,634 - - - - - - - - - - - - - - - - - - -	454,614,210 131,961,769 654,096,014 1,481,614 218,614 218,614 - - - - - - - - - - - - - - - - - - -	- 1,775,257 - 12,545 - - - - - - - - - - - - - - - - - -	\$ 22,531,540 \$ 4,417,972 \$ 7,577,389 \$ 104,329 \$ 81,629 \$ 156,479	\$ 22,531,540 \$ 2,349,225 \$ 1,639,203 \$ 82,570 \$ 66,852 \$ 120,097	\$ \$ 2,068,47 \$ 5,338,186 \$ 21,579 \$ 15,776 \$ 36,383	100.00% 53.17% 21.63% 79.14% 80.67% 76.75%	0.00% 46.83% 78.37% 19.33% 23.25%	\$ - \$ - \$ 464,279	\$33 \$4: \$16 \$2: \$15 \$15 \$15 \$15	.11 .64 .14	\$0.0000 \$0.0157 \$3.6065 \$0.0147 \$24.157 \$2.9003	/KWh /KWh /KW /KW /KW /KW	4	\$22,529,403.00 \$2,249,150.18 \$1,639,160.80 \$65,652.42 \$119,432.81 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ 2,071,799.7806 \$ 2,071,799.7806 \$ 6,402,464.3927 \$ 2,1779.7194 \$ 15,776,137 \$ 3,6362,8134 \$ - \$ 5,	\$22,529,403 \$4,420,949 \$7,577,386 \$104,345 \$104,345 \$155,815 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
							т	otal Transformer Ow	nership Allowance	\$ 464,279						Total Distribution R	evenues	\$34,869,508
tes:													Rates recover	revenue requi		Base Revenue Requ Difference	uirement	\$34,869,338 \$170
Transformer Ownership Allowance is	entered as a positive a	amount, and only fo	r those classes to w	hich it applies.												% Difference		0.00

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

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Appendix 8-2 2020 RTSR Work Form

v 1.0

A Ontario Energy Board

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.

v 1.0

2020 RTSR Workform for Electricity Distributors

<u>1. Info</u>

2. Table of Contents

3. RRR Data

4. UTRs and Sub-Transmission

5. Historical Wholesale

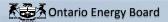
6. Current Wholesale

7. Forecast Wholesale

8. RTSR Rates to Forecast

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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 eg: (1.0325)	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

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Uniform Transmission Rates	Unit	2019 1-June 30)	2019 (July 1 - Dec. 31)		2020		2021
Rate Description		Rat	e		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 1-June 30)	2019 (July 1 - Dec. 31)		2020		2021
Rate Description		Rat	e		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
ff needed, add extra host here. (I)	Unit	2019 1-June 30)	2019 (July 1 - Dec. 31)		2020		2021
Rate Description		Rat	e	-	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
ff needed, add extra host here. (II)	Unit	2019 1-June 30)	2019 (July 1 - Dec. 31)		2020		2021
Rate Description		Rat		•	Rate		Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-
		Historica	al 2019	Cu	rrent 2020	Fore	ecast 2021
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$						

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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 Subtransmission 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.

January February 134,440 \$3.7100 498,772 144,427 \$0.9400 132,941 115,064 \$2 10,032 April 110,361 \$3.7100 497,375 122,384 \$0.9400 122,384 \$0.9400 122,384 \$0.9400 126,844 \$0.9400 100,326 \$2 92,306 \$2 92,407	tion Co Rate 1.7493 1.7493 1.7493 1.7493 1.7493 1.7493 1.7493 1.9755 1.9755	00 258,93 00 248,66 00 248,77 00 207,66 00 234,72 00 203,67 00 303,82 00 303,82 00 303,82 00 303,82 00 325,67 00 2268,44 00 235,11 00 246,72 28 3,192,03 Connection 33 \$ 46,81 33 \$ 44,97 33 \$ 42,94 33 \$ 42,94 33 \$ 42,94 33 \$ 42,94 33 \$ 42,94 33 \$ 42,94 33 \$ 42,94 33 \$ 42,94 33 \$ 42,94 33 \$ 42,94 33 \$ 42,95 35 \$ 54,61 55 \$ 54,61 55 \$ 52,32,85	9 \$ \$ 0 9 \$ 0 9 \$ 0 9 \$ 0 9 \$ 0 9 \$ 0 9 \$ 1 \$ 3 3 \$ 1 \$ 3 3 \$ 5 5 \$ 5 6 6 \$ \$ 5 5 5 6 6 \$ \$ 5 5 5 5	Amount 391,880 375,538 355,025 313,470 322,386 460,703 541,628 494,087 444,675 354,906 374,061 4,834,404 0tal Connection Amount 82,848 79,499 72,974 73,600 68,659
Pebruary 134,067 83,7100 447,375 134,367 90,4000 122,844 90,4000 126,846 90,4000 126,846 90,4000 126,846 90,4000 126,846 90,4000 126,846 90,4000 126,846 90,4000 126,846 90,4000 126,846 90,4000 126,846 90,4000 126,846 90,4000 126,846 90,4000 126,846 93,4000 126,846 93,4000 126,846 93,4000 126,847 93,4000 126,847 93,4000 126,847 93,4000 126,857 93,4000 126,857 93,4000 126,857 93,4000 126,857 93,4000 126,857 93,9000 137,456 117,232 93,820 93,9000 137,456 117,232 93,8200 147,272 93,9000 137,456 117,232 93,9000 137,456 117,232 93,9000 137,456 117,232 93,9000 137,456 117,232 93,9000 137,456 117,232 93,9000 137,456 117,232 93,9000 137,456 117,232 <t< th=""><th>2.2500 2.2500 2.2500 2.2500 2.2500 2.2500 2.2000 2.30000 2.30000 2.30000 2.30000 2.30000 2.30000 2.30000000000</th><th>00 248,66 00 234,72 00 234,72 00 234,72 00 230,82 00 303,82 00 303,82 00 325,67 00 223,07 00 268,42 00 268,42 00 235,11 00 246,75 228 \$ 3,192,00 Connection 33 33 \$ 46,81 33 \$ 46,81 33 \$ 44,92 33 \$ 44,94 33 \$ 44,94 33 \$ 44,94 33 \$ 44,95 33 \$ 44,97 33 \$ 44,97 33 \$ 44,96 35 \$ 54,61 55 \$ 52,38</th><th>7 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</th><th>375,538 355,025 313,470 322,386 460,703 541,628 494,087 444,675 406,045 354,906 374,061 4,834,404 otal Connection Amount 82,848 79,499 72,974 73,600</th></t<>	2.2500 2.2500 2.2500 2.2500 2.2500 2.2500 2.2000 2.30000 2.30000 2.30000 2.30000 2.30000 2.30000 2.30000000000	00 248,66 00 234,72 00 234,72 00 234,72 00 230,82 00 303,82 00 303,82 00 325,67 00 223,07 00 268,42 00 268,42 00 235,11 00 246,75 228 \$ 3,192,00 Connection 33 33 \$ 46,81 33 \$ 46,81 33 \$ 44,92 33 \$ 44,94 33 \$ 44,94 33 \$ 44,94 33 \$ 44,95 33 \$ 44,97 33 \$ 44,97 33 \$ 44,96 35 \$ 54,61 55 \$ 52,38	7 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	375,538 355,025 313,470 322,386 460,703 541,628 494,087 444,675 406,045 354,906 374,061 4,834,404 otal Connection Amount 82,848 79,499 72,974 73,600
February 194,067 83,7100 4473,716 194,804 90,4400 122,844 90,4400 122,844 90,4400 126,844 101,0320 52 May 101,334 83,7100 440,851 112,2844 80,4400 106,086 92,306 50,4400 50,4400 50,4400 50,4400 50,4400 50,4400 50,4400 50,4400 50,4400 50,4400 50,4400 50,4400 50,4400 50,4500 114,321 50,4600 114,321 50,4600 117,421 50,4500 117,421 50,4600 117,421 50,4600 117,421 50,4600 117,421 50,4600 117,422 50,4600 117,421 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 117,422 50,4600 <td>2.2500 2.2500 2.2500 2.2500 2.2500 2.2500 2.2000 2.30000 2.30000 2.30000 2.30000 2.30000 2.30000 2.30000000000</td> <td>00 248,66 00 234,72 00 234,72 00 234,72 00 230,82 00 303,82 00 303,82 00 325,67 00 223,07 00 268,42 00 268,42 00 235,11 00 246,75 228 \$ 3,192,00 Connection 33 33 \$ 46,81 33 \$ 46,81 33 \$ 44,92 33 \$ 44,94 33 \$ 44,94 33 \$ 44,94 33 \$ 44,95 33 \$ 44,97 33 \$ 44,97 33 \$ 44,96 35 \$ 54,61 55 \$ 52,38</td> <td>7 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td> <td>375,538 355,025 313,470 322,386 460,703 541,628 494,087 444,675 406,045 354,906 374,061 4,834,404 otal Connection Amount 82,848 79,499 72,974 73,600</td>	2.2500 2.2500 2.2500 2.2500 2.2500 2.2500 2.2000 2.30000 2.30000 2.30000 2.30000 2.30000 2.30000 2.30000000000	00 248,66 00 234,72 00 234,72 00 234,72 00 230,82 00 303,82 00 303,82 00 325,67 00 223,07 00 268,42 00 268,42 00 235,11 00 246,75 228 \$ 3,192,00 Connection 33 33 \$ 46,81 33 \$ 46,81 33 \$ 44,92 33 \$ 44,94 33 \$ 44,94 33 \$ 44,94 33 \$ 44,95 33 \$ 44,97 33 \$ 44,97 33 \$ 44,96 35 \$ 54,61 55 \$ 52,38	7 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	375,538 355,025 313,470 322,386 460,703 541,628 494,087 444,675 406,045 354,906 374,061 4,834,404 otal Connection Amount 82,848 79,499 72,974 73,600
March 127,866 53,7100 473,716 127,384 50,3400 120,572 104,320 52,720 May 101,134 53,7100 375,297 116,649 50,3400 108,086 94,800 52 June 166,837 50,3400 156,877 30,3400 156,887 103,627 30,3400 156,887 156,877 30,3400 156,887 156,887 156,887 30,3400 156,887 166,887 166,887 166,887 166,887 166,887 116,733 5 167,823 5 166,775 5 16,22,491 1,422,492 5 166,775 102,2245 5 16,775 5 1,422,997 1,422,997 1,422,997 1,422,997 1,422,997 1,422,997 1,422,997	2.2500 2.2500 2.2500 2.2500 2.30000 2.30000 2.30000 2.30000 2.30000 2.30000000000	00 234,72 00 207,66 00 213,30 00 303,82 00 305,77 00 325,67 00 223,07 00 225,11 00 243,07 246,75 246,75 28 \$ 3,192,03 Connection 33 \$ 46,81 33 \$ 44,97 33 \$ 44,93 33 \$ 44,93 33 \$ 44,96 33 \$ 44,97 33 \$ 42,94 33 \$ 44,95 33 \$ 42,94 33 \$ 42,95 33 \$ 42,94 33 \$ 42,94 33 \$ 42,95 34 \$ 40,01 35 \$ 54,61 55 \$ 54,62	0 \$ 9 \$ 9 \$ 1 \$ 3 \$ 1 \$ 3 \$ 5 \$ 6 \$ 5 \$ 6 \$ 5 \$ 7 \$ 3 \$ 4 \$ 4 \$	355,025 313,470 322,386 460,703 541,628 494,087 444,675 406,045 354,906 374,061 4,834,404 0tal Connection Amount 82,848 79,499 72,974 73,600
April 110,391 33.7100 409,251 112,234 30.9400 105,722 122,235 52 June 101,338 33.7100 598,770 166,677 50.9400 156,864 135,040 52 June 116,338 33.7100 598,770 166,677 50.9400 156,864 135,040 52 August 173,258 53.8300 565,000 115,1241 141,577 52 Soptember 129,231 53.8300 598,000 117,578 116,773 52 October 129,231 53.8300 466,080 124,722 50 50 117,273 51 1102,221 52 52 50 117,27463 5 0.96 5 1,642,369 1.442,017 5 Hydro One Network Line Connection Tanal 1.673,585 1.642,369 1.422,017 5 1.422,017 5 1.422,017 5 1.422,017 5 1.422,017 5 1.422,017 5 1.422,017 5 1.422,017 5 1.422,017 5 1.422,017 5 1.4	2.2500 2.2500 2.3000 2.7493 2.7495 2.	00 213,30 00 303,82 01 303,82 00 355,75 00 225,67 00 228,07 00 228,11 00 226,44 00 228,11 00 226,44 00 228,11 00 246,75 Connection 33 40,81 33 44,96 33 44,96 33 42,94 33 42,94 33 42,94 33 42,94 33 42,94 33 42,94 33 40,01 33 41,57 55 52,38 54,615 52,38	0 \$ 9 \$ 3 \$ 3 \$ 5 \$ 6 \$ 6 \$ 7 \$ 7 \$ 3 \$ 4 \$ 6 \$ 5 \$ 7 \$ 3 \$ 4 \$ 4 \$	322,386 460,703 541,628 494,087 444,675 354,906 374,061 4,834,404 otal Connection Amount 82,848 79,499 72,974 73,600
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Öctober November 133,241 \$3,3300 529,463 143,291 \$50,9600 137,593 116,733 \$5 102,284 November 121,412 \$3,3300 446,608 124,782 \$0,9600 137,593 110,228 \$5 102,284 \$5 107,285 \$5 107,285 \$5 107,285 \$5 Total 1,673,585 \$ 3.77 \$ 6,317,577 1,727,483 \$ 0.95 \$ 1,42,299 1,402,017 \$ Hydro One Network Line Connection Transformat Month Units Billed Rate Amount Units Billed Rate Amount Units Billed January 46,663 \$3,1942 \$ 149,295 440,726 \$0,7710 \$ 36,033 26,762 \$1 March 40,664 \$3,1942 \$ 149,266 447,726 \$0,7710 \$ 36,033 22,676 \$1 March 40,714 \$3,966 \$3,1942 \$ 118,678 \$0,7710 <	2.3000 2.3000 2.3000 2.28 tion Co Rate 1.7493 1.7493 1.7493 1.7493 1.7493 1.7493 1.7493 1.7493	00 268,48 00 246,75 228 \$ 3,192,02 Connection 23 \$ 46,81 33 \$ 44,95 33 \$ 44,95 33 \$ 44,95 33 \$ 44,95 33 \$ 44,95 33 \$ 44,95 33 \$ 44,95 33 \$ 44,95 33 \$ 44,95 35 \$ 40,01 33 \$ 42,94 34 \$ 40,01 35 \$ 54,61 55 \$ 54,61 55 \$ 52,328	6 \$ 5 \$ 6 \$ 6 \$ 7 \$ 3 \$ 6 \$ 4 \$ 6 \$	406,045 354,906 374,061 4,834,404 otal Connection Amount 82,848 79,499 72,974 73,600
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Hydro One Network Line Connection Transformat Month Units Billed Rate Amount Units Billed Softward Softward<	tion Co Rate 1.7493 1.7493 1.7493 1.7493 1.7493 1.7493 1.7493 1.9755 1.9755	Connection 33 \$ 46,81 33 \$ 44,96 33 \$ 44,96 33 \$ 44,96 33 \$ 44,96 33 \$ 40,01 33 \$ 40,01 33 \$ 40,01 35 \$ 54,61 55 \$ 54,65	5 \$ 7 \$ 3 \$ 4 \$ 6 \$ 4 \$	otal Connection Amount 82,848 79,499 72,974 73,600
Month Units Billed Rate Amount Units Billed Rate Amount Units Billed Rate Jaruary 46,683 \$3.1942 \$149,115 46,736 \$0.7710 \$36,033 26,762 \$5 March 40,664 \$3.1942 \$142,821 44,788 \$0.7710 \$34,532 25,706 \$5 March 40,664 \$3.1942 \$129,856 40,727 \$0.7710 \$34,532 22,5706 \$5 May 37,149 \$3.1942 \$128,676 39,762 \$0.7710 \$28,642 22,876 \$5 June 38,376 \$3.1942 \$122,679 38,655 \$0.7710 \$28,642 22,876 \$5 June 38,376 \$3.1942 \$147,357 44,770 \$0.7877 \$36,226 22,646 \$24,848 \$24,858 \$3.2915 \$147,337 44,770 \$0.7877 \$32,243 22,4463 \$24,858 \$3.2915 \$122,481 37,379 \$0.7877 \$29,423 22,4638 \$3.2915 \$124,81	Rate 1.7493 1.7493 1.7493 1.7493 1.7493 1.7493 1.9755 1.9755	Amount Am	5 \$ 7 \$ 3 \$ 4 \$ 6 \$ 4 \$	Amount 82,848 79,499 72,974 73,600
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February 44,713 \$3.1942 \$142,821 44,788 \$0.7710 \$34,532 25,706 \$3 March 40,654 \$3.1942 \$129,656 40,727 \$0.7710 \$34,011 23,765 \$3 April 39,659 \$3.1942 \$126,676 39,762 \$0.7710 \$30,656 24,549 \$5 May 37,149 \$3.1942 \$118,662 37,150 \$0.7710 \$28,642 22,876 \$3 June 38,376 \$3.1942 \$112,679 33,655 \$0.7710 \$28,603 23,875 \$3 August 44,769 \$3.2915 \$147,357 44,770 \$0.7877 \$36,256 26,518 \$3 September 40,933 \$3.2915 \$12,413 37,669 \$0.7877 \$29,829 22,445 \$3 October 37,353 \$3.2915 \$129,463 \$0.7877 \$3,068 \$23,74 \$1 Movember 39,442 \$3.2915 \$129,463 \$0.7877 \$3,85,1707 \$29,443 \$20,092 \$3 Meceded March 4483,468 \$3.	1.7493 1.7493 1.7493 1.7493 1.7493 1.7493 1.9755 1.9755	33 \$ 44,96 33 \$ 41,57 33 \$ 42,94 33 \$ 40,01 33 \$ 40,01 33 \$ 40,01 33 \$ 40,01 34 \$ 40,01 35 \$ 54,61 35 \$ 52,38	7 \$ 3 \$ 4 \$ 6 \$ 4 \$	79,499 72,974 73,600
February 44,713 \$3.1942 \$142,821 44,788 \$0.7710 \$34,532 25,706 \$3 March 40,654 \$3.1942 \$129,656 40,727 \$0.7710 \$34,011 23,765 \$3 April 39,659 \$3.1942 \$126,678 39,762 \$0.7710 \$30,656 24,549 \$5 May 37,149 \$3.1942 \$118,662 37,150 \$0.7710 \$28,603 22,876 \$5 June 38,376 \$3.2915 \$151,013 40,024 \$0.7877 \$36,253 22,642 22,876 \$5 August 44,769 \$3.2915 \$147,357 44,770 \$0.7877 \$36,253 22,643 22,645 \$5 Cotober 37,853 \$3.2915 \$129,463 \$0.7877 \$30,666 \$26,518 \$5 November 37,353 \$3.2915 \$129,463 \$0.7877 \$35,266 26,518 \$5 Moth Vnits Billed Rate Amount Vnits Billed \$6,271 \$2,2445 \$0.7877 \$3,85,1707 \$29,443 \$22,092 \$5 </td <td>1.7493 1.7493 1.7493 1.7493 1.7493 1.7493 1.9755 1.9755</td> <td>33 \$ 44,96 33 \$ 41,57 33 \$ 42,94 33 \$ 40,01 33 \$ 40,01 33 \$ 40,01 33 \$ 40,01 34 \$ 40,01 35 \$ 54,61 35 \$ 52,38</td> <td>7 \$ 3 \$ 4 \$ 6 \$ 4 \$</td> <td>79,499 72,974 73,600</td>	1.7493 1.7493 1.7493 1.7493 1.7493 1.7493 1.9755 1.9755	33 \$ 44,96 33 \$ 41,57 33 \$ 42,94 33 \$ 40,01 33 \$ 40,01 33 \$ 40,01 33 \$ 40,01 34 \$ 40,01 35 \$ 54,61 35 \$ 52,38	7 \$ 3 \$ 4 \$ 6 \$ 4 \$	79,499 72,974 73,600
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September 15,756 \$3.2044 \$50,489 15,756 \$0.5613 \$8,844 \$0 October 9,207 \$3.2044 \$29,502 11,408 \$0.5613 \$6,403 \$0 \$0 November 12,660 \$3.2044 \$40,569 12,660 \$0.5613 \$7,106 \$0 \$0	0.0000		\$	8,535
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November 12,660 \$3.2044 \$ 40,569 12,660 \$0.5613 \$ 7,106 \$0	0.0000		\$	
				6,403
	0.0000 0.0000		\$ \$	7,106 7,388
Total 120,738 \$ 3.20 \$ 386,893 143,708 \$ 0.56 \$ 80,663 - \$	-	\$-	\$	80,663
Add Extra Host Here (II) Network Line Connection Transformat	tion Co	Connection	Т	otal Connection
(if needed)	D /			
	Rate			Amount
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July \$0.0000 \$0.0000 \$0.0000	0.0000 0.0000 0.0000	00	\$	-
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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 Subtransmission Rates, if you are charged a combined Line and Transformation Connection rate, please ensure that both the Line Connection and Transformation connection columns are completed. If any of the Hydro One Sub-transmission rates (columns E. Land Mi are highlighted in red. please double check the billing data entered in "Units Billed" and "Amount"

Total	- \$	-	\$	-	- \$			\$	-	-	\$ -	\$	-	\$	
Total		Network			Li	ine Connec	tion			Transform	mation C	onn	nection	Tota	I Connect
Month	Units Billed	Rate	1	Amount	Units Billed	Rate		Aı	mount	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
February	185,150	\$3.5680	\$	660,617	189,168	\$0.8811	:	\$	166,673	136,238	\$2.1555	\$	293,664	\$	460
March	172,824	\$3.5755	\$	617,942	177,610	\$0.8823	:	\$	156,700	128,085	\$2.1571	\$	276,293	\$	432
April	157,689	\$3.5558	\$	560,709	160,648	\$0.8785	:	\$	141,126	116,855	\$2.1448	\$	250,632	\$	39
May	146,767	\$3.5502	\$	521,054	163,209	\$0.8783	:	\$	143,347	117,676	\$2.1527	\$	253,316	\$	39
June	215,124	\$3.5819	\$	770,554	220,598	\$0.8845	:	\$	195,124	158,915	\$2.1748	\$	345,604	\$	54
July	243,733	\$3.6997	\$	901,745	253,765	\$0.9066	:	\$	230,055	182,319	\$2.2508	\$	410,363	\$	64
August	229,786	\$3.6931	\$	848,617	235,408	\$0.9015	:	\$	212,215	168,115	\$2.2488	\$	378,060	\$	59
September	212,042	\$3.6796	\$	780,222	214,610	\$0.8979	:	\$	192,691	152,058	\$2.2474	\$	341,739	\$	53
October	185,307	\$3.6889	\$	683,578	192,568	\$0.9025	:	\$	173,792	139,178	\$2.2477	\$	312,827	\$	48
November	171,425	\$3.6665	\$	628,524	174,821	\$0.8943	:	\$	156,340	124,316	\$2.2423	\$	278,758	\$	43
December	180,598	\$3.6725	\$	663,239	185,213	\$0.8950	:	\$	165,761	130,659	\$2.2419	\$	292,932	\$	45
Total	2,287,791 \$	3.63	3 \$	8,304,625	2,365,406 \$		0.89	\$ 2	2,108,202	1,696,261	\$ 2.20	\$	3,739,942	¢	5,8

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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 Subtransmission Rates are applied against historical 2019 transmission units.

		Network		Line	e Connectio	n	Transform	mation Co	nnection	Total	Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	A	Amount
January	134,440	\$ 3.9200	\$ 527,005	141,427	\$ 0.9700 \$	137,184	115,084	\$ 2.3300	\$ 268,146	\$	405,33
February	134,057	\$ 3.9200	\$ 525,503	134,937	\$ 0.9700 \$	130,889	110,532	\$ 2.3300	\$ 257,540	\$	388,42
March		\$ 3.9200			\$ 0.9700 \$				\$ 243,066	\$	367,21
April	110,391				\$ 0.9700 \$			\$ 2.3300		\$	324,23
May		\$ 3.9200			\$ 0.9700 \$				\$ 220,884	\$	333,4
June		\$ 3.9200			\$ 0.9700 \$				\$ 314,643	\$	476,5
July		\$ 3.9200			\$ 0.9700 \$				\$ 360,392	\$	548,20
August		\$ 3.9200			\$ 0.9700 \$				\$ 329,921	\$	500,08
September		\$ 3.9200			\$ 0.9700 \$				\$ 296,893	\$	450,0
October	138,241				\$ 0.9700 \$			\$ 2.3300		\$	410,98
November	121,412	\$ 3.9200	\$ 475,935	124,782	\$ 0.9700 \$	121,039		\$ 2.3300	\$ 238,182	\$	359,22
December	129,631	\$ 3.9200	\$ 508,153	132,610	\$ 0.9700 \$	128,631	107,285	\$ 2.3300	\$ 249,974	\$	378,60
Total	1,673,585	\$ 3.92	\$ 6,560,452	1,727,463	\$ 0.97 \$	1,675,639	1,402,017	\$ 2.33	\$ 3,266,700	\$	4,942,34
Hydro One		Network		Line	e Connectio	n	Transform	mation Co	nnection	Total	Connectio
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	A	Amount
January	46,683	\$ 3.3980	\$ 158,629	46,736	\$ 0.8045 \$	37,599	26,762	\$ 2.0194	\$ 54,043	\$	91,64
February	44,713				\$ 0.8045 \$			\$ 2.0194		\$	87,9
March	40,654				\$ 0.8045 \$			\$ 2.0194 \$ 2.0194		\$	80,7
										ъ \$	80,7
April May											
May		\$ 3.3980			\$ 0.8045 \$				\$ 46,195	\$	76,0
June	38,376				\$ 0.8045 \$			\$ 2.0194		\$	79,3
July	45,880				\$ 0.8045 \$				\$ 55,825	\$	92,8
August	44,769	\$ 3.3980	\$ 152,125	44,770	\$ 0.8045 \$	36,018	26,518	\$ 2.0194	\$ 53,551	\$	89,5
September	40,933	\$ 3.3980	\$ 139,090	40,933	\$ 0.8045 \$	32,931	24,636	\$ 2.0194	\$ 49,750	\$	82,6
October	37,859	\$ 3.3980	\$ 128,645	37,869	\$ 0.8045 \$	30,465	22,445	\$ 2.0194	\$ 45,326	\$	75,7
November	37,353	\$ 3.3980	\$ 126,926	37,379	\$ 0.8045 \$	30,071	22,092	\$ 2.0194	\$ 44,613	\$	74,6
December	39,442	\$ 3.3980	\$ 134,023	39,442	\$ 0.8045 \$	31,731	23,374	\$ 2.0194	\$ 47,202	\$	78,9
Total	493,468	\$ 3.40	\$ 1,676,806	494,234	\$ 0.80 \$	397,611	294,244	\$ 2.02	\$ 594,195	\$	991,80
d Extra Host Here (I)		Network		Line	e Connectio	n	Transform	mation Co	nnection	Total	Connectio
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	A	Amount
January	6,221	\$ 3.3787	\$ 21,020	9,625	\$ 0.6268 \$	6,033		s -	\$ -	\$	6,0
February		\$ 3.3787			\$ 0.6268 \$				\$ -	\$	5,9
March									\$- \$-	\$	
							-				5,5
April		\$ 3.3787			\$ 0.6268 \$		-		\$ -	\$	5,2
May	8,484	\$ 3.3787			\$ 0.6268 \$		-		\$ -	\$	6,2
			\$ 51,881	15,067	\$ 0.6268 \$		-	\$-	\$-	\$	9,4
June		\$ 3.3787									
July	11,265	\$ 3.3787	\$ 38,063	14,120	\$ 0.6268 \$		-		\$-	\$	8,8
		\$ 3.3787	\$ 38,063	14,120	\$ 0.6268 \$ \$ 0.6268 \$		-		\$- \$-		
July	11,265 11,759	\$ 3.3787	\$ 38,063 \$ 39,732	14,120 15,206		9,531	- -	\$ -		\$	9,5
July August	11,265 11,759 15,756	\$ 3.3787 \$ 3.3787	\$ 38,063 \$ 39,732 \$ 53,236	14,120 15,206 15,756	\$ 0.6268 \$	9,531 9,876	- - -	\$- \$-	\$ -	\$ \$	9,5 9,8
July August September	11,265 11,759 15,756 9,207	\$ 3.3787 \$ 3.3787 \$ 3.3787	 \$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 	14,120 15,206 15,756 11,408	\$ 0.6268 \$ \$ 0.6268 \$	9,531 9,876 7,151		\$- \$- \$-	\$- \$-	\$ \$ \$	8,8 9,5 9,8 7,1 7,9
July August September October	11,265 11,759 15,756 9,207	 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 	 \$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 	14,120 15,206 15,756 11,408 12,660	\$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$	9,531 9,876 7,151 7,935	- - - -	\$- \$- \$- \$-	\$- \$- \$-	\$ \$ \$	9,5 9,8 7,1 7,9
July August September October November	11,265 11,759 15,756 9,207 12,660	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 38,939	14,120 15,206 15,756 11,408 12,660	\$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$	9,531 9,876 7,151 7,935 8,250		\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ \$ \$ \$	9,5 9,8 7,1 7,9 8,2
July August September October November December	11,265 11,759 15,756 9,207 12,660 11,525	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 38,939	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$	9,531 9,876 7,151 7,935 8,250 90,076		\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$	9,5 9,8 7,1 7,9 8,2 90,0
July August September October November December Total	11,265 11,759 15,756 9,207 12,660 11,525	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 38,939	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$	9,531 9,876 7,151 7,935 8,250 90,076		\$ - \$ - \$ - \$ - \$ - \$ \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ Total	9,5 9,8 7,1 7,9 8,2 90,0
July August September October November December Total	11,265 11,759 15,756 9,207 12,660 11,525 120,738 Units Billed	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.38	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 38,939 \$ 407,937	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.6268 \$	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - \$ - mation Co Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ Total	9,5 9,8 7,1 7,9 8,2 90,0 Connectio
July August September October November December Total Extra Host Here (II) Month	11,265 11,759 15,756 9,207 12,660 11,525 120,738 Units Billed	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.388 \$	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 38,939 \$ 407,937	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ e Connectic Rate	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - \$ - mation Co Rate \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ Total	9,5 9,8 7,1 7,9 8,2 90,0 Connectio
July August September October November December Total d Extra Host Here (II) Month January	11,265 11,759 15,756 9,207 12,660 11,525 120,738 Units Billed	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.38 \$ 3.38 \$ 3.38	\$ 38,063 \$ 39,732 \$ 53,236 \$ 42,775 \$ 38,939 \$ 407,937 \$ Amount \$ -	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.638 \$ \$ e Connection Rate \$ - \$	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - \$ - \$ - mation Co Rate \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S Total	9,5 9,8 7,1 7,9 8,2 90,0 Connectio
July August September October November December Total d Extra Host Here (II) Month January February March	11,265 11,759 9,207 12,660 11,525 120,738 Units Billed	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.38 Network Rate \$ - \$	\$ 38,063 \$ 39,732 \$ 53,236 \$ 42,775 \$ 38,939 \$ 407,937 \$ 407,937 \$ 200,000 \$ 407,937 \$ 200,000 \$ 407,937	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.633 \$ e Connectic Rate \$ - \$ \$ - \$	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - \$ - \$ - \$ mation Co Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ \$ - \$ mnection Amount \$ - \$ - \$ -	S S S S Total	9,5 9,8 7,1 7,9 8,2 90,0 Connectio
July August September October November December Total Extra Host Here (II) Month January February March April	11,265 11,759 15,756 9,207 12,660 11,525 120,738 Units Billed	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.388 Network \$ 3.38 \$ \$ \$ \$ \$ \$	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 38,939 \$ 407,937 \$ 407,937 \$ \$ \$ \$ \$ \$ \$ \$ -	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.633 \$ e Connection \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - \$ - mation Co Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ Total \$ \$ \$ \$ \$ \$	9,5 9,8 7,1 7,9 8,2 90,0 Connectio
July August September October November December Total SEXtra Host Here (II) Month January February March April May	11,265 11,759 15,756 9,207 12,660 11,525 120,738 Units Billed	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.38 Network \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 38,939 \$ 407,937 \$ \$ \$ \$ \$ \$ \$ \$ -	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.633 \$ e Connectio \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S Total S S S S S S	9,5 9,8 7,1 7,9 8,2 90,0 Connectio
July August September October November December Total d Extra Host Here (II) Month January February March April May June	11,265 11,759 15,756 9,207 12,660 11,525 120,738 Units Billed	\$ 3.3787 \$ 3.5787 \$ 3	\$ 38,063 \$ 39,732 \$ 53,236 \$ 42,775 \$ 42,775 \$ 38,939 \$ 407,937 \$ 407,937 \$ \$ \$ \$ \$ \$ \$ \$ -	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.626 \$ \$ 0.626 \$ \$ 0.626 \$ \$ 0.626 \$ \$ 0.626 \$ \$ 0.62 \$ \$ 0	9,531 9,876 7,151 7,935 8,250 90,076 Amount	Transform	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ S Total \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,t 9,t 7,1 7,5 8,2 90,t Connecti
July August September October November December Total d Extra Host Here (II) d Extra Host Here (II) January February March April May June July	11,265 11,759 9,207 12,660 11,525 120,738 Units Billed - - - - - - - - -	\$ 3.3787 \$ 5.57 \$ 5.575\$\$ 5.575\$	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 38,939 \$ 407,937 \$ \$ \$ \$ \$ \$ \$ \$ -	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.633 \$ e Connections kate \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - \$ - mation Co Rate \$ -	\$ - \$ - \$ - \$ - \$ - s - mnection Amount \$ -	s s s s s total	9,t 9,t 7,1 7,5 8,2 90,t Connecti
July August September October November December Total Extra Host Here (II) Month January February March April May June July August	11,265 11,759 15,756 9,207 12,660 11,525 120,738 Units Billed - - - - - - - - - - - -	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.388 Network Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.633 \$ e Connectio Rate \$ - \$ \$ - \$ -	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - \$ - \$ - Kate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - S - Mmount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	s s s s s s Total S s s s s s s s s s s s s	9,5 9,6 7,7 8,2 90,0 Connecti
July August September October November December Total d Extra Host Here (II) d Extra Here (II) d Ext	11,265 11,759 15,756 9,207 12,660 11,525 120,738 Units Billed - - - - - - - - - - - -	\$ 3.3787 \$ 5.57 \$ 5.575\$\$ 5.575\$	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 38,939 \$ 407,937 \$ \$ \$ \$ \$ \$ \$ \$ -	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.633 \$ e Connections kate \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - \$ - \$ - Kate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - s - mnection Amount \$ -	s s s s s total	9,5 9,6 7,7 8,2 90,0 Connecti
July August September October November December Total Extra Host Here (II) Month January February March April May June July August	11,265 11,759 9,207 12,660 11,525 120,738 Units Billed - - - - - - - - - - - - - - - - - - -	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.388 Network Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.633 \$ e Connectio Rate \$ - \$ \$ - \$ -	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - \$ - S - Mation Co Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - S - Mmount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	s s s s s s Total S s s s s s s s s s s s s	9,t 9,t 7,1 7,5 8,2 90,t Connecti
July August September October November December Total d Extra Host Here (II) d Extra Here (II) d Ext	11,265 11,759 15,756 9,207 12,660 11,525 120,738 Units Billed	\$ 3.3787 \$ 3.5787 \$ 3.57	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 38,939 \$ 407,937 \$ 407,937 \$ \$ \$ \$ \$ \$ \$ \$ -	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.633 \$ e Connectio \$ - \$ \$ \$ - \$ \$ \$ \$	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - \$ - \$ - \$ - Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ S Total \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,5 9,6 7,7 8,2 90,0 Connecti
July August September October November December Total textra Host Here (II) Month January February March April May June July August September October	11,265 11,759 9,207 12,660 11,525 120,738 Units Billed - - - - - - - - - - - - - - - - - - -	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.38 Network Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 38,063 \$ 39,732 \$ 53,236 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 42,775 \$ 5,236 \$ 5,236 \$ 5,236 \$ 5,236 \$ 5,236 \$ 5,236 \$ 5,236 \$ 5,236 \$ 5,236 \$ 407,937 \$ 5,236 \$ 5,256 \$ 5,256	14,120 15,206 15,756 11,408 12,660 13,162 143,708	\$ 0.6268 \$ \$ 0.633 \$ e Connectio \$ 0.63 \$ e Connectio \$ 0.63 \$ \$ 0	9,531 9,876 7,151 7,935 8,250 90,076 m Amount	Transform	\$ - \$ - \$ - \$ - \$ - nation Co Rate \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ S Total \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,t 9,t 7,1 7,5 8,2 90,t Connecti
July August September October November December Total September Month January February March April May June July August September October November December	11,265 11,759 15,756 9,207 12,660 11,525 120,738 Units Billed - - - - - - - - - - - - - - - - - - -	\$ 3.3787 \$ 3.5787 \$ 3.57	\$ 38,063 \$ 39,732 \$ 31,107 \$ 42,775 \$ 38,939 \$ 407,937 Kamount \$ -	14,120 15,206 15,756 11,408 12,660 13,162 143,708 Units Billed - - - - - - - - - - - - - - - - - - -	\$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.632 \$ \$ 0.63 \$ \$ 0.63 \$ \$ 0.63 \$ \$ 0.63 \$ \$ 0.63 \$ \$ 0.63 \$ \$ 0.63 \$ \$ 0.63 \$ \$ 0.63 \$ \$ 0.63 \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transford Units Billed - - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - S - mation Co Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S S S S S S S S S S S	9,5 9,8 7,1 7,9,8 8,2 90,0 Connection
July August September October November December Total textra Host Here (II) Month January February March April May June July August September October November	11,265 11,759 15,756 9,207 12,660 11,525 120,738 Units Billed - - - - - - - - - - - - - - - - - - -	\$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.3787 \$ 3.387 Network Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 38,063 \$ 39,732 \$ 53,236 \$ 31,107 \$ 42,775 \$ 38,939 \$ 407,937 Amount S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S C S S S C S S S C S S S S S S S S	14,120 15,206 15,756 11,408 12,660 13,162 143,708 Units Billed - - - - - - - - - - - - - - - - - - -	\$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.6268 \$ \$ 0.633 \$ e Connectic Rate \$ - \$ \$ - \$ -	9,531 9,876 7,151 7,935 8,250 90,076 n Amount	Transform	\$ - \$ - \$ - \$ - S - mation Co Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	s s s s s s s s s s s s s s s s s s s	9,5 9,8 7,1 7,9 8,2 90,0 Connectio

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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 Subtransmission Rates are applied against historical 2019 transmission units.

Month	Units Billed	Rate	e 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	
Ôctober	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	
Total	2,287,791	\$ 3.78	\$	8,645,195	2,365,406	\$ 0.91	\$	2,163,327	1,696,261	\$ 2.28	\$ 3,860,896	\$	6,024,223	

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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 Subtransmission Rates are applied against historical 2019 transmission units.

IESO		Network		Lin	e Connect	ion	Transfor	mation Co	onnection	Tota	al Connectior
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	\$	324,23
May		\$ 3.9200	\$ 396,445		\$ 0.9700			\$ 2.3300	\$ 220,884	\$	333,45
June		\$ 3.9200	\$ 632,662		\$ 0.9700				\$ 314,643	\$	476,51
July		\$ 3.9200	\$ 731,426		\$ 0.9700				\$ 360,392	\$	548,20
											540,20
August		\$ 3.9200	\$ 679,171		\$ 0.9700			\$ 2.3300	\$ 329,921	\$	
September		\$ 3.9200	\$ 608,984		\$ 0.9700				\$ 296,893	\$	450,07
October		\$ 3.9200	\$ 541,905		\$ 0.9700			\$ 2.3300	\$ 271,988	\$	410,98
November		\$ 3.9200	\$ 475,935		\$ 0.9700			\$ 2.3300	\$ 238,182	\$	359,22
December	129,631	\$ 3.9200	\$ 508,153	132,610	\$ 0.9700	\$ 128,631	107,285	\$ 2.3300	\$ 249,974	\$	378,60
Total	1,673,585	\$ 3.92	\$ 6,560,452	1,727,463	\$ 0.97	\$ 1,675,639	1,402,017	\$ 2.33	\$ 3,266,700	\$	4,942,34
Hydro One	Network			Lin	e Connect	ion	Transfor	mation Co	onnection	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	\$	91,64
February	44,713	\$ 3.3980	\$ 151,934	44,788	\$ 0.8045	\$ 36,032	25,706	\$ 2.0194	\$ 51,910	\$	87,94
March	40,654	\$ 3.3980	\$ 138,141			\$ 32,765		\$ 2.0194	\$ 47,992	\$	80,75
April		\$ 3.3980	\$ 134,761		\$ 0.8045			\$ 2.0194		\$	81,50
May		\$ 3.3980	\$ 126,233		\$ 0.8045			\$ 2.0194	\$ 46,195	\$	76,08
June		\$ 3.3980	\$ 130,400			\$ 31,098		\$ 2.0194	\$ 48,213	\$	79,3
July		\$ 3.3980	\$ 155,899		\$ 0.8045			\$ 2.0194		\$	92,8
		\$ 3.3980									
August			\$ 152,125		\$ 0.8045				\$ 53,551	\$	89,5
September	40,933	\$ 3.3980	\$ 139,090	40,933		\$ 32,931		\$ 2.0194	\$ 49,750	\$	82,6
October		\$ 3.3980	\$ 128,645	37,869		\$ 30,465		\$ 2.0194	\$ 45,326	\$	75,7
November		\$ 3.3980	\$ 126,926		\$ 0.8045			\$ 2.0194		\$	74,6
December	39,442	\$ 3.3980	\$ 134,023	39,442	\$ 0.8045	\$ 31,731	23,374	\$ 2.0194	\$ 47,202	\$	78,93
Total	493,468	\$ 3.40	\$ 1,676,806	494,234	\$ 0.80	\$ 397,611	294,244	\$ 2.02	\$ 594,195	\$	991,80
l Extra Host Here (I)		Network		Lin	e Connect	ion	Transfor	mation Co	onnection	Tota	al 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	-	\$-	\$-	\$	6,03
February	6,380	\$ 3.3787	\$ 21,557	9,443	\$ 0.6268	\$ 5,919	-	\$-	\$-	\$	5,9
March	4,485	\$ 3.3787	\$ 15,152	8,899	\$ 0.6268	\$ 5,578	-	\$-	\$-	\$	5,5
April	7,640	\$ 3.3787	\$ 25,812	8,352	\$ 0.6268	\$ 5,235	-	\$-	\$-	\$	5,2
May	8,484	\$ 3.3787	\$ 28,664	10.010	\$ 0.6268	\$ 6,274	-	s -	\$-	\$	6,2
June		\$ 3.3787	\$ 51,881	15,067		\$ 9,444	-	s -	\$ -	\$	9,4
July		\$ 3.3787	\$ 38,063			\$ 8,850		\$ -	s -	\$	8,8
August		\$ 3.3787	\$ 39,732	15,206		\$ 9,531		\$-	\$-	\$	9,5
							-	э- \$-	s -	\$	
September		\$ 3.3787		15,756				5 - S -			9,8
October		\$ 3.3787	\$ 31,107	11,408		\$ 7,151	-	Ŧ	\$-	\$	7,1
November December		\$ 3.3787 \$ 3.3787	\$ 42,775 \$ 38,939	12,660 13,162	\$ 0.6268 \$ 0.6268	\$ 7,935 \$ 8,250		\$- \$-	\$- \$-	\$ \$	7,9 8,2
Total	120,738	\$ 3.38	\$ 407,937	143,708	\$ 0.63	\$ 90,076		\$-	\$-	\$	90,0
l Extra Host Here (II)		Network		Lin	e Connect	ion	Transfor	mation Co	onnection	Tota	al Connectio
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
Month	-	\$-	\$-	-	\$-	\$-	-	\$-	\$-	\$	
Month January		\$-	\$-	-	\$-	\$-		\$-	\$-	\$	
	-	ъ -			\$-	\$ -	-	\$-	\$-	\$	
January	-	\$ - \$ -	\$-						Ψ		
January February	-	+	\$- \$-	-	\$-	\$-	-	\$-	\$-	\$	
January February March April		\$-	•	-	\$- \$-	\$- \$-	-	\$- \$-			
January February March April May		\$- \$- \$-	\$- \$-	-	\$-	\$-	-	•	\$- \$-	\$ \$	
January February March April May June	- - -	\$- \$- \$- \$-	\$- \$- \$-	- - -	\$- \$-	\$- \$-	-	\$- \$-	\$- \$- \$-	\$ \$ \$	
January February March April May June July	- - - -	\$- \$- \$- \$- \$- \$-	\$- \$- \$- \$-	- - -	\$- \$- \$-	\$- \$- \$-	- - -	\$- \$- \$-	\$- \$- \$- \$-	\$ \$ \$	
January February March April May June July August	- - - - -	\$- \$- \$- \$- \$- \$- \$- \$-	\$- \$- \$- \$- \$- \$-	- - - -	\$- \$- \$- \$-	\$- \$- \$- \$-		\$- \$- \$- \$-	\$- \$- \$- \$- \$- \$-	\$ \$ \$ \$	•
January February March April May June July August September		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$- \$- \$- \$- \$- \$- \$- \$-	- - - - -	\$- \$- \$- \$- \$- \$-	\$- \$- \$- \$- \$- \$-	- - - -	\$- \$- \$- \$- \$-	\$- \$- \$\$- \$\$- \$\$- \$\$- \$\$-	\$ \$ \$ \$ \$	-
January February March April May June July August September October		 	\$- \$- \$- \$- \$- \$- \$- \$- \$- \$-		\$- \$- \$- \$- \$- \$- \$-	\$- \$- \$- \$- \$- \$- \$- \$- \$-	-	\$- \$- \$- \$- \$- \$- \$-	\$- \$- \$- \$- \$- \$- \$- \$- \$-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
January February March April May June July August September October November			\$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$-	- - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$-	-	\$- \$- \$- \$- \$- \$- \$- \$- \$-	\$- \$- \$- \$- \$- \$- \$- \$- \$-	\$ \$ \$ \$ \$ \$ \$	
January February March April May June July August September October		 	\$- \$- \$- \$- \$- \$- \$- \$- \$- \$-	- - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$- \$- \$- \$- \$- \$- \$- \$- \$-		\$- \$- \$- \$- \$- \$- \$-	\$- \$- \$- \$- \$- \$- \$- \$- \$-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	

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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 Subtransmission Rates are applied against historical 2019 transmission units.

Total		Network					onnect		Transformation Connection						Total Connection		
Month	Units Billed		Rate	Amount	Units Billed		Rate		mount	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	
Total	2,287,791	\$	3.78 \$	8,645,195	2,365,406	\$	0.91	\$	2,163,327	1,696,261	\$	2.28	\$	3,860,896	\$	6,024,223	

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

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Appendix 8-3 Appendix 2-R

 Niagara Peninsula Energy Inc.

 File NulipBe2020-0040^{EB-2020-0040}

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April 30 2020

Appendix 2-R Loss Factors

				Historical Years			5-Year Average
		2015	2016	2017	2018	2019	5-fear Average
	Losses Within Distributor's System						
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
В	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)						-
С	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
	Losses Upstream of Distributor's System						*
Н	Supply Facilities Loss Factor	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045
	Total Losses						
I	Total Loss Factor = G x H	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 <u>higher</u> 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 <u>lower</u> 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 <u>lower</u> 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).

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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

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.

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

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

Effective and Implementation Date 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

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.

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

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

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

Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service - Administrative Charge (if applicable)

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

0.0005

\$/kWh

\$

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

\$	18.03
\$/kW	22.4995
\$/kW	0.1347
\$/kW	0.4079
\$/kW	2.0455
\$/kW	1.5881
	\$/kW \$/kW \$/kW

MONTHLY RATES AND CHARGES - Regulatory Component

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

Effective and Implementation Date 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 Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kW \$/kW \$/kW	0.0001 0.4317 2.0884 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

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 Independant 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.

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)

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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	\$	44.50
(with the exception of wireless attachments)		

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.

	100.00
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 w	ith 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

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Appendix 8-5 Proposed Tariff January 1, 2021

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.

Service Charge	\$	36.15
Rate Rider for Disposition of Deferral/Variance Accounts-Group 2 - effective until December 31, 2021	\$	(0.13)
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

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.

Service Charge Smart Metering Entity Charge - effective until December 31, 2022 Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021 Rate Rider for Disposition of Account 1576 - effective until December 31, 2021 Rate Rider for Recovery of (year) Foregone Revenue - effective until December 31, 2021	\$ \$ \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	43.11 0.57 0.0157 0.0012 0.0012 (0.0011) (0.0001) 0.0005
Rate Rider for Disposition of Account 1557 - effective until December 31, 2021	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh	0.0065
MONTHLY RATES AND CHARGES - Regulatory Component	·	
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0030 0.0004 0.0005 0.25

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.

\$	168.64
\$/kW	3.6065
\$/kW	0.4776
\$/kW	0.0384
\$/kW	0.4366
\$/kW	0.2579
\$/kW	(0.6869)
	\$/kW \$/kW \$/kW \$/kW \$/kW

Effective and Implementation Date January 1, 2021

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

approved schedules of Nates, onlarges and E035 ractors		
Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$/kW	EB-2020-0040 (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

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.

Service Charge (per customer) Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021 Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$ \$/kWh \$/kWh \$/kWh \$/kWh	21.14 0.0147 0.0012 0.0012 (0.0011) (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

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

0.25

\$

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

Service Charge Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021 Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$ \$/kW \$/kW \$/kW \$/kW \$/kW	19.36 24.1590 0.3991 0.4079 (0.3675) (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

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.

Service Charge (per connection) Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	\$ \$/kW \$/kW \$/kW	0.74 2.8827 0.3669 0.4317 (0.3890)
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

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 Independant 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

\$

44.50

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		

RETAIL SERVICE CHARGES (if applicable)

Specific charge for access to the power poles

(with the exception of wireless attachments)

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

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 Total Loss Factor - Primary Metered Customer < 5,000 kW 1.0422 1.0317

Niagara Peninsula Energy Inc. EB-2020-0040 Filed: August 31, 2020 97 of 157

Appendix 8-6 OEB Bill Impact Model

Instructions for Tabs 3 to 7

Tab	Tab Details
3 - Continuity Schedule	This tab is the continuity schedule that shows all the accounts and the accumulation of the balances a utility has.
4 - Billing Determinant	This tab shows the billing determinants that will be used to allocate account balances and calculate rate riders.
6 - Class A Data Consumption	This is a new tab that is to be completed if there were any Class A customers at any point during the period the GA balance accumulated. The tab also considers Class 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 applcable), as well as customer specific GA and CBR charges for transition customers (if applicable).

	Filed: August 31, 2020 99 of 157
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).
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).
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.
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).
5 - Allocating Def-Var Balances	This tab allocates the Group 1 balances (except GA and CBR Class B if Class A customers exist).
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)

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Ctor	Deteile
Step	Details
1	Complete the DVA continuity sche For all Group 1 Accounts, except f the 2017 rate application, DVA ba entering the closing 2014 balance
	December 31, 2016 regardless of account, start inputting data from (2014) would have information sta (2014). The DVA continuity schedu schedule should be provided start
2a	If you had any Class A customers a balances in the 2016 rate applicat
	If the checkbox is not checked off, tabs 6.1 and 7, complete the tabs If the checkbox is checked off, tab
2b	If the checkbox in step 2a is check during the period that the Accoun If the checkbox is not checked off, 1580 WMS, as part of the general If the checkbox is checked off, the
	B through a separate rate rider us
3	Confirm the accuracy of the RRR d
4	Review the disposition threshold (
5	This tab is generated when the uti Under #1, enter the year the Accc
6	Under #2a, indicate whether you I If no, proceed to #3b in step 8. If yes, #2b and tab 6.1a will be ger Under #2b, indicate whether you I If no, proceed to #3a in step 7. If yes, tab 6.2a will be generated.
7	Under #3a, enter the number of to based on the number of customer the customer class during the half customers in tabs 6.1a and 6.2a re number will correspond to the sar

Niagara Peninsula Energy Inc. EB-2020-0040 Filed: August 31, 2020 101 of 157

8	did not transition between Class A accordingly for each Class A custo Class B balances to the rate classe
9	This tab is generated when the uti
	In row 20, enter the total Class B c customers (who were Class A for p the rest of the mormation in this customers in the bottom table. Al GA rate rider as calculated in tab (
10	populated and the GA rate riders a balance accumulated.
11	This tab is generated when the ut Select one of two options pertaini The rest of the information in the any transition customers during th
12	This tab is generated when the uti In row 20, enter the total Class B ((who were Class A for partial and transition customers in the bottor for CBR Class B as this would depe allocated a specific CBR Class B an
13	Review the allocated balances to e calculated after the completion of
14	Enter the proposed rate rider recc populated and the rate riders are

edule.

or Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in lances as at December 31, 2015 were approved for disposition, start the continuity schedule from 2015 by s in the Adjustments column under 2014.

whether the account is being requested for disposition in the current application. For each Account 1595 subthe year the sub-account started to accumulate a balance (i.e. the vintage year). For example, Account 1595 arting in 2014, when the relevant balances approved for disposition were first transferred into Account 1595 ule currently starts from 2011, if a utility has an Account 1595 with a vintage year prior to 2011, then a separate ing from the vintage year.

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

, then proceed to tab 4 and complete the tab as needed. Tab 5 will be calculated accordingly. Then proceed to as needed and the appropriate rate riders will be calculated.

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 t 1580, sub-account CBR Class B balance accumulated (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 DVA rate rider.

In tab 6.2 will be generated. This tab will allocate and dispose the balance in Account 1580 sub-account CBR Class sing information inputted in tab 6. See step 11 below for further details.

lata used to populate the tab.

calculation. If the threshold disposition is not met, select whether disposition is still being requested or not in the

ility checks in tab 3 that they have Class A customers during the period that GA balance accumulated. ount 1589 GA balance was last disposed.

had any customers that transitioned between Class A and B during the period the Account 1589 GA balance accun

nerated. Proceed to #2b. had any customers that transitioned between Class A and B during the period the Account 1580, sub-account CBR

Proceed to #3a in step 7.

ransition customers during the period the Account 1589 GA balance accumulated. A table will be generated 's. Complete the table accordingly for each transition customer identified (i.e. kWh/kW for half year periods, and 'year). This data will automatically be used in the GA balance and CBR Class B balance allocation to transition espectively. Each transition customer identified in tab 6, table 3a will assigned a customer number and the me transition customer populated in tabs 6.1a and 6.2a. The data in tab 6 will also be used in the calculation of

and B during the period). A table will be generated based on the number of customers. Complete the table mer identified. This data will be used in the calculation of billing determinants in the allocation of GA and CBR s, as applicable.

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

consumption which equals to Non-RPP consumption less WMP consumption and consumption for Class A partial and full year).

I transition customers who are allocated a specific GA amount are not to be charged the general Non-RPP Class B 5.1.

are calculated accordingly based on whether there were any transition customers during the period that the GA

ility checks in tab 3 that they have Class A customers during the period that Account 1580, sub-account CBR Class ng to the the years in which the CBR Class B balance accumulated, either 2015 and 2016, or 2016 only in cell

tab is auto-populated and the CBR Class B rate riders are calculated accordingly based on whether there were ne period that the CBR Class B balance accumulated.

ility indicates that they have transition customers in tab 6, #2b during the period where the CBR Class B balance consumption which equals to total consumption less WMP consumption and consumption for Class A customers full year).

n table. Note that the transition customers identified for the GA may be different than the transition customers end on the period in which the GA and CBR Class B balances accumulated. All transition customers who are nount 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 f tabs 6 to 6.2a.

overy period if different than the default 12 month period. The rest of the information in the tab is autocalculated accordingly .

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nulated.

Class B balance accumulated.

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	edule and Bill I 21 Cost of Servi	odel	
		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.

🛃 Ontario Energy Board

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 su phase, 3 wire, 60 hertz, having a nominal voltage of 120/240 volts. Large residential services will include all servic amp. Up to and including 400 amp., 120/240 volt, single phase, three wire. Class B consumers are defined in accord. 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 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 required 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 embeddee 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

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)	\$

🛃 Ontario Energy Board

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 peal 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 required 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 embedded market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to by a distributor and that are not subject to Ontario Energy Board approval, such as the 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\$/kWhCapacity Based Recovery (CBR) - Applicable for Class B Customers\$/kWhRural or Remote Electricity Rate Protection Charge (RRRP)\$/kWhStandard Supply Service - Administrative Charge (if applicable)\$

🛃 Ontario Energy Board

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 forecast to be equal to or greater than 50 kW but less than 5,000 kW. Class A and Class B consumers are defined 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 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 required 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.

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 ai during the variance account accumulation period, or to customers that were in Class A for the entire period. Custo transitioned are to be charged or refunded their share of the variance disposed through customer specific billing a This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this 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 Adjustme applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Cus transitioned are to be charged or refunded their share of the variance disposed through customer specific billing a This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this 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 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



Tariff Schedule and Bill Impacts M Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service - Administrative Charge (if applicable)

\$



This classification refers to an account taking electricity at 750 volts or less whose average peak demand is less the forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power pac 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 Cod the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be app administration of this schedule.

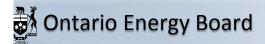
No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done c for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required Distributor's Licence or a Code or Order of the Ontario Energy Board,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

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)	\$



SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consi 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 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 required 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 embedded market participant.

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

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)	\$



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 c 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 exposed to. This simulated street light load is captured using an interval metering device, and is processed as par distributor's daily interval meter interrogation, validation and processing procedures. Class B consumers are define 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 Cod the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be app administration of this schedule.

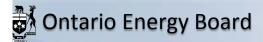
No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done c for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required Distributor's Licence or a Code or Order of the Ontario Energy Board,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

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)	\$



microFIT SERVICE CLASSIFICATION

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

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Cod 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 required 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.

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	\$
ALLOWANCES	\$/kW
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%
Thinking Microwardo for Transformer Ecocor applied to medoared demand a chergy	70

SPECIFIC SERVICE CHARGES

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 charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electric made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the 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 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	\$



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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 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 required 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.

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

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LOSS FACTORS

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

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

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

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Niagara Peninsula Energy Inc. EB-2020-0040 Filed: August 31, 2020 116 of 157

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Niagara Peninsula Energy Inc. EB-2020-0040 Filed: August 31, 2020 117 of 157



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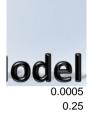
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Niagara Peninsula Energy Inc. EB-2020-0040 Filed: August 31, 2020 118 of 157



Niagara Peninsula Energy Inc. EB-2020-0040 Filed: August 31, 2020 119 of 157



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Niagara Peninsula Energy Inc. EB-2020-0040 Filed: August 31, 2020 120 of 157



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Niagara Peninsula Energy Inc. EB-2020-0040 Filed: August 31, 2020 123 of 157

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Tariff Schedule and Bill Impacts Mo (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

As of		November 1, 2019
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)				C
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

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Ontario Energy Board

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)
Rate Rider for Recovery of (year) Foregone Revenue	\$	0.62	- effective until 12/31/2021
Low Voltage Service Rate	\$/kWh	0.0014	- effective until 12/31/2021
Rate Rider for Disposition of Account 1576	\$	-0.09	- effective until 12/31/2021
			- effective until
Rate Rider for Disposition of Deferral/Variance Accounts-Group 2	\$	-0.13	- effective until 12/31/2021
Rate Rider for Disposition of Deferral/Variance Accounts -Group 1	\$/kWh	-0.0009	- effective until 12/31/2021
			- effective until

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE
Rate Rider for Disposition of Deferral/Variance Accounts	\$/kWh	-0.0011
Rate Rider for Disposition of Account 1576	\$/kWh	-0.0001
Rate Rider for Recovery of (year) Foregone Revenue	\$/kWh	0.0005
Low Voltage Service Rate	\$/kWh	0.0012
Rate Rider for Disposition of Account 1557	\$/kWh	0.0006

	DATE (EG: December 31, 2021)	รเ
- effective until	12/31/2021	В
- effective until	12/31/2021	А
- effective until	12/31/2021	А
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Contario Energy Board

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

- effective until
- effective until

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE
Rate Rider for Disposition of Deferral/Variance Accounts	\$/kW	0.2579
Rate Rider for Disposition of Deferral/Variance Accounts Applicable only for Non-Wholesale Marke	\$/kW	-0.6869
Rate Rider for Disposition of Account 1576	\$/kW	-0.0490
Rate Rider for Recovery of (year) Foregone Revenue	\$/kW	0.1555
Low Voltage Service Rate	\$/kW	0.4776
Rate Rider for Disposition of Account 1557	\$/kW	0.1206

	DATE (EG: December 31, 2021)	รเ
- effective until	12/31/2021	В
- effective until	12/31/2021	В
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- effective until		
- effective until		
- effective until	12/31/2021	А
- effective until		

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE
Rate Rider for Disposition of Deferral/Variance Accounts	\$/kWh	-0.0011
Rate Rider for Disposition of Account 1576	\$/kWh	-0.0001
Low Voltage Service Rate	\$/kWh	0.0012

	DATE (EG: December 31, 2021)	รเ
- effective until	12/31/2021	В
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Ontario Energy Board

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

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SENTINEL LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	DATE (EG: December 31, 2021)	รเ
Rate Rider for Disposition of Deferral/Variance Accounts	\$/kW	-0.3675	- effective until 12/31/2021	В
Rate Rider for Disposition of Account 1576	\$/kW	-0.0418	- effective until 12/31/2021	Α
Low Voltage Service Rate	\$/kW	0.3991	- effective until 12/31/2021	В
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STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	
Rate Rider for Disposition of Deferral/Variance Accounts	\$/kW	-0.3890	- ef
Rate Rider for Disposition of Account 1576	\$/kW	-0.0444	- ef
Rate Rider for Recovery of (year) Foregone Revenue	\$/kW	7.6037	- ef
Low Voltage Service Rate	\$/kW	0.3669	- ef
			- ef

	DATE (EG: December 31, 2021)	S
- effective until	12/31/2021	В
- effective until	12/31/2021	Α
- effective until	12/31/2021	А
- effective until	12/31/2021	В
- effective until		

Ontario Energy Board

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

			- effective until	
			- effective until	
			- effective until	
nicroFIT SERVICE CLASSIFICATION	UNIT	RATE	DATE (EG: Decembe	er 31, 2021)
	\$	4.55	- effective until 12/31/2021	
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JB-TOTAL

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2_GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION_CBR_8

2_GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION_CBR_2 2_GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION_CBR_3 2_GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION_CBR_4

2_GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION_CBR_1

1_RESIDENTIAL SERVICE CLASSIFICATION_FX_RR_8 1_RESIDENTIAL SERVICE CLASSIFICATION_CBR_9

1_RESIDENTIAL SERVICE CLASSIFICATION_FX_RR_1 1_RESIDENTIAL SERVICE CLASSIFICATION_CBR_2 1_RESIDENTIAL SERVICE CLASSIFICATION_FX_RR_3

4_UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION_CBR_1 4_UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION_CBR_2 4_UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION_CBR_3

3_GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION_CBR_8

3_GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION_CBR_5

3_GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION_CBR_3 3_GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION_CBR_4

3_GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION_CBR_1 3_GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION_CBR_2

3_GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION_CBR_1

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5_SENTINEL LIGHTING SERVICE CLASSIFICATION_CBR_1 5_SENTINEL LIGHTING SERVICE CLASSIFICATION_CBR_2 5_SENTINEL LIGHTING SERVICE CLASSIFICATION_CBR_3

6_STREET LIGHTING SERVICE CLASSIFICATION_CBR_1 6_STREET LIGHTING SERVICE CLASSIFICATION_CBR_2 6_STREET LIGHTING SERVICE CLASSIFICATION_CBR_3 6_STREET LIGHTING SERVICE CLASSIFICATION_CBR_4

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7_microFIT SERVICE CLASSIFICATION_FX_RR_1

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.

Service Charge Rate Rider for Disposition of Deferral/Variance Accounts-Group 2 - effective until December 31, 2021 Rate Rider for Disposition of Account 1576 - effective until December 31, 2021 Rate Rider for Recovery of (year) Foregone Revenue - effective until December 31, 2021 Smart Metering Entity Charge - effective until December 31, 2022 Low Voltage Service Rate Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Rate Rider for Disposition of Deferral/Variance Accounts -Group 1 - effective until December 31, 2021 Retail Transmission Rate - Network Service Rate	\$ \$ \$ \$/kWh \$/kWh \$/kWh \$/kWh	36.15 (0.13) (0.09) 0.62 0.57 0.0014 0.0012 (0.0009) 0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate MONTHLY RATES AND CHARGES - Regulatory Component	\$/kWh	0.0052
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 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.

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	(0.0011)
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

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.

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	0.2579

EB-2020-0040

Niagara Peninsula Energy Inc. **TARIFF OF RATES AND CHARGES**

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously ap rs

oproved s	chedule	s of Rates,	Charges	and	Loss	Factor

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

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.

Service Charge (per customer) Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021 Rate Rider for Disposition of Account 1576 - effective until December 31, 2021	\$ \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	21.14 0.0147 0.0012 0.0012 (0.0011) (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 Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0030 0.0004 0.0005 0.25

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	(0.3675)
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 MONTHLY RATES AND CHARGES - Regulatory Component	\$/kW	1.5248
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection) Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021 Rate Rider for Disposition of Account 1576 - effective until December 31, 2021 Rate Rider for Recovery of (year) Foregone Revenue - effective until December 31, 2021	\$ \$/kW \$/kW \$/kW \$/kW \$/kW	0.74 2.8827 0.3669 0.4317 (0.3890) (0.0444) 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 Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0030 0.0004 0.0005 0.25

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 Independant 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

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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.

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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

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Fact	
	 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
ner	
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

Oth

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.

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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

Effective and Implementation Date January 1, 2021

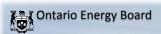
This schedule supersedes and replaces all previously

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 1.0317

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



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

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution rate Applications.

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

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

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

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kwh	RPP	1.0479	1.0422	750		CONSUMPTION	1
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kwh	RPP	1.0479	1.0422	2,000		CONSUMPTION	1
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kw	Non-RPP (Other)	1.0479	1.0422	65,000	180	DEMAND	1
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kwh	RPP	1.0479	1.0422	250		CONSUMPTION	1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kw	Non-RPP (Other)	1.0479	1.0422	44	0	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	kw	Non-RPP (Other)	1.0479	1.0422	50	0	DEMAND	1
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION								
STANDBY POWER SERVICE CLASSIFICATION								
RESIDENTIAL SERVICE CLASSIFICATION	kwh	Non-RPP (Retailer)	1.0479	1.0422	750		CONSUMPTION	1
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kwh	Non-RPP (Retailer)	1.0479	1.0422	2,000		CONSUMPTION	1
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

			Total							
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Α				В		С	Total Bill	
eg: Residential 100, Residential Retailer)		\$	%		\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kwh	\$ 2.88	8.6%	\$	2.33	5.8%	\$ 1.97	3.9%	\$ 1.58	1.3%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kwh	\$ 7.16	10.3%	\$	5.11	6.0%	\$ 4.14	3.8%	\$ 3.33	1.1%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ 107.49	14.3%	\$	87.22	10.1%	\$ 59.84	3.5%	\$ 19.90	0.2%
JNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kwh	\$ 0.46	1.9%	\$	0.20	0.8%	\$ 0.08	0.3%	\$ 0.06	0.1%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ 1.52	7.4%	\$	1.48	7.1%	\$ 1.47	6.8%	\$ 1.19	5.5%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ 0.18	9.4%	\$	0.13	5.8%	\$ 0.11	4.2%	\$ 0.13	1.3%
JNMETERED SCATTERED LOAD SERVICE CLASSIFICATION -										
STANDBY POWER SERVICE CLASSIFICATION -										
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kwh	\$ 2.88	8.6%	\$	2.41	6.1%	\$ 2.04	4.1%	\$ 1.64	1.5%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kwh	\$ 7.16	10.3%	\$	5.30	6.3%	\$ 4.34	4.0%	\$ 3.49	1.3%
				1						

Customer Class: RESIDENTIAL	SERVICE CLASSIFICATION				1			
RPP / Non-RPP: RPP	SERVICE CLASSIFICATION							
	kWh		1					
	kW							
Current Loss Factor 1.0479								
Proposed/Approved Loss Factor 1.0422								
1.0422	u							
		EB-Approved			Proposed		Im	pact
	Rate	Volume	Charge	Rate	Volume	Charge		~ ~
Marthly Cardia Obarra	(\$) \$ 33.67	1	(\$) \$ 33.67	(\$) \$ 36.15	1	(\$)	\$ Change \$ 2.48	% Change 7.37%
Nonthly Service Charge Distribution Volumetric Rate	\$ 33.67	750		\$ 30.15 \$ -		\$ 36.15 \$ -	\$ 2.48 \$ -	1.31%
Fixed Rate Riders	\$ -	/50	ъ \$-	\$ 0.40		\$ 0.40	\$ 0.40	
Volumetric Rate Riders	\$ -	750		\$ 0.40	750		\$ 0.40 \$ -	
Sub-Total A (excluding pass through)	-	750	\$ 33.67	Ψ -		\$ 36.55	\$ 2.88	8.55%
ine Losses on Cost of Power	\$ 0.1276	36	\$ 4.58	\$ 0.1276		\$ 4.04	\$ (0.55)	-11.90%
Total Deferral/Variance Account Rate	\$ 0.0012		•			\$ 0.23	\$ (0.68)	-75.00%
Riders							,	
CBR Class B Rate Riders		750		\$ -		\$ -	\$ -	
GA Rate Riders	\$ - \$ 0.0005	750 750	\$- \$0.38	\$ - \$ 0.0014		\$- \$1.05	\$- \$0.68	180.00%
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	\$ -	\$-	
Sub-Total B - Distribution (includes Sub-			\$ 40.10			\$ 42.43	\$ 2.33	5.82%
Total A)			-				•	
RTSR - Network	\$ 0.0074	786	\$ 5.82	\$ 0.0072	782	\$ 5.63	\$ (0.19)	-3.23%
RTSR - Connection and/or Line and	\$ 0.0054	786	\$ 4.24	\$ 0.0052	782	\$ 4.06	\$ (0.18)	-4.23%
Transformation Connection	· .							-4.23 <i>1</i> 0
Sub-Total C - Delivery (including Sub-			\$ 50.16			\$ 52.13	\$ 1.97	3.92%
Fotal B) Wholesale Market Service Charge				-				
Wholesale Market Service Charge	\$ 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%
FOU - Off Peak	\$ 0.1010	488	\$ 49.24		488	\$ 49.24	\$ -	0.00%
FOU - Mid Peak	\$ 0.1440	128	\$ 18.36	\$ 0.1440	128	\$ 18.36	\$ -	0.00%
IOU - On Peak	\$ 0.2080					\$ 28.08	\$ -	0.00%
				.,				
Total Bill on TOU (before Taxes)			\$ 149.15			\$ 151.10	\$ 1.95	1.31%
HST	139	6	\$ 19.39	13%		\$ 19.64	\$ 0.25	1.31%
Ontario Electricity Rebate	31.89		\$ (47.43)			• • • •	\$ (0.62)	
Untario Electricity Repate								

In the manager's summary, discuss the reason

Customer Class: GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION RPP / Non-RPP: RPP 2,000 kWh - kW 1.0479 1.0422 Consumption

Demand Current Loss Factor

Proposed/Approved Loss Factor

		Current OEB-Approved						Proposed]		
	Rate (\$)		Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)		\$ Change	% Change	
Monthly Service Charge	(ə) S	40.15	1	\$	40.15	\$	43.11	1	\$	43.11		2.96	7.37%	
Distribution Volumetric Rate	ŝ	0.0146	2000		29.20		0.0157	2000		31.40		2.20	7.53%	
Fixed Rate Riders	ŝ	-	2000	ŝ	-	ŝ	-	1	š	-	ŝ	-	1.0070	
Volumetric Rate Riders	ŝ	-	2000	\$	-	ŝ	0.0010	2000	ŝ	2.00	\$	2.00		
Sub-Total A (excluding pass through)	+			Š	69.35	Ť			Ś	76.51		7.16	10.32%	
Line Losses on Cost of Power	\$	0.1276	96	\$	12.22	\$	0.1276	84	\$	10.77	\$	(1.45)	-11.90%	1
Total Deferral/Variance Account Rate			0.000		0.40			0.000				(0.00)	04.070/	
Riders	\$	0.0012	2,000	\$	2.40	\$	0.0001	2,000	\$	0.20	\$	(2.20)	-91.67%	
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		~	0.57	¢		0.00%	
	¢	0.57		φ	0.57	Ð	0.57	1	Þ	0.57	φ	-	0.00%	
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$		\$	-		
Additional Volumetric Rate Riders			2,000	\$	-	\$	-	2,000	\$		\$	-		
Sub-Total B - Distribution (includes Sub-				\$	85.34				9	90.45	¢	5.11	5.98%	
Total A)				•					9		•	-		
RTSR - Network	\$	0.0067	2,096	\$	14.04	\$	0.0065	2,084	\$	13.55	\$	(0.49)	-3.51%	
RTSR - Connection and/or Line and	\$	0.0047	2.096	\$	9.85	\$	0.0045	2,084	\$	9.38	\$	(0.47)	-4.78%	
Transformation Connection	Ψ	0.0041	2,000	Ψ	0.00	•	0.0040	2,004	٠	0.00	Ψ	(0.47)	4.1070	In the ma
Sub-Total C - Delivery (including Sub-				\$	109.23				\$	113.38	\$	4.14	3.79%	
Total B)				•					•		•		0	
Wholesale Market Service Charge	\$	0.0034	2,096	\$	7.13	\$	0.0034	2,084	\$	7.09	\$	(0.04)	-0.54%	
(WMSC)	Ψ	0.0004	2,000	Ψ	7.10	•	0.0004	2,004	٠	1.00	Ψ	(0.0+)	0.0470	
Rural and Remote Rate Protection	\$	0.0005	2,096	\$	1.05	\$	0.0005	2,084	\$	1.04	\$	(0.01)	-0.54%	
(RRRP)	•		2,000					2,001	Ť			(0.01)		
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%	4
						1								ļ
Total Bill on TOU (before Taxes)				\$	372.80	1			\$	376.89		4.10	1.10%	
HST		13%		\$	48.46		13%		\$	49.00		0.53	1.10%	
Ontario Electricity Rebate		31.8%		\$	(118.55)		31.8%		\$	(119.85)		(1.30)		
Total Bill on TOU				\$	302.71				\$	306.04	\$	3.33	1.10%	L .

ager's summary, discuss the reasor

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

	C	B-Approved	1			Proposed	Impact				
	Rate		Volume	Charge		Rate	Volume	Charge			
	(\$)			(\$)		(\$)		(\$)	\$ Cha	nge	% 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	
Sub-Total A (excluding pass through)				\$ 751.20)			\$ 858.69	\$	07.49	14.31%
Line Losses on Cost of Power	\$	-	-	\$-	\$	-		\$ -	\$	-	
Total Deferral/Variance Account Rate	e	0.4750	180	\$ 85.50	e	0.0460	180	\$ 8.28	\$	(77.22)	-90.32%
Riders	Ŷ	0.4730		φ 00.00	Ψ	0.0400		φ 0.20	Ψ	(11.22)	-30.3270
CBR Class B Rate Riders	\$	-	180	\$-	\$	-	180	\$ -	\$	-	
GA Rate Riders	\$	-	65,000	\$-	\$	-	65,000	\$ -	\$	-	
Low Voltage Service Charge	\$	0.1612	180	\$ 29.02	2 \$	0.4776	180	\$ 85.97	\$	56.95	196.28%
Smart Meter Entity Charge (if applicable)	e	-	1	¢ .	¢	_	1	e .	¢		
	Ŷ	-		φ -	Ψ	-		¥ =	Ψ	-	
Additional Fixed Rate Riders	\$	-	1	\$-	\$	-	1	\$-	\$	-	
Additional Volumetric Rate Riders			180	\$-	\$	-	180	\$-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$ 865.71				\$ 952.94	\$	87.22	10.08%
Total A)				•					+		
RTSR - Network	\$	2.7628	180	\$ 497.30) \$	2.6864	180	\$ 483.55	\$	(13.75)	-2.77%
RTSR - Connection and/or Line and	۹.	1.9004	180	\$ 342.07	s	1.8247	180	\$ 328.45	\$	(13.63)	-3.98%
Transformation Connection	*	1.5004	100	φ 042:01	•	1.0241	100	ψ 020.40	Ψ	(10.00)	0.00%
Sub-Total C - Delivery (including Sub-				\$ 1,705.09				\$ 1,764.93	¢	59.84	3.51%
Total B)				φ 1,700.05	·			φ 1,104.00	Ŷ	00.04	0.0170
Wholesale Market Service Charge	\$	0.0034	68,114	\$ 231.59	s	0.0034	67,743	\$ 230.33	\$	(1.26)	-0.54%
(WMSC)	÷	0.000.	00,111	¢ 201.00	· ·	0.000.	01,110	•	Ŷ	(1.20)	0.0170
Rural and Remote Rate Protection	۹.	0.0005	68,114	\$ 34.06	5 \$	0.0005	67,743	\$ 33.87	\$	(0.19)	-0.54%
(RRRP)	*		00,114	-			01,140			(0.10)	
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%
									-		
Total Bill on Average IESO Wholesale Market Price				\$ 9,470.28				\$ 9,487.89		17.61	0.19%
HST		13%		\$ 1,231.14	L I	13%		\$ 1,233.43	\$	2.29	0.19%
Ontario Electricity Rebate		31.8%		\$-		31.8%		\$-			
Total Bill on Average IESO Wholesale Market Price				\$ 10,701.42	2			\$ 10,721.31	\$	19.90	0.19%

Customer Class:	UNMETERED S	CATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP		
Consumption	250	kWh	
Demand	-	kW	

Current Loss Factor 1.0479
Proposed/Approved Loss Factor 1.0422

		Current O	EB-Approve	d				Proposed	1		Т	Im		
		Rate	Volume		Charge		Rate	Volume		Charge				
Monthly Service Charge	¢	(\$) 20.73	1	\$	(\$) 20.73	\$	(\$)	1	\$	(\$)	¢	\$ Change 0.41	% Change 1.98%	
Distribution Volumetric Rate	¢.	0.0144	250	\$	3.60	\$	0.0147	250		3.68			2.08%	
Fixed Rate Riders	¢.	0.0144	200	φ \$	3.00	\$	0.0147	230	ŝ	5.00	\$		2.00%	
Volumetric Rate Riders	¢.	-	250	Ψ	-	¢	(0.0001)	250	-	(0.03)				
Sub-Total A (excluding pass through)	Ŷ	-	230	\$	24.33	φ	(0.0001)	230	ŝ	24.79			1.89%	
Line Losses on Cost of Power	\$	0.1276	12		1.53	\$	0.1276	11	¥	1.35			-11.90%	
Total Deferral/Variance Account Rate	Ť.			· ·								,		
Riders	\$	0.0012	250	\$	0.30	\$	0.0001	250	\$	0.03	\$	\$ (0.28)	-91.67%	
CBR Class B Rate Riders	\$	-	250	\$	-	\$	-	250	\$		\$	s -		
GA Rate Riders	ŝ	-	250	\$	-	ŝ	-	250	ŝ		\$			
Low Voltage Service Charge	ŝ	0.0004	250	\$	0.10	ŝ	0.0012	250	ŝ	0.30	\$		200.00%	
Smart Meter Entity Charge (if applicable)	•	0.0001	200	·	0.10		0.0012			0.00			200.0070	
omart wotor Entry onarge (ir applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	5 -		
Additional Fixed Rate Riders	\$	-	1	\$	-	\$		1	\$		\$	- 6		
Additional Volumetric Rate Riders	•		250	\$	-	ŝ	-	250	ŝ		Ś			
Sub-Total B - Distribution (includes Sub-											Ľ.			
Total A)				\$	26.26				\$	26.46	\$	\$ 0.20	0.77%	
RTSR - Network	\$	0.0067	262	\$	1.76	\$	0.0065	261	\$	1.69	\$	6 (0.06)	-3.51%	
RTSR - Connection and/or Line and	\$	0.0047	262	\$	1.23	•	0.0045	261		1.17	\$	6 (0.06)	-4.78%	
Transformation Connection	Þ	0.0047	202	φ	1.23	\$	0.0045	201	\$	1.17	\$	¢ (0.06)	-4.70%	In the manage
Sub-Total C - Delivery (including Sub-				\$	29.24				\$	29.33	\$	6 0.08	0.28%	
Total B)				φ	23.24				φ	29.33	4	p 0.08	0.20%	
Wholesale Market Service Charge	\$	0.0034	262	\$	0.89	\$	0.0034	261	\$	0.89	\$	6 (0.00)	-0.54%	
(WMSC)	φ	0.0034	202	φ	0.09	φ	0.0034	201	Φ	0.05	φ	¢ (0.00)	-0.54 /0	
Rural and Remote Rate Protection	¢	0.0005	262	\$	0.13	\$	0.0005	261	\$	0.13	\$	6 (0.00)	-0.54%	
(RRRP)	φ		202	φ		φ		201	•			,		
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25		\$	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%	
Total Bill on TOU (before Taxes)				\$	62.41				\$	62.49			0.12%	
HST		13%		\$	8.11		13%		\$	8.12			0.12%	
Ontario Electricity Rebate		31.8%		\$	(19.85)		31.8%		\$	(19.87)				
Total Bill on TOU				\$	50.68				\$	50.74	\$	\$ 0.06	0.12%	

In the manager's summary, discuss the reaso

% Change

7.38% 7.38%

7.35%

-90.10%

196.29%

7.06%

-2.77%

-3.99%

6.85%

-0.54%

-0.54%

0.00%

0.00%

5.49%

5.49%

5.49%

-														
Customer Class:	SENTINEL LIG	HTING S	SERVICE CLASSIFICATIO	N										
RPP / Non-RPP:														
Consumption		kWh												
Demand	0	kW												
Current Loss Factor	1.0479													
Proposed/Approved Loss Factor	1.0422													
											1	—		
				EB-Approved	d	0	_		Proposed		0	⊢	lm	pact
			Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)		\$ Change	% C
Monthly Service Charge		¢	(\$) 18.03	1	\$	18.03	\$	(\$)	1	\$	(\$)			70 U
Distribution Volumetric Rate		ŝ	22.4995	0.12		2.70	¢	24.1590	0.12	-	2.90		0.20	
Fixed Rate Riders		ŝ	-	0.12	\$	-	ŝ	-	1	ŝ	-	\$	-	
Volumetric Rate Riders		\$	-	0.12	\$		š	(0.0418)	0.12	š	(0.01)	\$	(0.01)	
Sub-Total A (excluding pass through)					\$	20.73	1			\$	22.25	\$	1.52	
Line Losses on Cost of Power		\$	0.1101	2	\$	0.23	\$	0.1101	2	\$	0.20	\$	(0.03)	
Total Deferral/Variance Account Rate		¢	0.4079	0	\$	0.05	\$	0.0404	0	\$	0.00	\$	(0.04)	
Riders		, w	0.4015	-	Ť	0.00	Ť	0.0404	-		0.00	, i	(0.04)	
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	
Smart Meter Entity Charge (if applicable)		\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Fixed Rate Riders		\$	-	1	\$		\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders		Ť		0		-	š	-	0	ŝ	-	ŝ	-	
Sub-Total B - Distribution (includes Sub-					\$	21.03				\$	22.51	\$	1.48	
Total A)					•					+		•	-	
RTSR - Network		\$	2.0455	0	\$	0.25	\$	1.9889	0	\$	0.24	\$	(0.01)	
RTSR - Connection and/or Line and		\$	1.5881	0	\$	0.19	\$	1.5248	0	\$	0.18	\$	(0.01)	
Transformation Connection		Ľ			-		•		-	*		Ť	(0.0.)	
Sub-Total C - Delivery (including Sub- Total B)					\$	21.46				\$	22.93	\$	1.47	
Wholesale Market Service Charge (WMSC)		\$	0.0034	46	\$	0.16	\$	0.0034	46	\$	0.16	\$	(0.00)	
Rural and Remote Rate Protection		\$	0.0005	46	\$	0.02	\$	0.0005	46	\$	0.02	\$	(0.00)	
(RRRP)		^	0.05		¢	0.05		0.05			0.05		. ,	

0.25 0.1101

13%

31.8%

\$

1\$ 44\$

\$

\$ \$

\$

0.25 **\$** 4.84 **\$**

26.74 3.48 (8.50) 21.71 0.25 0.1101

13%

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1 \$ 44 \$

\$

\$

0.25 \$ 4.84 \$

28.21 \$ 3.67 \$ (8.97)

22.90

\$

-

.

1.47 0.19

1.19

Standard Supply Service Charge

Ontario Electricity Rebate

HST

Average IESO Wholesale Market Price

Total Bill on Average IESO Wholesale Market Price

Total Bill on Average IESO Wholesale Market Price

Customer Class: ST	REET LIGHT	ING SER	/ICE CLASSIFICATION]			
RPP / Non-RPP: Nor	n-RPP (Othe	r)											
Consumption	50	kWh											
Demand	0	kW											
Current Loss Factor	1.0479												
Proposed/Approved Loss Factor	1.0422												
			Rate	EB-Approved Volume		Charge		Rate	Proposed Volume	Charge	-	Im	pact
			(\$)	volume		Charge (\$)		Kate (\$)	voiume	(\$)		\$ Change	% Change
Monthly Service Charge		\$	1.27	1	\$	1.27	\$	0.74	1	\$ 0.74	\$	(0.53)	-41.73%
Distribution Volumetric Rate		\$	4.9783	0.13	\$	0.65	\$	2.8827	0.13	\$ 0.37	7 \$	(0.27)	-42.09%
Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$ -	\$		
Volumetric Rate Riders		\$	-	0.13		-	\$	7.5593	0.13	\$ 0.98			
Sub-Total A (excluding pass through)					\$	1.92				\$ 2.10		0.18	9.40%
Line Losses on Cost of Power		\$	0.1101	2	\$	0.26	\$	0.1101	2	\$ 0.23	3 \$	(0.03)	-11.90%
Total Deferral/Variance Account Rate		\$	0.4317	0	\$	0.06	\$	0.0427	0	\$ 0.01	\$	(0.05)	-90.11%
Riders		•					÷.					. ,	
CBR Class B Rate Riders		\$	-	0	\$	-	\$	-	0	\$ -	\$		
GA Rate Riders		\$	0.1239	50 0	\$ \$	- 0.02	\$	0.3669	50 0	\$ - \$ 0.05	\$ 5 \$		196.13%
Low Voltage Service Charge Smart Meter Entity Charge (if applicable)		Þ	0.1239	0	Ф	0.02	Φ	0.3009	U	ə 0.03	φ	0.03	190.13%
Smart Meter Entity Charge (ir applicable)		\$	-	1	\$	-	\$	-	1	\$-	\$	-	
Additional Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$ -	\$	-	
Additional Volumetric Rate Riders		*		0	\$	-	ŝ	-	0	š -	\$		
Sub-Total B - Distribution (includes Sub-					¢	0.05				¢ 0.00		0.13	E 370
Total A)					\$	2.25				\$ 2.38	3 \$	0.13	5.77%
RTSR - Network		\$	2.0884	0	\$	0.27	\$	2.0306	0	\$ 0.20	5 \$	(0.01)	-2.77%
RTSR - Connection and/or Line and		\$	1,4600	0	\$	0.19	\$	1.4018	0	\$ 0.18	3 \$	(0.01)	-3.99%
Transformation Connection		Ψ	1.4000	0	Ψ	0.13	Ψ	1.4010	U	φ 0.10	Ψ	(0.01)	-5.337
Sub-Total C - Delivery (including Sub-					\$	2.71				\$ 2.83	3 \$	0.11	4.23%
Total B)					*					•	•	••••	
Wholesale Market Service Charge (WMSC)		\$	0.0034	52	\$	0.18	\$	0.0034	52	\$ 0.18	3\$	(0.00)	-0.54%
Rural and Remote Rate Protection													
(RRRP)		\$	0.0005	52	\$	0.03	\$	0.0005	52	\$ 0.03	3 \$	(0.00)	-0.54%
Standard Supply Service Charge		\$	0.25	1	\$	0.25	\$	0.25	1	\$ 0.25	5 \$	-	0.00%
Average IESO Wholesale Market Price		\$	0.1101	50	\$	5.51	\$	0.1101	50	\$ 5.5	1 \$	-	0.00%
Total Bill on Average IESO Wholesale Market	t Price				\$	8.67	1				9 \$		1.31%
HST			13%		\$	1.13	l	13%		\$ 1.14	1 \$	0.01	1.31%
Ontario Electricity Rebate			31.8%		\$	-		31.8%		\$ -			
Total Bill on Average IESO Wholesale Market	t Price				\$	9.80				\$ 9.93	3 \$	0.13	1.31%

Customer Class: RESIDEN							1			
RPP / Non-RPP: Non-RPP	(Retailer)	CLASSIFICATION					1			
Consumption	750 kWh									
Demand	- kW									
	0479									
	0422									
	0422									
			B-Approved			Proposed		I	npact	
		Rate	Volume	Charge	Rate	Volume	Charge			
	¢	(\$) 33.67	4	(\$)	(\$)		(\$)	\$ Change	% Change 7.37%	
Monthly Service Charge	\$	33.67	1		\$ 36.1 \$ -	750	\$ 36.15	1	7.37%	
Distribution Volumetric Rate Fixed Rate Riders	¢	-	750		\$ - \$ 0.4		\$ 0.40	\$ -		
Volumetric Rate Riders	\$ \$	-	750	\$ -	\$ 0.4 \$ -	750		\$ 0.40 \$ -		
Sub-Total A (excluding pass through)		-	750	\$ <u>33.67</u>	φ -	750	\$ 36.55	Ψ	8.55%	
Line Losses on Cost of Power	\$	0.1101	36		\$ 0.110	32				
Total Deferral/Variance Account Rate	+				•		-			
Riders	\$	0.0012	750	\$ 0.90	\$ 0.000	750	\$ 0.23	\$ (0.68)	-75.00%	
CBR Class B Rate Riders	\$	-	750	\$ -	\$ -	750	\$ -	\$ -		
GA Rate Riders	Ś	-	750	\$ -	š -	750	š -	\$ -		
Low Voltage Service Charge	\$	0.0005	750	\$ 0.38	\$ 0.001		\$ 1.05	\$ 0.68	180.00%	
Smart Meter Entity Charge (if applicable)	\$	0.57	1	¢ 0.57	\$ 0.5	. 1	\$ 0.57		0.000/	
, , , ,	Þ	0.57	1	\$ 0.57	\$ 0.5	1	\$ 0.57	\$-	0.00%	
Additional Fixed Rate Riders	\$	-	1	\$-	\$ -	1	\$-	\$-		
Additional Volumetric Rate Riders			750	\$-	\$-	750	\$-	\$ -		
Sub-Total B - Distribution (includes Sub-				\$ 39.47			\$ 41.88	\$ 2.41	6.10%	
Total A)				•				-		
RTSR - Network	\$	0.0074	786	\$ 5.82	\$ 0.007	782	\$ 5.63	\$ (0.19)	-3.23%	
RTSR - Connection and/or Line and	\$	0.0054	786	\$ 4.24	\$ 0.005	782	\$ 4.06	\$ (0.18)	-4.23%	
Transformation Connection	•			•	•		•	· • (•··•)		In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-				\$ 49.53			\$ 51.57	\$ 2.04	4.12%	
Total B) Wholesale Market Service Charge										
(WMSC)	\$	0.0034	786	\$ 2.67	\$ 0.003	782	\$ 2.66	\$ (0.01)	-0.54%	
Rural and Remote Rate Protection										
(RRRP)	\$	0.0005	786	\$ 0.39	\$ 0.000	782	\$ 0.39	\$ (0.00)	-0.54%	
Standard Supply Service Charge										
Non-RPP Retailer Avg. Price	\$	0.1101	750	\$ 82.58	\$ 0.110	750	\$ 82.58	s -	0.00%	
Non-Art Retailer Avg. The	Ŷ	0.1101	100	φ 02.00	φ 0.110	100	φ 02.00	Ų.	0.0070	
Total Bill on Non-RPP Avg. Price				\$ 135.17			\$ 137.20	\$ 2.03	1.50%	
HST		13%		\$ 17.57	13	6	\$ 17.84			
Ontario Electricity Rebate		31.8%		\$ (42.98)	31.8		\$ (43.63			
Total Bill on Non-RPP Avg. Price		511070		\$ 109.76	2110		\$ 111.40		1.50%	
M									1	1

Customer Class:	GENERAL SER	VICE LESS THAN 50 KW SERVICE CLASSIF	CATION
RPP / Non-RPP:	Non-RPP (Reta	iler)	
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0479		
Proposed/Approved Loss Factor	1.0422]	

	Current O	EB-Approved	ł		Proposed	ł	Im	pact]
	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		
Sub-Total A (excluding pass through)			\$ 69.35			\$ 76.51	\$ 7.16	10.32%	
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	\$ 0.0012	2,000	\$ 2.40	\$ 0.0001	2,000	\$ 0.20	\$ (2.20)	-91.67%	
Riders	\$ 0.0012	2,000	φ <u>2.40</u>	\$ 0.0001	2,000	ə 0.20	φ (2.20)	-91.07%	
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	4	\$ 0.57	\$ -	0.00%	
	\$ 0.57		ə 0.57	φ 0.57	1	\$ 0.57	φ -	0.00%	
Additional Fixed Rate Riders	\$ -	1	\$-	\$ -	1	\$ -	\$-		
Additional Volumetric Rate Riders		2,000	\$-	\$ -	2,000	\$ -	\$-		
Sub-Total B - Distribution (includes Sub-			\$ 83.67			\$ 88.97	\$ 5.30	6.34%	
Total A)			•				-		
RTSR - Network	\$ 0.0067	2,096	\$ 14.04	\$ 0.0065	2,084	\$ 13.55	\$ (0.49)	-3.51%	
RTSR - Connection and/or Line and	\$ 0.0047	2,096	\$ 9.85	\$ 0.0045	2,084	\$ 9.38	\$ (0.47)	-4.78%	
Transformation Connection	\$ 0.0047	2,030	φ 9.00	φ 0.0043	2,004	ψ 3.50	ψ (0.47)	-4.7078	In the manager's summary, discuss
Sub-Total C - Delivery (including Sub-			\$ 107.56			\$ 111.90	\$ 4.34	4.04%	
Total B)			\$ 107.50			φ 111.30	φ 4.54	4.0478	
Wholesale Market Service Charge	\$ 0.0034	2,096	\$ 7.13	\$ 0.0034	2,084	\$ 7.09	\$ (0.04)	-0.54%	
(WMSC)	\$ 0.0034	2,030	φ 7.15	φ 0.0034	2,004	φ 1.05	φ (0.04)	-0.3478	
Rural and Remote Rate Protection	\$ 0.0005	2,096	\$ 1.05	\$ 0.0005	2,084	\$ 1.04	\$ (0.01)	-0.54%	
(RRRP)	* 0.0000	2,000	φ 1.00	φ 0.0000	2,004	ψ 1.04	φ (0.01)	0.0470	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$-	0.00%	
Total Bill on Non-RPP Avg. Price			\$ 335.93			\$ 340.23		1.28%	
HST	13%		\$ 43.67	13%			\$ 0.56	1.28%	
Ontario Electricity Rebate	31.8%	1	\$ (106.83)	31.8%		\$ (108.19)			1
Total Bill on Non-RPP Avg. Price			\$ 272.78			\$ 276.27	\$ 3.49	1.28%	