



Northern Ontario Wires Inc.
153 Sixth Avenue
Cochrane, ON
P0L 1C0

November 25, 2019

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

Re: 2020 IRM Application EB-2019-0058

Dear Ms. Walli:

Northern Ontario Wires Inc. hereby submits 2020 IRM Application for rates effective May 1, 2020.

An electronic copy has been submitted to the Board through the RESS system.

This document is being filed pursuant to the Board's e-Filing Services.

Yours Truly,

NORTHERN ONTARIO WIRES INC.

Geoffrey Sutton, CPA, CA
Chief Financial Officer



Northern Ontario Wires Inc.

2020 IRM Application Application EB-2019-0058

Rates Effective: May 1, 2020

Date Filed: November 25, 2019

**Northern Ontario Wires Inc.
153 Sixth Avenue
Cochrane, ON
P0L 1C0**



File Number: EB-2019-0058

Date Filed: November 25, 2019

Exhibit 1

2020 IRM APPLICATION



File Number: EB-2019-0058

Date Filed: November 25, 2019

Exhibit 1

Tab 1 of 2

Administration



File Number: EB-2019-0058

Table of Contents

Exhibit: 1
Tab: 1
Schedule: 1
Page: 1 of 1

Date Filed: November 25, 2019

Table of Contents

Title	Reference
1.0 2020 IRM APPLICATION	E1
1.1 Administration	E1\T1
1.1.1 Table of Contents	E1\T1\S1
1.1.2 Legal Application	E1\T1\S2
1.1.3 Certification of Evidence	E1\T1\S3
1.1.4 Statement of Publication	E1\T1\S4
1.1.5 Managers Summary	E1\T1\S5
1.2 Appendices	E1\T2
1.2.1.1 Appendix 1 – Decision and Order EB-2018-0058	E1\T2\S1\App1
1.2.1.2 Appendix 2 – Rate Generator Model	E1\T2\S1\App2
1.2.1.3 Appendix 3 – GA Analysis Workforms for 2017 & 2018	E1\T2\S1\App3
1.2.1.4 Appendix 4 – Bill Impacts	E1\T2\S1\App4
1.2.1.5 Appendix 5 – OEB Appendix A GA Methodology	E1\T2\S1\App5
1.2.1.6 Appendix 6 – 2020 IRM Checklist	E1\T2\S1\App6



1 Legal Application

2

3 **ONTARIO ENERGY BOARD**
4 **IN THE MATTER OF** the *Ontario Energy Board Act, 1998*,
5 *S.O.1998,c.15 (Sched. B)*

6
7 **AND IN THE MATTER OF** an Application by Northern
8 Ontario Wires Inc. for an Order or Orders pursuant to
9 section 78 of the *Ontario Energy Board Act, 1998* for
10 2020 distribution rates and related matters.

- 11
- 12 1. The Applicant is Northern Ontario Wires Inc. ("NOW Inc."). NOW Inc. is a licensed
13 electricity distributor operating pursuant to license [ED-2003-0018](#). NOW Inc. distributes
14 electricity to approximately 6,000 customers in the Town of Cochrane, Town of Iroquois
15 Falls and Town of Kapuskasing and charges Board-authorized rates (EB-2018-0058) for
16 the distribution service it provides.
17
 - 18 2. NOW Inc. hereby applies to the Ontario Energy Board (the "Board") for an order or
19 orders made pursuant to Section 78 of the *Ontario Energy Board Act, 1998*, as amended,
20 (the "OEB Act") approving just and reasonable rates for the distribution of electricity
21 based on a 2020 4th Generation Incentive Rate-setting ("4GIR") application, effective
22 May 1, 2020.
23
 - 24 3. Specifically, NOW Inc. hereby applies for an order or orders granting distribution rates
25 updated and adjusted in accordance with Chapter 3 of the Filing Requirements for
26 Electricity Distribution Rate Applications updated July 12, 2018 ("Filing Requirements")
27 and the Addendum to Filing Requirements for Electricity Rate Applications issued July
28 15, 2019, including the following:
 - 29 a. an adjustment to the retail transmission service rates as provided in
30 Guideline (G-2008-0001) on Retail Transmission Service Rates – October 22,
31 2008 (Revision 4.0 June 28,2012);
 - 32 b. The continuation of all other Specific Service Charges, Retail Service Charges
33 and Loss Factors as approved in the 2017 Cost of Service Application EB-
34 2016-0096.
 - 35
36 4. This Application is supported by written evidence that may be amended from time to
37 time, prior to the Board's final decision on this Application.
38



File Number: EB-2019-0058

Exhibit: 1
Tab: 1
Schedule: 2
Page: 2 of 2

Date Filed: November 25, 2019

- 1 5. In the event that the Board is unable to provide a Decision and Order in this Application
2 for implementation by the Applicant as of May 1, 2020, NOW Inc. requests that the
3 Board issue an Interim Rate Order declaring the current Distribution Rates and Specific
4 Service Charges as interim until the decided implementation date of the approved 2020
5 distribution rates.
6
- 7 6. In the event that the effective date does not coincide with the Board's decided
8 implementation date for 2020 distribution rates and charges, NOW Inc. requests
9 permission to recover the incremental revenue from the effective date to the
10 implementation date.
11
- 12 7. The Applicant requests that, pursuant to Section 34.01 of the Board's Rules of Practice
13 and Procedure, this proceeding be conducted by way of written hearing.
14
- 15 8. The Applicant requests that a copy of all documents filed with the Board in this
16 proceeding be served on the Applicant as follows:
17

18 Northern Ontario Wires Inc.
19 153 Sixth Avenue
20 Cochrane, ON
21 P0L 1C0

22
23 Attention:
24 Geoffrey Sutton, CPA, CA
25 Chief Financial Officer
26 E-mail: geoffs@nowinc.ca
27 Tel: 705.272.2918
28 Fax: 705.272.3015
29

30 DATED at Cochrane, Ontario, this 25th day of November, 2019.

31

32 **All of which is respectfully submitted.**

33 **NORTHERN ONTARIO WIRES INC.**

34

35 Geoffrey Sutton, CPA, CA

36 Chief Financial Officer



File Number: EB-2019-0058

Exhibit: 1
Tab: 1
Schedule: 3
Page: 1 of 1

Date Filed: November 25, 2019

1 **Certification of Evidence**

2

3 As the Chief Financial Officer of Northern Ontario Wires Inc., I certify that the evidence filed in
4 NOW Inc.'s 2020 4th Generation rate application is accurate to the best of my knowledge. The
5 filing is consistent with the requirements of Chapter 3 of the Filing Requirements for Electricity
6 Distribution Rate Applications revised on July 12, 2018 and Addendum to Filing Requirements
7 for Electricity Distribution Rate Applications Issued July 15, 2019.

8

9

10

11 Geoffrey Sutton, CPA, CA

12 Chief Financial Officer

13



File Number: EB-2019-0058

Exhibit: 1

Tab: 1

Schedule: 4

Page: 1 of 1

Date Filed: November 25, 2019

1 Statement of Publication

2

3 The 2020 Application and related documents will be posted on NOW Inc.'s website at

4 www.northernontariowires.com.

5



1 Manager's Summary

2

3 Northern Ontario Wires Inc. ("NOW Inc.") hereby submits a complete application for the
4 approval of distribution rates proposed to be effective May 1, 2020 under the 2020 4th
5 Generation Incentive Rate-setting mechanism ("4GIR").

6

7 For purposes of the 2020 4GIR application, NOW Inc. has relied upon the following OEB issued
8 documents and guidelines:

9

- 10 • Chapter 3 of the Filing Requirements for Electricity Distribution Rate
11 Applications updated on July 12, 2018 ("Filing Requirements")
- 12 • Addendum to Filing Requirements for Electricity Distribution Rate
13 Applications issued July 15, 2019
- 14 • Guideline (G-2008-0001) on Retail Transmission Service Rates – October
15 22, 2008 (Revision 4.0, June 28, 2012) known as ("RSTR Guidelines")
- 16 • Guidelines for Electricity Distributor Conservation And Demand
17 Management EB-2016-0182, dated May 19, 2016

18

19 Listed below are the specific items to be addressed in the Manager's Summary and reflected in
20 the 4GIR models:

21

- 22 1. Overview
- 23 2. Shared Tax Savings
- 24 3. Retail Transmission Service Charges
- 25 4. Price Cap Adjustment
- 26 5. LRAM Variance Account ("LRAMVA")
- 27 6. Global Adjustment
- 28 7. Proposed Deferral and Variance Account Balance Disposition
- 29 8. Proposed Rates and Bill Impacts



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1. Overview

NOW Inc.'s last Cost of Service application was filed under application number EB-2016-0096 for rates effective May 1, 2017. A full settlement was reached by all parties and the OEB issued a Decision and Rate Order on March 23, 2017. NOW Inc.'s last IRM application was filed under application EB-2018-0058 for rates effective May 1, 2019. The OEB issued a Decision and Rate Order on March 28, 2019.

Below is a list of the key items related to NOW Inc.'s 2017 rate application and NOW Inc.'s 2019 4GIR which form the basis for the 2020 4GIR.

- NOW Inc. is following the International Financial Reporting Standards (IFRS) since January 1, 2015.
- The revenue-to-cost ratios require no further adjustments through the 4GIR period.
- NOW Inc. disposed of Group 1 Deferral/Variance accounts in the 2019 IRM application. For the 2020 IRM application, NOW Inc. is proposing to dispose of Group 1 Deferral/Variance accounts.

There are no outstanding Board Orders affecting this current application.

The billing determinants that were pre-populated in the models have been verified and are accurate.

NOW Inc.'s transition to fully fixed distribution revenue charge for residential customers was completed in the 2019 rate application.



1 This Application will affect all ratepayers in NOW Inc.'s service territory. The total bill impacts
2 are proposed to be less than 0.3% for all rate classes including the Residential customers at the
3 10th percentile.

4 **2. Tax Change**

5 NOW Inc.'s corporate tax rate included in its 2017 Cost of Service Application is 15.0%. The
6 rate effective in 2020 is anticipated to be 12.5%.

7

8 The OEB has determined that under a 4GIR plan, a 50/50 sharing of the impact of currently
9 known legislated tax changes as applied to the tax level reflected in the Board approved base
10 rates for a distributor applies.

11

12 Currently, there is a variance between the current corporate tax rate of 12.5% and the 15%
13 embedded in NOW Inc.'s base rates. NOW Inc. has completed the Board's 2019 Tax Sharing
14 Model included in the Rate Generator Model attached as Appendix 2. The allocated tax sharing
15 amount does not produce a rate rider, as such NOW Inc. will transfer the \$4,087 credit balance
16 to the 1595 account for disposition at a later date if approved.

17

18 **3. Retail Transmission Service Rates**

19 NOW Inc. is charged retail transmission service rates by both the Independent Electricity
20 System Operator ("IESO"), and by Hydro One Networks, and in turn has established approved
21 rates to charge customers in order to recover those expenses.

22

23 The OEB provided IRM model compares the current retail transmission costs and retail
24 transmission revenues to the projected transmission costs. NOW Inc. has completed the model
25 utilizing the best available information; NOW Inc. acknowledges that the rates are expected to
26 be updated with potential changes to one, or both, of the IESO or Hydro One transmission
27 service rates.

28



1 Those updates will be incorporated into this application prior to a final decision by the Board.
 2 The billing determinants used for calculation of the RTSR rates are the most recent billing
 3 determinants as reported in 2.1.5 of the RRR filings for the year end December 31, 2018. The
 4 loss factor of 1.0694 is used in Tab 20 of the IRM model as this is the approved loss factor
 5 applicable in Now Inc.'s recent 2017 Cost of Service application. NOW Inc. applied this loss
 6 factor as it will be the loss factor applied to customer billing in 2020.

7
 8 For purposes of this application NOW Inc. proposes to use the following rates as generated by
 9 the 2020 IRM OEB model as filed with this application.

Rate Class	Rate Description	Unit	Proposed Retail Transmission Rate
RESIDENTIAL	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
RESIDENTIAL	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0030
GENERAL SERVICE LESS THAN 50 KW	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
GENERAL SERVICE LESS THAN 50 KW	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029
GENERAL SERVICE 50 TO 4,999 KW	Retail Transmission Rate - Network Service Rate	\$/kW	2.3769
GENERAL SERVICE 50 TO 4,999 KW	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1302
UNMETERED SCATTERED LOAD	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
UNMETERED SCATTERED LOAD	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029
STREET LIGHTING	Retail Transmission Rate - Network Service Rate	\$/kW	1.7927
STREET LIGHTING	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8736

10

11 **4. Price Cap Adjustment**

12 Based on the current price cap parameters, the Rate Generator model reflects an adjustment of
 13 1.5% to base distribution rates. That calculation is based on a price escalator of 1.5%, less a
 14 productivity factor of 0.0%, and less a stretch factor of 0.0%. NOW Inc. acknowledges that these



1 parameters will be adjusted by the Board in its final decision to reflect the updated price
2 escalator, productivity factor and stretch factor.

4 **5. LRAM Variance Account**

5 NOW Inc. is not proposing recovery of LRAMVA pertaining to CDM program activities. NOW
6 Inc. believes that the balance is insignificant at this time.

7
8 NOW Inc.'s 2017 Cost of Service application concluded the claim for LRAM for 2012, 2013 and
9 2014 programs with persistence to 2014.

11 **6. Global Adjustment**

12 NOW Inc. uses the first estimate to bill customers and is applicable to all rate classes. The
13 monthly settlements are completed within four business days after month end. This entails
14 settling the difference between RPP Pricing and Spot rate. This is done with both Time of Use
15 (TOU) and conventional meters.

16
17 TOU Meters are read at month end based on the calendar month. There is no estimate for
18 these meters as actual consumption is provided. The data is separated by off-peak, mid-peak,
19 and on-peak. The amounts billed to customers are compared against the actual consumption at
20 the market rate and the difference is reported and settled with the IESO.

21
22 Conventional meters are read on the first of the month so no estimation is required. The
23 consumption is allocated to the two tiers. The amount charged at fixed rates is then compared
24 against the market rate and settled with the IESO.

25
26 NOW utilizes monthly workbooks to track the RPP settlement and resulting monthly RSVA
27 balances in accordance with the OEB model. NOW Inc. keeps the book open which allows the
28 invoices and true ups to be recorded in the appropriate accounting period. As such entries are
29 recorded in the correct periods while accruals are done more timely due the calendar month



File Number: EB-2019-0058

Exhibit: 1
Tab: 1
Schedule: 5
Page: 6 of 9

Date Filed: November 25, 2019

1 billing cycle. The global adjustment has been initially recorded in account 4707 and is then
2 reallocated based on the proper splits.

3

4 As part of the RPP settlement process, NOW Inc. provides estimates to the IESO based on
5 historical consumption and true up the consumption monthly as a part of its settlement true up
6 process as described below. The actual data is available in the subsequent month's billing
7 batches.

8

9 NOW Inc.'s current true up process is completed monthly. This entails aligning the consumption
10 months to the proper rate months and calculating the variance using the actual GA rate versus
11 what was originally submitted. The true ups are then recorded in the correct period. This
12 process will not deviate with the new guidance, as NOW Inc. bills on a calendar month basis.
13 The true ups will use the new OEB model template as opposed to the historic method although
14 results were not materially different.

15

16 NOW Inc. acknowledges the guidance on disposition in the OEB letter dated May 23, 2017
17 which has been previously adopted, along with the OEB letter dated February 21, 2019,
18 **Accounting Guidance related to Accounts 1588 Power, and 1589 RSVA Global**
19 **Adjustment** and has been incorporated into operations effective January 1, 2019. NOW Inc.
20 has commenced using the OEB model as a template and are carrying forward under that
21 guidance. NOW Inc. is sourcing a supplier that can provide detailed data for the thirteen Micro-
22 FIT customers. This thirteen Micro-FITs are not material and do not have a significant impact on
23 the profile of the utility.

24

25 NOW Inc. has considered this accounting guidance in respect of historic balances in 2017 that
26 have not been disposed on a final basis. There is no material variance in the noted comparing
27 the historic balances to those calculated with the new methodology. A variance in account 1589
28 is approximately \$5,000, as a result, no adjustments were made to the accounts in relation the
29 review.

30



1 The review entailed completing the OEB model with the appropriate data along with the
2 included true up calculations and journal entries. The entries were then transferred to a monthly
3 continuity schedule that shows the monthly general ledger balance. This was compared to the
4 existing continuity schedules to determine that no material differences existed.

5

6 As a result of the review and the confidence that there are no systematic issues with the RPP
7 settlement and related accounting processes, NOW Inc. requests that the interim disposition
8 issued in the March 28, 2019 Decision in EB-2018-0058, be deemed final disposition.

9

10 NOW Inc.'s internal controls into validating consumption figures is to review the reconciliation
11 and true up workbooks compared to actual data. The GA Analysis workbook is used to evaluate
12 potential discrepancies. Additionally, a variance reconciliation spreadsheet for accruals is
13 completed and recorded to ensure accuracy of ledger accounts.

14

15 NOW Inc. has completed the GA Analysis workform for 2017 and 2018 to help assess the
16 annual balance in Account 1589. The workform contains the explanations of the reconciling
17 items. The main reconciling items for 2017 include the variance calculated resulting from the
18 RPP/Non-RPP consumption split which has been adjusted in the DVA through and adjustment
19 for 2017 balances for (\$252,264). This split adjustment removes the Class A consumption from
20 the split calculation for NOW Inc.'s first Class A customer. Manual adjustments to the GA
21 charged on the IESO invoice were also included as a reconciling item for \$37,875 which offsets
22 (\$39,660) item that is awaiting correction from the IESO for an identified GA variance for
23 December 2017.

24 The Unresolved difference of \$2,543 is not material as it is 0.0% of the expected GA Payments
25 to the IESO.

26

27 The reconciling items for 2018 workform are for manual adjustments to the GA charged on the
28 IESO invoice for \$19,292 along with \$36,294 for the reversal of the IESO correction of an
29 identified GA variance for December 2017 that was completed in 2018. Additionally, the
30 variance of \$77,780 that resulted from the RPP/Non-RPP split from EB-2017-0066 was



1 reversed in 2018 and is reflected in the GA Analysis as such as per OEB staff Question #4 in
2 EB-2018-0058.

3 The Unresolved difference of \$10,196 is not material as it is 0.2% of the expected GA Payments
4 to the IESO.

5

6 **7. Proposed Deferral and Variance Accounts**

7 NOW Inc. is proposing to dispose of Group 1 audited balances as of December 31, 2018. The
8 balance in the Group 1 accounts (Accounts 1550, 1551, 1580, 1584, 1586, 1588, and 1589) is a
9 credit of \$339,334 to be disposed over one year.

10

11 NOW Inc. proposes to refund the transitional portion of the Class B GA and CBDR to the Class
12 A customer monthly basis. The GA allocation would be \$16,669 for the year or \$1,389 per
13 month. The CBR Allocation would be \$192 for the year or \$16 per month however, as CBR
14 Class B rounds to zero in tab 6.2, the entire balance in Account 1580 CBR Class B including
15 amount for transition customers will be disposed through Account 1580 WMS rate rider.

16

17 No adjustments were made to any deferral and variance account balances previously approved
18 by the OEB on a final basis.

19

20 There is one variance of note in Tab 3 Continuity Schedule in the Rate Generator Model. The
21 variance is similar to the prior year due to the sub-account allocation on the RRR. The known
22 variance in BW23 as noted in OEB Slides in the 2018 IRM Process Updates 20170726
23 presentation relating to Wholesale Market Service Charge included in CBR Class B sub-
24 account. The amount of this variance is -\$5,066.

25

26 There is a principal adjustment in accounts 1588 and 1589 in the continuity schedule for 2018
27 which is the anticipated offset to the adjustment in the 2016 year. This reversal of the \$77,780
28 was identified in the previous IRM EB-2018-0058 and discussed in OEB Staff Question #4.

29

30



1 The proposed rate riders for disposition are provided in the IRM model filed with this application,
 2 and summarized in the table below:

Rate Class	Unit	Deferral/Variance		Global Adjustment Rate Rider (kWh)
		Account Rider	Rate	
RESIDENTIAL	\$/kWh	(0.0019)		(0.0025)
GENERAL SERVICE LESS THAN 50 KW	\$/kWh	(0.0019)		(0.0025)
GENERAL SERVICE 50 TO 4,999 KW	\$/kW	(0.5996)		(0.0025)
UNMETERED SCATTERED LOAD	\$/kWh	(0.0019)		(0.0025)
STREET LIGHTING	\$/kW	(0.6776)		(0.0025)
microFIT				
Total				

3
 4 NOW Inc.'s General Manager certifies that NOW Inc. has robust processes and internal controls
 5 in place for preparation, review, verification and oversight of the account balances being
 6 disposed.

7 **8. Bill Impacts**

8 The rates proposed in this application are found at Appendix 2 – Rate Generator Model, and the
 9 detailed bill impacts by rate class are found at Appendix 5 – Bill Impacts.

10
 11 Analyzing residential bill impacts by examining the impact on a bill on the 10th percentile of
 12 consumption, it was determined that the 10th percentile figure is 211 kWh. In order to derive the
 13 10th consumption percentile, NOW Inc. utilized consumption data for all residential customers
 14 for the period of January 1, 2019 to September 30, 2019. The monthly consumption for
 15 individual accounts were averaged to obtain a monthly average consumption per account. The
 16 accounts were sorted from highest consumption to lowest. Utilizing NOW Inc.'s residential
 17 customer count, the 10th percentile was determined by isolating the top 90th percentile of
 18 accounts which resulted in the consumption level for the lower 10th percentile. The results using
 19 the most recent 2019 data was then compared to 2018 data and found to be reasonable.



File Number: EB-2019-0058

Date Filed: November 25, 2019

Exhibit 1

Tab 2 of 2

Appendices



File Number: EB-2019-0058

Exhibit: 1

Tab: 2

Schedule: 1

Date Filed: November 25, 2019

Appendix 1 of 6

Appendix 1 - Decision and Order EB-2018-0058

DECISION AND RATE ORDER

EB-2018-0058

NORTHERN ONTARIO WIRES INC.

Application for rates and other charges to be effective May 1, 2019

By Delegation, Before: Pascale Duguay

March 28, 2019

1 INTRODUCTION AND SUMMARY

Through this Decision and Order, the Ontario Energy Board (OEB) approves the incentive rate-setting mechanism (IRM) application filed by Northern Ontario Wires Inc. (Northern Ontario Wires) on October 24, 2018, as amended during the course of the proceeding.

Northern Ontario Wires serves about 6,000 mostly residential and commercial electricity customers in the Town of Cochrane, Town of Iroquois Falls and Town of Kapuskasing. The company is seeking the OEB's approval for the rates it charges to distribute electricity to its customers, as is required of licenced and rate-regulated distributors in Ontario.

A distributor may choose one of three rate-setting methodologies approved by the OEB. Each of these is explained in the OEB's [Chapter 3 Filing Requirements for Incentive Rate-Setting Applications](#) (the Filing Requirements).

Northern Ontario Wires' application is based on a Price Cap Incentive Rate-setting option (Price Cap IR) with a five-year term. The Price Cap IR option involves the setting of rates through a cost of service application in the first year. Mechanistic price cap adjustments, based on inflation and the OEB's assessment of the distributor's efficiency, are then approved through IRM applications in each of the ensuing four (adjustment) years.

As a result of the OEB's findings in this Decision, there will be a monthly total bill decrease before taxes of \$0.32 for a residential customer consuming 750 kWh, effective May 1, 2019. The estimated monthly total bill continues to include the effect of the Distribution Rate Protection (DRP) program. The DRP program caps the base distribution charge for certain residential customers in the province of Ontario. Northern Ontario Wires is one of eight electricity distributors in Ontario to which the DRP applies.¹ This tax-funded program has been in effect since July 2017 and the current monthly distribution charge is capped at \$36.86. If there is a change to the DRP cap as of July 1, 2019 there could be a further bill impact for residential customers.

¹ O Reg. 198/17, s.2.

Northern Ontario Wires has also applied to change the composition of its distribution service rates. Residential distribution service rates currently include a fixed monthly charge and a variable usage charge. In 2015, the OEB issued a policy to transition these rates to a fully fixed structure over a four-year period beginning in 2016.² Accordingly, in 2019 the final upward adjustment, exceeding the mechanistic adjustment alone, in this Decision has been made and now the distribution rates have transitioned to a fully fixed structure. There is no longer a variable usage rate for this class of customer. This policy change does not affect the total revenue that distributors collect from residential customers.

2 THE PROCESS

This Decision is being issued by delegated authority, without a hearing, under section 6 of the *Ontario Energy Board Act, 1998* (the OEB Act).

The OEB follows a standardized and streamlined process for IRM applications filed under Price Cap IR. In each adjustment year of a Price Cap IR term, the OEB prepares a Rate Generator Model that includes information from the distributor's past proceedings and annual reporting requirements. A distributor will then review and complete the Rate Generator Model and include it with its application.

During the course of the proceeding, the Rate Generator Model will also be updated or corrected, as required. The Rate Generator Model updates base rates, retail transmission service rates and, if applicable, shared tax saving adjustments. It also calculates rate riders for the disposition of deferral and variance account balances.

Northern Ontario Wires filed its application on October 24, 2018, under section 78 of the OEB Act and in accordance with the Filing Requirements. Northern Ontario Wires supported its application with written evidence and a completed Rate Generator Model. Questions were asked of, and answers were provided by, Northern Ontario Wires through emails and phone calls with the OEB. Based on this information, a draft decision was prepared and provided to Northern Ontario Wires on February 26, 2019. Northern Ontario Wires was given the opportunity to provide its comments on the draft for consideration prior to the OEB issuing this Decision.

² OEB Policy – “A New Distribution Rate Design for Residential Electricity Customers.” EB-2012-0410, April 2, 2015.

3 ORGANIZATION OF THE DECISION

In this Decision, the OEB addresses the following issues, and provides reasons for approving or denying Northern Ontario Wires' proposals relating to each of them:

- Price Cap Adjustment
- Shared Tax Adjustments
- Retail Transmission Service Rates
- Group 1 Deferral and Variance Accounts
- Residential Rate Design

In the final section, the OEB addresses the steps to implement the final rates that flow from this Decision.

This Decision does not address rates and charges approved by the OEB in previous proceedings which are not part of the scope of an IRM proceeding (such as specific service charges³ and loss factors). No further approvals are required to continue to include these items on a distributor's Tariff of Rates and Charges.

4 PRICE CAP ADJUSTMENT

Northern Ontario Wires seeks to increase its rates, effective May 1, 2019, based on a mechanistic rate adjustment using the OEB-approved *inflation minus X-factor* formula applicable to Price Cap IR applications.

The components of the Price Cap IR formula applicable to Northern Ontario Wires are set out in Table 4.1, below. Inserting these components into the formula results in a 1.50% increase to Northern Ontario Wires' rates: **1.50% = 1.50% - (0.00% + 0.00%)**.

³ The most recent proceedings where approval was granted to change specific service charges are the Report of the OEB – "Wireline Pole Attachment Charges" EB-2015-0304, Issued March 22, 2018 and the Decision and Order on Energy Retail Service Charges EB-2015-0304, Issued on February 14, 2019.

Table 4.1: Price Cap IR Adjustment Formula

Components		Amount
Inflation Factor ⁴		1.50%
X-Factor	Productivity ⁵	0.00%
	Stretch (0.00% – 0.60%) ⁶	0.00%

The inflation factor of 1.50% applies to all Price Cap IR applications for the 2019 rate year.

The X-factor is the sum of the productivity factor and the stretch factor. It is a productivity offset that will vary among different groupings of distributors. Subtracting the X-factor from inflation ensures that rates decline in real, constant-dollar terms, providing distributors with a tangible incentive to improve efficiency or else experience declining net income.

The productivity component of the X-factor is based on industry conditions over a historical study period and applies to all Price Cap IR applications for the 2019 rate year.

The stretch factor component of the X-factor is distributor specific. The OEB has established five stretch factor groupings, each within a range from 0.00% to 0.60%. The stretch factor assigned to any particular distributor is based on the distributor's total cost performance as benchmarked against other distributors in Ontario. The most efficient distributor would be assigned the lowest stretch factor of 0.00%. Conversely, a higher stretch factor would be applied to a less efficient distributor (in accordance with its cost performance relative to expected levels) to reflect the incremental productivity gains that the distributor is expected to achieve. The stretch factor assigned to Northern Ontario Wires is 0.00%.

⁴ For 2019 Inflation factor see Ontario Energy Board 2019 Electricity Distribution Rate applications - Updates November 23, 2018.

⁵ Report of the OEB – “Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario’s Electricity Distributors” EB-2010-0379, Issued November 21, 2013, corrected December 4, 2013.

⁶ The stretch factor groupings are based on the Report to the Ontario Energy Board – “Empirical Research in Support of Incentive Rate-Setting: 2017 Benchmarking Update”, prepared by Pacific Economics Group LLC., August 2018.

Findings

The OEB finds that Northern Ontario Wires' request for a 1.50% rate adjustment is in accordance with the annually updated parameters set by the OEB. The adjustment is approved, and Northern Ontario Wires' new rates shall be effective May 1, 2019.

The adjustment applies to distribution rates (fixed and variable charges) uniformly across all customer classes.⁷

5 SHARED TAX ADJUSTMENTS

In any adjustment year of a Price Cap IR term, a change in legislation may result in a change to the amount of taxes payable by a distributor. For IRM applications, the OEB has long held that a 50/50 sharing of the impact of legislated tax changes between shareholders and ratepayers is appropriate in these situations. The shared tax change amount, whether in the form of a credit or a debit, will be assigned to customer rate classes in the same proportions as the OEB-approved distribution revenue by rate class from a distributor's last cost of service proceeding.

The application identifies a \$8,173 reduction in the amount of taxes payable/refundable by Northern Ontario Wires in the 2019 rate year. Therefore, an amount of \$4,087 is to be refunded to rate payers.

Findings

The allocated tax sharing amount of \$4,087 does not produce a rate rider in one or more rate classes. The OEB therefore directs Northern Ontario Wires to record the OEB-approved tax sharing amount of \$4,087 into Account 1595 Sub-account Principal Balances Approved for Disposition in 2019, by June 30, 2019 for disposition at a later date.

⁷ Price Cap IR and Annual IR Index adjustments do not apply to the following rates and charges: rate riders, rate adders, low voltage service charges, retail transmission service rates, wholesale market service rate, smart metering entity charge, rural or remote electricity rate protection charge, standard supply service – administrative charge, transformation and primary metering allowances, loss factors, specific service charges, microFIT charge, and retail service charges.

6 RETAIL TRANSMISSION SERVICE RATES

Distributors charge retail transmission service rates (RTSRs) to their customers to recover the amounts they pay to a transmitter, a host distributor or both for transmission services. All transmitters charge Uniform Transmission Rates (UTRs) approved by the OEB to distributors connected to the transmission system. Host distributors charge host-RTSRs to distributors embedded within the host's distribution system.

Northern Ontario Wires is partially embedded within Hydro One Networks Inc.'s distribution system and is requesting approval to adjust the RTSRs that it charges its customers to reflect the rates that it pays for transmission services included in Table 6.1 and Table 6.2.

Table 6.1: UTRs⁸

Current Approved UTRs (2019)	per kW
Network Service Rate	\$3.71
<u>Connection Service Rates</u>	
Line Connection Service Rate	\$0.94
Transformation Connection Service Rate	\$2.25

Table 6.2: Hydro One Networks Inc. Sub-Transmission Host-RTSRs⁹

Current Approved Sub-Transmission Host RTSRs (2017)	per kW
Network Service Rate	\$3.19
<u>Connection Service Rates</u>	
Line Connection Service Rate	\$0.77
Transformation Connection Service Rate	\$1.75

⁸ Decision and Interim Rate Order, EB-2018-0326, December 20, 2018.

⁹ Decision and Order, EB-2016-0081, December 21, 2016.

Findings

Northern Ontario Wires proposed adjustment to its RTSRs is approved. The RTSRs were adjusted based on the current host-RTSRs and the UTRs current at the time of the filing. The OEB finds that the new 2019 UTRs are to be incorporated into the rate model to adjust the RTSRs that Northern Ontario Wires will charge its customers accordingly.

The differences resulting from the approval of new 2019 RTSRs will be captured in Accounts 1584 and 1586 for future disposition.

7 GROUP 1 DEFERRAL AND VARIANCE ACCOUNTS

In each year of an IRM term, the OEB will review a distributor's Group 1 deferral and variance accounts in order to determine whether their total balance should be disposed.¹⁰ OEB policy requires that Group 1 accounts be disposed if they exceed (as a debit or credit) a pre-set disposition threshold of \$0.001 per kWh, unless a distributor justifies why balances should not be disposed.¹¹ If the balance does not exceed the threshold, a distributor may elect to request disposition.

The 2017 actual year-end total balance for Northern Ontario Wires' Group 1 accounts including interest projected to April 30, 2019 is a credit of \$107,734. This amount represents a total credit claim of \$0.0009 per kWh, which does not exceed the disposition threshold. Northern Ontario Wires notes that although the balance of the Group 1 accounts does not meet the threshold test, it is electing to dispose of the 2017 balances in order to simplify the impact for transitioning Class A customers.

Included in the balance of the Group 1 accounts is the Global Adjustment (GA) account debit balance of \$37,001. Costs for the commodity portion of its electricity service reflects the sum of two charges: the price of electricity established by the operation of the Independent Electricity System Operator (IESO) administered wholesale market, and the GA.¹²

The GA is paid by consumers in several different ways:

¹⁰ Group 1 accounts track the differences between the costs that a distributor is billed for certain IESO and host distributor services (including the cost of power) and the associated revenues that the distributor receives from its customers for these services. The total net difference between these costs and revenues is disposed to customers through a temporary charge or credit known as a rate rider.

¹¹ Report of the OEB – "Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)." EB-2008-0046, July 31, 2009.

¹² The GA is established monthly, by the IESO, and varies in accordance with market conditions. It is the difference between the market price and the sum of the rates paid to regulated and contracted generators and conservation and demand management (demand response) program costs.

- For Regulated Price Plan (RPP) customers, the GA is incorporated into the standard commodity rates, therefore there is no variance account for the GA.
- Customers who participate in the Ontario Industrial Conservation Initiative program are referred to as “Class A” customers. These customers are assessed GA costs through a peak demand factor that is based on the percentage their demand contributes to the top five Ontario system peaks. This factor determines a Class A customer's allocation for a year-long billing period that starts in July every year. As distributors settle with Class A customers based on the actual GA costs there is no resulting variance.
- “Class B” non-RPP customers pay the GA charge based on the amount of electricity they consume in a month (kWh). Class B non-RPP customers are billed GA based on the IESO published GA price. For Class B non-RPP customers, distributors track any difference between the billed amounts and actual costs in the GA Variance Account for disposal, once audited.

Under the general principle of cost causality, customer groups that cause variances should be responsible for paying (or receiving credits) for their disposal. The movement from one class to another should not prevent identifiable customers from paying down/receiving a debit/credit balance.

Northern Ontario Wires proposes the recovery of its GA variance account debit balance of \$37,001 as at December 31, 2017, including interest to April 30, 2019, in accordance with the following table.

Table 7.1: Recovery of GA Variance

Proposed Amounts	Proposed Method for Recovery
\$33,699 recovered from customers who were Class B for the entire period from January 2017 to December 2017	per kWh rate rider
\$3,302 from customers formerly in Class B during the period January 2017 to December 2017 who were reclassified to Class A	One-time settlement

The balance of the Group 1 accounts includes a credit amount of \$2,274 for the recovery of Capacity Based Recovery (CBR) charges for Class B customers related to the IESO's wholesale energy market for Capacity Based Recovery program. Distributors pay CBR charges to the IESO and record these to a dedicated sub-account. The disposition of this sub-account is impacted by whether or not a distributor had any customers who were part of Class A during the period from January 2017 to December 2017. The disposition is also impacted by whether or not the Class B CBR rate riders in the 2019 IRM Rate Generator Model¹³ rounds to zero at the fourth decimal place in one or more rate classes.

Northern Ontario Wires had one Class A customer during the period from January 2017 to December 2017 but the CBR Class B rate riders calculated rounded to zero at the fourth decimal place in one or more of the rate classes. In this event, the entire Account 1580 sub-account CBR Class B is added to the Account 1580WMS control account to be disposed through the general purpose Group 1 Deferral and Variance Account.

The remaining Group 1 accounts being sought for disposition, through the general Deferral and Variance Account rate rider, include the following flow through variance accounts: Low Voltage Charges, Smart Meter Entity Charges, Wholesale Market Service Charges, Retail Transmission Service Charges, Commodity Power Charges, and Account 1595 residual balances. These Group 1 accounts have a total credit balance of \$144,735, which results in a refund to customers.

The balances proposed for disposition reconcile with the amounts reported as part of the OEB's *Electricity Reporting and Record-Keeping Requirements*.¹⁴ Northern Ontario Wires further notes that its proposal for a one-year disposition period is in accordance with the OEB's policy.¹⁵

Last year, the OEB suspended its approvals of Group 1 rate riders on a final basis. As stated in its letter to the sector dated July 20, 2018, the OEB will determine whether the riders will be approved on an interim basis or not approved at all (i.e. no disposition of account balances) on a case by case basis until further notice.¹⁶

¹³ 2019 IRM Rate Generator Model, Tab 6.2 "CBR B".

¹⁴ Electricity Reporting and Record Keeping Requirements, Version dated May 3, 2016.

¹⁵ Report of the OEB – "Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)." EB-2008-0046, July 31, 2009.

¹⁶ OEB letter to all rate-regulated licensed electricity distributors, Re: OEB's Plan to Standardize Processes to Improve Accuracy of Commodity Pass-Through Variance Accounts, July 20, 2018.

Findings

The OEB approves the disposition of a credit balance of \$107,734 as of December 31, 2017, including interest projected to April 30, 2019 for Group 1 accounts on an interim basis.

The following table identifies the principal and interest amounts which the OEB approves for disposition.

Table 7.2: Group 1 Deferral and Variance Account Balances

Account Name	Account Number	Principal Balance (\$) A	Interest Balance (\$) B	Total Claim (\$) C=A+B
LV Variance Account	1550	(6,341)	(120)	(6,461)
Smart Meter Entity Variance Charge	1551	380	13	393
RSVA - Wholesale Market Service Charge	1580	(125,763)	(4,219)	(129,982)
Variance WMS - Sub-account CBR Class B	1580	(2,191)	(83)	(2,274)
RSVA - Retail Transmission Network Charge	1584	13,708	660	14,368
RSVA - Retail Transmission Connection Charge	1586	6,816	371	7,187
RSVA – Power	1588	(76,719)	(2,688)	(79,407)
RSVA - Global Adjustment	1589	35,753	1,248	37,001
Disposition and Recovery of Regulatory Balances (2016)	1595	46,468	4,973	51,441
Totals for all Group 1 accounts		(107,888)	153	(107,734)

The balance of each of the Group 1 accounts approved for disposition shall be transferred to the applicable principal and interest carrying charge sub-accounts of Account 1595. Such transfer shall be pursuant to the requirements specified in Article 220, Account Descriptions, of the *Accounting Procedures Handbook for Electricity Distributors*.¹⁷ The date of the transfer must be the same as the effective date for the associated rates, which is, generally, the start of the rate year. Northern Ontario Wires shall ensure these adjustments are included in the reporting period ending June 30, 2019 (Quarter 2).

The OEB approves these balances to be disposed through interim rate riders, and payments as calculated in the Rate Generator Model. The interim rate riders and payments will be in effect over a one-year period from May 1, 2019 to April 30, 2020.¹⁸

8 RESIDENTIAL RATE DESIGN

All residential distribution rates currently include a fixed monthly charge and a variable usage charge. The OEB's residential rate design policy stipulates that distributors will transition residential customers to a fully fixed monthly distribution service charge over a four-year period, beginning in 2016.¹⁹ This is the last year of Northern Ontario Wires' transition period and, accordingly, 2019 is the final year in which Northern Ontario Wires' rates will be adjusted upwards by more than the mechanistic adjustment alone. Northern Ontario Wires has transitioned to a fully fixed structure.

The OEB expects an applicant to apply two tests to evaluate whether mitigation of bill impacts for customers is required during the transition period. Mitigation usually takes the form of a lengthening of the transition period. The first test is to calculate the change in the monthly fixed charge, and to consider mitigation if it exceeds \$4. The second is to calculate the total bill impact of the proposals in the application for low volume residential customers (defined as those residential RPP customers whose consumption is at the 10th percentile for the class). Mitigation may be required if the bill impact related to the application exceeds 10% for these customers.

Northern Ontario Wires notes that the implementation of the transition results in an increase to the fixed charge prior to the price cap adjustment of \$3.13. The bill impacts arising from the proposals in this application, including the fixed rate change, are below 10% for low volume residential customers.

¹⁷ Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

¹⁸ 2019 IRM Rate Generator Model Tab 6.1 GA, Tab 6.1a GA Allocation, Tab 6.2 CBR B, Tab 6.2a CBR_Allocation and Tab 7 Calculation of Def-Var RR.

¹⁹ As outlined in the Policy cited at footnote 1 above.

Findings

The distributor has now completed its transition to a fully fixed rate structure. The OEB finds that the proposed 2019 increase to the monthly fixed charge is calculated in accordance with the OEB's residential rate design policy. The results of the monthly fixed charge, and total bill impact for low consumption residential consumers demonstrate that no mitigation is required. The OEB approves the increase as proposed by the applicant and calculated in the final Rate Generator Model.

9 IMPLEMENTATION AND ORDER

This Decision is accompanied by a Rate Generator Model, applicable supporting models, and a Tariff of Rates and Charges (Schedule A).

Model entries were reviewed in order to ensure that they are in accordance with Northern Ontario Wires' last cost of service decision, and to ensure that the 2018 OEB-approved Tariff of Rates and Charges, as well as the cost, revenue and consumption results from 2017, are as reported by Northern Ontario Wires to the OEB.

The Rate Generator Model was adjusted, where applicable, to correct any discrepancies. The Rate Generator Model incorporates the rates set out in the following table.

Table 9.1: Regulatory Charges

Rate	per kWh
Rural or Remote Electricity Rate Protection (RRRP)	\$0.0005
Wholesale Market Service (WMS) billed to Class A and B Customers	\$0.0030
Capacity Based Recovery (CBR) billed to Class B Customers	\$0.0004

Each of these rates is a component of the "Regulatory Charge" on a customer's bill, established annually by the OEB through a separate, generic order. The RRRP, WMS and CBR rates were set by the OEB on December 20, 2018.²⁰

²⁰ Decision and Order, EB-2018-0294, December 20, 2018.

The Smart Metering Entity Charge is a component of the “Distribution Charge” on a customer’s bill, established by the OEB through a separate order. The Smart Metering Entity Charge was set by the OEB on March 1, 2018.²¹

THE ONTARIO ENERGY BOARD ORDERS THAT

1. The Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order is approved effective May 1, 2019 for electricity consumed or estimated to have been consumed on and after such date. Northern Ontario Wires Inc. shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new final and interim rates.

DATED at Toronto, March 28, 2019

ONTARIO ENERGY BOARD

Original Signed By

Kirsten Walli
Board Secretary

²¹ Decision and Order, EB-2017-0290, March 1, 2018.

Schedule A

To Decision and Rate Order

Tariff of Rates and Charges

OEB File No: EB-2018-0058

DATED: March 28, 2019

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2019
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2018-0058

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartments building also qualify as residential customers. 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	\$	37.44
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0016
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031

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

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2019
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EB-2018-0058

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	32.62
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0182
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029

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

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2019
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EB-2018-0058

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 is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	196.81
Distribution Volumetric Rate	\$/kW	1.1344
Low Voltage Service Rate	\$/kW	0.5377
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	(0.1675)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	(0.4521)
Retail Transmission Rate - Network Service Rate	\$/kW	2.3892
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1491

Issued - March 28, 2019

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2019
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EB-2018-0058

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

Northern Ontario Wires Inc.
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EB-2018-0058

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly 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 electrical demand/consumption of the proposed unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	16.53
Distribution Volumetric Rate	\$/kWh	0.0181
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0014)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029

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

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
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EB-2018-0058

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. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of 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)	\$	7.85
Distribution Volumetric Rate	\$/kW	9.2485
Low Voltage Service Rate	\$/kW	0.4152
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	(0.1918)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	(0.1826)
Retail Transmission Rate - Network Service Rate	\$/kW	1.8020
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8882

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

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2019
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2018-0058

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2019
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2018-0058

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

Arrears certificate	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Statement of account	\$	15.00
Account history	\$	15.00
Request for other billing information	\$	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	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00

Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	43.63
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NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2019
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2018-0058

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	40.00
Monthly Variable Charge, per customer, per retailer	\$	1.00
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.60
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(0.60)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.50
Processing fee, per request, applied to the requesting party	\$	1.00
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)	\$	4.00
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)	\$	2.00

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0694
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0587



File Number: EB-2019-0058

Exhibit: 1

Tab: 2

Schedule: 1

Date Filed: November 25, 2019

Appendix 2 of 6

Appendix 2 – Rate Generator Model

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Version 2.0

Utility Name	Northern Ontario Wires Inc.
Assigned EB Number	EB-2019-0058
Name of Contact and Title	Geoffrey Sutton, CFO
Phone Number	705-272-2918
Email Address	geoffs@nowinc.ca
We are applying for rates effective	May 1, 2020
Rate-Setting Method	Price Cap IR
1. Select the last Cost of Service rebasing year	2017
2. Select the year that the balances of Accounts 1588 and 1589 were last approved for disposition <i>(e.g. If 2017 balances were approved for disposition in the 2019 rate application, select 2017)</i>	2016
3. Select the year that the balances of the remaining Group 1 DVAs were last approved for disposition	2016
4. Select the earliest vintage year in which there is a balance in Account 1595 <i>(e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016)</i>	2017
5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)?	Yes
6. Did you have any customers classified as Class A at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)?	Yes
7. Retail Transmission Service Rates: Northern Ontario Wires Inc. is:	Transmission Connected
8. Have you transitioned to fully fixed rates?	Yes

Legend

- Pale green cells represent input cells.
- Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.
- Red cells represents flags to identify either non-matching values or incorrect user selections.
- Pale grey cell represent auto-populated RRR data.
- White cells contain fixed values, automatically generated values or formulae.

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your IRM 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 filled with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



Incentive Rate-setting Mechanism

Rate Generator for 2020 Filers

Northern Ontario Wires Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0058

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartments building also qualify as residential customers. 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	\$	37.44
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0016
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031

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



Incentive Rate-setting Mechanism

Rate Generator for 2020 Filers

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	32.62
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0182
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029

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



Incentive Rate-setting Mechanism

Rate Generator for 2020 Filers

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 is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	196.81
Distribution Volumetric Rate	\$/kW	1.1344
Low Voltage Service Rate	\$/kW	0.5377
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	(0.1675)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	(0.4521)
Retail Transmission Rate - Network Service Rate	\$/kW	2.3892
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1491

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



Incentive Rate-setting Mechanism

Rate Generator for 2020 Filers

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly 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 electrical demand/consumption of the proposed unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	16.53
Distribution Volumetric Rate	\$/kWh	0.0181
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0014)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029

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



Incentive Rate-setting Mechanism

Rate Generator for 2020 Filers

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. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.85
Distribution Volumetric Rate	\$/kW	9.2485
Low Voltage Service Rate	\$/kW	0.4152
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	(0.1918)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	(0.1826)
Retail Transmission Rate - Network Service Rate	\$/kW	1.8020
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8882

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



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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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)



Incentive Rate-setting Mechanism

Rate Generator for 2020 Filers

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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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

Arrears certificate	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Statement of account	\$	15.00
Account history	\$	15.00
Request for other billing information	\$	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	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00

Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	43.63
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NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019



Incentive Rate-setting Mechanism

Rate Generator for 2020 Filers

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	40.00
Monthly Variable Charge, per customer, per retailer	\$	1.00
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.60
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(0.60)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.50
Processing fee, per request, applied to the requesting party	\$	1.00
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)	\$	4.00
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)	\$	2.00

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0694
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0587

2018										2019				Projected Interest on Dec-31-18 Balances				2.1.7 RRR			
Opening Principal Amounts as of Jan 1, 2018	Transactions Debit/ (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments during 2018	Closing Interest Amounts as of Dec 31, 2018	Principal Disposition during 2019 - instructed by OEB	Interest Disposition during 2019 - instructed by OEB	Closing Principal Balance as of Dec 31, 2018 Adjusted for Disposition during 2019	Closing Interest Balances as of Dec 31, 2018 Adjusted for Disposition during 2019	Projected Interest from Jan 1, 2019 to Dec 31, 2019 on Dec 31, 2018 balance adjusted for disposition during 2019 ¹	Projected Interest from Jan 1, 2020 to Apr 30, 2020 on Dec 31, 2018 balance adjusted for disposition during 2019 ²	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2018	Variance RRR vs. 2018 Balance (Principal + Interest)	
17,077	(38,781)	23,418		(45,121)	434	(282)	552		(400)	(6,340)	(120)	(38,780)	(280)	(933)	(282)	(1,495)	(40,275)			(45,520)	1
505	(2,533)	125		(2,152)	5	(16)	3		(14)	380	13	(2,533)	(27)	(53)	(18)	(99)	(2,631)			(2,160)	0
(261,442)	(23,735)	(135,673)		(155,505)	(3,397)	(3,513)	(3,367)		(3,544)	(125,763)	(4,219)	(29,742)	675	(1,896)	(216)	(1,438)	(31,178)			(164,105)	(5,060)
0				0	0				0			0	0	0	0	0	0			0	0
(8,500)	(2,776)	(6,309)		(4,967)	(117)	(117)	(134)		(100)	(2,191)	(63)	(2,776)	(17)	(84)	(20)	(121)	(2,896)			(5,086)	0
104,937	(43,752)	91,228		(30,043)	1,855	737	2,179		419	13,709	860	(43,752)	(247)	(650)	(318)	(1,415)	(45,168)			(29,630)	(0)
56,878	(5,092)	50,063		1,722	1,088	718	1,237		569	6,816	371	(5,094)	198	(48)	(37)	113	(4,981)			2,291	1
(208,639)	(168,417)	(131,921)	77,780	(167,355)	(2,563)	(2,076)	(2,769)		(1,870)	(76,718)	(2,688)	(90,637)	818	(2,786)	(659)	(2,626)	(93,263)	Yes		(169,224)	0
(92,341)	(36,989)	(128,095)	(77,780)	(79,016)	(1,245)	(1,075)	(2,451)		131	35,752	1,248	(114,768)	(1,117)	(2,231)	(834)	(4,181)	(118,950)	Yes		(78,885)	(1)
0				0	0				0			0	0	0	0	0	0	No		0	0
0				0	0				0			0	0	0	0	0	0	No		0	0
0				0	0				0			0	0	0	0	0	0	No		0	0
46,468				46,468	3,855	805			4,660	46,468	4,873	0	(313)	313		(0)	0	No		51,128	0
(80,614)	76,297			(4,317)	(766)	(859)			(1,627)			(4,317)	(1,627)			(1,627)	0	No		(5,944)	0
0	67,808	236,882		(168,874)	0	(2,444)	5,703		(8,147)			(168,874)	(8,147)			(8,147)	0	No		(177,021)	0
0				0	0				0			0	0	0	0	0	0	No		0	0
0				0	0				0			0	0	0	0	0	0	No		0	0
(92,341)	(36,989)	(128,095)	(77,780)	(79,016)	(1,245)	(1,075)	(2,451)	0	131	35,752	1,248	(114,768)	(1,117)	(2,231)	(834)	(4,181)	(118,950)			(78,885)	(1)
(333,330)	(146,961)	127,612	77,780	(501,144)	391	(7,046)	3,454	0	(10,903)	(31,655)	0	(488,478)	(8,412)	(6,336)	(1,550)	(16,698)	(220,362)			(540,196)	8
(425,871)	(183,971)	(482)	0	(609,160)	(854)	(8,121)	953	0	(9,929)	4,087	0	(613,247)	(9,929)	(8,567)	(2,384)	(20,880)	(339,341)			(619,081)	7
0				0	0				0			0	0	0	0	0	0			0	0
(425,871)	(183,971)	(482)	0	(609,160)	(854)	(8,121)	953	0	(9,929)	4,087	0	(613,247)	(9,929)	(8,567)	(2,384)	(20,880)	(339,341)			(619,081)	7

The variance does not match the value in cell BV25. Please provide an explanation of the variance in the Manager's Summary

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	38,878,731	0	840,514	0	0	0	38,878,731	0		5,127
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	17,940,823	0	2,805,955	0	0	0	17,940,823	0		724
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	59,526,842	184,741	59,526,842	184,741	0	0	59,526,842	184,741		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	164,178	0	19,637	0	0	0	164,178	0		
STREET LIGHTING SERVICE CLASSIFICATION	kW	517,432	1,421	517,432	1,421	0	0	517,432	1,421		
Total		117,028,006	186,162	63,710,380	186,162	0	0	117,028,006	186,162	0	5,851

Threshold Test

Total Claim (including Account 1568)	(\$339,341)
Total Claim for Threshold Test (All Group 1 Accounts)	(\$339,341)
Threshold Test (Total claim per kWh) ²	(\$0.0029)

Currently, the threshold test has been met and the default is that Group 1 account balances will be disposed. If you are requesting not to dispose of the Group 1 account balances, please select NO and provide detailed reasons in the manager's summary.

YES

¹ Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.
² The Threshold Test does not include the amount in 1568.
³ The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP			allocated based on Total less WMP			
				1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	33.2%	87.6%	33.2%	(13,380)	(2,306)	(11,320)	(15,005)	(1,655)	(30,984)	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	15.3%	12.4%	15.3%	(6,174)	(326)	(5,224)	(6,924)	(764)	(14,298)	0
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	50.9%	0.0%	50.9%	(20,486)	0	(17,332)	(22,974)	(2,534)	(47,439)	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	(57)	0	(48)	(63)	(7)	(131)	0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	(178)	0	(151)	(200)	(22)	(412)	0
Total	100.0%	100.0%	100.0%	(40,275)	(2,631)	(34,075)	(45,166)	(4,981)	(93,263)	0

** Used to allocate Account 1551 as this account records the variances arising from the Smart Metering Entity Charges to Residential and GS<50 customers.

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if applicable. Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWh) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

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

Rate Rider Recovery to be used below

	Total Metered Non-RPP 2018 Consumption excluding WMP	Total Metered 2018 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2018 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
	kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	840,514	0	0	840,514	2.1%	(\$2,098)	-\$0.0025	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	2,805,955	0	0	2,805,955	6.8%	(\$7,005)	-\$0.0025	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	59,526,842	10,360,502	12,378,719	36,787,621	89.8%	(\$91,836)	-\$0.0025	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	19,637	0	0	19,637	0.0%	(\$49)	-\$0.0025	kWh
STREET LIGHTING SERVICE CLASSIFICATION	517,432	0	0	517,432	1.3%	(\$1,292)	-\$0.0025	kWh
Total	63,710,380	10,360,502	12,378,719	40,971,159	100.0%	(\$102,280)		



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

This tab allocates the GA balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current GA balance. The tables below calculate specific amounts for each customer who made the change. The general GA rate rider to non-RPP customers is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year the Account 1589 GA Balance Last Disposed

2016

Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2018	2017
Non-RPP Consumption Less WMP Consumption	A	63,710,380	63,710,380	
Less Class A Consumption for Partial Year Class A Customers	B	5,701,333	5,701,333	-
Less Consumption for Full Year Class A Customers	C	10,360,502	10,360,502	-
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	47,648,545	47,648,545	-
All Class B Consumption for Transition Customers	E	6,677,386	6,677,386	-
Transition Customers' Portion of Total Consumption	F = E/D	14.01%		

Allocation of Total GA Balance \$

Total GA Balance	G	-\$	118,950
Transition Customers Portion of GA Balance	H=F*G	-\$	16,669
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	102,280

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	1						
Customer	Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2018	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2017	% of kWh	Customer Specific GA Allocation for the Period When They Were a Class B customer	Monthly Equal Payments	
Customer 1	6,677,386	6,677,386	0	100.00%	-\$ 16,669	-\$ 1,389	
Total	6,677,386	6,677,386	0	100.00%	-\$ 16,669		

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

No input required. The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

The year Account 1580 CBR Class B was last disposed

	Total Metered 2018 Consumption Minus WMP		Total Metered 2018 Consumption for Full Year Class A Customers		Total Metered 2018 Consumption for Transition Customers		Metered Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit	
	kWh	kW	kWh	kW	kWh	kW	kWh	kW					
RESIDENTIAL SERVICE CLASSIFICATION	kWh	38,878,731	0	0	0	0	38,878,731	0	41.2%	(\$1,115)	\$0.0000	kWh	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	17,940,823	0	0	0	0	17,940,823	0	19.0%	(\$515)	\$0.0000	kWh	
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kW	59,526,842	184,741	10,360,502	26,981	12,378,719	45,178	36,787,621	112,583	39.0%	(\$1,055)	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	164,178	0	0	0	0	164,178	0	0.2%	(\$51)	\$0.0000	kWh	
STREET LIGHTING SERVICE CLASSIFICATION	kW	517,432	1,421	0	0	0	517,432	1,421	0.5%	(\$15)	\$0.0000	kW	
Total		117,028,006	186,162	10,360,502	26,981	12,378,719	45,178	94,288,785	114,004	100.0%	(\$2,705)	\$0.0000	

If the allocated Account 1580 sub-account CBR Class B amount does not produce a rate rider in one or more rate class (except for the Standby rate class), the model will transfer the entire CBR Class B amount into Account 1580 WMS control account to be disposed through the general purpose Group 1 DVA rate riders.

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

This tab allocates the CBR Class B balance to transition customers (i.e. Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current CBR Class B balance. The tables below calculate specific amounts for each customer who made the change. The general CBR Class B rate rider is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year Account 1580 CBR Class B was Last Disposed 2016

Allocation of Total Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2018	2017
Total Consumption Less WMP Consumption	A	117,028,006	117,028,006	
Less Class A Consumption for Partial Year Class A Customers	B	5,701,333	5,701,333	-
Less Consumption for Full Year Class A Customers	C	10,360,502	10,360,502	-
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	100,966,171	100,966,171	-
All Class B Consumption for Transition Customers	E	6,677,386	6,677,386	-
Transition Customers' Portion of Total Consumption	F = E/D	6.61%		

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$	2,896
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	192
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	2,705

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	1							
Customer	Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2018	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2017	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were a Class B Customer	Monthly Equal Payments	Revised Monthly Payment	
Customer 1	6,677,386	6,677,386	-	100.00%	-\$	192	\$	-
Total	6,677,386	6,677,386	-	100.00%	-\$	192	\$	-

If the CBR Class B rate rider calculated in tab 6.2 rounds to zero at the fourth decimal place for one or more rate classes, the entire balance in Account 1580 CBR Class B, including the amount allocated to transition customers will be transferred to Account 1580 WMS and disposed through the general purpose Group 1 rate riders

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

1a The year Account 1589 GA was last disposed

1b The year Account 1580 CBR Class B was last disposed Note that the sub-account was established in 2015.

2a Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed to the current year requested for disposition)? (e.g. If you received approval to dispose of the GA variance account balance as at December 31, 2015, the period the GA variance accumulated would be 2016 to 2018.)

2b Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed to the current year requested for disposition)? (e.g. If you received approval to dispose of the CBR Class B balance as at December 31, 2016, the period the CBR Class B variance accumulated would be 2017 to 2018.)

3a Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2018		2017	
			January to June	July to December	January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	6,677,386	5,701,333		
		kW	17,568	27,610		
		Class A/B	B	A		

3b Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated. Enter the total Class A consumption in the rate class in the table

Rate Classes with Class A Customers - Billing Determinants by Rate Class

Rate Class	Rate Class		2018	2017
Rate Class 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	10,360,502	
		kW	26,981	

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Default Rate Rider Recovery Period (in months)	12	
DVA Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
LRAM Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) ²	Deferral/Variance Account Rate Rider ²	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) ²	Account 1568 Rate Rider	Revenue Reconciliation ¹
RESIDENTIAL SERVICE CLASSIFICATION	kWh	38,878,731	0	38,878,731	0	(74,649)		(0.0019)		0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	17,940,823	0	17,940,823	0	(33,709)		(0.0019)		0.0000	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	59,526,842	184,741	59,526,842	184,741	(110,765)		(0.5996)		0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	164,178	0	164,178	0	(305)		(0.0019)		0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	517,432	1,421	517,432	1,421	(963)		(0.6776)		0.0000	(220,002.66)

¹ When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class B will not be taken into consideration if there are Class A customers since the rate riders, if any, are calculated separately.

² Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column G and disposed through a combined Deferral/Variance Account and Rate Rider.

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2017	2020
OEB-Approved Rate Base	\$ 7,767,615	\$ 7,767,615
OEB-Approved Regulatory Taxable Income	\$ 243,159	\$ 243,159
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) ^{1,2}		9.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.5%
Ontario Small Business Rate (calculated effective rate) ^{1,2}		3.5%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 21,884
Provincial Taxes Payable		\$ 8,511
Federal Effective Tax Rate		9.0%
Provincial Effective Tax Rate		3.5%
Combined Effective Tax Rate	15.0%	12.5%
Total Income Taxes Payable	\$ 36,474	\$ 30,395
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$ -
Income Tax Provision	\$ 36,474	\$ 30,395
Grossed-up Income Taxes	\$ 42,910	\$ 34,737
Incremental Grossed-up Tax Amount		-\$ 8,173
Sharing of Tax Amount (50%)		-\$ 4,087

Notes

1. Regarding the small business deduction, if applicable,
 - a. If taxable capital exceeds \$15 million, the small business rate will not be applicable.
 - b. If taxable capital is below \$10 million, the small business rate would be applicable.
 - c. If taxable capital is between \$10 million and \$15 million, the appropriate small business rate will be calculated.
2. The OEB's proxy for taxable capital is rate base.

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

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

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh	5,216	41,624,801		30.30	0.0092		1,896,538	382,948	0	2,279,486	83.2%	16.8%	0.0%	65.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	784	19,759,776		31.76	0.0177		298,798	349,748	0	648,546	46.1%	53.9%	0.0%	18.7%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	71	62,140,492	181,679	191.60		1.1043	163,243	0	200,628	363,871	44.9%	0.0%	55.1%	10.5%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	23	165,218		16.10	0.0176		4,444	2,908	0	7,351	60.4%	39.6%	0.0%	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,650	556,610	1,576	7.64		9.0038	151,272	0	14,190	165,462	91.4%	0.0%	8.6%	4.8%
Total		7,744	124,246,897	183,255				2,514,294	735,604	214,818	3,464,717				100.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	38,878,731		-2,689	0.00	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	17,940,823		-765	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	59,526,842	184,741	-429	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	164,178		-9	0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	517,432	1,421	-195	0.0000	kW
Total		117,028,006	186,162	-\$4,087		

If the allocated tax sharing amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is required to transfer the entire OEB-approved tax sharing amount into account 1595 for disposition at a later date (see Filing Requirements, Appendix B)

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes in your manager's summary. As well, the Loss Factor has been imported from Tab 2.

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063	38,878,731	0	1.0694	41,576,915
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031	38,878,731	0	1.0694	41,576,915
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060	17,940,823	0	1.0694	19,185,916
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029	17,940,823	0	1.0694	19,185,916
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3892	59,526,842	184,741		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1491	59,526,842	184,741		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060	164,178	0	1.0694	175,572
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029	164,178	0	1.0694	175,572
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8020	517,432	1,421		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8882	517,432	1,421		

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Uniform Transmission Rates		Unit	2018	2019 (Jan 1 - June 30)	2019 (July 1 - Dec 31)	2020
Rate Description			Rate	Rate	Rate	Rate
Network Service Rate	kW	\$	3.61	\$ 3.71	\$ 3.83	\$ 3.83
Line Connection Service Rate	kW	\$	0.95	\$ 0.94	\$ 0.96	\$ 0.96
Transformation Connection Service Rate	kW	\$	2.34	\$ 2.25	\$ 2.30	\$ 2.30

Hydro One Sub-Transmission Rates		Unit	2018	2019 (Jan 1 - June 30)	2019 (July 1 - Dec 31)	2020
Rate Description			Rate	Rate	Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.1942	\$ 3.2915	\$ 3.2915
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7710	\$ 0.7877	\$ 0.7877
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.7493	\$ 1.9755	\$ 1.9755
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.5203	\$ 2.7632	\$ 2.7632

If needed, add extra host here. (I)		Unit	2018	2019	2020
Rate Description			Rate	Rate	Rate
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -

If needed, add extra host here. (II)		Unit	2018	2019	2020
Rate Description			Rate	Rate	Rate
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -
Low Voltage Switchgear Credit (if applicable, enter as a negative value)		\$	Historical 2018	Current 2019	Forecast 2020

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	18,002	\$3.61	\$ 64,987	19,798	\$0.95	\$ 18,808	7,823	\$2.34	\$ 18,306				\$ 37,114
February	17,190	\$3.61	\$ 62,056	18,268	\$0.95	\$ 17,355	7,057	\$2.34	\$ 16,513				\$ 33,868
March	16,166	\$3.61	\$ 58,359	16,505	\$0.95	\$ 15,680	6,036	\$2.34	\$ 14,124				\$ 29,804
April	14,467	\$3.61	\$ 52,226	15,810	\$0.95	\$ 15,020	5,703	\$2.34	\$ 13,345				\$ 28,365
May	12,497	\$3.61	\$ 45,114	14,526	\$0.95	\$ 13,800	5,860	\$2.34	\$ 13,712				\$ 27,512
June	12,171	\$3.61	\$ 43,937	14,319	\$0.95	\$ 13,603	5,785	\$2.34	\$ 13,537				\$ 27,140
July	13,873	\$3.61	\$ 50,082	15,638	\$0.95	\$ 14,856	6,157	\$2.34	\$ 14,407				\$ 29,263
August	12,859	\$3.61	\$ 46,421	15,128	\$0.95	\$ 14,372	6,029	\$2.34	\$ 14,108				\$ 28,479
September	12,560	\$3.61	\$ 45,342	14,776	\$0.95	\$ 14,037	5,427	\$2.34	\$ 12,699				\$ 26,736
October	12,815	\$3.61	\$ 46,262	14,900	\$0.95	\$ 14,155	5,198	\$2.34	\$ 12,163				\$ 26,318
November	16,954	\$3.61	\$ 61,204	17,648	\$0.95	\$ 16,766	6,715	\$2.34	\$ 15,713				\$ 32,479
December	17,365	\$3.61	\$ 62,688	17,682	\$0.95	\$ 16,798	6,637	\$2.34	\$ 15,531				\$ 32,328
Total	176,919	\$ 3.61	\$ 638,678	194,998	\$ 0.95	\$ 185,248	74,427	\$ 2.34	\$ 174,159				\$ 359,407

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	4,298	\$3.1942	\$ 13,730	4,301	\$0.7710	\$ 3,316					\$0.0000		\$ 3,316
February	3,770	\$3.1942	\$ 12,041	3,839	\$0.7710	\$ 2,960					\$0.0000		\$ 2,960
March	3,288	\$3.1942	\$ 10,502	3,288	\$0.7710	\$ 2,535					\$0.0000		\$ 2,535
April	3,294	\$3.1942	\$ 10,523	3,294	\$0.7710	\$ 2,540					\$0.0000		\$ 2,540
May	3,096	\$3.1942	\$ 9,889	3,096	\$0.7710	\$ 2,387					\$0.0000		\$ 2,387
June	3,207	\$3.1942	\$ 10,244	3,207	\$0.7710	\$ 2,473					\$0.0000		\$ 2,473
July	3,732	\$3.1942	\$ 11,921	3,732	\$0.7710	\$ 2,877					\$0.0000		\$ 2,877
August	3,599	\$3.1942	\$ 11,497	3,599	\$0.7710	\$ 2,775					\$0.0000		\$ 2,775
September	3,403	\$3.1942	\$ 10,868	3,403	\$0.7710	\$ 2,623					\$0.0000		\$ 2,623
October	3,232	\$3.1942	\$ 10,324	3,232	\$0.7710	\$ 2,492					\$0.0000		\$ 2,492
November	3,837	\$3.1942	\$ 12,257	3,837	\$0.7710	\$ 2,958					\$0.0000		\$ 2,958
December	3,846	\$3.1942	\$ 12,285	3,910	\$0.7710	\$ 3,014					\$0.0000		\$ 3,014
Total	42,602	\$ 3.1942	\$ 136,079	42,738	\$ 0.7710	\$ 32,951	-	\$ -	\$ -	-	\$ -	\$ -	\$ 32,951

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

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

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	18,002	\$ 3.7100	\$ 66,787	19,798	\$ 0.9400	\$ 18,610	7,823	\$ 2.2500	\$ 17,602				\$ 36,212
February	17,190	\$ 3.7100	\$ 63,775	18,268	\$ 0.9400	\$ 17,172	7,057	\$ 2.2500	\$ 15,878				\$ 33,050
March	16,166	\$ 3.7100	\$ 59,976	16,505	\$ 0.9400	\$ 15,515	6,036	\$ 2.2500	\$ 13,581				\$ 29,096
April	14,467	\$ 3.7100	\$ 53,673	15,810	\$ 0.9400	\$ 14,861	5,703	\$ 2.2500	\$ 12,832				\$ 27,693
May	12,497	\$ 3.7100	\$ 46,364	14,526	\$ 0.9400	\$ 13,654	5,860	\$ 2.2500	\$ 13,185				\$ 26,839
June	12,171	\$ 3.7100	\$ 45,154	14,319	\$ 0.9400	\$ 13,460	5,785	\$ 2.2500	\$ 13,016				\$ 26,476
July	13,873	\$ 3.8300	\$ 53,134	15,638	\$ 0.9600	\$ 15,012	6,157	\$ 2.3000	\$ 14,161				\$ 29,174
August	12,859	\$ 3.8300	\$ 49,250	15,128	\$ 0.9600	\$ 14,523	6,029	\$ 2.3000	\$ 13,867				\$ 28,390
September	12,560	\$ 3.8300	\$ 48,105	14,776	\$ 0.9600	\$ 14,185	5,427	\$ 2.3000	\$ 12,482				\$ 26,667
October	12,815	\$ 3.8300	\$ 49,081	14,900	\$ 0.9600	\$ 14,304	5,198	\$ 2.3000	\$ 11,955				\$ 26,259
November	16,954	\$ 3.8300	\$ 64,934	17,648	\$ 0.9600	\$ 16,942	6,715	\$ 2.3000	\$ 15,445				\$ 32,387
December	17,365	\$ 3.8300	\$ 66,508	17,682	\$ 0.9600	\$ 16,975	6,637	\$ 2.3000	\$ 15,265				\$ 32,240
Total	176,919	\$ 3.77	\$ 666,741	194,998	\$ 0.95	\$ 185,214	74,427	\$ 2.27	\$ 169,269				\$ 354,482

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	4,298	\$ 3.1942	\$ 13,730	4,301	\$ 0.7710	\$ 3,316	-	\$ 1.7493	\$ -				\$ 3,316
February	3,770	\$ 3.1942	\$ 12,041	3,839	\$ 0.7710	\$ 2,960	-	\$ 1.7493	\$ -				\$ 2,960
March	3,288	\$ 3.1942	\$ 10,502	3,288	\$ 0.7710	\$ 2,535	-	\$ 1.7493	\$ -				\$ 2,535
April	3,294	\$ 3.1942	\$ 10,523	3,294	\$ 0.7710	\$ 2,540	-	\$ 1.7493	\$ -				\$ 2,540
May	3,096	\$ 3.1942	\$ 9,889	3,096	\$ 0.7710	\$ 2,387	-	\$ 1.7493	\$ -				\$ 2,387
June	3,207	\$ 3.1942	\$ 10,244	3,207	\$ 0.7710	\$ 2,473	-	\$ 1.7493	\$ -				\$ 2,473
July	3,732	\$ 3.2915	\$ 12,284	3,732	\$ 0.7877	\$ 2,940	-	\$ 1.9755	\$ -				\$ 2,940
August	3,599	\$ 3.2915	\$ 11,847	3,599	\$ 0.7877	\$ 2,835	-	\$ 1.9755	\$ -				\$ 2,835
September	3,403	\$ 3.2915	\$ 11,199	3,403	\$ 0.7877	\$ 2,680	-	\$ 1.9755	\$ -				\$ 2,680
October	3,232	\$ 3.2915	\$ 10,638	3,232	\$ 0.7877	\$ 2,546	-	\$ 1.9755	\$ -				\$ 2,546
November	3,837	\$ 3.2915	\$ 12,630	3,837	\$ 0.7877	\$ 3,022	-	\$ 1.9755	\$ -				\$ 3,022
December	3,846	\$ 3.2915	\$ 12,660	3,910	\$ 0.7877	\$ 3,080	-	\$ 1.9755	\$ -				\$ 3,080
Total	42,602	\$ 3.24	\$ 138,186	42,738	\$ 0.78	\$ 33,314	-	\$ -	\$ -				\$ 33,314

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

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

Total				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	22,300	\$ 3.6106	\$ 80,517	24,099	\$ 0.9098	\$ 21,926	7,823	\$ 2.2500	\$ 17,602				\$ 39,528
February	20,960	\$ 3.6172	\$ 75,816	22,107	\$ 0.9107	\$ 20,132	7,057	\$ 2.2500	\$ 15,878				\$ 36,010

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	18,002	\$ 3.8300	\$ 68,948	19,798	\$ 0.9600	\$ 19,006	7,823	\$ 2.3000	\$ 17,993	\$ 36,999			
February	17,190	\$ 3.8300	\$ 65,838	18,268	\$ 0.9600	\$ 17,537	7,057	\$ 2.3000	\$ 16,231	\$ 33,768			
March	16,166	\$ 3.8300	\$ 61,916	16,505	\$ 0.9600	\$ 15,845	6,036	\$ 2.3000	\$ 13,883	\$ 29,728			
April	14,467	\$ 3.8300	\$ 55,409	15,810	\$ 0.9600	\$ 15,178	5,703	\$ 2.3000	\$ 13,117	\$ 28,295			
May	12,497	\$ 3.8300	\$ 47,864	14,526	\$ 0.9600	\$ 13,945	5,860	\$ 2.3000	\$ 13,478	\$ 27,423			
June	12,171	\$ 3.8300	\$ 46,615	14,319	\$ 0.9600	\$ 13,746	5,785	\$ 2.3000	\$ 13,306	\$ 27,052			
July	13,873	\$ 3.8300	\$ 53,134	15,638	\$ 0.9600	\$ 15,012	6,157	\$ 2.3000	\$ 14,161	\$ 29,174			
August	12,859	\$ 3.8300	\$ 49,250	15,128	\$ 0.9600	\$ 14,523	6,029	\$ 2.3000	\$ 13,867	\$ 28,390			
September	12,560	\$ 3.8300	\$ 48,105	14,776	\$ 0.9600	\$ 14,185	5,427	\$ 2.3000	\$ 12,482	\$ 26,667			
October	12,815	\$ 3.8300	\$ 49,081	14,900	\$ 0.9600	\$ 14,304	5,198	\$ 2.3000	\$ 11,955	\$ 26,259			
November	16,954	\$ 3.8300	\$ 64,934	17,648	\$ 0.9600	\$ 16,942	6,715	\$ 2.3000	\$ 15,445	\$ 32,387			
December	17,365	\$ 3.8300	\$ 66,508	17,682	\$ 0.9600	\$ 16,975	6,637	\$ 2.3000	\$ 15,265	\$ 32,240			
Total	176,919	\$ 3.83	\$ 677,600	194,998	\$ 0.96	\$ 187,198	74,427	\$ 2.30	\$ 171,182	\$ 358,380			
Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	4,298	\$ 3.2915	\$ 14,148	4,301	\$ 0.7877	\$ 3,388	-	\$ 1.9755	\$ -	\$ 3,388			
February	3,770	\$ 3.2915	\$ 12,408	3,839	\$ 0.7877	\$ 3,024	-	\$ 1.9755	\$ -	\$ 3,024			
March	3,288	\$ 3.2915	\$ 10,822	3,288	\$ 0.7877	\$ 2,590	-	\$ 1.9755	\$ -	\$ 2,590			
April	3,294	\$ 3.2915	\$ 10,843	3,294	\$ 0.7877	\$ 2,595	-	\$ 1.9755	\$ -	\$ 2,595			
May	3,096	\$ 3.2915	\$ 10,190	3,096	\$ 0.7877	\$ 2,439	-	\$ 1.9755	\$ -	\$ 2,439			
June	3,207	\$ 3.2915	\$ 10,556	3,207	\$ 0.7877	\$ 2,526	-	\$ 1.9755	\$ -	\$ 2,526			
July	3,732	\$ 3.2915	\$ 12,284	3,732	\$ 0.7877	\$ 2,940	-	\$ 1.9755	\$ -	\$ 2,940			
August	3,599	\$ 3.2915	\$ 11,847	3,599	\$ 0.7877	\$ 2,835	-	\$ 1.9755	\$ -	\$ 2,835			
September	3,403	\$ 3.2915	\$ 11,199	3,403	\$ 0.7877	\$ 2,680	-	\$ 1.9755	\$ -	\$ 2,680			
October	3,232	\$ 3.2915	\$ 10,638	3,232	\$ 0.7877	\$ 2,546	-	\$ 1.9755	\$ -	\$ 2,546			
November	3,837	\$ 3.2915	\$ 12,630	3,837	\$ 0.7877	\$ 3,022	-	\$ 1.9755	\$ -	\$ 3,022			
December	3,846	\$ 3.2915	\$ 12,660	3,910	\$ 0.7877	\$ 3,080	-	\$ 1.9755	\$ -	\$ 3,080			
Total	42,602	\$ 3.29	\$ 140,225	42,738	\$ 0.79	\$ 33,665	-	\$ -	\$ -	\$ 33,665			
Add Extra Host Here (I)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
Add Extra Host Here (II)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
Total				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	22,300	\$ 3.73	\$ 83,096	24,099	\$ 0.93	\$ 22,394	7,823	\$ 2.30	\$ 17,993	\$ 40,387			

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

February	20,960	\$	3.73	\$	78,245	22,107	\$	0.93	\$	20,561	7,057	\$	2.30	\$	16,231	\$	36,793
March	19,454	\$	3.74	\$	72,737	19,793	\$	0.93	\$	18,435	6,036	\$	2.30	\$	13,883	\$	32,317
April	17,761	\$	3.73	\$	66,252	19,104	\$	0.93	\$	17,773	5,703	\$	2.30	\$	13,117	\$	30,889
May	15,593	\$	3.72	\$	58,054	17,622	\$	0.93	\$	16,384	5,860	\$	2.30	\$	13,478	\$	29,862
June	15,378	\$	3.72	\$	57,171	17,526	\$	0.93	\$	16,272	5,785	\$	2.30	\$	13,306	\$	29,578
July	17,605	\$	3.72	\$	65,418	19,370	\$	0.93	\$	17,952	6,157	\$	2.30	\$	14,161	\$	32,113
August	16,458	\$	3.71	\$	61,097	18,727	\$	0.93	\$	17,358	6,029	\$	2.30	\$	13,867	\$	31,225
September	15,963	\$	3.72	\$	59,304	18,179	\$	0.93	\$	16,865	5,427	\$	2.30	\$	12,482	\$	29,347
October	16,047	\$	3.72	\$	59,720	18,132	\$	0.93	\$	16,850	5,198	\$	2.30	\$	11,955	\$	28,805
November	20,791	\$	3.73	\$	77,564	21,485	\$	0.93	\$	19,965	6,715	\$	2.30	\$	15,445	\$	35,409
December	21,211	\$	3.73	\$	79,168	21,592	\$	0.93	\$	20,054	6,637	\$	2.30	\$	15,265	\$	35,319
Total	219,521	\$	3.73	\$	817,824	237,736	\$	0.93	\$	220,863	74,427	\$	2.30	\$	171,182	\$	392,045

Low Voltage Switchgear Credit (if applicable)

\$ -

Total including deduction for Low Voltage Switchgear Credit

\$ 392,045

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

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	0.0063	41,576,915	0	261,935	31.9%	256,479	0.0062
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060	19,185,916	0	115,116	14.0%	112,718	0.0059
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3892		184,741	441,383	53.7%	432,190	2.3394
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060	175,572	0	1,053	0.1%	1,031	0.0059
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8020		1,421	2,561	0.3%	2,507	1.7645

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

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031	41,576,915	0	128,888	32.3%	125,400	0.0030
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029	19,185,916	0	55,639	14.0%	54,133	0.0028
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1491		184,741	212,286	53.3%	206,540	1.1180
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029	175,572	0	509	0.1%	495	0.0028
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8882		1,421	1,262	0.3%	1,228	0.8642

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	41,576,915	0	256,479	31.9%	260,589	0.0063
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	19,185,916	0	112,718	14.0%	114,524	0.0060
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3394		184,741	432,190	53.7%	439,116	2.3769
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	175,572	0	1,031	0.1%	1,048	0.0060
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7645		1,421	2,507	0.3%	2,547	1.7927

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	0.0030	41,576,915	0	125,400	32.3%	126,774	0.0030
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0028	19,185,916	0	54,133	14.0%	54,726	0.0029
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1180		184,741	206,540	53.3%	208,803	1.1302
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0028	175,572	0	495	0.1%	501	0.0029
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8642		1,421	1,228	0.3%	1,241	0.8736

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2018 values and will be updated by OEB staff at a later date.

Price Escalator	1.50%	Productivity Factor	0.00%
Choose Stretch Factor Group	I	Price Cap Index	1.50%
Associated Stretch Factor Value	0.00%		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	37.44				1.50%	38.00	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	32.62		0.0182		1.50%	33.11	0.0185
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	196.81		1.1344		1.50%	199.76	1.1514
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	16.53		0.0181		1.50%	16.78	0.0184
STREET LIGHTING SERVICE CLASSIFICATION	7.85		9.2485		1.50%	7.97	9.3872
microFIT SERVICE CLASSIFICATION	5.4					5.4	

If applicable, Wheeling Service Rate will be adjusted for PCI on Sheet 19.



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Regulatory Charges

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

Time-of-Use RPP Prices

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

Smart Meter Entity Charge (SME)

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

\$	36.86
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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	\$	43.63	1.50%	44.28

Retail Service Charges

		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00	1.50%	101.50
Monthly fixed charge, per retailer	\$	40.00	1.50%	40.60
Monthly variable charge, per customer, per retailer	\$/cust.	1.00	1.50%	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.60	1.50%	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.60)	1.50%	(0.61)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	\$	0.50	1.50%	0.51
Processing fee, per request, applied to the requesting party	\$	1.00	1.50%	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)	\$	4.00	1.50%	4.06
Notice of switch letter charge, per letter	\$	2.00	1.50%	2.03

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

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

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

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

In the Green Cells below, enter all proposed rate riders/rates. 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 A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with "Rate Rider for".

In column B, choose the associated unit from the drop-down menu.

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, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B) . Sub-Total A refers to rates/rate riders that Not considered as pass through costs (eg: LRAMVA and ICM/ACM rate riders). Sub-Total B refers to rates/rate riders that are considered pass through costs.

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

microFIT SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

Northern Ontario Wires 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-2019-0058

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartments building also qualify as residential customers. 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	\$	38.00
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0016
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0025)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	(0.0019)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0030

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

Northern Ontario Wires 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-2019-0058

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	33.11
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0185
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0025)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	(0.0019)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029

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

Northern Ontario Wires 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-2019-0058

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 is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	199.76
Distribution Volumetric Rate	\$/kW	1.1514
Low Voltage Service Rate	\$/kW	0.5377
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0025)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	(0.5996)
Retail Transmission Rate - Network Service Rate	\$/kW	2.3769
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1302

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

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
This schedule supersedes and replaces all previously
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EB-2019-0058

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly 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 electrical demand/consumption of the proposed unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	16.78
Distribution Volumetric Rate	\$/kWh	0.0184
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0025)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	(0.0019)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029

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

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
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EB-2019-0058

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. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.97
Distribution Volumetric Rate	\$/kW	9.3872
Low Voltage Service Rate	\$/kW	0.4152
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0025)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	(0.6776)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7927
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8736

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

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
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EB-2019-0058

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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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)

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
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EB-2019-0058

SPECIFIC SERVICE CHARGES

APPLICATION

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Customer Administration

Arrears certificate	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Statement of account	\$	15.00
Account history	\$	15.00
Request for other billing information	\$	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	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00

Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	44.28
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NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019

Northern Ontario Wires Inc.
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EB-2019-0058

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.

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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	\$	101.50
Monthly Fixed Charge, per retailer	\$	40.60
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)	\$	4.06
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)	\$	2.00

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0694
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0587

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 37.44	1	\$ 37.44	\$ 38.00	1	\$ 38.00	\$ 0.56	1.50%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
DRP Adjustment	\$ -	750	\$ (0.58)	\$ -	750	\$ (1.14)	\$ (0.56)	96.55%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.86	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0824	52	\$ 4.29	\$ 0.0824	52	\$ 4.29	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0017	750	\$ (1.28)	\$ 0.0019	750	\$ (1.43)	\$ (0.15)	11.76%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0016	750	\$ 1.20	\$ 0.0016	750	\$ 1.20	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 41.64			\$ 41.49	\$ (0.15)	-0.36%
RTSR - Network	\$ 0.0063	802	\$ 5.05	\$ 0.0063	802	\$ 5.05	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0031	802	\$ 2.49	\$ 0.0030	802	\$ 2.41	\$ (0.08)	-3.23%
Sub-Total C - Delivery (including Sub-Total B)			\$ 49.18			\$ 48.95	\$ (0.23)	-0.47%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	802	\$ 2.73	\$ 0.0034	802	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	802	\$ 0.40	\$ 0.0005	802	\$ 0.40	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	128	\$ 11.99	\$ 0.0940	128	\$ 11.99	\$ -	0.00%
TOU - On Peak	\$ 0.1340	135	\$ 18.09	\$ 0.1340	135	\$ 18.09	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 114.32			\$ 114.09	\$ (0.23)	-0.20%
HST		13%	\$ 14.86		13%	\$ 14.83	\$ (0.03)	-0.20%
8% Rebate		8%	\$ (9.15)		8%	\$ (9.13)	\$ 0.02	0.20%
Total Bill on TOU			\$ 120.04			\$ 119.80	\$ (0.24)	-0.20%

Customer Class: **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 32.62	1	\$ 32.62	\$ 33.11	1	\$ 33.11	\$ 0.49	1.50%
Distribution Volumetric Rate	\$ 0.0182	2000	\$ 36.40	\$ 0.0185	2000	\$ 37.00	\$ 0.60	1.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 69.02			\$ 70.11	\$ 1.09	1.58%
Line Losses on Cost of Power	\$ 0.0824	139	\$ 11.43	\$ 0.0824	139	\$ 11.43	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0017	2,000	\$ (3.40)	-\$ 0.0019	2,000	\$ (3.80)	\$ (0.40)	11.76%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0015	2,000	\$ 3.00	\$ 0.0015	2,000	\$ 3.00	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 80.62			\$ 81.31	\$ 0.69	0.86%
RTSR - Network	\$ 0.0060	2,139	\$ 12.83	\$ 0.0060	2,139	\$ 12.83	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0029	2,139	\$ 6.20	\$ 0.0029	2,139	\$ 6.20	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 99.66			\$ 100.35	\$ 0.69	0.69%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,139	\$ 7.27	\$ 0.0034	2,139	\$ 7.27	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,139	\$ 1.07	\$ 0.0005	2,139	\$ 1.07	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1340	360	\$ 48.24	\$ 0.1340	360	\$ 48.24	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 272.95			\$ 273.64	\$ 0.69	0.25%
HST	13%		\$ 35.48	13%		\$ 35.57	\$ 0.09	0.25%
8% Rebate	8%		\$ (21.84)	8%		\$ (21.89)	\$ (0.06)	-
Total Bill on TOU			\$ 286.59			\$ 287.32	\$ 0.72	0.25%

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	66,088	kWh
Demand	214	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 196.81	1	\$ 196.81	\$ 199.76	1	\$ 199.76	\$ 2.95	1.50%
Distribution Volumetric Rate	\$ 1.1344	214	\$ 242.76	\$ 1.1514	214	\$ 246.40	\$ 3.64	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 439.57			\$ 446.16	\$ 6.59	1.50%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.6196	214	\$ (132.59)	-\$ 0.5996	214	\$ (128.31)	\$ 4.28	-3.23%
CBR Class B Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
GA Rate Riders	-\$ 0.0004	66,088	\$ (26.44)	-\$ 0.0025	66,088	\$ (165.22)	\$ (138.78)	525.00%
Low Voltage Service Charge	\$ 0.5377	214	\$ 115.07	\$ 0.5377	214	\$ 115.07	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 395.61			\$ 267.69	\$ (127.92)	-32.33%
RTSR - Network	\$ 2.3892	214	\$ 511.29	\$ 2.3769	214	\$ 508.66	\$ (2.63)	-0.51%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1491	214	\$ 245.91	\$ 1.1302	214	\$ 241.86	\$ (4.04)	-1.64%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,152.81			\$ 1,018.21	\$ (134.59)	-11.68%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	70,675	\$ 240.29	\$ 0.0034	70,675	\$ 240.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	70,675	\$ 35.34	\$ 0.0005	70,675	\$ 35.34	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	70,675	\$ 7,781.26	\$ 0.1101	70,675	\$ 7,781.26	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 9,209.95			\$ 9,075.36	\$ (134.59)	-1.46%
HST	13%		\$ 1,197.29	13%		\$ 1,179.80	\$ (17.50)	-1.46%
Total Bill on Average IESO Wholesale Market Price			\$ 10,407.24			\$ 10,255.15	\$ (152.09)	-1.46%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	727	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 16.53	1	\$ 16.53	\$ 16.78	1	\$ 16.78	\$ 0.25	1.51%
Distribution Volumetric Rate	\$ 0.0181	727	\$ 13.16	\$ 0.0184	727	\$ 13.38	\$ 0.22	1.66%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	727	\$ -	\$ -	727	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 29.69			\$ 30.16	\$ 0.47	1.58%
Line Losses on Cost of Power	\$ 0.1101	50	\$ 5.55	\$ 0.1101	50	\$ 5.55	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0019	727	\$ (1.38)	-\$ 0.0019	727	\$ (1.38)	\$ -	0.00%
CBR Class B Rate Riders	\$ -	727	\$ -	\$ -	727	\$ -	\$ -	
GA Rate Riders	-\$ 0.0004	727	\$ (0.29)	-\$ 0.0025	727	\$ (1.82)	\$ (1.53)	525.00%
Low Voltage Service Charge	\$ 0.0015	727	\$ 1.09	\$ 0.0015	727	\$ 1.09	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	727	\$ -	\$ -	727	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 34.66			\$ 33.60	\$ (1.06)	-3.05%
RTSR - Network	\$ 0.0060	777	\$ 4.66	\$ 0.0060	777	\$ 4.66	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0029	777	\$ 2.25	\$ 0.0029	777	\$ 2.25	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 41.58			\$ 40.52	\$ (1.06)	-2.55%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	777	\$ 2.64	\$ 0.0034	777	\$ 2.64	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	777	\$ 0.39	\$ 0.0005	777	\$ 0.39	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	727	\$ 80.04	\$ 0.1101	727	\$ 80.04	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 124.91			\$ 123.85	\$ (1.06)	-0.85%
HST	13%		\$ 16.24	13%		\$ 16.10	\$ (0.14)	-0.85%
Total Bill on Average IESO Wholesale Market Price			\$ 141.14			\$ 139.95	\$ (1.20)	-0.85%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	77	kWh
Demand	0	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.85	1	\$ 7.85	\$ 7.97	1	\$ 7.97	\$ 0.12	1.53%
Distribution Volumetric Rate	\$ 9.2485	0.2174429	\$ 2.01	\$ 9.3872	0.217442863	\$ 2.04	\$ 0.03	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0.2174429	\$ -	\$ -	0.217442863	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 9.86			\$ 10.01	\$ 0.15	1.52%
Line Losses on Cost of Power	\$ 0.1101	5	\$ 0.59	\$ 0.1101	5	\$ 0.59	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.3744	0	\$ (0.08)	-\$ 0.6776	0	\$ (0.15)	\$ (0.07)	80.98%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
GA Rate Riders	-\$ 0.0004	77	\$ (0.03)	-\$ 0.0025	77	\$ (0.19)	\$ (0.16)	525.00%
Low Voltage Service Charge	\$ 0.4152	0	\$ 0.09	\$ 0.4152	0	\$ 0.09	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 10.43			\$ 10.35	\$ (0.08)	-0.74%
RTSR - Network	\$ 1.8020	0	\$ 0.39	\$ 1.7927	0	\$ 0.39	\$ (0.00)	-0.52%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.8882	0	\$ 0.19	\$ 0.8736	0	\$ 0.19	\$ (0.00)	-1.64%
Sub-Total C - Delivery (including Sub-Total B)			\$ 11.01			\$ 10.93	\$ (0.08)	-0.75%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	82	\$ 0.28	\$ 0.0034	82	\$ 0.28	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	82	\$ 0.04	\$ 0.0005	82	\$ 0.04	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	77	\$ 8.48	\$ 0.1101	77	\$ 8.48	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 19.81			\$ 19.73	\$ (0.08)	-0.42%
HST	13%		\$ 2.58	13%		\$ 2.56	\$ (0.01)	-0.42%
Total Bill on Non-RPP Avg. Price			\$ 22.39			\$ 22.29	\$ (0.09)	-0.42%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	211	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 37.44	1	\$ 37.44	\$ 38.00	1	\$ 38.00	\$ 0.56	1.50%
Distribution Volumetric Rate	\$ -	211.1	\$ -	\$ -	211.1	\$ -	\$ -	-
DRP Adjustment		211.1	\$ (0.58)		211.1	\$ (1.14)	\$ (0.56)	96.55%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	211.1	\$ -	\$ -	211.1	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.86	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0824	15	\$ 1.21	\$ 0.0824	15	\$ 1.21	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0017	211	\$ (0.36)	\$ 0.0019	211	\$ (0.40)	\$ (0.04)	11.76%
CBR Class B Rate Riders	\$ -	211	\$ -	\$ -	211	\$ -	\$ -	-
GA Rate Riders	\$ -	211	\$ -	\$ -	211	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0016	211	\$ 0.34	\$ 0.0016	211	\$ 0.34	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders		211	\$ -	\$ -	211	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 38.62			\$ 38.57	\$ (0.04)	-0.11%
RTSR - Network	\$ 0.0063	226	\$ 1.42	\$ 0.0063	226	\$ 1.42	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0031	226	\$ 0.70	\$ 0.0030	226	\$ 0.68	\$ (0.02)	-3.23%
Sub-Total C - Delivery (including Sub-Total B)			\$ 40.74			\$ 40.67	\$ (0.06)	-0.16%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	226	\$ 0.77	\$ 0.0034	226	\$ 0.77	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	226	\$ 0.11	\$ 0.0005	226	\$ 0.11	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	137	\$ 8.92	\$ 0.0650	137	\$ 8.92	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	36	\$ 3.37	\$ 0.0940	36	\$ 3.37	\$ -	0.00%
TOU - On Peak	\$ 0.1340	38	\$ 5.09	\$ 0.1340	38	\$ 5.09	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 59.25			\$ 59.19	\$ (0.06)	-0.11%
HST		13%	\$ 7.70		13%	\$ 7.69	\$ (0.01)	-0.11%
8% Rebate		8%	\$ (4.74)		8%	\$ (4.73)	\$ 0.01	-
Total Bill on TOU			\$ 62.21			\$ 62.15	\$ (0.07)	-0.11%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 37.44	1	\$ 37.44	\$ 38.00	1	\$ 38.00	\$ 0.56	1.50%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
DRP Adjustment		750	\$ (0.58)		750	\$ (1.14)	\$ (0.56)	96.55%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.86	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.1101	52	\$ 5.73	\$ 0.1101	52	\$ 5.73	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0017	750	\$ (1.28)	-\$ 0.0019	750	\$ (1.43)	\$ (0.15)	11.76%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	-\$ 0.0004	750	\$ (0.30)	-\$ 0.0025	750	\$ (1.88)	\$ (1.58)	525.00%
Low Voltage Service Charge	\$ 0.0016	750	\$ 1.20	\$ 0.0016	750	\$ 1.20	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders		750	\$ -		750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 42.79			\$ 41.06	\$ (1.73)	-4.03%
RTSR - Network	\$ 0.0063	802	\$ 5.05	\$ 0.0063	802	\$ 5.05	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0031	802	\$ 2.49	\$ 0.0030	802	\$ 2.41	\$ (0.08)	-3.23%
Sub-Total C - Delivery (including Sub-Total B)			\$ 50.32			\$ 48.52	\$ (1.81)	-3.59%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	802	\$ 2.73	\$ 0.0034	802	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	802	\$ 0.40	\$ 0.0005	802	\$ 0.40	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 136.03			\$ 134.22	\$ (1.81)	-1.33%
HST	13%		\$ 17.68	13%		\$ 17.45	\$ (0.23)	-1.33%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 153.71			\$ 151.67	\$ (2.04)	-1.33%

Customer Class: **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 32.62	1	\$ 32.62	\$ 33.11	1	\$ 33.11	\$ 0.49	1.50%
Distribution Volumetric Rate	\$ 0.0182	2000	\$ 36.40	\$ 0.0185	2000	\$ 37.00	\$ 0.60	1.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 69.02			\$ 70.11	\$ 1.09	1.58%
Line Losses on Cost of Power	\$ 0.0824	139	\$ 11.43	\$ 0.0824	139	\$ 11.43	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0017	2,000	\$ (3.40)	-\$ 0.0019	2,000	\$ (3.80)	\$ (0.40)	11.76%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0015	2,000	\$ 3.00	\$ 0.0015	2,000	\$ 3.00	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 80.62			\$ 81.31	\$ 0.69	0.86%
RTSR - Network	\$ 0.0060	2,139	\$ 12.83	\$ 0.0060	2,139	\$ 12.83	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0029	2,139	\$ 6.20	\$ 0.0029	2,139	\$ 6.20	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 99.66			\$ 100.35	\$ 0.69	0.69%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,139	\$ 7.27	\$ 0.0034	2,139	\$ 7.27	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,139	\$ 1.07	\$ 0.0005	2,139	\$ 1.07	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1340	360	\$ 48.24	\$ 0.1340	360	\$ 48.24	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 272.95			\$ 273.64	\$ 0.69	0.25%
HST	13%		\$ 35.48	13%		\$ 35.57	\$ 0.09	0.25%
8% Rebate	8%		\$ (21.84)	8%		\$ (21.89)	\$ (0.06)	-
Total Bill on TOU			\$ 286.59			\$ 287.32	\$ 0.72	0.25%

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	66,088	kWh
Demand	214	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 196.81	1	\$ 196.81	\$ 199.76	1	\$ 199.76	\$ 2.95	1.50%
Distribution Volumetric Rate	\$ 1.1344	214	\$ 242.76	\$ 1.1514	214	\$ 246.40	\$ 3.64	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 439.57			\$ 446.16	\$ 6.59	1.50%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.6196	214	\$ (132.59)	-\$ 0.5996	214	\$ (128.31)	\$ 4.28	-3.23%
CBR Class B Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
GA Rate Riders	-\$ 0.0004	66,088	\$ (26.44)	-\$ 0.0025	66,088	\$ (165.22)	\$ (138.78)	525.00%
Low Voltage Service Charge	\$ 0.5377	214	\$ 115.07	\$ 0.5377	214	\$ 115.07	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 395.61			\$ 267.69	\$ (127.92)	-32.33%
RTSR - Network	\$ 2.3892	214	\$ 511.29	\$ 2.3769	214	\$ 508.66	\$ (2.63)	-0.51%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1491	214	\$ 245.91	\$ 1.1302	214	\$ 241.86	\$ (4.04)	-1.64%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,152.81			\$ 1,018.21	\$ (134.59)	-11.68%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	70,675	\$ 240.29	\$ 0.0034	70,675	\$ 240.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	70,675	\$ 35.34	\$ 0.0005	70,675	\$ 35.34	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	70,675	\$ 7,781.26	\$ 0.1101	70,675	\$ 7,781.26	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 9,209.70			\$ 9,075.11	\$ (134.59)	-1.46%
HST	13%		\$ 1,197.26	13%		\$ 1,179.76	\$ (17.50)	-1.46%
Total Bill on Non-RPP Avg. Price			\$ 10,406.96			\$ 10,254.87	\$ (152.09)	-1.46%



File Number: EB-2019-0058

Exhibit: 1

Tab: 2

Schedule: 1

Date Filed: November 24, 2019

Appendix 3 of 6

Appendix 3 – GA Analysis Workforms for 2017 & 2018

GA Analysis Workform

Version 1.0

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells
 Drop down cells

Utility Name NORTHERN ONTARIO WIRES INC.

Note 1 **Year(s) Requested for Disposition**

2014
 2015
 2016
 2017

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

Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K51)	Net Change in Principal Balance in the GL (cell C62)	Reconciling Items (sum of cells C63 to C75)	Adjusted Net Change in Principal Balance in the GL (cell C76)	Unresolved Difference	\$ Consumption at Actual Rate Paid (cell J51)	Unresolved Difference as % of Expected GA Payments to IESO
2014	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2015	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2017	\$ 71,086	\$ 327,677	\$ 254,049	\$ 73,628	\$ 2,543	\$ 6,244,470	0.0%
Cumulative Balance	\$ 71,086	\$ 327,677	-\$ 254,049	\$ 73,628	\$ 2,543	\$ 6,244,470	N/A

GA Analysis Workform

Note 2 **Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)**

Year		2017		
Total Metered excluding WMP	C = A+B	115,940,780	kWh	100%
RPP	A	51,609,507	kWh	44.5%
Non RPP	B = D+E	64,331,273	kWh	55.5%
Non-RPP Class A	D	5,163,181	kWh	4.5%
Non-RPP Class B*	E	59,168,092	kWh	51.0%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Note 3 **GA Billing Rate**

GA is billed on the

1st Estimate

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any particular month

Note 4 **Analysis of Expected GA Amount**

Year	2017									
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)	
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K	
January	6,712,837	6,712,837	6,399,218	6,399,218	0.06687	\$ 427,916	0.08227	\$ 526,464	\$ 98,548	
February	6,399,218	6,399,218	6,168,305	6,168,305	0.10559	\$ 651,311	0.08639	\$ 532,880	\$ 118,431	
March	6,168,305	6,168,305	6,744,638	6,744,638	0.08409	\$ 567,157	0.07135	\$ 481,230	\$ 85,927	
April	6,744,638	6,744,638	5,326,795	5,326,795	0.06874	\$ 366,164	0.10778	\$ 574,122	\$ 207,958	
May	5,326,795	5,326,795	5,387,514	5,387,514	0.10623	\$ 572,316	0.12307	\$ 653,041	\$ 90,726	
June	5,387,514	5,387,514	5,233,527	5,233,527	0.11954	\$ 625,616	0.11848	\$ 620,058	\$ 5,548	
July	5,233,527	5,233,527	4,026,579	4,026,579	0.10652	\$ 428,911	0.11280	\$ 454,198	\$ 25,287	
August	4,026,579	4,026,579	4,200,325	4,200,325	0.11500	\$ 483,037	0.10109	\$ 424,611	\$ 58,427	
September	4,200,325	4,200,325	4,169,061	4,169,061	0.12739	\$ 531,097	0.08864	\$ 369,546	\$ 161,551	
October	4,169,061	4,169,061	4,455,150	4,455,150	0.10212	\$ 454,960	0.12563	\$ 559,700	\$ 104,741	
November	4,455,150	4,455,150	5,100,773	5,100,773	0.11164	\$ 569,450	0.09704	\$ 494,979	\$ 74,471	
December	5,100,773	5,100,773	5,904,534	5,904,534	0.08391	\$ 495,449	0.09207	\$ 543,630	\$ 48,181	
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	63,924,722	63,924,722	63,116,419	63,116,419		\$ 6,173,384		\$ 6,244,470	\$ 71,086	

Calculated Loss Factor

1.0667

Note 5 **Reconciling Items.**

Item	Amount	Explanation
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 327,677	
1a True-up of GA Charges based on Actual Non-RPP Volumes - prior year		Actual volumes used
1b True-up of GA Charges based on Actual Non-RPP Volumes - current year		Actual volumes used
2a Remove prior year end unbilled to actual revenue differences		Actual figures used for unbilled calculation
2b Add current year end unbilled to actual revenue differences		Actual figures used for unbilled calculation
3a Remove difference between prior year accrual/forecast to actual from long term load transfers		Do not have any long term load transfers
3b Add difference between current year accrual/forecast to actual from long term load transfers		Do not have any long term load transfers
4 Remove GA balances pertaining to Class A customers		No Balance pertaining to Class A customers
5 Significant prior period billing adjustments recorded in current year		No significant adjustments
6 Differences in GA IESO posted rate and rate charged on IESO invoice	-\$ 1,785	Difference in GA posted rate and that on IESO invoice, and IESO correction to be completed after year end.
7 Differences in actual system losses and billed TLFs		
8 Others as justified by distributor	-\$ 252,264	Adjustment between 1588 to exclude new Class A consumption from RPP/Non-RPP split calculation. Difference
9		
10		

Note 6 Adjusted Net Change in Principal Balance in the GL	\$	73,628
Net Change in Expected GA Balance in the Year Per Analysis	\$	71,086
Unresolved Difference	\$	2,543
Unresolved Difference as % of Expected GA Payments to IESO		0.0%

GA Analysis Workform

Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells

Drop down cells

Utility Name

Note 1 Please select "Yes" in column D for any year being requested for disposition

	2014	No
	2015	No
	2016	No
	2017	No
	2018	Yes

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

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2018	\$ (69,378)	\$ (36,989)	\$ (22,193)	\$ (59,182)	\$ 10,196	\$ 4,642,248	0.2%
Cumulative Balance	\$ (69,378)	\$ (36,989)	\$ (22,193)	\$ (59,182)	\$ 10,196	\$ 4,642,248	N/A

GA Analysis Workform

Note 2 Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)

Year		2018		
Total Metered excluding WMP	C = A+B	117,028,007	kWh	100%
RPP	A	53,317,626	kWh	45.6%
Non RPP	B = D+E	63,710,381	kWh	54.4%
Non-RPP Class A	D	16,061,836	kWh	13.7%
Non-RPP Class B*	E	47,648,545	kWh	40.7%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Please confirm that the above RRR data is accurate Confirmed

Note 3 GA Billing Rate

GA is billed on the

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any particular month Yes

Note 4 Analysis of Expected GA Amount

Year	2018									
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh) F	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh) G	Add Current Month Unbilled Loss Adjusted Consumption (kWh) H	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh) I = F-G+H	GA Rate Billed (\$/kWh) J	\$ Consumption at GA Rate Billed K = I*J	GA Actual Rate Paid (\$/kWh) L	\$ Consumption at Actual Rate Paid M = I*L	Expected GA Variance (\$) =M-K	
January	5,904,534	5,904,534	5,824,013	5,824,013	0.08777	\$ 511,174	0.06736	\$ 392,306	\$ (118,868)	
February	5,824,013	5,824,013	5,345,377	5,345,377	0.07333	\$ 391,976	0.08167	\$ 436,557	\$ 44,580	
March	5,345,377	5,345,377	5,362,418	5,362,418	0.07877	\$ 422,398	0.09481	\$ 508,411	\$ 86,013	
April	5,362,418	5,362,418	4,615,295	4,615,295	0.09810	\$ 452,760	0.09959	\$ 459,637	\$ 6,877	
May	4,615,295	4,615,295	4,336,192	4,336,192	0.09392	\$ 407,255	0.10793	\$ 468,005	\$ 60,750	
June	4,336,192	4,336,192	4,075,605	4,075,605	0.13336	\$ 543,523	0.11896	\$ 484,834	\$ (58,689)	
July	4,075,605	4,075,605	3,157,705	3,157,705	0.08502	\$ 268,468	0.07737	\$ 244,312	\$ (24,156)	
August	3,157,705	3,157,705	3,274,713	3,274,713	0.07790	\$ 255,100	0.07490	\$ 245,276	\$ (9,824)	
September	3,274,713	3,274,713	3,041,737	3,041,737	0.08424	\$ 256,236	0.08584	\$ 261,103	\$ 4,867	
October	3,041,737	3,041,737	3,554,761	3,554,761	0.08921	\$ 317,120	0.12059	\$ 428,669	\$ 111,548	
November	3,554,761	3,554,761	4,034,954	4,034,954	0.12235	\$ 493,677	0.09855	\$ 397,645	\$ (96,032)	
December	4,034,954	4,034,954	4,261,138	4,261,138	0.09198	\$ 391,939	0.07404	\$ 315,495	\$ (76,445)	
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	52,527,304	52,527,304	50,883,908	50,883,908		\$ 4,711,627		\$ 4,642,248	\$ (69,378)	

Calculated Loss Factor 1.0679

Note 5 Reconciling Items

Item	Amount	Explanation	Principal Adjustments on DVA Continuity Schedule	Principal Adjustments If "no", please provide an explanation	\$ Principal Adjustment on DVA Continuity Schedule
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ (36,989)				
1a True-up of GA Charges based on Actual Non-RPP Volumes - prior year		Actual volumes used			
1b True-up of GA Charges based on Actual Non-RPP Volumes - current year		Actual volumes used			
2a Remove prior year end unbilled to actual revenue differences		Actual figures used for unbilled calculation			
2b Add current year end unbilled to actual revenue differences		Actual figures used for unbilled calculation			
3a Remove difference between prior year accrual/forecast to actual from long term load transfers		Do not have any long term load transfers			
3b Add difference between current year accrual/forecast to actual from long term load transfers		Do not have any long term load transfers			
4 Remove GA balances pertaining to Class A customers		No Balance pertaining to Class A customers			
5 Significant prior period billing adjustments recorded in current year		No significant adjustments			
6 Differences in GA IESO posted rate and rate charged on IESO invoice	\$ 19,292	Difference in GA posted rate and that on IESO invoice	No	ad vs actual rate not a principal adjustment	
7 Differences in actual system losses and billed TLFs					
8 Others as justified by distributor					
9 Variance in calculation of RPP/non-RPP split (reversal)	\$ (77,780)	Reversal of split correction, originally reconciling item debit of \$77,780 in 2016.	Yes		\$ (77,780)
10 Reversal of IESO correction completed in 2018	\$ 36,294	PY EST 39,660.49; Actual 82112.81*.442 = 36293.86 (39660.49-36293 = 36294)	No	if as reconciling item only to offset amount recorded on IESO in current year.	\$ (77,780)
			Total Principal Adjustments on DVA Continuity Schedule		\$ (77,780)

Note 6 Adjusted Net Change in Principal Balance in the GL

Net Change in Expected GA Balance in the Year Per Analysis	\$ (69,378)
Unresolved Difference	\$ 10,196
Unresolved Difference as % of Expected GA Payments to IESO	0.2%



File Number: EB-2019-0058

Exhibit: 1

Tab: 2

Schedule: 1

Date Filed: November 25, 2019

Appendix 4 of 6

Appendix 4 – Bill Impacts

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 37.44	1	\$ 37.44	\$ 38.00	1	\$ 38.00	\$ 0.56	1.50%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
DRP Adjustment	\$ -	750	\$ (0.58)	\$ -	750	\$ (1.14)	\$ (0.56)	96.55%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.86	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0824	52	\$ 4.29	\$ 0.0824	52	\$ 4.29	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0017	750	\$ (1.28)	\$ 0.0019	750	\$ (1.43)	\$ (0.15)	11.76%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0016	750	\$ 1.20	\$ 0.0016	750	\$ 1.20	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 41.64			\$ 41.49	\$ (0.15)	-0.36%
RTSR - Network	\$ 0.0063	802	\$ 5.05	\$ 0.0063	802	\$ 5.05	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0031	802	\$ 2.49	\$ 0.0030	802	\$ 2.41	\$ (0.08)	-3.23%
Sub-Total C - Delivery (including Sub-Total B)			\$ 49.18			\$ 48.95	\$ (0.23)	-0.47%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	802	\$ 2.73	\$ 0.0034	802	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	802	\$ 0.40	\$ 0.0005	802	\$ 0.40	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	128	\$ 11.99	\$ 0.0940	128	\$ 11.99	\$ -	0.00%
TOU - On Peak	\$ 0.1340	135	\$ 18.09	\$ 0.1340	135	\$ 18.09	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 114.32			\$ 114.09	\$ (0.23)	-0.20%
HST		13%	\$ 14.86		13%	\$ 14.83	\$ (0.03)	-0.20%
8% Rebate		8%	\$ (9.15)		8%	\$ (9.13)	\$ 0.02	0.22%
Total Bill on TOU			\$ 120.04			\$ 119.80	\$ (0.24)	-0.20%

Customer Class: **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 32.62	1	\$ 32.62	\$ 33.11	1	\$ 33.11	\$ 0.49	1.50%
Distribution Volumetric Rate	\$ 0.0182	2000	\$ 36.40	\$ 0.0185	2000	\$ 37.00	\$ 0.60	1.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 69.02			\$ 70.11	\$ 1.09	1.58%
Line Losses on Cost of Power	\$ 0.0824	139	\$ 11.43	\$ 0.0824	139	\$ 11.43	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0017	2,000	\$ (3.40)	-\$ 0.0019	2,000	\$ (3.80)	\$ (0.40)	11.76%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0015	2,000	\$ 3.00	\$ 0.0015	2,000	\$ 3.00	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 80.62			\$ 81.31	\$ 0.69	0.86%
RTSR - Network	\$ 0.0060	2,139	\$ 12.83	\$ 0.0060	2,139	\$ 12.83	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0029	2,139	\$ 6.20	\$ 0.0029	2,139	\$ 6.20	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 99.66			\$ 100.35	\$ 0.69	0.69%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,139	\$ 7.27	\$ 0.0034	2,139	\$ 7.27	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,139	\$ 1.07	\$ 0.0005	2,139	\$ 1.07	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1340	360	\$ 48.24	\$ 0.1340	360	\$ 48.24	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 272.95			\$ 273.64	\$ 0.69	0.25%
HST	13%		\$ 35.48	13%		\$ 35.57	\$ 0.09	0.25%
8% Rebate	8%		\$ (21.84)	8%		\$ (21.89)	\$ (0.06)	-
Total Bill on TOU			\$ 286.59			\$ 287.32	\$ 0.72	0.25%

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	66,088	kWh
Demand	214	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 196.81	1	\$ 196.81	\$ 199.76	1	\$ 199.76	\$ 2.95	1.50%
Distribution Volumetric Rate	\$ 1.1344	214	\$ 242.76	\$ 1.1514	214	\$ 246.40	\$ 3.64	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 439.57			\$ 446.16	\$ 6.59	1.50%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.6196	214	\$ (132.59)	-\$ 0.5996	214	\$ (128.31)	\$ 4.28	-3.23%
CBR Class B Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
GA Rate Riders	-\$ 0.0004	66,088	\$ (26.44)	-\$ 0.0025	66,088	\$ (165.22)	\$ (138.78)	525.00%
Low Voltage Service Charge	\$ 0.5377	214	\$ 115.07	\$ 0.5377	214	\$ 115.07	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 395.61			\$ 267.69	\$ (127.92)	-32.33%
RTSR - Network	\$ 2.3892	214	\$ 511.29	\$ 2.3769	214	\$ 508.66	\$ (2.63)	-0.51%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1491	214	\$ 245.91	\$ 1.1302	214	\$ 241.86	\$ (4.04)	-1.64%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,152.81			\$ 1,018.21	\$ (134.59)	-11.68%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	70,675	\$ 240.29	\$ 0.0034	70,675	\$ 240.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	70,675	\$ 35.34	\$ 0.0005	70,675	\$ 35.34	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	70,675	\$ 7,781.26	\$ 0.1101	70,675	\$ 7,781.26	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 9,209.95			\$ 9,075.36	\$ (134.59)	-1.46%
HST	13%		\$ 1,197.29	13%		\$ 1,179.80	\$ (17.50)	-1.46%
Total Bill on Average IESO Wholesale Market Price			\$ 10,407.24			\$ 10,255.15	\$ (152.09)	-1.46%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	727	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 16.53	1	\$ 16.53	\$ 16.78	1	\$ 16.78	\$ 0.25	1.51%
Distribution Volumetric Rate	\$ 0.0181	727	\$ 13.16	\$ 0.0184	727	\$ 13.38	\$ 0.22	1.66%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	727	\$ -	\$ -	727	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 29.69			\$ 30.16	\$ 0.47	1.58%
Line Losses on Cost of Power	\$ 0.1101	50	\$ 5.55	\$ 0.1101	50	\$ 5.55	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0019	727	\$ (1.38)	-\$ 0.0019	727	\$ (1.38)	\$ -	0.00%
CBR Class B Rate Riders	\$ -	727	\$ -	\$ -	727	\$ -	\$ -	
GA Rate Riders	-\$ 0.0004	727	\$ (0.29)	-\$ 0.0025	727	\$ (1.82)	\$ (1.53)	525.00%
Low Voltage Service Charge	\$ 0.0015	727	\$ 1.09	\$ 0.0015	727	\$ 1.09	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	727	\$ -	\$ -	727	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 34.66			\$ 33.60	\$ (1.06)	-3.05%
RTSR - Network	\$ 0.0060	777	\$ 4.66	\$ 0.0060	777	\$ 4.66	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0029	777	\$ 2.25	\$ 0.0029	777	\$ 2.25	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 41.58			\$ 40.52	\$ (1.06)	-2.55%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	777	\$ 2.64	\$ 0.0034	777	\$ 2.64	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	777	\$ 0.39	\$ 0.0005	777	\$ 0.39	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	727	\$ 80.04	\$ 0.1101	727	\$ 80.04	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 124.91			\$ 123.85	\$ (1.06)	-0.85%
HST	13%		\$ 16.24	13%		\$ 16.10	\$ (0.14)	-0.85%
Total Bill on Average IESO Wholesale Market Price			\$ 141.14			\$ 139.95	\$ (1.20)	-0.85%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	77	kWh
Demand	0	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.85	1	\$ 7.85	\$ 7.97	1	\$ 7.97	\$ 0.12	1.53%
Distribution Volumetric Rate	\$ 9.2485	0.2174429	\$ 2.01	\$ 9.3872	0.217442863	\$ 2.04	\$ 0.03	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0.2174429	\$ -	\$ -	0.217442863	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 9.86			\$ 10.01	\$ 0.15	1.52%
Line Losses on Cost of Power	\$ 0.1101	5	\$ 0.59	\$ 0.1101	5	\$ 0.59	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.3744	0	\$ (0.08)	-\$ 0.6776	0	\$ (0.15)	\$ (0.07)	80.98%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
GA Rate Riders	-\$ 0.0004	77	\$ (0.03)	-\$ 0.0025	77	\$ (0.19)	\$ (0.16)	525.00%
Low Voltage Service Charge	\$ 0.4152	0	\$ 0.09	\$ 0.4152	0	\$ 0.09	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 10.43			\$ 10.35	\$ (0.08)	-0.74%
RTSR - Network	\$ 1.8020	0	\$ 0.39	\$ 1.7927	0	\$ 0.39	\$ (0.00)	-0.52%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.8882	0	\$ 0.19	\$ 0.8736	0	\$ 0.19	\$ (0.00)	-1.64%
Sub-Total C - Delivery (including Sub-Total B)			\$ 11.01			\$ 10.93	\$ (0.08)	-0.75%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	82	\$ 0.28	\$ 0.0034	82	\$ 0.28	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	82	\$ 0.04	\$ 0.0005	82	\$ 0.04	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	77	\$ 8.48	\$ 0.1101	77	\$ 8.48	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 19.81			\$ 19.73	\$ (0.08)	-0.42%
HST		13%	\$ 2.58	13%		\$ 2.56	\$ (0.01)	-0.42%
Total Bill on Non-RPP Avg. Price			\$ 22.39			\$ 22.29	\$ (0.09)	-0.42%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	211	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 37.44	1	\$ 37.44	\$ 38.00	1	\$ 38.00	\$ 0.56	1.50%
Distribution Volumetric Rate	\$ -	211.1	\$ -	\$ -	211.1	\$ -	\$ -	-
DRP Adjustment		211.1	\$ (0.58)		211.1	\$ (1.14)	\$ (0.56)	96.55%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	211.1	\$ -	\$ -	211.1	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.86	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0824	15	\$ 1.21	\$ 0.0824	15	\$ 1.21	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0017	211	\$ (0.36)	\$ 0.0019	211	\$ (0.40)	\$ (0.04)	11.76%
CBR Class B Rate Riders	\$ -	211	\$ -	\$ -	211	\$ -	\$ -	-
GA Rate Riders	\$ -	211	\$ -	\$ -	211	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0016	211	\$ 0.34	\$ 0.0016	211	\$ 0.34	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders		211	\$ -	\$ -	211	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 38.62			\$ 38.57	\$ (0.04)	-0.11%
RTSR - Network	\$ 0.0063	226	\$ 1.42	\$ 0.0063	226	\$ 1.42	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0031	226	\$ 0.70	\$ 0.0030	226	\$ 0.68	\$ (0.02)	-3.23%
Sub-Total C - Delivery (including Sub-Total B)			\$ 40.74			\$ 40.67	\$ (0.06)	-0.16%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	226	\$ 0.77	\$ 0.0034	226	\$ 0.77	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	226	\$ 0.11	\$ 0.0005	226	\$ 0.11	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	137	\$ 8.92	\$ 0.0650	137	\$ 8.92	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	36	\$ 3.37	\$ 0.0940	36	\$ 3.37	\$ -	0.00%
TOU - On Peak	\$ 0.1340	38	\$ 5.09	\$ 0.1340	38	\$ 5.09	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 59.25			\$ 59.19	\$ (0.06)	-0.11%
HST		13%	\$ 7.70		13%	\$ 7.69	\$ (0.01)	-0.11%
8% Rebate		8%	\$ (4.74)		8%	\$ (4.73)	\$ 0.01	-
Total Bill on TOU			\$ 62.21			\$ 62.15	\$ (0.07)	-0.11%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 37.44	1	\$ 37.44	\$ 38.00	1	\$ 38.00	\$ 0.56	1.50%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
DRP Adjustment		750	\$ (0.58)		750	\$ (1.14)	\$ (0.56)	96.55%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.86	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.1101	52	\$ 5.73	\$ 0.1101	52	\$ 5.73	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0017	750	\$ (1.28)	-\$ 0.0019	750	\$ (1.43)	\$ (0.15)	11.76%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	-\$ 0.0004	750	\$ (0.30)	-\$ 0.0025	750	\$ (1.88)	\$ (1.58)	525.00%
Low Voltage Service Charge	\$ 0.0016	750	\$ 1.20	\$ 0.0016	750	\$ 1.20	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders		750	\$ -		750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 42.79			\$ 41.06	\$ (1.73)	-4.03%
RTSR - Network	\$ 0.0063	802	\$ 5.05	\$ 0.0063	802	\$ 5.05	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0031	802	\$ 2.49	\$ 0.0030	802	\$ 2.41	\$ (0.08)	-3.23%
Sub-Total C - Delivery (including Sub-Total B)			\$ 50.32			\$ 48.52	\$ (1.81)	-3.59%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	802	\$ 2.73	\$ 0.0034	802	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	802	\$ 0.40	\$ 0.0005	802	\$ 0.40	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 136.03			\$ 134.22	\$ (1.81)	-1.33%
HST	13%		\$ 17.68	13%		\$ 17.45	\$ (0.23)	-1.33%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 153.71			\$ 151.67	\$ (2.04)	-1.33%

Customer Class: **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 32.62	1	\$ 32.62	\$ 33.11	1	\$ 33.11	\$ 0.49	1.50%
Distribution Volumetric Rate	\$ 0.0182	2000	\$ 36.40	\$ 0.0185	2000	\$ 37.00	\$ 0.60	1.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 69.02			\$ 70.11	\$ 1.09	1.58%
Line Losses on Cost of Power	\$ 0.0824	139	\$ 11.43	\$ 0.0824	139	\$ 11.43	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0017	2,000	\$ (3.40)	-\$ 0.0019	2,000	\$ (3.80)	\$ (0.40)	11.76%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0015	2,000	\$ 3.00	\$ 0.0015	2,000	\$ 3.00	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 80.62			\$ 81.31	\$ 0.69	0.86%
RTSR - Network	\$ 0.0060	2,139	\$ 12.83	\$ 0.0060	2,139	\$ 12.83	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0029	2,139	\$ 6.20	\$ 0.0029	2,139	\$ 6.20	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 99.66			\$ 100.35	\$ 0.69	0.69%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,139	\$ 7.27	\$ 0.0034	2,139	\$ 7.27	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,139	\$ 1.07	\$ 0.0005	2,139	\$ 1.07	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1340	360	\$ 48.24	\$ 0.1340	360	\$ 48.24	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 272.95			\$ 273.64	\$ 0.69	0.25%
HST	13%		\$ 35.48	13%		\$ 35.57	\$ 0.09	0.25%
8% Rebate	8%		\$ (21.84)	8%		\$ (21.89)	\$ (0.06)	-
Total Bill on TOU			\$ 286.59			\$ 287.32	\$ 0.72	0.25%

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	66,088	kWh
Demand	214	kW
Current Loss Factor	1.0694	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 196.81	1	\$ 196.81	\$ 199.76	1	\$ 199.76	\$ 2.95	1.50%
Distribution Volumetric Rate	\$ 1.1344	214	\$ 242.76	\$ 1.1514	214	\$ 246.40	\$ 3.64	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 439.57			\$ 446.16	\$ 6.59	1.50%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.6196	214	\$ (132.59)	-\$ 0.5996	214	\$ (128.31)	\$ 4.28	-3.23%
CBR Class B Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
GA Rate Riders	-\$ 0.0004	66,088	\$ (26.44)	-\$ 0.0025	66,088	\$ (165.22)	\$ (138.78)	525.00%
Low Voltage Service Charge	\$ 0.5377	214	\$ 115.07	\$ 0.5377	214	\$ 115.07	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	214	\$ -	\$ -	214	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 395.61			\$ 267.69	\$ (127.92)	-32.33%
RTSR - Network	\$ 2.3892	214	\$ 511.29	\$ 2.3769	214	\$ 508.66	\$ (2.63)	-0.51%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1491	214	\$ 245.91	\$ 1.1302	214	\$ 241.86	\$ (4.04)	-1.64%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,152.81			\$ 1,018.21	\$ (134.59)	-11.68%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	70,675	\$ 240.29	\$ 0.0034	70,675	\$ 240.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	70,675	\$ 35.34	\$ 0.0005	70,675	\$ 35.34	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	70,675	\$ 7,781.26	\$ 0.1101	70,675	\$ 7,781.26	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 9,209.70			\$ 9,075.11	\$ (134.59)	-1.46%
HST	13%		\$ 1,197.26	13%		\$ 1,179.76	\$ (17.50)	-1.46%
Total Bill on Non-RPP Avg. Price			\$ 10,406.96			\$ 10,254.87	\$ (152.09)	-1.46%



File Number: EB-2019-0058

Exhibit: 1

Tab: 2

Schedule: 1

Date Filed: November 25, 2019

Appendix 5 of 6

Appendix 5 – OEB Appendix A GA Methodology

Appendix A

GA Methodology Description

Questions on Accounts 1588 & 1589¹

1. In booking expense journal entries for Charge Type (CT) 1142 and CT 148 from the IESO invoice, please confirm which of the following approaches is used:
 - a. CT 1142 is booked into Account 1588. CT 148 is pro-rated based on RPP/non-RPP consumption and then booked into Account 1588 and 1589 respectively.

NOW Inc. uses method a). Charge Type 1142 is booked through Account 1588. Charge Type 148 is booked to Account 1588 and 1589 based on RPP/non-RPP consumption.

- b. CT 148 is booked into Account 1589. The portion of CT 1142 equaling RPP minus HOEP for RPP consumption is booked into Account 1588. The portion of CT 1142 equaling GA RPP is credited into Account 1589.

N/A

- c. If another approach is used, please explain in detail.

N/A

2. Questions on CT 1142

- a. Please describe how the initial RPP related GA is determined for settlement forms submitted by day 4 after the month-end (resulting in CT 1142 on the IESO invoice).

NOW Inc. uses the first estimate to bill customers and is applicable to all rate classes. The monthly settlements are completed within four business days after month end. This entails settling the difference between RPP Pricing and Spot rate. This is done with both Time of Use (TOU) and conventional meters.

TOU Meters are read at month end based on the calendar month. There is no estimate for these meters as actual consumption is provided. The data is separated by off-peak, mid-peak, and on-peak. The amounts billed to

¹In all references in the questions relating to amounts booked to accounts 1588 and 1589, amounts are not booked directly to accounts USoA 1588 and 1589 relating to power purchase transactions, but are rather booked to the cost of power USoA 4705 Power Purchased, and 4707, Charges – Global Adjustment, respectively. However, accounts 1588 and 1589 are impacted the same way as account 4705 and 4707 are for cost of power transactions.

customers are compared against the actual consumption at the market rate and the difference is reported and settled with the IESO.

Conventional meters are read on the first of the month so no estimation is required. The consumption is allocated to the two tiers. The amount charged at fixed rates is then compared against the market rate and settled with the IESO.

- b. Please describe the process for truing up CT 1142 to actual RPP kWh, including which data is used for each TOU/Tier 1&2 prices, as well as the timing of the true up.

NOW Inc.'s true up process is completed monthly (The June true up is reported in July). This entails aligning the consumption months to the proper rate months and calculating the variance using the actual GA and HOEP rates versus what was originally submitted. The true ups are initially recorded when submitted to the IESO. The RPP settlement true ups are then recorded on the accrual basis so that the true up is reflected in the proper month in the general ledger. NOW Inc. acknowledges the guidance on disposition in the OEB letter dated May 23, 2017, *Guidance on the Disposition of Accounts 1588 and 1589* and has incorporated the guidance into operations.

- c. Has CT 1142 been trued up for with the IESO for all of 2018?
Yes, CT 1142 has been trued up with the IESO for all of 2018.

- d. Which months from 2018 were trued up in 2019?
December 2018 was trued up in 2019, the true up amount was accrued in the 2018 General Ledger.

- e. Have all of the 2018 related true-up been reflected in the applicant's DVA Continuity Schedule in this proceeding?
Yes.

- f. Please quantify the amount reflected in the DVA Continuity Schedule, and the column where it is included.

The closing principal balance for December 2018 in Column BG for 1589 is -\$79,016. The net change in the account is in column BD -\$36,989 for 1589 which corresponds to the GA Analysis workform. The adjustments are included in column BF and can be seen reconciled in 4d) below. The closing principal balance for 1588 is -\$167,355 in column BG.

3. Questions on CT 148

- a. Please describe the process for the initial recording of CT 148 in the accounts (i.e. 1588 and 1589).

NOW Inc. downloads the monthly usage from the CIS Northstar and allocates the Class B Global Adjustment line from the IESO invoice (CT 148) based on the percentage of billed RPP consumption in comparison to the total billed consumption for class B customers.

The RPP percentage split is calculated using those figures and are prorated against the monthly CT 148 Class B Global Adjustment amount. This ensures that the amounts reflected in 1588 and 1589 relate to RPP and non-RPP respectively.

- b. Please describe the process for true up of the GA related cost to ensure that the amounts reflected in Account 1588 are related to RPP GA costs and amounts in 1589 are related to only non-RPP GA costs.

There is no true up required relating to Class B Global Adjustment reflected in 1588 and 1589 as the monthly allocation are based on actual consumption for the month which corresponds to the actual costs incurred.

- c. What data is used to determine the non-RPP kWh volume that is multiplied with the actual GA per kWh rate (based on CT 148) for recording as expense in Account 1589 for initial recording of the GA expense?

NOW Inc. retrieves and compiles stat reports from the CIS in order to separate RPP and Non-RPP consumption for all Class B customers monthly. The RPP and Non-RPP consumption proportions are applied to the CT 148 Class B Global Adjustment amount. The initial recording

splits the RPP GA amount to account 1588 with the Non-RPP amount to account 1589.

- d. Does the utility true up the initial recording of CT 148 in Accounts 1588 and 1589 based on estimated proportions to actuals based on actual consumption proportions for RPP and non-RPP?

NOW Inc. does not true up the initial recording of CT148 in account 1588 and 1589 as the allocations are based on actual consumption proportions for RPP and Non-RPP consumption.

- e. Please indicate which months from 2018 were trued up in 2019 for CT 148 proportions between RPP and non-RPP.

See d) above. No true ups were required.

- f. Are all true-ups for 2018 consumption reflected in the DVA Continuity Schedule under 2018.

No true ups were recorded with the exception of the 2018 adjustments shown in 4d) below which are reflected in the DVA Continuity Schedule for 2018.

- g. Please quantify the amount reflected in the DVA Continuity Schedule, and the column where it is included.

The closing principal balance for December 2018 in Column BG for 1589 is -\$79,016. The net change in the account is in column BD -\$36,989 for 1589 which corresponds to the GA Analysis workform. The adjustments are included in column BF and can be seen reconciled in 4d) below. The closing principal balance for 1588 is -\$167,355 in column BG.

4. Questions regarding principal adjustments and reversals on the DVA Continuity Schedule:

Questions on Principal Adjustments - Accounts 1588 and 1589

- a. Did the applicant have principal adjustments in its 2019 rate proceeding which were approved for disposition?

Yes.

- b. Please provide a break-down of the total amount of principal adjustments that were approved (e.g. true-up of unbilled (for 1589 only), true up of CT 1142, true up of CT 148 etc.).

**INSTRUCTIONS FOR COMPLETING GA ANALYSIS
WORKFORM**



CR 1588 \$53,556 for RPP settlement claim for the 2016 fiscal year reversed

DR 1588 CR 1589 \$252,264 for RPP split adjustment

CR 1588 and 1589 for GA adjustment accrual \$42,452 & \$39,661

c. Has the applicant reversed the adjustment approved in 2019 in its current proposed amount for disposition?

The adjustments were reversals of 2019 application and as such no reversal are required in the current rate application.

d. Please provide a breakdown of the amounts shown under principal adjustments in the DVA Continuity Schedule filed in the current proceeding, including the reversals and the new true up amounts regarding 2018 true ups.

See E01T01S05 page 8 for explanation on 2018 adjustments.

		Account 1588	Account 1589	Total
Reversals	RPP Split reversal	\$ 77,780.00	-\$ 77,780.00	\$ -
				\$ -
2018 Adjustments				\$ -
				\$ -
		\$ 77,780.00	-\$ 77,780.00	\$ -

e. Do the amount calculated in part d. above reconcile to the applicant's principal adjustments shown in the DVA Continuity Schedule for the current proceeding? If not, please provide an explanation.

Yes.

f. Please confirm that the principal adjustments shown on the DVA Continuity Schedule are reflected in the GL transactions. As an example, the unbilled to actual true-up for 1589 would already be reflected in the applicant's GL in the normal course of business. However, if a principal adjustment related to proportions between 1588 and 1589 was made, applicant must ensure that the GL reflects the movement between the two accounts.

The principal adjustments for the 2018 year are recorded in the General Ledger and accrued in the DVA workbook to reflect the proper period for disposition.



File Number: EB-2019-0058

Exhibit: 1

Tab: 2

Schedule: 1

Date Filed: November 25, 2019

Appendix 6 of 6

Appendix 6 – 2020 IRM Checklist

2020 IRM Checklist

Northern Ontario Wires Inc.

EB-2019-0058

Filing Requirement
Page # Reference

Date: November 25, 2019

IRM REQUIREMENTS		Evidence Reference, Notes
3.1.2 Components of the Application Filing , Pg. 3-4		
Pg. 3	Manager's summary documenting and explain all rate adjustments requested	E1\T1\55
3	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact	E1\T1\52, #8
4	Completed Rate Generator Model and supplementary work forms, Excel and PDF	E1\T2\51 Appendix 1
4	Current tariff sheet, PDF	E1\T2\51 Appendix 2, 3
4	Supporting documentation (e.g. relevant past decisions, RRWF etc.)	E1\T1\55
4	Statement as to who will be affected by the application, specific customer groups affected by particular request	E1\T1\55, pg 3
4	Applicant's internet address	E1\T1\54
4	Statement confirming accuracy of billing determinants pre-populated in model	E1\T1\55, pg 2, 1 22-23
4	Text searchable PDF format for all documents	Done
3.1.3 Applications and Electronic Models, Pg. 5-6		
5	Populated GA Analysis Workform	E1\T2\51 Appendix 3
5	If required, for distributors seeking revenue to cost ratio adjustments due to previous OEB decision, the Revenue to Cost Ratio Adjustment Workform must be filed	N/A
5	For an incremental or pre-approved advanced capital module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module Applicable to ACM and ICM	N/A
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform	N/A
5 & 6	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub-accounts	N/A
Addendum, Page 15	All distributors must file the responses to the questions in Appendix A of the GA Analysis Workform.	E1\T2\51 Appendix 5
3.2.2 Revenue to Cost Ratio Adjustments		
8	Completed revenue-to-cost ratio adjustment workform to adjust the revenue-to-cost ratio if previously approved by the OEB	N/A
3.2.3 Rate Design for Residential Electricity Customers		
<i>Residential Rate Design - Exceptions and Mitigation (applicable only to distributors that have not completed the rate design transition)</i>		E1\T1\55 pg2, 1 25-26
9	Extension of OEB-approved transition period, if necessary	N/A
9	Alternative/additional strategy in the event that an additional transition year is insufficient, or that no extension is necessary, however substantiated with reasons	N/A
9	Calculation of the combined impact of the fixed rate increase and any other changes in the cost of distribution service for those residential RPP customers who are at the 10th percentile of overall consumption	N/A
9	Description of the method used to derive the 10th consumption percentile. The description should include a discussion regarding the nature of the data that was used (e.g. was the source data for all residential customers or a representative sample of residential customers).	N/A
9	If the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not required	N/A
10	Mitigation plan if total bill increases for any customer class exceed 10%	N/A
3.2.4 Electricity Distribution Retail Transmission Service Rates		
No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB		
3.2.5 Review and Disposition of Group 1 DVA Balances, Pg. 10-16		
10	Justification if any account balance in excess of the threshold should not be disposed	N/A
11	Completed tab 3 - continuity schedule in Rate Generator Model	E1\T2\51 Appendix 2
11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	E1\T1\55 pg 7 115
11	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis. If yes, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled "Adjustments to Deferral and Variance Accounts"	E1\T1\55 pg 7 110
12	GA rate riders calculated on an energy basis (kWh)	E1\T1\55 pg 8 12
General	Propose rate riders for recovery or refund of balances that are proposed for disposition. The default disposition period is one year; if the applicant is proposing an alternative recovery period must provide explanation.	E1\T1\55 pg 7 14
3.2.5.1 Wholesale Market Participants		
12	Establish separate rate riders to recover balances in the RSVA's from Market Participants who must not be allocated the RSVA balances related to charges for which the WMP's settle directly with the IESO.	N/A
3.2.5.2 Global Adjustment		
13	Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP Class B customers when clearing balances from the GA Variance Account	E1\T2\51 Appendix 2
14 & Addendum, Pages 16 - 17	For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distributors are seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and responses to questions in Appendix A of the GA Analysis Workform Instructions; explain discrepancies. Unexplained discrepancies calculated separately for each calendar year	E1\T2\51 Appendix 3
14	Description of settlement process with IESO or host distributor, specify GA rate used for each rate class, itemize process for providing estimates and describe true-up process, details of method for estimating RPP and non-RPP consumption, treatment of embedded generation/distribution, distributor's internal control tests in validating estimated and actual consumption figures used in RPP settlement process and subsequent true-up adjustments	E1\T1\55 pg 5 112
15	If distributor uses the actual GA rate to bill non-RPP Class B customers, a proposal must be made to exclude these customer classes from the allocations of the balance of Account 1589 and the calculation of the resulting rate riders	
15	Description of financial accounting practices related to recording transaction in 1588 and 1589	E1\T1\55 pg 5-6
14 & 15	Disclosure of nature, timing, and dollar impact of subsequent adjustments recorded after recording period that adjust the initial transactions from preliminary estimates to actual figures based on consumption data - complete GA Analysis Workform for each applicable fiscal year subsequent to the most recent year in which Accounts 1588 and 1589 were approved for disposition on a final basis by the OEB	E1\T2\51 Appendix 3
15	If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, propose made to exclude these customer classes from the allocation of the balance of account 1589 RSVA GA and the calculation of the resulting rate riders - these rate classes are not to be charged/refunded the GA rate rider as they did not contribute to the accumulation of the balance of account 1589 RSVA GA	N/A
3.2.5.3 Commodity Accounts 1588 and 1589		
15	RPP Settlement True-Up - distributors to follow guidance in May 23, 2017 letter pertaining to the period that is being requested for disposition for Accounts 1588 and 1589	E1\T1\55 pg 6 116
15	Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of account balances being proposed for disposition	E1\T1\55 pg 8 14
Addendum, Pages 12 - 13	Status update on implementation of new accounting guidance (related to Accounts 1588 and 1589 - Feb 21, 2019), a review of historical balances, results of the review, and any adjustments made to account balances; for any adjustments made - include the reason, how it was quantified and the journal entry to adjust the balances	E1\T1\55 pg 6 118-29
3.2.5.4 Capacity Based Recovery (CBR)		
16	Proposed disposition of Account 1580 sub-account CBR Class B in accordance with the OEB's CBR Accounting Guidance. - embedded distributors who are not charged CBR (therefore no balance in sub-account CBR Class B) must indicate this is the case for them - In the DVA continuity schedule, applicants must indicate whether they serve any Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated. - Account 1580 sub-account CBR Class A is not to be disposed through rates proceedings but rather follow the OEB's accounting guidance. - The DVA continuity schedule will allocate the portion of Account 1580 sub-account CBR Class B allocated to customers who transitioned between Class A and Class B based on consumption levels	E1\T1\55 pg 7 16
3.2.6 Lost Revenue Adjustment Mechanism Variance Account		
Addendum, Pages 20 - 22	LRAMVA - disposition of balance. Distributors must provide version 4 of LRAMVA work form in a working Excel file when making LRAMVA requests for remaining amounts related to CFF activity. An application for lost revenues should include: Participation and Cost reports in Excel format, made available by the IESO. An application for lost revenues should also provide the following: - statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition - statement confirming LRAMVA based on verified savings results supported by the distributors final CDM Report and Persistence Savings Report (both filed in Excel format) and a statement indicating use of most recent input assumptions when calculating lost revenue - summary table with principal and carrying charges by rate class and resulting rate riders - statement providing the disposition period; rationale provided for disposing the balance in the LRAMVA if one or more classes do not generate significant rate riders - statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used - rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form) - statement confirming whether additional documentation was provided in support of projects that were not included in distributors final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable) - for a distributor's streetlighting project(s) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following information: o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS application o Confirmation that the street light upgrades represent incremental savings attributable to participation in the IESO program, and that any savings not attributable to the IESO program have been removed (for example, other upgrades under normal asset management plans) o Confirmation that the associated energy savings from the applicable IESO program have been removed from the LRAMVA workform so as not to double count savings (for example, if requesting lost revenue recovery for the demand savings from a street light upgrade program, the associated energy savings from the Retrofit program have been subtracted from the Retrofit total) o Confirmation that the distributor has received reports from the participating municipality that validate the number and type of	N/A
3.2.7 Tax Changes		
19 & 20	If applicable, tabs 8 and 9 of Rate Generator Model complete	E1\T2\51 Appendix 2

2020 IRM Checklist

Northern Ontario Wires Inc.

EB-2019-0058

Filing Requirement
Page # Reference

Date: November 25, 2019

IRM REQUIREMENTS		Evidence Reference, Notes
20	If one or more customer classes does not generate a rate rider to the fourth decimal place, a proposal that the entire 50/50 sharing amount will be transferred to Account 1595 for disposition at a future date	E1\T1\55 pg 3
3.2.8 Z-Factor Claims, Pg. 20-21		
20	Evidence that costs incurred meet criteria of need, materiality and prudence - see 3rd Generation IRM Report	N/A
20 & 21	In addition distributor must: - Notify OEB by letter of all Z-Factor events within 6 months of event (Confirm that letter is on file) - Apply to OEB for any cost recovery of amounts in OEB-approved deferral account claimed under Z-Factor treatment - Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental - Demonstrate that costs incurred within a 12-month period and are incremental to those already being recovered in rates as part of ongoing business exposure risk	N/A
3.2.8.2 Z-Factor Accounting Treatment		
21	Eligible Z-factor cost amounts recorded in Account 1572, Extraordinary Event Costs, of the OEB's USoA contained in the Accounting Procedures Handbook (APH) for electricity distributors.	N/A
21	Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate Sub-Account of this account	N/A
3.2.8.3 Recovery of Z-Factor Costs		
21	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	N/A
21	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rationale for proposal	N/A
21	Residential rider on fixed basis	N/A
21	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	N/A
3.3.1 Advanced Capital Module, Pg. 22-23		
22	Evidence of passing "Means Test"	N/A
22	Information on relevant project or projects updated cost projections, confirmation that the project or projects are on schedule to be completed as planned and an updated ACM/ICM module in Excel format	N/A
22/23	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required as to why	N/A
23	If updated cost projects are 30% greater than pre-approved amount, distributor must treat project as new ICM, re-filed business case and other relevant material required	N/A
3.3.2 Incremental Capital Module, Pg. 23-29		
3.3.2.1 ICM Filing Requirements		
	The following should be provided when filing for incremental capital:	N/A
25	An analysis demonstrating that the materiality threshold test has been met and that the amounts will have a significant influence on the operation of the distributor	N/A
25	Justification that the amounts to be incurred will be prudent - amounts represents the most cost-effective option (but not necessarily the least initial cost) for ratepayers	N/A
25	Justification that amounts being sought are directly related to the cause, which must be clearly outside of the base upon which current rates were derived	N/A
25	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part, included in base rates or being funded by the expansion of service to include new customers and other load growth)	N/A
25	Details by project for the proposed capital spending plan for the expected in-service year	N/A
25	Description of the proposed capital projects and expected in-service dates	N/A
25	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	N/A
25	Calculation of each incremental project's revenue requirements that will be offset by revenue generated through other means (e.g. customer contributions in aid of construction)	N/A
25	Description of the actions the distributor would take in the event that the OEB does not approve the application	N/A
25	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	N/A
3.3.5 Off-Ramps		
30	A distributor whose earnings are in excess of the dead band (i.e. 300 basis points) but nevertheless applies for an increase to its base rates - an explanation to substantiate its reasons for doing so required	N/A
Appendix A		
Appendix A	Confirm disposition of residual balances for vintage Account 1595 have only been done once - distributors expected to seek disposition of the balance a year after a rate rider's sunset date has expired. No further dispositions of these accounts are generally expected unless justified by the distributor	N/A
Appendix A & Addendum, Page 22	Distributors who meet the requirements for disposition of residual balances of Account 1595 sub-accounts, must complete the 1595 Analysis Workform. Account 1595 sub-accounts are eligible for disposition when one full year has elapsed since the associated rate riders' sunset dates have expired and the residual balances have been externally audited.	N/A
Appendix A	Material residual balances will require further analysis, consisting of separating the components of the residual balances by each applicable rate rider and by customer rate class. Distributors are expected to provide detailed explanations for any significant residual balances attributable to specific rate riders for each customer rate class. Explanations must include for example, volume differences between forecast volumes (used to calculate the rate riders) as compared to actual volumes at which the rate riders were billed.	N/A