



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

November 24, 2021

Ms. Christine E. Long
Registrar
Ontario Energy Board
P.O. Box 2319
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

Re: 2022 IRM Application EB-2021-0047

Dear Ms. Long:

Northern Ontario Wires Inc. hereby submits 2022 IRM Application for rates effective May 1, 2022.

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.

A handwritten signature in blue ink, appearing to read "Geoffrey Sutton", is written over a horizontal line.

Geoffrey Sutton, CPA, CA
Chief Financial Officer



Northern Ontario Wires Inc.

2022 IRM Application Application EB-2021-0047

Rates Effective: May 1, 2022

Date Filed: November 24, 2021

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



File Number: EB-2021-0047

Date Filed: November 24, 2021

Exhibit 1

2022 IRM APPLICATION



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Administration



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Legal Application

ONTARIO ENERGY BOARD

IN THE MATTER OF the *Ontario Energy Board Act, 1998*,
S.O.1998,c.15 (Sched. B)

AND IN THE MATTER OF an Application by Northern
Ontario Wires Inc. for an Order or Orders pursuant to
section 78 of the *Ontario Energy Board Act, 1998* for
2021 distribution rates and related matters.

1. The Applicant is Northern Ontario Wires Inc. ("NOW Inc."). NOW Inc. is a licensed electricity distributor operating pursuant to license [ED-2003-0018](#). NOW Inc. distributes electricity to approximately 6,000 customers in the Town of Cochrane, Town of Iroquois Falls and Town of Kapuskasing and charges Board-authorized rates (EB-2020-0044) for the distribution service it provides.
2. NOW Inc. hereby applies to the Ontario Energy Board (the "Board") for an order or orders made pursuant to Section 78 of the *Ontario Energy Board Act, 1998*, as amended, (the "OEB Act") approving just and reasonable rates for the distribution of electricity based on a 2022 4th Generation Incentive Rate-setting ("4GIR") application, effective May 1, 2022.
3. Specifically, NOW Inc. hereby applies for an order or orders granting distribution rates updated and adjusted in accordance with Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications dated June 24, 2021 ("Filing Requirements") including the following:
 - a. an adjustment to the retail transmission service rates as provided in Guideline (G-2008-0001) on Retail Transmission Service Rates – October 22, 2008 (Revision 4.0 June 28, 2012);
 - b. The continuation of all other Specific Service Charges, Retail Service Charges and Loss Factors as approved in the 2017 Cost of Service Application EB-2016-0096.
4. This Application is supported by written evidence that may be amended from time to time, prior to the Board's final decision on this Application.



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5. In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of May 1, 2022, NOW Inc. requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the decided implementation date of the approved 2022 distribution rates.

6. In the event that the effective date does not coincide with the Board's decided implementation date for 2022 distribution rates and charges, NOW Inc. requests permission to recover the incremental revenue from the effective date to the implementation date.

7. The Applicant requests that a copy of all documents filed with the Board in this proceeding be served on the Applicant as follows:

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

Attention:
Geoffrey Sutton, CPA, CA
Chief Financial Officer
E-mail: geoffs@nowinc.ca
Tel: 705.272.2918
Fax: 705.272.3015

DATED at Cochrane, Ontario, this 24th day of November, 2021.

All of which is respectfully submitted.

NORTHERN ONTARIO WIRES INC.

A handwritten signature in blue ink, appearing to read 'Geoffrey Sutton', is written over the printed name.

Geoffrey Sutton, CPA, CA

Chief Financial Officer



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Certification of Evidence

As the Chief Financial Officer of Northern Ontario Wires Inc., I certify that the evidence filed in NOW Inc.'s 2022 4th Generation rate application is accurate to the best of my knowledge. The filing is consistent with the requirements of Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications issued on June 24, 2021.

A handwritten signature in blue ink, appearing to read 'Geoffrey Sutton', is written over the printed name.

Geoffrey Sutton, CPA, CA

Chief Financial Officer



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Statement of Publication

The 2022 Application and related documents will be posted on NOW Inc.'s website at www.northernontariowires.com.



Manager's Summary

Northern Ontario Wires Inc. ("NOW Inc.") hereby submits a complete application for the approval of distribution rates proposed to be effective May 1, 2022 under the 2022 4th Generation Incentive Rate-setting mechanism ("4GIR").

For purposes of the 2022 4GIR application, NOW Inc. has relied upon the following OEB issued documents and guidelines:

- Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications issued on June 24, 2021 ("Filing Requirements")
- Guideline (G-2008-0001) on Retail Transmission Service Rates – October 22, 2008 (Revision 4.0, June 28, 2012) known as ("RSTR Guidelines")
- Guidelines for Electricity Distributor Conservation And Demand Management EB-2016-0182, dated May 19, 2016

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

1. Overview
2. Shared Tax Savings
3. Retail Transmission Service Charges
4. Price Cap Adjustment
5. LRAM Variance Account ("LRAMVA")
6. Global Adjustment
7. Proposed Deferral and Variance Account Balance Disposition
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-2020-0044 for rates effective May 1, 2021. The OEB issued a Decision and Rate Order on March 25, 2021.

Below is a list of the key items related to NOW Inc.'s 2017 rate application and NOW Inc.'s 2021 4GIR which form the basis for the 2022 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 2021 IRM application. For the 2022 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.

This Application will affect all ratepayers in NOW Inc.'s service territory. The total bill impacts are proposed to be less than 0.6% for all rate classes. The typical residential customer will see a bill increase of 0.17%, whereas GS<50 will see an increase of 0.57% primarily due to the DVA disposition reducing the impact of the price cap increase.



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2. Tax Change

NOW Inc.'s corporate tax rate included in its 2017 Cost of Service Application is 15.0%. The rate effective in 2022 is anticipated to be 12.2%.

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

Currently, there is a variance between the current corporate tax rate of 12.2% and the 15% embedded in NOW Inc.'s base rates. NOW Inc. has completed the Board's 2022 Tax Sharing Model included in the Rate Generator Model attached as Appendix 2. The allocated tax sharing amount produces a rate rider for all classes as proposed below.

Rate Class	Unit	Proposed Distribution Rate Rider
RESIDENTIAL	\$/customer	-0.05
GENERAL SERVICE LESS THAN 50 KW	\$/kWh	-0.0001
GENERAL SERVICE 50 TO 4,999 KW	\$/kW	-0.0030
UNMETERED SCATTERED LOAD	\$/kWh	-0.0001
STREET LIGHTING	\$/kW	-0.1452



3. Retail Transmission Service Rates

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

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

Those updates will be incorporated into this application prior to a final decision by the Board. The billing determinants used for calculation of the RTSR rates are the most recent billing determinants as reported in 2.1.5 of the RRR filings for the year end December 31, 2020. The loss factor of 1.0694 is used in Tab 20 of the IRM model as this is the approved loss factor applicable in Now Inc.'s recent 2017 Cost of Service application. NOW Inc. applied this loss factor as it will be the loss factor applied to customer billing in 2022.

The bill impacts show that the resulting RTSR rate change results in a greater than 4% change in all categories, some being both network and connection while some only for network. This is primarily a result of the increase in RTSR Network rate charged by the IESO in 2020 which is used to forecast. The 2022 rate is forecast to be \$4.90 whereas the 2021 rate was \$4.67, this is a 4.9% increase. The combined forecast increase including Hydro One charges amount to a 6.5% increase in RTSR network costs. The other main contributor to the rate increase through the different rate classes is the billed consumption. The GS<50 and GS>50 classes had a reduction in billed consumption while remaining class had small increases. This coupled with all classes having increased cost results in the 9% increases in the RTSR network line items. The increase in the proposed RTSR rate will help reduce the cumulating variance in the deferral and variance accounts which has been consistently growing.



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1 The explanation for RTSR network is the same as RTSR connection although the forecast
 2 increase is 2.5% rather than the 6.5% on the network side. As such the forecast amounts for
 3 GS<50 and GS>50 have decreased which reduces the impact of the decrease in billing
 4 determinants.

5
 6 For purposes of this application NOW Inc. proposes to use the following rates as generated by
 7 the 2022 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	0.0084
RESIDENTIAL	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032
GENERAL SERVICE LESS THAN 50 KW	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080
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	3.2000
GENERAL SERVICE 50 TO 4,999 KW	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1613
UNMETERED SCATTERED LOAD	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080
UNMETERED SCATTERED LOAD	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029
STREET LIGHTING	Retail Transmission Rate - Network Service Rate	\$/kW	2.4136
STREET LIGHTING	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8975

8
 9



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4. Price Cap Adjustment

Based on the current price cap parameters, the Rate Generator model reflects an adjustment of 2.2% to base distribution rates. That calculation is based on a price escalator of 2.2%, less a productivity factor of 0.0%, and less a stretch factor of 0.0%. NOW Inc. acknowledges that these parameters will be adjusted by the Board in its final decision to reflect the updated price escalator, productivity factor and stretch factor.

5. LRAM Variance Account

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

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

6. Global Adjustment

NOW Inc. confirms that the OEB's February 21, 2019 guidance has been implemented effective from January 1, 2019. NOW Inc. is implementing updated data collection for the thirteen Micro-FIT customers. The thirteen Micro-FITs are not material and do not have a significant impact on the profile of the utility.

NOW Inc. does not have historical balances that have yet to be disposed on a final basis. The 2020 IRM application examined the historical balances in regard to the implementation of the Feb 21, 2019 accounting guidance.

NOW Inc. has completed the GA Analysis workform for 2020 to help assess the annual balance in Account 1589. The workform contains the explanations of the reconciling items. NOW Inc. posts all entries to the appropriate period as per the OEB model as such no reconciling items are required for these. The main reconciling items for 2020 is the impacts of the GA deferral.



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1 This amounts to a credit of \$58,035 on the workform and was calculated as per OEB guidance.

2 There is no principal adjustment for this item.

3
4 The Unresolved difference of \$(24,357) is not material as it is (0.5%) of the expected GA
5 Payments to the IESO.

7 7. Proposed Deferral and Variance Accounts

8 NOW Inc. is proposing to dispose of Group 1 audited balances as of December 31, 2020. The
9 balance in the Group 1 accounts (Accounts 1550, 1551, 1580, 1584, 1586, 1588, and 1589) is a
10 debit of \$48,256 to be disposed over one year.

11
12 NOW Inc. did not have any Class A transitional customers in the period being disposed.

13
14 NOW Inc. is electing to dispose of the Group 1 account balances that are below the threshold
15 as there are Class A transitional customers in the following year.

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 Residual balances in Account 1595 for each vintage year have only been disposed once. NOW
21 Inc. does not meet the criteria to dispose of any 1595 sub-accounts in this application.

22
23 There are two variances of note in Tab 3 Continuity Schedule in the Rate Generator Model. The
24 variance is similar to the prior year due to the sub-account allocation on the RRR. The known
25 variance in BW23 as noted in OEB Slides in the 2018 IRM Process Updates 20170726
26 presentation relating to Wholesale Market Service Charge included in CBR Class B sub-
27 account. The amount of this variance is -\$13,230.



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The second variance is in cells BW40 and BW41. This is a result of the workbook not including the 1595 accounts that are not being disposed into the totals in columns BG40 and BL40. The amount of this variance is -\$161,405.

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

Rate Class	Unit	Deferral/Variance		Global Adjustment Rate Rider (kWh)
		Account Rider	Rate	
RESIDENTIAL	\$/kWh	0.0004		0.0002
GENERAL SERVICE LESS THAN 50 KW	\$/kWh	0.0004		0.0002
GENERAL SERVICE 50 TO 4,999 KW	\$/kW	0.1378		0.0002
UNMETERED SCATTERED LOAD	\$/kWh	0.0004		0.0003
STREET LIGHTING	\$/kW	0.1352		0.0002
microFIT				
Total				

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

8. Bill Impacts

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

Bill impacts are below 0.57% for all rate classes. The primary driver of the smaller than inflationary increase is a result of the DVA disposition. This application riders collect a lesser amount from customers than the last application.



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Appendices



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Appendix 1 - Decision and Order EB-2020-0044



Ontario
Energy
Board

Commission
de l'énergie
de l'Ontario

DECISION AND RATE ORDER

EB-2020-0044

NORTHERN ONTARIO WIRES INC.

Application for rates and other charges to be effective May 1, 2021

By Delegation, Before: Pascale Duguay

March 25, 2021

1 INTRODUCTION AND SUMMARY

Through this Decision and Rate Order, the Ontario Energy Board (OEB) approves the incentive rate-setting mechanism (IRM) application filed by Northern Ontario Wires Inc. (Northern Ontario Wires) for new rates effective May 1, 2021.

Northern Ontario Wires serves approximately 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 licensed 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 [Handbook for Utility Rate Applications](#).

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 typically then approved through IRM applications in each of the ensuing four (adjustment) years.

As a result of this Decision, there will be a monthly total bill increase of \$3.06 for a residential customer consuming 750 kWh, effective May 1, 2021. The increase does not factor in applicable taxes or the Ontario Electricity Rebate.¹

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.² 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, 2021, there could be a further bill impact for residential customers.

¹ O.Reg 363/16, S. 3, effective November 1, 2019

² O. Reg. 198/17, s. 2

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 hearing 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, as a placeholder, information from the distributor's past proceedings and annual reporting requirements.³ A distributor will then review and complete the Rate Generator Model, and include it with its application.

Northern Ontario Wires filed its application on November 23, 2020 under section 78 of the OEB Act and in accordance with the OEB's [Filing Requirements for Electricity Distribution Rate Applications, Chapter 3 - Incentive Rate-Setting Applications](#) (Filing Requirements).

The application was supported by pre-filed written evidence and a completed Rate Generator Model. During the course of the proceeding, the applicant responded to OEB staff questions through emails and phone calls and, where required, updated and clarified the evidence.

³ The Rate Generator Model is a Microsoft Excel workbook that is used to update 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. During the course of an IRM proceeding, the Rate Generator Model may be updated in order to make any necessary corrections, or to incorporate new rate-setting parameters as they become available.

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

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 charges⁴ and loss factors). No further approvals are required to continue to include these items on a distributor's Tariff of Rates and Charges.

⁴ Certain Service Charges are subject to annual inflationary adjustments to be determined by the OEB through a generic order. The Decision and Order EB-2020-0285, issued December 3, 2020 established the adjustment for energy retailer service charges, effective January 1, 2021. The Order EB-2020-0288, issued December 10, 2020, set the Wireline Pole Attachment Charge for January 1, 2021 on an interim basis.

4 PRICE CAP ADJUSTMENT

Northern Ontario Wires seeks to change its rates, effective May 1, 2021, 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 adjustment formula applicable to Northern Ontario Wires are set out in Table 4.1, below. Inserting these components into the formula results in a 2.20% increase to Northern Ontario Wires' rates: **2.20% = 2.20% - (0.00% + 0.00%)**.

Table 4.1: Price Cap IR Adjustment Formula

Components		Amount
Inflation Factor ⁵		2.20%
X-Factor	Productivity ⁶	0.00%
	Stretch (0.00% to 0.60%) ⁷	0.00%

A maximum inflation factor of 2.20% applies to all Price Cap IR applications for the 2021 rate year, provided that a utility does not elect a lower inflation factor to be used.

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 and Annual IR Index applications for the 2021 rate year.

The stretch factor component of the X-factor is distributor-specific. The OEB has

⁵ For the 2021 Inflation Factor, see Ontario Energy Board 2021 Electricity Distribution Rate applications webpage – November 9, 2020

⁶ 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

⁷ The stretch factor groupings are based on the Report to the Ontario Energy Board – “Empirical Research in Support of Incentive Rate-Setting: 2019 Benchmarking Update”, prepared by Pacific Economics Group LLC., August 2020

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%.

In light of the continued uncertainty regarding the severity and duration of the COVID-19 emergency, and its impact on electricity utilities and customers alike, for 2021 rate adjustment applications, the OEB allowed utilities the discretion of applying either the calculated inflation factor in accordance with the OEB-approved methodology or a lower value. Utilities were also given the discretion to forego the inflationary increase entirely.⁸

The OEB required all utilities that filed (or were planning to file) 2021 rate adjustment applications to file a letter on the record of their rates proceedings, indicating the inflation factor that the utility has elected.

On February 3, 2021, Northern Ontario Wires filed a letter advising the OEB that it is electing an inflation factor of 2.20% for 2021 rates, resulting in a rate adjustment of 2.20%.⁹

Findings

The OEB finds that Northern Ontario Wires' request for a 2.20% rate adjustment is in accordance with the annually updated parameters set by the OEB, as well as the process established for the implementation of the 2021 inflation factor. The adjustment is approved, and Northern Ontario Wires' new rates shall be effective May 1, 2021.

The adjustment applies to distribution rates (fixed and variable) uniformly across all customer classes.¹⁰

⁸ [OEB Letter, 2021 Inflation Parameters, issued November 9, 2020](#)

⁹ EB-2020-0044, Letter re: Northern Ontario Wires' 2021 Inflation Factor, February 3, 2021

¹⁰ 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 and microFIT charge.

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. With regard to IRM applications, the OEB has long held that the impact of such legislated tax changes be shared 50/50 between shareholders and ratepayers. 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 the distributor's last cost of service proceeding.

On July 25, 2019, the OEB issued a letter¹¹ providing accounting guidance with respect to recent changes in capital cost allowance (CCA) rules. The guidance provides that impacts from changes in CCA rules will not be assessed in IRM applications and that any request for disposition of amounts related to CCA changes is to be deferred to the distributor's next cost-base rate application. A distributor's request for disposition of shared tax adjustment amounts in an IRM application should, therefore, be comprised only of impacts for tax changes unrelated to CCA (such as changes in corporate income tax rates).

The application identifies a total tax decrease of \$9,123, resulting in a shared credit amount of \$4,561 to be refunded to ratepayers.

This allocated tax sharing amount does not produce a rate rider to the fourth decimal place, in one or more rate classes. In such situations, where the Rate Generator Model does not compute rate riders, distributors typically are required to transfer the entire OEB-approved tax sharing amount into the Disposition and Recovery of Regulatory Balances Control Account (Account 1595) for disposition at a later date.

Findings

The OEB approves the tax refund of \$4,561.

The allocated tax sharing amount 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 credit amount of \$4,561 into Account 1595 "Sub-account Principal Balances Approved for Disposition in 2021".

¹¹ OEB Accounting Direction Regarding Bill C-97 and Other Changes in Regulatory or Legislated Tax Rules for Capital Cost Allowance, July 25, 2019

6 RETAIL TRANSMISSION SERVICE RATES

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

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 currently approved rates that it pays for transmission services included in Table 6.1 and Table 6.2.

Table 6.1: UTRs¹²

UTRs (2021)	per kW
Network Service Rate	\$4.67
<u>Connection Service Rates</u>	
Line Connection Service Rate	\$0.77
Transformation Connection Service Rate	\$2.53

Table 6.2: Hydro One Networks Inc. Sub-Transmission Host-RTSRs¹³

Sub-Transmission Host RTSRs (2021)	per kW
Network Service Rate	\$3.4778
<u>Connection Service Rates</u>	
Line Connection Service Rate	\$0.8128
Transformation Connection Service Rate	\$2.0458

¹² EB-2020-0251, Decision and Order, December 17, 2020

¹³ EB-2020-0030, Decision and Order, December 17, 2020

Findings

Northern Ontario Wires' proposed adjustment to its RTSRs is approved. The OEB notes that the OEB-approved 2021 UTRs and Hydro One Networks Inc.'s 2021 host-RTSRs were incorporated into the rate model to adjust the RTSRs that Northern Ontario Wires will charge its customers.

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.¹⁴ 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.¹⁵ If the balance does not exceed the threshold, a distributor may elect to request disposition.

The 2019 actual year-end total balance for Northern Ontario Wires' Group 1 accounts including interest projected to April 30, 2021 is a debit of \$210,134. This amount represents a total debit claim of \$0.0018 per kWh, which exceeds the disposition threshold. Northern Ontario Wires has requested disposition of this debit amount over a one-year year period.

a) Global Adjustment Variance Account

One of the components of the commodity costs billed by the Independent Electricity System Operator (IESO), which is included in Group 1 accounts, is the Global Adjustment (GA).¹⁶

Different customer groups pay the GA in different ways:

- For Regulated Price Plan (RPP) customers, the GA is incorporated into the standard commodity rates customers pay. Therefore, there is no separate variance account for the GA.
- "Class A" customers are allocated GA costs based on the percentage their demand contributes to the top five Ontario system peaks. As distributors settle with Class A customers based on actual GA costs, there is no resulting variance.

¹⁴ 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.

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

¹⁶ The GA is established monthly by the IESO to reflect the difference between the wholesale market price for electricity and regulated rates for:

- Ontario Power Generation's nuclear and hydroelectric generating stations
- payments for building or refurbishing infrastructure such as gas-fired and renewable facilities and other nuclear
- contracted rates paid to a number of generators across the province
- the cost of delivering conservation programs

- "Class B" non-RPP customers are billed GA based on the electricity they consume in a month at the IESO published GA price. Distributors track any difference between the billed amounts and actual costs for these customers in the GA Variance Account for disposal, once audited.

Northern Ontario Wires proposes the recovery of its GA variance account balance of \$97,359 as of December 31, 2019, including projected interest to April 30, 2021, in accordance with the following table.

Table 7.1: Recovery of GA Variance

Proposed Amounts	Proposed Method for Recovery
\$97,359 recovered from customers who were Class B for the entire period from January 2019 to December 2019	per kWh rate rider

b) Capacity Based Recovery Class B Sub-account

The balance of the Group 1 accounts includes the Capacity Based Recovery (CBR) sub-account for Class B customers of \$7,998, relating to the IESO's wholesale energy market for the CBR program. Northern Ontario Wires had Class A customers during the period from January 2019 to December 2019, so it applied to have the balance of this account disposed through a separate kWh rate rider for Class B customers in order to ensure proper allocation between Class A and Class B customers.

c) Group 1 Accounts

The Group 1 accounts being sought for disposition (excluding GA) include the following flow-through variance accounts: Low Voltage Charges, Smart Meter Entity Charges, Wholesale Market Service Charges, Retail Transmission Service Charges and Commodity Power Charges. These Group 1 accounts have a total debit balance of \$112,775, which results in a charge to customers. This balance combined with the balance for the GA account results in the total debit balance for Group 1 accounts of \$210,134.

The balances proposed for disposition reconcile with the amounts reported as part of the OEB's *Electricity Reporting and Record-Keeping Requirements*.¹⁷ Northern Ontario

¹⁷ Electricity Reporting and Record Keeping Requirements, Version dated May 3, 2016

Wires further submits that its proposal for a one-year disposition period is in accordance with the OEB's policy.¹⁸

Findings

The OEB approves the disposition of a debit balance of \$210,134 as of December 31, 2019, including interest projected to April 30, 2021, for Group 1 accounts on a final 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	2,873	(260)	2,613
Smart Meter Entity Variance Charge	1551	(691)	(26)	(716)
RSVA - Wholesale Market Service Charge	1580	(29,075)	(293)	(29,367)
Variance WMS - Sub-account CBR Class B	1580	(7,795)	(203)	(7,998)
RSVA - Retail Transmission Network Charge	1584	35,983	361	36,344
RSVA - Retail Transmission Connection Charge	1586	7,206	(82)	7,124
RSVA - Power	1588	103,521	1,254	104,775
RSVA - Global Adjustment	1589	93,872	3,487	97,359
Totals for Group 1 accounts (excluding Account 1589)		112,022	752	112,775
Totals for all Group 1 accounts		205,894	4,240	210,134

¹⁸ Report of the OEB – “Electricity Distributors’ Deferral and Variance Account Review Initiative (EDDVAR).” EB-2008-0046, July 31, 2009

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*.¹⁹ 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.

The OEB approves these balances to be disposed through final rate riders, as calculated in the Rate Generator Model. The final rate riders will be in effect over a one-year period from May 1, 2021 to April 30, 2022.²⁰

¹⁹ Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

²⁰ 2021 IRM Rate Generator Model Tab 6.1 GA, Tab 6.2 CBR B and Tab 7 Calculation of Def-Var RR

8 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 2020 OEB-approved Tariff of Rates and Charges, as well as the cost, revenue and consumption results from 2019, 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 8.1: 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 10, 2020.²¹

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, 2018.²²

In the *Report of the Board: Review of Electricity Distribution Cost Allocation Policy*,²³ the OEB indicated that it will review the default province-wide microFIT charge annually to ensure it continues to reflect actual costs in accordance with the established methodology. On February 25, 2021, the OEB announced that the microFIT charge for

²¹ EB-2020-0276, Decision and Order, December 10, 2020

²² EB-2017-0290, Decision and Order, March 1, 2018

²³ EB-2010-0219, Report of the Board "Review of Electricity Distribution Cost Allocation Policy", March 31, 2011

the 2021 rate year will remain at \$4.55 per month.²⁴

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, 2021 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 rates.

DATED at Toronto, March 25, 2021

ONTARIO ENERGY BOARD

Original Signed By

Christine E. Long
Registrar

²⁴ OEB letter: Review of Fixed Monthly Charge for microFIT Generator Service Classification, issued February 25, 2021

Schedule A

To Decision and Rate Order

Tariff of Rates and Charges

OEB File No: EB-2020-0044

DATED: March 25, 2021

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2021
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2020-0044

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	\$	39.03
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 (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0010
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0077
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, 2021
This schedule supersedes and replaces all previously
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EB-2020-0044

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	\$	34.00
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0190
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0010
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0028

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, 2021
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EB-2020-0044

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	\$	205.17
Distribution Volumetric Rate	\$/kW	1.1826
Low Voltage Service Rate	\$/kW	0.5377
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	0.3644
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kW	(0.0296)

Northern Ontario Wires Inc.
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Retail Transmission Rate - Network Service Rate	\$/kW	2.9230
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1033

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, 2021
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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)	\$	17.23
Distribution Volumetric Rate	\$/kWh	0.0189
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0010
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0028

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, 2021
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EB-2020-0044

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)	\$	8.19
Distribution Volumetric Rate	\$/kW	9.6410
Low Voltage Service Rate	\$/kW	0.4152
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	0.3708
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kW	(0.0308)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8527

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, 2021
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EB-2020-0044

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2021
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EB-2020-0044

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

Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00

Other

Specific charge for access to the power poles - \$/pole/year	\$	44.50
(with the exception of wireless attachments) - Approved on an Interim Basis		

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2021
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2020-0044

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

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

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

LOSS FACTORS

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

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



File Number: EB-2021-0047

Exhibit: 1

Tab: 2

Schedule: 1

Date Filed: November 24, 2021

Appendix 2 of 5

Appendix 2 – Rate Generator Model

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Quick Link

Ontario Energy Board's 2022 Electricity
Distribution Rate Applications Webpage

Version 1.0

Utility Name Northern Ontario Wires Inc.

Assigned EB Number EB-2021-0047

Name of Contact and Title Geoff Sutton, CFO

Phone Number 705-272-6669

Email Address geoffs@nowinc.ca

We are applying for rates effective May 1, 2022

Rate-Setting Method Price Cap IR

1. Select the last Cost of Service rebasing year.

2017

To determine the first year the continuity schedules in tab 3 will be generated for input, answer the following questions:

For all the responses below, when selecting a year, select the year relating to the account balance. For example, if the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019.

2. For Accounts 1588 and 1589, please indicate the year of the account balances that the accounts were last disposed on a final basis for information purposes.

2019

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved for disposition on a final basis.

b) If the account balances were last approved on an interim basis, and

i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis.

ii) there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.

2019

3. For the remaining Group 1 DVAs, please indicate the year of the account balances that were last disposed on a final basis

2019

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances that the balance was last approved on a final basis.

b) If the accounts were last approved on an interim basis, and

i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis.

ii) If there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.

2019

4. Select the earliest vintage year in which there is a balance in Account 1595.

2017

(e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016.)

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 selected in #2 above to the year requested for disposition)?

Yes

6. Did you have any Class A customers at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year selected in #3 above 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.



Incentive Rate-setting Mechanism

Rate Generator for 2022 Filers

Northern Ontario Wires Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0044

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	\$	39.03
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 (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0010
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0077
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



Incentive Rate-setting Mechanism

Rate Generator for 2022 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	\$	34.00
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0190
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0010
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0028

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 2022 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	\$	205.17
Distribution Volumetric Rate	\$/kW	1.1826
Low Voltage Service Rate	\$/kW	0.5377
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	0.3644
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kW	(0.0296)
Retail Transmission Rate - Network Service Rate	\$/kW	2.9230
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1033

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 2022 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)	\$	17.23
Distribution Volumetric Rate	\$/kWh	0.0189
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0010
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0028

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 2022 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.

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)	\$	8.19
Distribution Volumetric Rate	\$/kW	9.6410
Low Voltage Service Rate	\$/kW	0.4152
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	0.3708
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kW	(0.0308)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8527

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 2022 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.

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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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 2022 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.

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

Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00

Other

Specific charge for access to the power poles - \$/pole/year	\$	44.50
(with the exception of wireless attachments) - Approved on an Interim Basis		



Incentive Rate-setting Mechanism

Rate Generator for 2022 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	\$	104.24
Monthly fixed charge, per retailer	\$	41.70
Monthly variable charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.17
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08

LOSS FACTORS

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

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



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

		2017									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments ¹ during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments ¹ during 2017	Closing Interest Amounts as of Dec 31, 2017
Group 1 Accounts											
L/V Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B ⁵	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power ⁴	1588	0				0	0				0
RSVA - Global Adjustment ⁴	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0	36,667	117,281		(80,614)	0	(768)			(768)
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2020) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) ³	1595	0				0	0				0
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0				0
RSVA - Global Adjustment requested for disposition	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance requested for disposition		0	0	0	0	0	0	0	0	0	0
RSVA - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	36,667	117,281	0	(80,614)	0	(768)	0	0	(768)
Total Group 1 Balance		0	36,667	117,281	0	(80,614)	0	(768)	0	0	(768)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		0	0	0	0	0	0	0	0	0	0

For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB decision.

¹ Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved

disposed balances, please provide amounts for adjustments and include supporting documentations.

² If the LDC's rate year begins on January 1, 2022, the projected interest is recorded from January 1, 2021 to December 31,

2021 on the December 31, 2020 balances adjusted to remove balances approved for disposition in the 2021 rate decision.

2) If the LDC's rate year begins on May 1, 2022, the projected interest is recorded from January 1, 2021 to April 30, 2022

on the December 31, 2020 balances adjusted to remove balances approved for disposition in the 2021 rate decision.

³ The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. Any vintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor.

Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Accounts 1595 (2019), (2020) and (2021) will not be eligible for disposition in the 2022 rate application.

⁴ New accounting guidance effective January 1, 2019 for Accounts 1588 and 1589 was issued Feb. 21, 2019 titled Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589. The amount in the "Transactions" column in this DVA Continuity Schedule are to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" column). Any true-up/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principal Adjustments" columns of this DVA Continuity Schedule.

⁵ RRR balance for Account 1580 RSVA - Wholesale Market Service Charge should equal to the control account as reported in the RRR. This would include the balance for Account 1580 Variance WMS – Sub-account CBR Class B.

2018										2019									
Opening Principal Amounts as of Jan 1, 2018	Transactions Debit / (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments ¹ 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 ¹ during 2018	Closing Interest Amounts as of Dec 31, 2018	Opening Principal Amounts as of Jan 1, 2019	Transactions Debit / (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments ¹ during 2019	Closing Principal Balance as of Dec 31, 2019	Opening Interest Amounts as of Jan 1, 2019	Interest Jan 1 to Dec 31, 2019	OEB-Approved Disposition during 2019	Interest Adjustments ¹ during 2019	Closing Interest Amounts as of Dec 31, 2019
0				0	0				0	0			(35,907)	(35,907)	0			(1,448)	(1,448)
0				0	0				0	0			(3,223)	(3,223)	0			(91)	(91)
0				0	0				0	0			(58,811)	(58,811)	0			(1,004)	(1,004)
0				0	0				0	0			0	0	0			0	0
0				0	0				0	0			(10,571)	(10,571)	0			(176)	(176)
0				0	0				0	0			(7,770)	(7,770)	0			(1,220)	(1,220)
0				0	0				0	0			2,114	2,114	0			(36)	(36)
0				0	0				0	0			12,884	12,884	0			(2,169)	(2,169)
0				0	0				0	0			(20,897)	(20,897)	0			(1,120)	(1,120)
0				0	0				0	0			0	0	0			0	0
0				0	0				0	0			0	0	0			0	0
(80,614)	76,297			(4,317)	(768)	(859)			(1,627)	(4,317)	29,921			25,604	(1,627)	502			(1,125)
0	67,808	236,682		(168,874)	0	(2,444)	5,703		(8,147)	(168,874)	118,768			(50,106)	(8,147)	(2,531)			(10,678)
0				0	0				0	0	56,747	111,974		(55,227)	0	(1,106)	(155)		(951)
0				0	0				0	0				0	0				0
0				0	0				0	0				0	0				0
0	0	0	0	0	0	0	0	0	0	0	0	0	(20,897)	(20,897)	0	0	0	(1,120)	(1,120)
0	0	0	0	0	0	0	0	0	0	0	0	0	(101,284)	(101,284)	0	(0)	0	(6,142)	(6,142)
0	0	0	0	0	0	0	0	0	0	0	0	0	(122,182)	(122,182)	0	(0)	0	(7,262)	(7,262)
0	0	0	0	0	0	0	0	0	0	0	0	0	(20,897)	(20,897)	0	0	0	(1,120)	(1,120)
(80,614)	144,105	236,682	0	(173,191)	(768)	(3,303)	5,703	0	(9,774)	(173,191)	205,435	111,974	(101,284)	(181,014)	(9,774)	(3,135)	(155)	(6,142)	(18,896)
(80,614)	144,105	236,682	0	(173,191)	(768)	(3,303)	5,703	0	(9,774)	(173,191)	205,435	111,974	(122,182)	(201,912)	(9,774)	(3,135)	(155)	(7,262)	(20,016)
0				0	0				0	0				0	0				0
0	0	0	0	0	0	0	0	0	0	0	0	0	(122,182)	(122,182)	0	(0)	0	(7,262)	(7,262)

2020										2021				Projected Interest on Dec-31-2020 Balances					2.1.7 RRR ⁵	
Opening Principal Amounts as of Jan 1, 2020	Transactions Debit/ (Credit) during 2020	OEB-Approved Disposition during 2020	Principal Adjustments ¹ during 2020	Closing Principal Balance as of Dec 31, 2020	Opening Interest Amounts as of Jan 1, 2020	Interest Jan 1 to Dec 31, 2020	OEB-Approved Disposition during 2020	Interest Adjustments ¹ during 2020	Closing Interest Amounts as of Dec 31, 2020	Principal Disposition during 2021 - instructed by OEB	Interest Disposition during 2021 - instructed by OEB	Closing Principal Balances as of Dec 31, 2020 Adjusted for Disposition during 2021	Closing Interest Balances as of Dec 31, 2020 Adjusted for Disposition during 2021	Projected Interest from Jan 1, 2021 to Dec 31, 2021 on Dec 31, 2020 balance adjusted for disposition during 2021 ²	Projected Interest from Jan 1, 2022 to Apr 30, 2022 on Dec 31, 2020 balance adjusted for disposition during 2021 ²	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2020	Variance RRR vs. 2020 Balance (Principal + Interest)
(35,907)	35,270	(38,781)		38,144	(1,448)	(189)	(1,495)		(142)	2,873	(260)	35,270	118	511	67	696	35,966		38,002	0
(3,223)	(107)	(2,533)		(797)	(91)	(33)	(99)		(25)	(691)	(26)	(107)	1	(8)	(0)	(7)	(114)		(823)	0
(58,811)	(66,259)	(29,736)		(95,334)	(1,004)	(955)	(1,436)		(522)	(29,075)	(293)	(66,259)	(229)	(1,175)	(126)	(1,530)	(67,789)		(109,086)	(13,230)
0				0	0				0			0	0			0	0		0	0
(10,571)	(5,201)	(2,776)		(12,997)	(176)	(178)	(121)		(234)	(7,795)	(203)	(5,201)	(31)	(142)	(10)	(183)	(5,384)		(13,230)	0
(7,770)	78,258	(43,752)		114,241	(1,220)	338	(1,415)		534	35,983	361	78,258	173	1,403	149	1,725	79,983		114,775	0
2,114	17,324	(5,092)		24,530	(36)	95	113		(54)	7,206	(82)	17,324	28	304	33	364	17,689		24,476	0
12,884	(22,336)	(90,637)		81,185	(2,169)	1,000	(2,626)		1,458	103,521	1,254	(22,336)	204	633	(42)	795	(21,541)		82,643	0
(20,897)	7,910	(114,769)		101,782	(1,120)	986	(4,181)		4,047	93,872	3,487	7,910	560	961	15	1,537	9,446		105,829	0
0				0	0				0			0	0			0	0	No	0	0
0				0	0				0			0	0			0	0	No	0	0
25,604	0	0		25,604	(1,125)	311	0		(814)			25,604	(814)			(814)	0	No	24,790	0
(50,106)	50,106	0		0	(10,678)	3,275	0		(7,403)			0	(7,403)			(7,403)	0	No	(7,403)	0
(55,227)	50,897	0		(4,331)	(951)	(323)	0		(1,274)			(4,331)	(1,274)			(1,274)	0	No	(5,605)	0
0	171,547	332,163		(160,616)	0	(1,311)	11,260		(12,571)			(160,616)	(12,571)			(12,571)	0	No	(173,187)	0
0				0	0				0	(205,894)	(4,238)	205,894	4,238			4,238	0	No		0
(20,897)	7,910	(114,769)	0	101,782	(1,120)	986	(4,181)	0	4,047	93,872	3,487	7,910	560	961	15	1,537	9,446		105,829	0
(101,284)	36,950	(213,307)	0	148,972	(6,142)	78	(7,079)	0	1,014	112,022	751	36,950	263	1,526	70	1,859	38,809		(11,419)	(161,405)
(122,182)	44,860	(328,076)	0	250,754	(7,262)	1,064	(11,260)	0	5,062	205,894	4,238	44,860	824	2,487	85	3,396	48,256		94,410	(161,405)
(20,897)	7,910	(114,769)	0	101,782	(1,120)	986	(4,181)	0	4,047	93,872	3,487	7,910	560	961	15	1,537				
(181,014)	309,500	118,856	0	9,630	(18,896)	2,029	4,181	0	(21,048)	(93,872)	(3,487)	103,502	(17,561)	1,526	70	(15,966)				
(201,912)	317,410	4,087	0	111,411	(20,016)	3,015	0	0	(17,001)	0	0	111,411	(17,001)	2,487	85	(14,429)			\$94,410	
0		0		0	0				0			0	0			0	0			0
(122,182)	44,860	(328,076)	0	250,754	(7,262)	1,064	(11,260)	0	5,062	205,894	4,238	44,860	824	2,487	85	3,396	48,256		94,410	(161,405)

Incentive Rate-setting Mechanism Rate Generator
for 2022 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	40,126,981	0	659,724	0	0	0	40,126,981	0		5,150
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	16,586,733	0	3,198,972	0	0	0	16,586,733	0		706
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	57,599,230	161,087	57,599,230	161,087	0	0	57,599,230	161,087		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	164,178	0	19,637	0	0	0	164,178	0		
STREET LIGHTING SERVICE CLASSIFICATION	kW	526,417	1,500	526,417	1,500	0	0	526,417	1,500		
Total		115,003,539	162,587	62,003,980	162,587	0	0	115,003,539	162,587	0	5,856

Threshold Test	
Total Claim (including Account 1568)	\$48,256
Total Claim for Threshold Test (All Group 1 Accounts)	\$48,256
Threshold Test (Total claim per kWh) ²	\$0.0004 Claim does not meet the threshold test.

As per Section 3.2.5 of the 2019 Filing Requirements for Electricity Distribution Rate Applications, an applicant may elect to dispose of the Group 1 account balances below the threshold. If doing so, please select YES from the adjacent drop-down cell and also indicate so in the Manager's Summary. If not, please select NO.

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 2022 Filers

No input required. This workshseet allocates the deferral/variance account balances (Group 1 and Account 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	% of Total kWh	allocated based on			allocated based on			
		Numbers **	adjusted for WMP	Total less WMP	Total less WMP	Total less WMP	Total less WMP	Total less WMP		
				1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	34.9%	87.9%	34.9%	12,549	(100)	(23,653)	27,907	6,172	(7,516)	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	14.4%	12.1%	14.4%	5,187	(14)	(9,777)	11,536	2,551	(3,107)	0
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	50.1%	0.0%	50.1%	18,014	0	(33,952)	40,059	8,859	(10,789)	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	51	0	(97)	114	25	(31)	0
STREET LIGHTING SERVICE CLASSIFICATION	0.5%	0.0%	0.5%	165	0	(310)	366	81	(99)	0
Total	100.0%	100.0%	100.0%	35,966	(114)	(67,789)	79,983	17,689	(21,541)	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 2022 Filers

1a

The year Account 1589 GA was last disposed

2019

1b

The year Account 1580 CBR Class B was last disposed

2019

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 per #1a above to the current year requested for disposition)?

No

(If you received approval to dispose of the CBR Class B account balance as at December 31, 2017, the period the GA variance accumulated would be 2018 to 2020.)

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 per #1b above to the current year requested for disposition)?

No

(If you received approval to dispose of the CBR Class B account balance as at December 31, 2017, the period the GA variance accumulated would be 2018 to 2020.)

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 (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).

1

In the table, enter the total Class A consumption for full year Class A customers in each rate class for each year, including any transition customer's consumption identified in table 3a above that were Class A customers for the full year before/after the transition year (E.g. If a customer transitioned from Class B to A in 2019, exclude this customer's consumption for 2019 but include this customer's consumption in 2020 as they were a Class A customer for the full year).

Rate Classes with Class A Customers - Billing Determinants by Rate Class				
	Rate Class		2020	2019
Rate Class 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	24,067,489	23,758,522
		kW	65,592	65,641

Incentive Rate-setting Mechanism Rate Generator for 2022 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 (kWhs) 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 2020 Consumption excluding WMP kWh	Total Metered 2020 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated kWh	Total Metered 2020 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated kWh	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption) kWh	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	659,724	0	0	659,724	1.7%	\$164	\$0.0002 kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	3,198,972	0	0	3,198,972	8.4%	\$797	\$0.0002 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	57,599,230	24,067,489	0	33,531,741	88.4%	\$8,350	\$0.0002 kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	19,637	0	0	19,637	0.1%	\$5	\$0.0003 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	526,417	0	0	526,417	1.4%	\$131	\$0.0002 kWh
Total		62,003,980	24,067,489	0	37,936,491	100.0%	\$9,447	

Incentive Rate-setting Mechanism Rate Generator for 2022 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

2019

		Total Metered 2020 Consumption Minus WMP		Total Metered 2020 Consumption for Full Year Class A Customers		Total Metered 2020 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	40,126,981	0	0	0	0	0	40,126,981	0	44.1%	(\$2,376)	(\$0.0001)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	16,586,733	0	0	0	0	0	16,586,733	0	18.2%	(\$982)	(\$0.0001)	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	57,599,230	161,087	24,067,489	65,592	0	0	33,531,741	95,495	36.9%	(\$1,985)	(\$0.0208)	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	164,178	0	0	0	0	0	164,178	0	0.2%	(\$10)	(\$0.0001)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	526,417	1,500	0	0	0	0	526,417	1,500	0.6%	(\$31)	(\$0.0207)	kW
Total		115,003,539	162,587	24,067,489	65,592	0	0	90,936,050	96,995	100.0%	(\$5,384)		



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 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	40,126,981	0	40,126,981	0	15,359		0.0004		0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	16,586,733	0	16,586,733	0	6,377		0.0004		0.0000	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	57,599,230	161,087	57,599,230	161,087	22,191		0.1378		0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	164,178	0	164,178	0	63		0.0004		0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	526,417	1,500	526,417	1,500	203		0.1352		0.0000	
											45,151.75

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 2022 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2017	2022
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		3.2%
Ontario Small Business Rate (calculated effective rate) ^{1,2}		3.2%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 21,884
Provincial Taxes Payable		\$ 7,781
Federal Effective Tax Rate		9.0%
Provincial Effective Tax Rate		3.2%
Combined Effective Tax Rate	15.0%	12.2%
Total Income Taxes Payable	\$ 36,474	\$ 29,665
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$ -
Income Tax Provision	\$ 36,474	\$ 29,665
Grossed-up Income Taxes	\$ 42,910	\$ 33,787
Incremental Grossed-up Tax Amount		-\$ 9,123
Sharing of Tax Amount (50%)		-\$ 4,561

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 2022 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	40,126,981		-3,001	-0.05 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	16,586,733		-854	-0.0001 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	57,599,230	161,087	-479	-0.0030 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	164,178		-10	-0.0001 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	526,417	1,500	-218	-0.1452 kW
Total		115,003,539	162,587	-\$4,561	

Incentive Rate-setting Mechanism Rate Generator for 2022 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	0.0077	40,126,981	0	1.0694	42,911,793
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0030	40,126,981	0	1.0694	42,911,793
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	16,586,733	0	1.0694	17,737,852
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0028	16,586,733	0	1.0694	17,737,852
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9230	57,599,230	161,087		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1033	57,599,230	161,087		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	164,178	0	1.0694	175,572
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0028	164,178	0	1.0694	175,572
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2046	526,417	1,500		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8527	526,417	1,500		



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Uniform Transmission Rates		Unit	2020	2021 Jan to Jun	2021 Jul to Dec	2022
Rate Description			Rate	Rate		Rate
Network Service Rate	kW	\$	3.92	\$ 4.67	\$ 4.90	\$ 4.90
Line Connection Service Rate	kW	\$	0.97	\$ 0.77	\$ 0.81	\$ 0.81
Transformation Connection Service Rate	kW	\$	2.33	\$ 2.53	\$ 2.65	\$ 2.65

Hydro One Sub-Transmission Rates		Unit	2020	2021	2022
Rate Description			Rate	Rate	Rate
Network Service Rate	kW	\$	3.3980	\$ 3.4778	\$ 3.4778
Line Connection Service Rate	kW	\$	0.8045	\$ 0.8128	\$ 0.8128
Transformation Connection Service Rate	kW	\$	2.0194	\$ 2.0458	\$ 2.0458
Both Line and Transformation Connection Service Rate	kW	\$	2.8239	\$ 2.8586	\$ 2.8586

If needed, add extra host here. (I)		Unit	2020	2021	2022
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	2020	2021	2022
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 2020	Current 2021	Forecast 2022

Incentive Rate-setting Mechanism Rate Generator

for 2022 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 Month	Network			Line Connection			Transformation Connection			Total Connection Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	17,374	\$3.92	\$ 68,106	18,044	\$0.97	\$ 17,503	6,672	\$2.33	\$ 15,546	\$ 33,048
February	16,432	\$3.92	\$ 64,413	18,153	\$0.97	\$ 17,608	6,598	\$2.33	\$ 15,373	\$ 32,982
March	14,401	\$3.92	\$ 56,452	16,943	\$0.97	\$ 16,435	5,992	\$2.33	\$ 13,961	\$ 30,396
April	12,652	\$3.92	\$ 49,596	14,508	\$0.97	\$ 14,073	4,947	\$2.33	\$ 11,527	\$ 25,599
May	12,367	\$3.92	\$ 48,479	14,550	\$0.97	\$ 14,114	5,106	\$2.33	\$ 11,897	\$ 26,010
June	14,442	\$3.92	\$ 56,613	16,291	\$0.97	\$ 15,802	6,027	\$2.33	\$ 14,043	\$ 29,845
July	15,304	\$3.92	\$ 59,992	16,343	\$0.97	\$ 15,853	6,056	\$2.33	\$ 14,110	\$ 29,963
August	14,857	\$3.92	\$ 58,239	15,749	\$0.97	\$ 15,277	5,931	\$2.33	\$ 13,819	\$ 29,096
September	12,947	\$3.92	\$ 50,752	13,590	\$0.97	\$ 13,182	4,622	\$2.33	\$ 10,769	\$ 23,952
October	13,939	\$3.92	\$ 54,641	15,168	\$0.97	\$ 14,713	5,182	\$2.33	\$ 12,074	\$ 26,787
November	16,484	\$3.92	\$ 64,617	16,577	\$0.97	\$ 16,080	5,904	\$2.33	\$ 13,756	\$ 29,836
December	17,216	\$3.92	\$ 67,487	17,857	\$0.97	\$ 17,321	6,621	\$2.33	\$ 15,427	\$ 32,748
Total	178,415	3.92	699,387	193,773	0.97	187,960	69,658	2.33	162,303	\$ 350,263

Hydro One Month	Network			Line Connection			Transformation Connection			Total Connection Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	3,995	\$3.3980	\$ 13,576	4,065	\$0.8045	\$ 3,270				\$ 3,270
February	3,941	\$3.3980	\$ 13,391	3,941	\$0.8045	\$ 3,170				\$ 3,170
March	3,398	\$3.3980	\$ 11,511	3,458	\$0.8045	\$ 2,782				\$ 2,782
April	3,066	\$3.3980	\$ 10,418	3,066	\$0.8045	\$ 2,467				\$ 2,467
May	3,155	\$3.3980	\$ 10,719	3,155	\$0.8045	\$ 2,538				\$ 2,538
June	3,700	\$3.3980	\$ 12,573	3,700	\$0.8045	\$ 2,977				\$ 2,977
July	3,922	\$3.3980	\$ 13,327	3,958	\$0.8045	\$ 3,184				\$ 3,184
August	3,875	\$3.3980	\$ 13,168	3,875	\$0.8045	\$ 3,118				\$ 3,118
September	3,062	\$3.3980	\$ 10,405	3,062	\$0.8045	\$ 2,463				\$ 2,463
October	3,212	\$3.3980	\$ 10,914	3,218	\$0.8045	\$ 2,589				\$ 2,589
November	3,668	\$3.3980	\$ 12,465	3,668	\$0.8045	\$ 2,951				\$ 2,951
December	4,082	\$3.3980	\$ 13,870	4,082	\$0.8045	\$ 3,284				\$ 3,284
Total	43,066	3.3980	146,337	43,247	\$ 0.8045	34,792	-	\$ -	-	\$ 34,792

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

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

Total	Network			Line Connection			Transformation Connection			Total Connection Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	21,369	\$ 3.8224	\$ 81,682	22,109	\$ 0.9396	\$ 20,773	6,672	\$ 2.3300	\$ 15,546	\$ 36,319
February	20,373	\$ 3.8190	\$ 77,804	22,094	\$ 0.9405	\$ 20,779	6,598	\$ 2.3300	\$ 15,373	\$ 36,152
March	17,789	\$ 3.8206	\$ 67,963	20,401	\$ 0.9419	\$ 19,216	5,992	\$ 2.3300	\$ 13,961	\$ 33,178
April	15,718	\$ 3.8182	\$ 60,014	17,574	\$ 0.9411	\$ 16,539	4,947	\$ 2.3300	\$ 11,527	\$ 28,066
May	15,522	\$ 3.8139	\$ 59,198	17,705	\$ 0.9405	\$ 16,651	5,106	\$ 2.3300	\$ 11,897	\$ 28,548
June	18,142	\$ 3.8135	\$ 69,186	19,991	\$ 0.9394	\$ 18,779	6,027	\$ 2.3300	\$ 14,043	\$ 32,822
July	19,226	\$ 3.8135	\$ 73,318	20,301	\$ 0.9377	\$ 19,037	6,056	\$ 2.3300	\$ 14,110	\$ 33,147
August	18,732	\$ 3.8120	\$ 71,407	19,624	\$ 0.9373	\$ 18,394	5,931	\$ 2.3300	\$ 13,819	\$ 32,213
September	16,009	\$ 3.8202	\$ 61,157	16,652	\$ 0.9396	\$ 15,646	4,622	\$ 2.3300	\$ 10,769	\$ 26,415
October	17,151	\$ 3.8222	\$ 65,565	18,386	\$ 0.9410	\$ 17,302	5,182	\$ 2.3300	\$ 12,074	\$ 29,376
November	20,152	\$ 3.8250	\$ 77,082	20,245	\$ 0.9400	\$ 19,031	5,904	\$ 2.3300	\$ 13,756	\$ 32,787
December	21,298	\$ 3.8200	\$ 81,357	21,939	\$ 0.9392	\$ 20,605	6,621	\$ 2.3300	\$ 15,427	\$ 36,032
Total	221,481	3.82	845,723	237,020	0.94	222,752	69,658	2.33	162,303	\$ 385,055

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 385,055

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this sheet is to calculate the expected billing when current 2021 Uniform Transmission Rates are applied against historical 2020 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	17,374	\$ 4.6700	\$ 81,137	18,044	\$ 0.7700	\$ 13,894	6,672	\$ 2.5300	\$ 16,880	\$		\$ 30,774	
February	16,432	\$ 4.6700	\$ 76,737	18,153	\$ 0.7700	\$ 13,978	6,598	\$ 2.5300	\$ 16,693	\$		\$ 30,671	
March	14,401	\$ 4.6700	\$ 67,253	16,943	\$ 0.7700	\$ 13,046	5,992	\$ 2.5300	\$ 15,160	\$		\$ 28,206	
April	12,652	\$ 4.6700	\$ 59,085	14,508	\$ 0.7700	\$ 11,171	4,947	\$ 2.5300	\$ 12,516	\$		\$ 23,687	
May	12,367	\$ 4.6700	\$ 57,754	14,550	\$ 0.7700	\$ 11,204	5,106	\$ 2.5300	\$ 12,918	\$		\$ 24,122	
June	14,442	\$ 4.6700	\$ 67,444	16,291	\$ 0.7700	\$ 12,544	6,027	\$ 2.5300	\$ 15,248	\$		\$ 27,792	
July	15,304	\$ 4.9000	\$ 74,990	16,343	\$ 0.8100	\$ 13,238	6,056	\$ 2.6500	\$ 16,048	\$		\$ 29,286	
August	14,857	\$ 4.9000	\$ 72,799	15,749	\$ 0.8100	\$ 12,757	5,931	\$ 2.6500	\$ 15,717	\$		\$ 28,474	
September	12,947	\$ 4.9000	\$ 63,440	13,590	\$ 0.8100	\$ 11,008	4,622	\$ 2.6500	\$ 12,248	\$		\$ 23,256	
October	13,939	\$ 4.9000	\$ 68,301	15,168	\$ 0.8100	\$ 12,286	5,182	\$ 2.6500	\$ 13,732	\$		\$ 26,018	
November	16,484	\$ 4.9000	\$ 80,772	16,577	\$ 0.8100	\$ 13,427	5,904	\$ 2.6500	\$ 15,646	\$		\$ 29,073	
December	17,216	\$ 4.9000	\$ 84,358	17,857	\$ 0.8100	\$ 14,464	6,621	\$ 2.6500	\$ 17,546	\$		\$ 32,010	
Total	178,415	\$ 4.79	\$ 854,070	193,773	\$ 0.79	\$ 153,017	69,658	\$ 2.59	\$ 180,353	\$		\$ 333,369	

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	3,995	\$ 3.4778	\$ 13,895	4,065	\$ 0.8128	\$ 3,304	-	\$ 2.0458	\$ -	\$		\$ 3,304	
February	3,941	\$ 3.4778	\$ 13,705	3,941	\$ 0.8128	\$ 3,203	-	\$ 2.0458	\$ -	\$		\$ 3,203	
March	3,388	\$ 3.4778	\$ 11,782	3,458	\$ 0.8128	\$ 2,810	-	\$ 2.0458	\$ -	\$		\$ 2,810	
April	3,066	\$ 3.4778	\$ 10,663	3,066	\$ 0.8128	\$ 2,492	-	\$ 2.0458	\$ -	\$		\$ 2,492	
May	3,155	\$ 3.4778	\$ 10,971	3,155	\$ 0.8128	\$ 2,564	-	\$ 2.0458	\$ -	\$		\$ 2,564	
June	3,700	\$ 3.4778	\$ 12,868	3,700	\$ 0.8128	\$ 3,007	-	\$ 2.0458	\$ -	\$		\$ 3,007	
July	3,922	\$ 3.4778	\$ 13,640	3,958	\$ 0.8128	\$ 3,217	-	\$ 2.0458	\$ -	\$		\$ 3,217	
August	3,875	\$ 3.4778	\$ 13,477	3,875	\$ 0.8128	\$ 3,150	-	\$ 2.0458	\$ -	\$		\$ 3,150	
September	3,062	\$ 3.4778	\$ 10,649	3,062	\$ 0.8128	\$ 2,489	-	\$ 2.0458	\$ -	\$		\$ 2,489	
October	3,212	\$ 3.4778	\$ 11,170	3,218	\$ 0.8128	\$ 2,616	-	\$ 2.0458	\$ -	\$		\$ 2,616	
November	3,668	\$ 3.4778	\$ 12,758	3,668	\$ 0.8128	\$ 2,981	-	\$ 2.0458	\$ -	\$		\$ 2,981	
December	4,082	\$ 3.4778	\$ 14,196	4,082	\$ 0.8128	\$ 3,318	-	\$ 2.0458	\$ -	\$		\$ 3,318	
Total	43,066	\$ 3.48	\$ 149,773	43,247	\$ 0.81	\$ 35,151	-	\$ -	\$ -	\$		\$ 35,151	

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	21,369	\$ 4.4471	\$ 95,032	22,109	\$ 0.7779	\$ 17,198	6,672	\$ 2.5300	\$ 16,880	\$		\$ 34,078	
February	20,373	\$ 4.4394	\$ 90,443	22,094	\$ 0.7776	\$ 17,181	6,598	\$ 2.5300	\$ 16,693	\$		\$ 33,874	
March	17,789	\$ 4.4430	\$ 79,034	20,401	\$ 0.7773	\$ 15,856	5,992	\$ 2.5300	\$ 15,160	\$		\$ 31,016	
April	15,718	\$ 4.4374	\$ 69,748	17,574	\$ 0.7775	\$ 13,663	4,947	\$ 2.5300	\$ 12,516	\$		\$ 26,179	
May	15,522	\$ 4.4277	\$ 68,725	17,705	\$ 0.7776	\$ 13,768	5,106	\$ 2.5300	\$ 12,918	\$		\$ 26,686	
June	18,142	\$ 4.4268	\$ 80,313	19,991	\$ 0.7779	\$ 15,552	6,027	\$ 2.5300	\$ 15,248	\$		\$ 30,800	
July	19,226	\$ 4.6099	\$ 88,629	20,301	\$ 0.8105	\$ 16,455	6,056	\$ 2.6500	\$ 16,048	\$		\$ 32,503	
August	18,732	\$ 4.6058	\$ 86,276	19,624	\$ 0.8106	\$ 15,906	5,931	\$ 2.6500	\$ 15,717	\$		\$ 31,624	
September	16,009	\$ 4.6280	\$ 74,089	16,652	\$ 0.8105	\$ 13,497	4,622	\$ 2.6500	\$ 12,248	\$		\$ 25,745	
October	17,151	\$ 4.6337	\$ 79,471	18,386	\$ 0.8105	\$ 14,902	5,182	\$ 2.6500	\$ 13,732	\$		\$ 28,634	
November	20,152	\$ 4.6411	\$ 93,529	20,245	\$ 0.8105	\$ 16,409	5,904	\$ 2.6500	\$ 15,646	\$		\$ 32,054	
December	21,298	\$ 4.6274	\$ 98,554	21,939	\$ 0.8105	\$ 17,782	6,621	\$ 2.6500	\$ 17,546	\$		\$ 35,327	
Total	221,481	\$ 4.53	\$ 1,003,843	237,020	\$ 0.79	\$ 188,168	69,658	\$ 2.59	\$ 180,353	\$		\$ 368,520	

Low Voltage Switchgear Credit (if applicable)												\$ -
Total including deduction for Low Voltage Switchgear Credit												\$ 368,520

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2022 Uniform Transmission Rates are applied against historical 2020 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	17,374	\$ 4,9000	\$ 85,133	18,044	\$ 0.8100	\$ 14,616	6,672	\$ 2,6500	\$ 17,681	\$ 32,296
February	16,432	\$ 4,9000	\$ 80,517	18,153	\$ 0.8100	\$ 14,704	6,598	\$ 2,6500	\$ 17,485	\$ 32,189
March	14,401	\$ 4,9000	\$ 70,565	16,943	\$ 0.8100	\$ 13,724	5,992	\$ 2,6500	\$ 15,879	\$ 29,603
April	12,652	\$ 4,9000	\$ 61,956	14,508	\$ 0.8100	\$ 11,751	4,947	\$ 2,6500	\$ 13,110	\$ 24,861
May	12,367	\$ 4,9000	\$ 60,598	14,550	\$ 0.8100	\$ 11,786	5,106	\$ 2,6500	\$ 13,531	\$ 25,316
June	14,442	\$ 4,9000	\$ 70,766	16,291	\$ 0.8100	\$ 13,196	6,027	\$ 2,6500	\$ 15,972	\$ 29,167
July	15,304	\$ 4,9000	\$ 74,990	16,343	\$ 0.8100	\$ 13,238	6,056	\$ 2,6500	\$ 16,048	\$ 29,286
August	14,857	\$ 4,9000	\$ 72,799	15,749	\$ 0.8100	\$ 12,757	5,931	\$ 2,6500	\$ 15,717	\$ 28,474
September	12,947	\$ 4,9000	\$ 63,440	13,590	\$ 0.8100	\$ 11,008	4,622	\$ 2,6500	\$ 12,248	\$ 23,256
October	13,939	\$ 4,9000	\$ 68,301	15,168	\$ 0.8100	\$ 12,286	5,182	\$ 2,6500	\$ 13,732	\$ 26,018
November	16,484	\$ 4,9000	\$ 80,772	16,577	\$ 0.8100	\$ 13,427	5,904	\$ 2,6500	\$ 15,646	\$ 29,073
December	17,216	\$ 4,9000	\$ 84,358	17,857	\$ 0.8100	\$ 14,464	6,621	\$ 2,6500	\$ 17,546	\$ 32,010
Total	178,415	\$ 4.90	\$ 874,234	193,773	\$ 0.81	\$ 156,956	69,658	\$ 2.65	\$ 184,594	\$ 341,550

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	3,995	\$ 3,4778	\$ 13,895	4,065	\$ 0.8128	\$ 3,304	-	\$ 2,0458	\$ -	\$ 3,304
February	3,941	\$ 3,4778	\$ 13,705	3,941	\$ 0.8128	\$ 3,203	-	\$ 2,0458	\$ -	\$ 3,203
March	3,388	\$ 3,4778	\$ 11,782	3,458	\$ 0.8128	\$ 2,810	-	\$ 2,0458	\$ -	\$ 2,810
April	3,066	\$ 3,4778	\$ 10,663	3,066	\$ 0.8128	\$ 2,492	-	\$ 2,0458	\$ -	\$ 2,492
May	3,155	\$ 3,4778	\$ 10,971	3,155	\$ 0.8128	\$ 2,564	-	\$ 2,0458	\$ -	\$ 2,564
June	3,700	\$ 3,4778	\$ 12,868	3,700	\$ 0.8128	\$ 3,007	-	\$ 2,0458	\$ -	\$ 3,007
July	3,922	\$ 3,4778	\$ 13,640	3,958	\$ 0.8128	\$ 3,217	-	\$ 2,0458	\$ -	\$ 3,217
August	3,875	\$ 3,4778	\$ 13,477	3,875	\$ 0.8128	\$ 3,150	-	\$ 2,0458	\$ -	\$ 3,150
September	3,062	\$ 3,4778	\$ 10,649	3,062	\$ 0.8128	\$ 2,489	-	\$ 2,0458	\$ -	\$ 2,489
October	3,212	\$ 3,4778	\$ 11,170	3,218	\$ 0.8128	\$ 2,616	-	\$ 2,0458	\$ -	\$ 2,616
November	3,668	\$ 3,4778	\$ 12,758	3,668	\$ 0.8128	\$ 2,981	-	\$ 2,0458	\$ -	\$ 2,981
December	4,082	\$ 3,4778	\$ 14,196	4,082	\$ 0.8128	\$ 3,318	-	\$ 2,0458	\$ -	\$ 3,318
Total	43,066	\$ 3.48	\$ 149,773	43,247	\$ 0.81	\$ 35,151	-	\$ -	\$ -	\$ 35,151

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	21,369	\$ 4.63	\$ 99,028	22,109	\$ 0.81	\$ 17,919	6,672	\$ 2.65	\$ 17,681	\$ 35,600
February	20,373	\$ 4.62	\$ 94,222	22,094	\$ 0.81	\$ 17,907	6,598	\$ 2.65	\$ 17,485	\$ 35,392
March	17,789	\$ 4.63	\$ 82,347	20,401	\$ 0.81	\$ 16,534	5,992	\$ 2.65	\$ 15,879	\$ 32,413
April	15,718	\$ 4.62	\$ 72,658	17,574	\$ 0.81	\$ 14,243	4,947	\$ 2.65	\$ 13,110	\$ 27,353
May	15,522	\$ 4.61	\$ 71,569	17,705	\$ 0.81	\$ 14,350	5,106	\$ 2.65	\$ 13,531	\$ 27,880
June	18,142	\$ 4.61	\$ 83,634	19,991	\$ 0.81	\$ 16,203	6,027	\$ 2.65	\$ 15,972	\$ 32,175
July	19,226	\$ 4.61	\$ 88,629	20,301	\$ 0.81	\$ 16,455	6,056	\$ 2.65	\$ 16,048	\$ 32,503
August	18,732	\$ 4.61	\$ 86,276	19,624	\$ 0.81	\$ 15,906	5,931	\$ 2.65	\$ 15,717	\$ 31,624
September	16,009	\$ 4.63	\$ 74,089	16,652	\$ 0.81	\$ 13,497	4,622	\$ 2.65	\$ 12,248	\$ 25,745
October	17,151	\$ 4.63	\$ 79,471	18,386	\$ 0.81	\$ 14,902	5,182	\$ 2.65	\$ 13,732	\$ 28,634
November	20,152	\$ 4.64	\$ 93,529	20,245	\$ 0.81	\$ 16,409	5,904	\$ 2.65	\$ 15,646	\$ 32,054
December	21,298	\$ 4.63	\$ 98,554	21,939	\$ 0.81	\$ 17,782	6,621	\$ 2.65	\$ 17,546	\$ 35,327
Total	221,481	\$ 4.62	\$ 1,024,007	237,020	\$ 0.81	\$ 192,107	69,658	\$ 2.65	\$ 184,594	\$ 376,701

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 376,701

Incentive Rate-setting Mechanism Rate Generator for 2022 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	0.0077	42,911,793	0	330,421	35.3%	354,615	0.0083
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	17,737,852	0	129,486	13.8%	138,968	0.0078
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9230		161,087	470,857	50.3%	505,335	3.1370
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	175,572	0	1,282	0.1%	1,376	0.0078
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2046		1,500	3,307	0.4%	3,549	2.3660

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	0.0030	42,911,793	0	128,735	36.0%	132,556	0.0031
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0028	17,737,852	0	49,666	13.9%	51,140	0.0029
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1033		161,087	177,727	49.7%	183,002	1.1360
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0028	175,572	0	492	0.1%	506	0.0029
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8527		1,500	1,279	0.4%	1,317	0.8780

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	0.0083	42,911,793	0	354,615	35.3%	361,738	0.0084
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	17,737,852	0	138,968	13.8%	141,759	0.0080
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.1370		161,087	505,335	50.3%	515,486	3.2000
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	175,572	0	1,376	0.1%	1,403	0.0080
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3660		1,500	3,549	0.4%	3,620	2.4136

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	0.0031	42,911,793	0	132,556	36.0%	135,498	0.0032
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029	17,737,852	0	51,140	13.9%	52,275	0.0029
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1360		161,087	183,002	49.7%	187,064	1.1613
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0029	175,572	0	506	0.1%	517	0.0029
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8780		1,500	1,317	0.4%	1,346	0.8975

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator has been set at the 2021 value and will be updated by OEB staff at a later date.

Price Escalator	2.20%	Productivity Factor	0.00%
Choose Stretch Factor Group	I	Price Cap Index	2.20%
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	39.03				2.20%	39.89	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	34		0.019		2.20%	34.75	0.0194
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	205.17		1.1826		2.20%	209.68	1.2086
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	17.23		0.0189		2.20%	17.61	0.0193
STREET LIGHTING SERVICE CLASSIFICATION	8.19		9.641		2.20%	8.37	9.8531
microFIT SERVICE CLASSIFICATION	4.55					4.55	

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

Incentive Rate-setting Mechanism Rate Generator for 2022 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, 2021	January 1, 2022
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, 2021
Off-Peak	\$/kWh	0.0820
Mid-Peak	\$/kWh	0.1130
On-Peak	\$/kWh	0.1700

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	\$	44.50	2.20%	45.48

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	\$	104.24	2.20%	106.53
Monthly fixed charge, per retailer	\$	41.70	2.20%	42.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.04	2.20%	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62	2.20%	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)	2.20%	(0.63)
Service Transaction Requests (STR)			2.20%	-
Request fee, per request, applied to the requesting party	\$	0.52	2.20%	0.53
Processing fee, per request, applied to the requesting party	\$	1.04	2.20%	1.06
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)	\$	4.17	2.20%	4.26
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08	2.20%	2.13

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

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

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

In column E, select the expiry date (text [e.g., 4/1/2024]) or description (text [e.g., rate effective date of the next cost or non-costed 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 (e.g., LRAMVA and ICM/ACM rate riders). Sub-total B refers to rates/rate riders that are considered pass through costs.

[illegible]

Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2022
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2021-0047

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	\$	39.89
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Application of Tax Change (2022) - effective until April 30, 2023	\$	(0.05)
Low Voltage Service Rate	\$/kWh	0.0016
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0004
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until April 30, 2023		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0084
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032

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, 2022
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2021-0047

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	\$	34.75
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0194
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0004
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until April 30, 2023		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Application of Tax Change (2022) - effective until April 30, 2023	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080
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, 2022
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2021-0047

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	\$	209.68
Distribution Volumetric Rate	\$/kW	1.2086
Low Voltage Service Rate	\$/kW	0.5377
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.1378
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until April 30, 2023		
Applicable only for Class B Customers	\$/kW	(0.0208)
Rate Rider for Application of Tax Change (2022) - effective until April 30, 2023	\$/kW	(0.0030)
Retail Transmission Rate - Network Service Rate	\$/kW	3.2000
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1613

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, 2022
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2021-0047

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)	\$	17.61
Distribution Volumetric Rate	\$/kWh	0.0193
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0004
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until April 30, 2023		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Application of Tax Change (2022) - effective until April 30, 2023	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080
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-2021-0047

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)	\$	8.37
Distribution Volumetric Rate	\$/kW	9.8531
Low Voltage Service Rate	\$/kW	0.4152
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.1352
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until April 30, 2023		
Applicable only for Class B Customers	\$/kW	(0.0207)
Rate Rider for Application of Tax Change (2022) - effective until April 30, 2023	\$/kW	(0.1452)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4136
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8975

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-2021-0047

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
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.

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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

Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00

Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments) - Approved on an Interim Basis	\$	45.48
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Northern Ontario Wires Inc.
TARIFF OF RATES AND CHARGES
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EB-2021-0047

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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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.

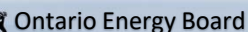
Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	106.53
Monthly fixed charge, per retailer	\$	42.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.63)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.53
Processing fee, per request, applied to the requesting party	\$	1.06
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)	\$	4.26
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)	\$	2.13

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



Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of June 2021 of \$0.1060/kWh (IESO's Monthly Market Report for June 2021) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

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

Table 1

[illegible]

Table 2

[illegible]

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	\$ 39.03	1	\$ 39.03	\$ 39.89	1	\$ 39.89	\$ 0.86	2.20%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
DRP Adjustment		750	\$ (2.17)		750	\$ (3.03)	\$ (0.86)	39.63%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.05)	1	\$ (0.05)	\$ (0.05)	
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.81	\$ (0.05)	-0.14%
Line Losses on Cost of Power	\$ 0.1034	52	\$ 5.38	\$ 0.1034	52	\$ 5.38	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	750	\$ 0.75	\$ 0.0004	750	\$ 0.30	\$ (0.45)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	750	\$ (0.08)	\$ 0.0001	750	\$ (0.08)	\$ -	0.00%
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)			\$ 44.69			\$ 44.19	\$ (0.50)	-1.12%
RTSR - Network	\$ 0.0077	802	\$ 6.18	\$ 0.0084	802	\$ 6.74	\$ 0.56	9.09%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0030	802	\$ 2.41	\$ 0.0032	802	\$ 2.57	\$ 0.16	6.67%
Sub-Total C - Delivery (including Sub-Total B)			\$ 53.27			\$ 53.49	\$ 0.22	0.42%
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	\$ 0.0820	480	\$ 39.36	\$ 0.0820	480	\$ 39.36	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	135	\$ 15.26	\$ 0.1130	135	\$ 15.26	\$ -	0.00%
TOU - On Peak	\$ 0.1700	135	\$ 22.95	\$ 0.1700	135	\$ 22.95	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 134.21			\$ 134.43	\$ 0.22	0.17%
HST	13%		\$ 17.45	13%		\$ 17.48	\$ 0.03	0.17%
Ontario Electricity Rebate	18.9%		\$ (25.37)	18.9%		\$ (25.41)	\$ (0.04)	
Total Bill on TOU			\$ 126.29			\$ 126.50	\$ 0.21	0.17%

In the manager's summary, discuss the reas
In the manager's summary, discuss the reas

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	\$ 34.00	1	\$ 34.00	\$ 34.75	1	\$ 34.75	\$ 0.75	2.21%
Distribution Volumetric Rate	\$ 0.0190	2000	\$ 38.00	\$ 0.0194	2000	\$ 38.80	\$ 0.80	2.11%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0001	2000	\$ (0.20)	\$ (0.20)	
Sub-Total A (excluding pass through)			\$ 72.00			\$ 73.35	\$ 1.35	1.88%
Line Losses on Cost of Power	\$ 0.1034	139	\$ 14.35	\$ 0.1034	139	\$ 14.35	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	2,000	\$ 2.00	\$ 0.0004	2,000	\$ 0.80	\$ (1.20)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	2,000	\$ (0.20)	\$ 0.0001	2,000	\$ (0.20)	\$ -	0.00%
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)			\$ 91.72			\$ 91.87	\$ 0.15	0.16%
RTSR - Network	\$ 0.0073	2,139	\$ 15.61	\$ 0.0080	2,139	\$ 17.11	\$ 1.50	9.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0028	2,139	\$ 5.99	\$ 0.0029	2,139	\$ 6.20	\$ 0.21	3.57%
Sub-Total C - Delivery (including Sub-Total B)			\$ 113.33			\$ 115.19	\$ 1.86	1.64%
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	\$ 0.0820	1,280	\$ 104.96	\$ 0.0820	1,280	\$ 104.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	360	\$ 40.68	\$ 0.1130	360	\$ 40.68	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 328.76			\$ 330.62	\$ 1.86	0.57%
HST	13%		\$ 42.74	13%		\$ 42.98	\$ 0.24	0.57%
Ontario Electricity Rebate	18.9%		\$ (62.14)	18.9%		\$ (62.49)	\$ (0.35)	
Total Bill on TOU			\$ 309.36			\$ 311.11	\$ 1.75	0.57%

In the manager's summary, discuss the reas

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	\$ 205.17	1	\$ 205.17	\$ 209.68	1	\$ 209.68	\$ 4.51	2.20%
Distribution Volumetric Rate	\$ 1.1826	214	\$ 253.08	\$ 1.2086	214	\$ 258.64	\$ 5.56	2.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	214	\$ -	\$ 0.0030	214	\$ (0.64)	\$ (0.64)	
Sub-Total A (excluding pass through)			\$ 458.25			\$ 467.68	\$ 9.43	2.06%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.3644	214	\$ 77.98	\$ 0.1378	214	\$ 29.49	\$ (48.49)	-62.18%
CBR Class B Rate Riders	\$ 0.0296	214	\$ (6.33)	\$ 0.0208	214	\$ (4.45)	\$ 1.88	-29.73%
GA Rate Riders	\$ 0.0024	66,088	\$ 158.61	\$ 0.0002	66,088	\$ 13.22	\$ (145.39)	-91.67%
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)			\$ 803.57			\$ 621.00	\$ (182.57)	-22.72%
RTSR - Network	\$ 2.9230	214	\$ 625.52	\$ 3.2000	214	\$ 684.80	\$ 59.28	9.48%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1033	214	\$ 236.11	\$ 1.1613	214	\$ 248.52	\$ 12.41	5.26%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,665.20			\$ 1,554.32	\$ (110.88)	-6.66%
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	\$ 0.1060	70,675	\$ 7,491.50	\$ 0.1060	70,675	\$ 7,491.50	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 9,432.58			\$ 9,321.70	\$ (110.88)	-1.18%
HST	13%		\$ 1,226.24	13%		\$ 1,211.82	\$ (14.41)	-1.18%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 10,658.81			\$ 10,533.52	\$ (125.30)	-1.18%

In the manager's summary, discuss the reas

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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	\$ 17.23	1	\$ 17.23	\$ 17.61	1	\$ 17.61	\$ 0.38	2.21%
Distribution Volumetric Rate	\$ 0.0189	727	\$ 13.74	\$ 0.0193	727	\$ 14.03	\$ 0.29	2.12%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	727	\$ -	\$ 0.0001	727	\$ (0.07)	\$ (0.07)	
Sub-Total A (excluding pass through)			\$ 30.97			\$ 31.57	\$ 0.60	1.93%
Line Losses on Cost of Power	\$ 0.1060	50	\$ 5.35	\$ 0.1060	50	\$ 5.35	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	727	\$ 0.73	\$ 0.0004	727	\$ 0.29	\$ (0.44)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	727	\$ (0.07)	\$ 0.0001	727	\$ (0.07)	\$ -	0.00%
GA Rate Riders	\$ 0.0024	727	\$ 1.74	\$ 0.0003	727	\$ 0.22	\$ (1.53)	-87.50%
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)			\$ 39.81			\$ 38.44	\$ (1.36)	-3.43%
RTSR - Network	\$ 0.0073	777	\$ 5.68	\$ 0.0080	777	\$ 6.22	\$ 0.54	9.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0028	777	\$ 2.18	\$ 0.0029	777	\$ 2.25	\$ 0.08	3.57%
Sub-Total C - Delivery (including Sub-Total B)			\$ 47.66			\$ 46.92	\$ (0.74)	-1.56%
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	\$ 0.1060	727	\$ 77.06	\$ 0.1060	727	\$ 77.06	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 128.00			\$ 127.26	\$ (0.74)	-0.58%
HST 13%			\$ 16.64	13%		\$ 16.54	\$ (0.10)	-0.58%
Ontario Electricity Rebate 18.9%			\$ (24.19)	18.9%		\$ (24.05)	\$ (0.14)	0.58%
Total Bill on Average IESO Wholesale Market Price			\$ 144.64			\$ 143.81	\$ (0.84)	-0.58%

In the manager's summary, discuss the reas

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	\$ 8.19	1	\$ 8.19	\$ 8.37	1	\$ 8.37	\$ 0.18	2.20%
Distribution Volumetric Rate	\$ 9.6410	0.2174429	\$ 2.10	\$ 9.8531	0.217442863	\$ 2.14	\$ 0.05	2.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0.2174429	\$ -	\$ 0.1452	0.217442863	\$ (0.03)	\$ (0.03)	
Sub-Total A (excluding pass through)			\$ 10.29			\$ 10.48	\$ 0.19	1.89%
Line Losses on Cost of Power	\$ 0.1060	5	\$ 0.57	\$ 0.1060	5	\$ 0.57	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.3708	0	\$ 0.08	\$ 0.1352	0	\$ 0.03	\$ (0.05)	-63.54%
CBR Class B Rate Riders	\$ 0.0308	0	\$ (0.01)	\$ 0.0207	0	\$ (0.00)	\$ 0.00	-32.79%
GA Rate Riders	\$ 0.0024	77	\$ 0.18	\$ 0.0002	77	\$ 0.02	\$ (0.17)	-91.67%
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)			\$ 11.20			\$ 11.18	\$ (0.02)	-0.21%
RTSR - Network	\$ 2.2046	0	\$ 0.48	\$ 2.4136	0	\$ 0.52	\$ 0.05	9.48%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.8527	0	\$ 0.19	\$ 0.8975	0	\$ 0.20	\$ 0.01	5.25%
Sub-Total C - Delivery (including Sub-Total B)			\$ 11.87			\$ 11.90	\$ 0.03	0.26%
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	\$ 0.1060	77	\$ 8.16	\$ 0.1060	77	\$ 8.16	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 20.35			\$ 20.38	\$ 0.03	0.15%
HST	13%		\$ 2.65	13%		\$ 2.65	\$ 0.00	0.15%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 23.00			\$ 23.03	\$ 0.04	0.15%

In the manager's summary, discuss the reas

In the manager's summary, discuss the reas

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	209	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	\$ 39.03	1	\$ 39.03	\$ 39.89	1	\$ 39.89	\$ 0.86	2.20%
Distribution Volumetric Rate	\$ -	209	\$ -	\$ -	209	\$ -	\$ -	
DRP Adjustment		209	\$ (2.17)		209	\$ (3.03)	\$ (0.86)	39.63%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.05)	1	\$ (0.05)	\$ (0.05)	
Volumetric Rate Riders	\$ -	209	\$ -	\$ -	209	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.81	\$ (0.05)	-0.14%
Line Losses on Cost of Power	\$ 0.1034	15	\$ 1.50	\$ 0.1034	15	\$ 1.50	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	209	\$ 0.21	\$ 0.0004	209	\$ 0.08	\$ (0.13)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	209	\$ (0.02)	\$ 0.0001	209	\$ (0.02)	\$ -	0.00%
GA Rate Riders	\$ -	209	\$ -	\$ -	209	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0016	209	\$ 0.33	\$ 0.0016	209	\$ 0.33	\$ -	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	\$ -	209	\$ -	\$ -	209	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 39.45			\$ 39.28	\$ (0.18)	-0.44%
RTSR - Network	\$ 0.0077	224	\$ 1.72	\$ 0.0084	224	\$ 1.88	\$ 0.16	9.09%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0030	224	\$ 0.67	\$ 0.0032	224	\$ 0.72	\$ 0.04	6.67%
Sub-Total C - Delivery (including Sub-Total B)			\$ 41.84			\$ 41.87	\$ 0.03	0.06%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	224	\$ 0.76	\$ 0.0034	224	\$ 0.76	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	224	\$ 0.11	\$ 0.0005	224	\$ 0.11	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	134	\$ 10.97	\$ 0.0820	134	\$ 10.97	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	38	\$ 4.25	\$ 0.1130	38	\$ 4.25	\$ -	0.00%
TOU - On Peak	\$ 0.1700	38	\$ 6.40	\$ 0.1700	38	\$ 6.40	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 64.58			\$ 64.61	\$ 0.03	0.04%
HST	13%		\$ 8.40	13%		\$ 8.40	\$ 0.00	0.04%
Ontario Electricity Rebate	18.9%		\$ (12.21)	18.9%		\$ (12.21)	\$ (0.00)	
Total Bill on TOU			\$ 60.77			\$ 60.79	\$ 0.02	0.04%

In the manager's summary, discuss the reas
In the manager's summary, discuss the reas

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	\$ 39.03	1	\$ 39.03	\$ 39.89	1	\$ 39.89	\$ 0.86	2.20%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
DRP Adjustment	\$ -	750	\$ (2.17)	\$ (0.05)	750	\$ (3.03)	\$ (0.86)	39.63%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.05)	1	\$ (0.05)	\$ (0.05)	-
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.81	\$ (0.05)	-0.14%
Line Losses on Cost of Power	\$ 0.1060	52	\$ 5.52	\$ 0.1060	52	\$ 5.52	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	750	\$ 0.75	\$ 0.0004	750	\$ 0.30	\$ (0.45)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	750	\$ (0.08)	\$ 0.0001	750	\$ (0.08)	\$ -	0.00%
GA Rate Riders	\$ 0.0024	750	\$ 1.80	\$ 0.0002	750	\$ 0.15	\$ (1.65)	-91.67%
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)			\$ 46.62			\$ 44.47	\$ (2.15)	-4.61%
RTSR - Network	\$ 0.0077	802	\$ 6.18	\$ 0.0084	802	\$ 6.74	\$ 0.56	9.09%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0030	802	\$ 2.41	\$ 0.0032	802	\$ 2.57	\$ 0.16	6.67%
Sub-Total C - Delivery (including Sub-Total B)			\$ 55.20			\$ 53.78	\$ (1.43)	-2.59%
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	\$ 0.1060	750	\$ 79.50	\$ 0.1060	750	\$ 79.50	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 137.83			\$ 136.40	\$ (1.43)	-1.04%
HST	13%		\$ 17.92	13%		\$ 17.73	\$ (0.19)	-1.04%
Ontario Electricity Rebate	18.9%		\$ (26.05)	18.9%		\$ (25.78)	\$ (0.27)	-1.04%
Total Bill on Non-RPP Avg. Price			\$ 155.75			\$ 154.14	\$ (1.61)	-1.04%

In the manager's summary, discuss the reasons for the change in the distribution rate.

In the manager's summary, discuss the reasons for the change in the delivery rate.

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	\$ 34.00	1	\$ 34.00	\$ 34.75	1	\$ 34.75	\$ 0.75	2.21%
Distribution Volumetric Rate	\$ 0.0190	2000	\$ 38.00	\$ 0.0194	2000	\$ 38.80	\$ 0.80	2.11%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0001	2000	\$ (0.20)	\$ (0.20)	
Sub-Total A (excluding pass through)			\$ 72.00			\$ 73.35	\$ 1.35	1.88%
Line Losses on Cost of Power	\$ 0.1034	139	\$ 14.35	\$ 0.1034	139	\$ 14.35	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	2,000	\$ 2.00	\$ 0.0004	2,000	\$ 0.80	\$ (1.20)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	2,000	\$ (0.20)	\$ 0.0001	2,000	\$ (0.20)	\$ -	0.00%
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)			\$ 91.72			\$ 91.87	\$ 0.15	0.16%
RTSR - Network	\$ 0.0073	2,139	\$ 15.61	\$ 0.0080	2,139	\$ 17.11	\$ 1.50	9.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0028	2,139	\$ 5.99	\$ 0.0029	2,139	\$ 6.20	\$ 0.21	3.57%
Sub-Total C - Delivery (including Sub-Total B)			\$ 113.33			\$ 115.19	\$ 1.86	1.64%
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	\$ 0.0820	1,280	\$ 104.96	\$ 0.0820	1,280	\$ 104.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	360	\$ 40.68	\$ 0.1130	360	\$ 40.68	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 328.76			\$ 330.62	\$ 1.86	0.57%
HST	13%		\$ 42.74	13%		\$ 42.98	\$ 0.24	0.57%
Ontario Electricity Rebate	18.9%		\$ (62.14)	18.9%		\$ (62.49)	\$ (0.35)	
Total Bill on TOU			\$ 309.36			\$ 311.11	\$ 1.75	0.57%

In the manager's summary, discuss the reas

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	\$ 205.17	1	\$ 205.17	\$ 209.68	1	\$ 209.68	\$ 4.51	2.20%
Distribution Volumetric Rate	\$ 1.1826	214	\$ 253.08	\$ 1.2086	214	\$ 258.64	\$ 5.56	2.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	214	\$ -	\$ 0.0030	214	\$ (0.64)	\$ (0.64)	
Sub-Total A (excluding pass through)			\$ 458.25			\$ 467.68	\$ 9.43	2.06%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.3644	214	\$ 77.98	\$ 0.1378	214	\$ 29.49	\$ (48.49)	-62.18%
CBR Class B Rate Riders	\$ 0.0296	214	\$ (6.33)	\$ 0.0208	214	\$ (4.45)	\$ 1.88	-29.73%
GA Rate Riders	\$ 0.0024	66,088	\$ 158.61	\$ 0.0002	66,088	\$ 13.22	\$ (145.39)	-91.67%
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)			\$ 803.57			\$ 621.00	\$ (182.57)	-22.72%
RTSR - Network	\$ 2.9230	214	\$ 625.52	\$ 3.2000	214	\$ 684.80	\$ 59.28	9.48%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1033	214	\$ 236.11	\$ 1.1613	214	\$ 248.52	\$ 12.41	5.26%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,665.20			\$ 1,554.32	\$ (110.88)	-6.66%
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	\$ 0.1060	70,675	\$ 7,491.50	\$ 0.1060	70,675	\$ 7,491.50	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 9,432.33			\$ 9,321.45	\$ (110.88)	-1.18%
HST	13%		\$ 1,226.20	13%		\$ 1,211.79	\$ (14.41)	-1.18%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 10,658.53			\$ 10,533.24	\$ (125.30)	-1.18%

In the manager's summary, discuss the reas

In the manager's summary, discuss the reas



File Number: EB-2021-0047

Exhibit: 1

Tab: 2

Schedule: 1

Date Filed: November 24, 2021

Appendix 3 of 5

Appendix 3 – GA Analysis Workform for 2020



GA Analysis Workform for 2022 Rate Applications

Version 1.0

Input cells
Drop down cells

Utility Name **NORTHERN ONTARIO WIRES INC.**

Note 1

For Account 1589 and Account 1588, determine if a or b below applies and select the appropriate year related to the account balance in the drop-down box to the right.

- a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved on a final basis.
- b) If the account balances were last approved on an interim basis, and
- there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis. OR
 - there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

(e.g. If the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019)

Year Selected

2019

Instructions:

- Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the appropriate GA Analysis Workform tabs, and information in the Principal Adjustments tab and Account 1588 tab.
For example:
 - Scenario a - If 2019 balances were last approved on a final basis - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
 - Scenario bi - If 2019 balances were last approved on an interim basis and there are no changes to 2019 balances - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
 - Scenario bii - If 2019 balances were last approved on an interim basis, there are changes to 2019 balances, and 2018 balances were last approved for disposition - Select 2018 and GA Analysis Workforms for 2019 and 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
- Complete the GA Analysis Workform for each year generated.
- Complete the Account 1588 tab. Note that the number of years that require the reasonability test to be completed are shown in the Account 1588 tab, depending on the year selected on the Information Sheet.
- Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in the one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of

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
2020	\$ (25,768)	\$ 7,910	\$ (58,035)	\$ (50,125)	\$ (24,357)	\$ 4,576,084	-0.5%
Cumulative Balance	\$ (25,768)	\$ 7,910	\$ (58,035)	\$ (50,125)	\$ (24,357)	\$ 4,576,084	N/A

Account 1588 Reconciliation Summary

Year	Account 1588 as a % of Account 4705
2020	-0.3%

GA Analysis Workform

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

Year		2020		
Total Metered excluding WMP	C = A+B	115,003,539	kWh	100%
RPP	A	52,590,559	kWh	46.1%
Non-RPP	B = D+E	62,003,980	kWh	53.9%
Non-RPP Class A	D	24,067,489	kWh	20.9%
Non-RPP Class B*	E	37,936,491	kWh	33.0%

*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

Note that the GA actual rates for April to June 2020 are based on the unadjusted GA rates, without the impacts of the GA deferral.

Please confirm that the adjusted GA rate was used to bill customers from April to June 2020.

For the months of April to June 2020, the IESO provided adjusted GA rates, which reflected the deferral of a portion of the GA as per the May 1, 2020 Emergency Order, and unadjusted GA rates which did not consider the GA deferral.

Yes

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

Yes

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	2020									
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 Price Variance (\$)	
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	N=M-K	
January	4,369,831	4,369,831	4,226,557	4,226,557	0.08323	\$ 351,776	0.10232	\$ 432,461	\$ 80,685	
February	4,226,557	4,226,557	3,952,093	3,952,093	0.12451	\$ 492,075	0.11331	\$ 447,812	\$ (44,263)	
March	3,952,093	3,952,093	3,793,648	3,793,648	0.10432	\$ 395,753	0.11942	\$ 453,037	\$ 57,284	
April	3,793,648	3,793,648	2,947,321	2,947,321	0.13707	\$ 403,989	0.11500	\$ 338,942	\$ (65,047)	
May	2,947,321	2,947,321	2,975,933	2,975,933	0.09293	\$ 276,553	0.11500	\$ 342,232	\$ 65,679	
June	2,975,933	2,975,933	2,781,260	2,781,260	0.11500	\$ 319,845	0.11500	\$ 319,845	\$ -	
July	2,781,260	2,781,260	2,979,287	2,979,287	0.10305	\$ 307,016	0.09902	\$ 295,009	\$ (12,007)	
August	2,979,287	2,979,287	2,889,346	2,889,346	0.10232	\$ 295,638	0.10348	\$ 298,990	\$ 3,352	
September	2,889,346	2,889,346	2,935,755	2,935,755	0.11573	\$ 339,755	0.12176	\$ 357,458	\$ 17,703	
October	2,935,755	2,935,755	3,470,636	3,470,636	0.14954	\$ 518,999	0.12806	\$ 444,450	\$ (74,549)	
November	3,470,636	3,470,636	3,626,595	3,626,595	0.11670	\$ 423,224	0.11705	\$ 424,493	\$ 1,269	
December	3,626,595	3,626,595	3,990,864	3,990,864	0.10704	\$ 427,182	0.10558	\$ 421,355	\$ (5,827)	
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	40,948,262	40,948,262	40,569,295	40,569,295		\$ 4,551,805		\$ 4,576,084	\$ 24,278	

Annual Non-RPP Class B Wholesale kWh +	Annual Non-RPP Class B Retail billed kWh (excludes April to June 2020)	Annual Unaccounted for Energy Loss kWh	Weighted Average GA Actual Rate Paid (\$/kWh)**	Expected GA Volume Variance (\$)
O	P	Q=O-P	R	P=Q/R
31,418,473	31,864,781	- 446,308	0.11213	\$ (50,046)

*Equal to (AOEW - Class A + embedded generation kWh)/(Non-RPP Class B retail kWh/Total retail Class B kWh). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

**Equal to annual Non-RPP Class B \$ GA paid (i.e. non-RPP portion of CT 148 on IESO invoice) divided by Non-RPP Class B Wholesale kWh (as quantified in column O in the table above). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

Total Expected GA Variance	\$ (25,768)
----------------------------	-------------

Calculated Loss Factor	1.0694
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0694
Difference	0.0000

a) Please provide an explanation in the text box below if columns G and H for unbilled consumption are not used in the table above.

b) Please provide an explanation in the text box below if the difference in loss factor is greater than 1%

Note 5 Reconciling Items.

Item	Amount	Explanation	Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 7,910		Principal Adjustment on DVA Continuity Schedule If "no", please provide an explanation
CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year		Actual volumes used	
CT 148 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 Significant prior period billing adjustments recorded in current year		No significant adjustments	
3b Significant current period billing adjustments recorded in other year(s)		No significant adjustments	
4 CT 2148 for prior period corrections	\$ -	2019 2148 adjustments accounted for in GL in proper period. Additional charge not in expected calc, but not in GL either. 2021 Feb adj for Dec included in GL and Consumption - No reconciling required.	
5 Impacts of GA deferral	\$ (58,035)	Calculated as per OEB guidance, GA costs in workform is \$1,001,019 vs Non RPP- GA Costs in GL is	No
6			
7			
8			
9			
10			
11			

Adjusted Net Change in Principal Balance in the GL	\$ (50,125)
Net Change in Expected GA Balance in the Year Per Analysis	\$ (25,768)
Unresolved Difference	\$ (24,357)
Unresolved Difference as % of Expected GA Payments to IESO	-0.5%



Account 1588 Reasonability

Note 7 **Account 1588 Reasonability Test**

Year	Account 1588 - RSPA Power			Account 4705 - Power Purchased	Account 1588 as % of Account 4705
	Transactions ¹	Principal Adjustments ¹	Total Activity in Calendar Year		
2020	- 22,336	-	22,336	7,952,952	-0.3%
Cumulative	- 22,336	-	22,336	7,952,952	-0.3%

Notes

1) The transactions should equal the "Transaction" column in the DVA Continuity Schedule. This is also expected to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)

2) Principal adjustments should equal the "Principal Adjustments" column in the DVA Continuity Schedule. Principal adjustments adjust the transactions in the general ledger to the amount that should be requested for disposition.

GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

Note 8 **Breakdown of principal adjustments included in last approved balance:**

Account 1589 - RSVA Global Adjustment			
	Adjustment Description	Amount	To be reversed in current application?
1			
2			
3			
4			
5			
6			
7			
8			
	Total	-	
	Total principal adjustments included in last approved balance		
	Difference	-	

Account 1588 - RSVA Power			
	Adjustment Description	Amount	To be Reversed in Current Application?
1			
2			
3			
4			
5			
6			
7			
8			
	Total	-	
	Total principal adjustments included in last approved balance		
	Difference	-	

Note 9 **Principal adjustment reconciliation in current application:**

Notes

- 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
- 3) The "Variance RRR vs. 2020 Balance" column in the DVA Continuity Schedule should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.
- 4) Principal adjustments to the pro-ratio of CT 148 true-ups (i.e. principal adjustment #1 in tables below) are expected to be equal and offsetting between Account 1588 and Account 1589, if not, please explain. If this results in further adjustments to RPP settlements, this should be shown separately as a principal adjustment to CT 1142/142 (i.e. principal adjustment #2 in tables below)

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes		
	2 Unbilled to actual revenue differences		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	-	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	-	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142/142 true-up based on actuals		
	3 Unbilled to actual revenue differences		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	-	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	-	



File Number: EB-2021-0047

Exhibit: 1

Tab: 2

Schedule: 1

Date Filed: November 24, 2021

Appendix 4 of 5

Appendix 4 – Bill Impacts



Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of June 2021 of \$0.1060/kWh (IESO's Monthly Market Report for June 2021) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

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

Table 1

[illegible]

Table 2

[illegible]

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	\$ 39.03	1	\$ 39.03	\$ 39.89	1	\$ 39.89	\$ 0.86	2.20%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
DRP Adjustment		750	\$ (2.17)		750	\$ (3.03)	\$ (0.86)	39.63%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.05)	1	\$ (0.05)	\$ (0.05)	
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.81	\$ (0.05)	-0.14%
Line Losses on Cost of Power	\$ 0.1034	52	\$ 5.38	\$ 0.1034	52	\$ 5.38	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	750	\$ 0.75	\$ 0.0004	750	\$ 0.30	\$ (0.45)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	750	\$ (0.08)	\$ 0.0001	750	\$ (0.08)	\$ -	0.00%
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)			\$ 44.69			\$ 44.19	\$ (0.50)	-1.12%
RTSR - Network	\$ 0.0077	802	\$ 6.18	\$ 0.0084	802	\$ 6.74	\$ 0.56	9.09%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0030	802	\$ 2.41	\$ 0.0032	802	\$ 2.57	\$ 0.16	6.67%
Sub-Total C - Delivery (including Sub-Total B)			\$ 53.27			\$ 53.49	\$ 0.22	0.42%
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	\$ 0.0820	480	\$ 39.36	\$ 0.0820	480	\$ 39.36	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	135	\$ 15.26	\$ 0.1130	135	\$ 15.26	\$ -	0.00%
TOU - On Peak	\$ 0.1700	135	\$ 22.95	\$ 0.1700	135	\$ 22.95	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 134.21			\$ 134.43	\$ 0.22	0.17%
HST	13%		\$ 17.45	13%		\$ 17.48	\$ 0.03	0.17%
Ontario Electricity Rebate	18.9%		\$ (25.37)	18.9%		\$ (25.41)	\$ (0.04)	
Total Bill on TOU			\$ 126.29			\$ 126.50	\$ 0.21	0.17%

In the manager's summary, discuss the reas
In the manager's summary, discuss the reas

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	\$ 34.00	1	\$ 34.00	\$ 34.75	1	\$ 34.75	\$ 0.75	2.21%
Distribution Volumetric Rate	\$ 0.0190	2000	\$ 38.00	\$ 0.0194	2000	\$ 38.80	\$ 0.80	2.11%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0001	2000	\$ (0.20)	\$ (0.20)	
Sub-Total A (excluding pass through)			\$ 72.00			\$ 73.35	\$ 1.35	1.88%
Line Losses on Cost of Power	\$ 0.1034	139	\$ 14.35	\$ 0.1034	139	\$ 14.35	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	2,000	\$ 2.00	\$ 0.0004	2,000	\$ 0.80	\$ (1.20)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	2,000	\$ (0.20)	\$ 0.0001	2,000	\$ (0.20)	\$ -	0.00%
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)			\$ 91.72			\$ 91.87	\$ 0.15	0.16%
RTSR - Network	\$ 0.0073	2,139	\$ 15.61	\$ 0.0080	2,139	\$ 17.11	\$ 1.50	9.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0028	2,139	\$ 5.99	\$ 0.0029	2,139	\$ 6.20	\$ 0.21	3.57%
Sub-Total C - Delivery (including Sub-Total B)			\$ 113.33			\$ 115.19	\$ 1.86	1.64%
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	\$ 0.0820	1,280	\$ 104.96	\$ 0.0820	1,280	\$ 104.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	360	\$ 40.68	\$ 0.1130	360	\$ 40.68	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 328.76			\$ 330.62	\$ 1.86	0.57%
HST	13%		\$ 42.74	13%		\$ 42.98	\$ 0.24	0.57%
Ontario Electricity Rebate	18.9%		\$ (62.14)	18.9%		\$ (62.49)	\$ (0.35)	
Total Bill on TOU			\$ 309.36			\$ 311.11	\$ 1.75	0.57%

In the manager's summary, discuss the reas

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	\$ 205.17	1	\$ 205.17	\$ 209.68	1	\$ 209.68	\$ 4.51	2.20%
Distribution Volumetric Rate	\$ 1.1826	214	\$ 253.08	\$ 1.2086	214	\$ 258.64	\$ 5.56	2.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	214	\$ -	\$ 0.0030	214	\$ (0.64)	\$ (0.64)	
Sub-Total A (excluding pass through)			\$ 458.25			\$ 467.68	\$ 9.43	2.06%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.3644	214	\$ 77.98	\$ 0.1378	214	\$ 29.49	\$ (48.49)	-62.18%
CBR Class B Rate Riders	\$ 0.0296	214	\$ (6.33)	\$ 0.0208	214	\$ (4.45)	\$ 1.88	-29.73%
GA Rate Riders	\$ 0.0024	66,088	\$ 158.61	\$ 0.0002	66,088	\$ 13.22	\$ (145.39)	-91.67%
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)			\$ 803.57			\$ 621.00	\$ (182.57)	-22.72%
RTSR - Network	\$ 2.9230	214	\$ 625.52	\$ 3.2000	214	\$ 684.80	\$ 59.28	9.48%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1033	214	\$ 236.11	\$ 1.1613	214	\$ 248.52	\$ 12.41	5.26%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,665.20			\$ 1,554.32	\$ (110.88)	-6.66%
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	\$ 0.1060	70,675	\$ 7,491.50	\$ 0.1060	70,675	\$ 7,491.50	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 9,432.58			\$ 9,321.70	\$ (110.88)	-1.18%
HST	13%		\$ 1,226.24	13%		\$ 1,211.82	\$ (14.41)	-1.18%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 10,658.81			\$ 10,533.52	\$ (125.30)	-1.18%

In the manager's summary, discuss the reas

In the manager's summary, discuss the reas

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	\$ 17.23	1	\$ 17.23	\$ 17.61	1	\$ 17.61	\$ 0.38	2.21%
Distribution Volumetric Rate	\$ 0.0189	727	\$ 13.74	\$ 0.0193	727	\$ 14.03	\$ 0.29	2.12%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	727	\$ -	\$ 0.0001	727	\$ (0.07)	\$ (0.07)	
Sub-Total A (excluding pass through)			\$ 30.97			\$ 31.57	\$ 0.60	1.93%
Line Losses on Cost of Power	\$ 0.1060	50	\$ 5.35	\$ 0.1060	50	\$ 5.35	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	727	\$ 0.73	\$ 0.0004	727	\$ 0.29	\$ (0.44)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	727	\$ (0.07)	\$ 0.0001	727	\$ (0.07)	\$ -	0.00%
GA Rate Riders	\$ 0.0024	727	\$ 1.74	\$ 0.0003	727	\$ 0.22	\$ (1.53)	-87.50%
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)			\$ 39.81			\$ 38.44	\$ (1.36)	-3.43%
RTSR - Network	\$ 0.0073	777	\$ 5.68	\$ 0.0080	777	\$ 6.22	\$ 0.54	9.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0028	777	\$ 2.18	\$ 0.0029	777	\$ 2.25	\$ 0.08	3.57%
Sub-Total C - Delivery (including Sub-Total B)			\$ 47.66			\$ 46.92	\$ (0.74)	-1.56%
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	\$ 0.1060	727	\$ 77.06	\$ 0.1060	727	\$ 77.06	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 128.00			\$ 127.26	\$ (0.74)	-0.58%
HST 13%			\$ 16.64	13%		\$ 16.54	\$ (0.10)	-0.58%
Ontario Electricity Rebate 18.9%			\$ (24.19)	18.9%		\$ (24.05)	\$ (0.14)	0.58%
Total Bill on Average IESO Wholesale Market Price			\$ 144.64			\$ 143.81	\$ (0.84)	-0.58%

In the manager's summary, discuss the reas

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	\$ 8.19	1	\$ 8.19	\$ 8.37	1	\$ 8.37	\$ 0.18	2.20%
Distribution Volumetric Rate	\$ 9.6410	0.2174429	\$ 2.10	\$ 9.8531	0.217442863	\$ 2.14	\$ 0.05	2.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0.2174429	\$ -	\$ 0.1452	0.217442863	\$ (0.03)	\$ (0.03)	
Sub-Total A (excluding pass through)			\$ 10.29			\$ 10.48	\$ 0.19	1.89%
Line Losses on Cost of Power	\$ 0.1060	5	\$ 0.57	\$ 0.1060	5	\$ 0.57	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.3708	0	\$ 0.08	\$ 0.1352	0	\$ 0.03	\$ (0.05)	-63.54%
CBR Class B Rate Riders	\$ 0.0308	0	\$ (0.01)	\$ 0.0207	0	\$ (0.00)	\$ 0.00	-32.79%
GA Rate Riders	\$ 0.0024	77	\$ 0.18	\$ 0.0002	77	\$ 0.02	\$ (0.17)	-91.67%
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)			\$ 11.20			\$ 11.18	\$ (0.02)	-0.21%
RTSR - Network	\$ 2.2046	0	\$ 0.48	\$ 2.4136	0	\$ 0.52	\$ 0.05	9.48%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.8527	0	\$ 0.19	\$ 0.8975	0	\$ 0.20	\$ 0.01	5.25%
Sub-Total C - Delivery (including Sub-Total B)			\$ 11.87			\$ 11.90	\$ 0.03	0.26%
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	\$ 0.1060	77	\$ 8.16	\$ 0.1060	77	\$ 8.16	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 20.35			\$ 20.38	\$ 0.03	0.15%
HST	13%		\$ 2.65	13%		\$ 2.65	\$ 0.00	0.15%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 23.00			\$ 23.03	\$ 0.04	0.15%

In the manager's summary, discuss the reas

In the manager's summary, discuss the reas

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	209	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	\$ 39.03	1	\$ 39.03	\$ 39.89	1	\$ 39.89	\$ 0.86	2.20%
Distribution Volumetric Rate	\$ -	209	\$ -	\$ -	209	\$ -	\$ -	
DRP Adjustment		209	\$ (2.17)		209	\$ (3.03)	\$ (0.86)	39.63%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.05)	1	\$ (0.05)	\$ (0.05)	
Volumetric Rate Riders	\$ -	209	\$ -	\$ -	209	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.81	\$ (0.05)	-0.14%
Line Losses on Cost of Power	\$ 0.1034	15	\$ 1.50	\$ 0.1034	15	\$ 1.50	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	209	\$ 0.21	\$ 0.0004	209	\$ 0.08	\$ (0.13)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	209	\$ (0.02)	\$ 0.0001	209	\$ (0.02)	\$ -	0.00%
GA Rate Riders	\$ -	209	\$ -	\$ -	209	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0016	209	\$ 0.33	\$ 0.0016	209	\$ 0.33	\$ -	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	\$ -	209	\$ -	\$ -	209	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 39.45			\$ 39.28	\$ (0.18)	-0.44%
RTSR - Network	\$ 0.0077	224	\$ 1.72	\$ 0.0084	224	\$ 1.88	\$ 0.16	9.09%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0030	224	\$ 0.67	\$ 0.0032	224	\$ 0.72	\$ 0.04	6.67%
Sub-Total C - Delivery (including Sub-Total B)			\$ 41.84			\$ 41.87	\$ 0.03	0.06%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	224	\$ 0.76	\$ 0.0034	224	\$ 0.76	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	224	\$ 0.11	\$ 0.0005	224	\$ 0.11	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	134	\$ 10.97	\$ 0.0820	134	\$ 10.97	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	38	\$ 4.25	\$ 0.1130	38	\$ 4.25	\$ -	0.00%
TOU - On Peak	\$ 0.1700	38	\$ 6.40	\$ 0.1700	38	\$ 6.40	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 64.58			\$ 64.61	\$ 0.03	0.04%
HST	13%		\$ 8.40	13%		\$ 8.40	\$ 0.00	0.04%
Ontario Electricity Rebate	18.9%		\$ (12.21)	18.9%		\$ (12.21)	\$ (0.00)	
Total Bill on TOU			\$ 60.77			\$ 60.79	\$ 0.02	0.04%

In the manager's summary, discuss the reas
In the manager's summary, discuss the reas

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	\$ 39.03	1	\$ 39.03	\$ 39.89	1	\$ 39.89	\$ 0.86	2.20%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
DRP Adjustment	\$ -	750	\$ (2.17)	\$ (0.05)	750	\$ (3.03)	\$ (0.86)	39.63%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.05)	1	\$ (0.05)	\$ (0.05)	-
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 36.86			\$ 36.81	\$ (0.05)	-0.14%
Line Losses on Cost of Power	\$ 0.1060	52	\$ 5.52	\$ 0.1060	52	\$ 5.52	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	750	\$ 0.75	\$ 0.0004	750	\$ 0.30	\$ (0.45)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	750	\$ (0.08)	\$ 0.0001	750	\$ (0.08)	\$ -	0.00%
GA Rate Riders	\$ 0.0024	750	\$ 1.80	\$ 0.0002	750	\$ 0.15	\$ (1.65)	-91.67%
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)			\$ 46.62			\$ 44.47	\$ (2.15)	-4.61%
RTSR - Network	\$ 0.0077	802	\$ 6.18	\$ 0.0084	802	\$ 6.74	\$ 0.56	9.09%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0030	802	\$ 2.41	\$ 0.0032	802	\$ 2.57	\$ 0.16	6.67%
Sub-Total C - Delivery (including Sub-Total B)			\$ 55.20			\$ 53.78	\$ (1.43)	-2.59%
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	\$ 0.1060	750	\$ 79.50	\$ 0.1060	750	\$ 79.50	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 137.83			\$ 136.40	\$ (1.43)	-1.04%
HST	13%		\$ 17.92	13%		\$ 17.73	\$ (0.19)	-1.04%
Ontario Electricity Rebate	18.9%		\$ (26.05)	18.9%		\$ (25.78)	\$ (0.27)	-1.04%
Total Bill on Non-RPP Avg. Price			\$ 155.75			\$ 154.14	\$ (1.61)	-1.04%

In the manager's summary, discuss the reasons for the change in the distribution rate.

In the manager's summary, discuss the reasons for the change in the delivery rate.

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	\$ 34.00	1	\$ 34.00	\$ 34.75	1	\$ 34.75	\$ 0.75	2.21%
Distribution Volumetric Rate	\$ 0.0190	2000	\$ 38.00	\$ 0.0194	2000	\$ 38.80	\$ 0.80	2.11%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0001	2000	\$ (0.20)	\$ (0.20)	
Sub-Total A (excluding pass through)			\$ 72.00			\$ 73.35	\$ 1.35	1.88%
Line Losses on Cost of Power	\$ 0.1034	139	\$ 14.35	\$ 0.1034	139	\$ 14.35	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	2,000	\$ 2.00	\$ 0.0004	2,000	\$ 0.80	\$ (1.20)	-60.00%
CBR Class B Rate Riders	\$ 0.0001	2,000	\$ (0.20)	\$ 0.0001	2,000	\$ (0.20)	\$ -	0.00%
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)			\$ 91.72			\$ 91.87	\$ 0.15	0.16%
RTSR - Network	\$ 0.0073	2,139	\$ 15.61	\$ 0.0080	2,139	\$ 17.11	\$ 1.50	9.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0028	2,139	\$ 5.99	\$ 0.0029	2,139	\$ 6.20	\$ 0.21	3.57%
Sub-Total C - Delivery (including Sub-Total B)			\$ 113.33			\$ 115.19	\$ 1.86	1.64%
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	\$ 0.0820	1,280	\$ 104.96	\$ 0.0820	1,280	\$ 104.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	360	\$ 40.68	\$ 0.1130	360	\$ 40.68	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 328.76			\$ 330.62	\$ 1.86	0.57%
HST	13%		\$ 42.74	13%		\$ 42.98	\$ 0.24	0.57%
Ontario Electricity Rebate	18.9%		\$ (62.14)	18.9%		\$ (62.49)	\$ (0.35)	
Total Bill on TOU			\$ 309.36			\$ 311.11	\$ 1.75	0.57%

In the manager's summary, discuss the reas

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	\$ 205.17	1	\$ 205.17	\$ 209.68	1	\$ 209.68	\$ 4.51	2.20%
Distribution Volumetric Rate	\$ 1.1826	214	\$ 253.08	\$ 1.2086	214	\$ 258.64	\$ 5.56	2.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	214	\$ -	\$ 0.0030	214	\$ (0.64)	\$ (0.64)	
Sub-Total A (excluding pass through)			\$ 458.25			\$ 467.68	\$ 9.43	2.06%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.3644	214	\$ 77.98	\$ 0.1378	214	\$ 29.49	\$ (48.49)	-62.18%
CBR Class B Rate Riders	\$ 0.0296	214	\$ (6.33)	\$ 0.0208	214	\$ (4.45)	\$ 1.88	-29.73%
GA Rate Riders	\$ 0.0024	66,088	\$ 158.61	\$ 0.0002	66,088	\$ 13.22	\$ (145.39)	-91.67%
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)			\$ 803.57			\$ 621.00	\$ (182.57)	-22.72%
RTSR - Network	\$ 2.9230	214	\$ 625.52	\$ 3.2000	214	\$ 684.80	\$ 59.28	9.48%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1033	214	\$ 236.11	\$ 1.1613	214	\$ 248.52	\$ 12.41	5.26%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,665.20			\$ 1,554.32	\$ (110.88)	-6.66%
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	\$ 0.1060	70,675	\$ 7,491.50	\$ 0.1060	70,675	\$ 7,491.50	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 9,432.33			\$ 9,321.45	\$ (110.88)	-1.18%
HST	13%		\$ 1,226.20	13%		\$ 1,211.79	\$ (14.41)	-1.18%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 10,658.53			\$ 10,533.24	\$ (125.30)	-1.18%

In the manager's summary, discuss the reas

In the manager's summary, discuss the reas



File Number: EB-2021-0047

Exhibit: 1

Tab: 2

Schedule: 1

Date Filed: November 24, 2021

Appendix 5 of 5

Appendix 5 – 2022 IRM Checklist

2022 IRM Checklist

Northern Ontario Wires Inc.

EB-2021-0047

Date: November 24, 2021

Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
3.1.2 Components of the Application Filing		
2	Manager's summary documenting and explaining all rate adjustments requested	E1\T1\S5
2	Contact info - primary contact may be a person within the distributor's organization other than the primary license contact	E1\T1\S2, #7
3	Completed Rate Generator Model and supplementary work forms, Excel and PDF	E1\T2\S1 Appendix 2, 3
3	Current tariff sheet, PDF	E1\T2\S1 Appendix 1
3	Supporting documentation (e.g. relevant past decisions, RRWF etc.)	E1\T1\S5
3	Statement as to who will be affected by the application, specific customer groups affected by particular request	E1\T1\S5, pg 2, l 27
3	Distributor's internet address	E1\T1\S4
3	Statement confirming accuracy of billing determinants pre-populated in model	E1\T1\S5, pg 2, l 21-22
3	Text searchable PDF format for all documents	Done
3	An Excel version of the IRM Checklist	Done
3.2.2 Revenue to Cost Ratio Adjustments		
6	Revenue to Cost Ratio Adjustment Workform, if distributor is seeking revenue to cost ratio adjustments due to previous OEB decision	N/A
3.2.3 Rate Design for Residential Electricity Customers		
Applicable only to distributors that have not completed the residential rate design transition		
7	A plan to mitigate the impact for the whole residential class or indicate why such a plan is not required, if the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile	N/A - Fully implemented
7	Mitigation plan if total bill increases for any customer class exceed 10%	N/A - Fully implemented
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		
8	Justification if any account balance in excess of the threshold should not be disposed	N/A
8	Completed Tab 3 - continuity schedule in Rate Generator Model	E1\T2\S1 Appendix 2
8 - 9	If Group 1 balances were last approved on an interim basis and adjustments have been made to the approved balances, a distributor needs to complete the continuity schedule starting from the last balances approved on a final basis	N/A
9	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	E1\T1\S5 pg 7 l23
9	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis; If so, 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\S5 pg 7 l17
9 - 10	Rate riders proposed for recovery or refund of balances that are proposed for disposition. The default disposition period is one year. Justification with proper supporting information is required if distributor is proposing an alternative recovery period	E1\T1\S5 pg 7 l8
3.2.5.1 Wholesale Market Participants		
10	Separate rate riders established to recover balances in RSVAs from Wholesale Market Participants, who must not be allocated balances related to charges for which WMPs settle directly with the IESO	N/A
3.2.5.2 Global Adjustment		
11	Separate GA rate rider established (variable charge) applicable to Non-RPP Class B customers when clearing balances in the GA Variance Account	E1\T2\S1 Appendix 2
11	Populated GA Analysis Workform for each year that has not previously been approved by the OEB for disposition, irrespective of whether seeking disposition of the Account 1589 balance as part of current application. If adjustments were made to an Account 1589 balance that was previously approved on an interim basis, the GA Analysis Workform is required to be completed for each year after the distributor last received final disposition for Account 1589	E1\T2\S1 Appendix 3
3.2.5.3 Commodity Accounts 1588 and 1589		
12	Confirmation of implementation of the OEB's February 21, 2019 guidance effective from January 1, 2019 when requesting final disposition for the first time following implementation of the Accounting Guidance	E1\T1\S5 pg 6 l16
12	Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Accounting Guidance, summary provided of the review performed. Distributors must discuss the results of review, whether any systemic issues were noted, and whether any material adjustments to the account balances have been recorded. A summary and description is provided for each adjustment made to the historical balances	E1\T1\S5 pg 6 l21
13	Certification of Evidence - 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\S5 pg 8 l8
3.2.5.4 Capacity Based Recovery (CBR)		
13 - 14	Disposition proposed for 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 Rate Generator model, distributors must indicate whether they had Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated - For disposition of Account 1580 sub-account CBR Class A, distributors must follow the OEB's CBR accounting guidance, which results in balances disposed outside of a rate proceeding - The Rate Generator model allocates the portion of Account 1580 sub-account CBR Class B to customers who transitioned between Class A and Class B based on consumption	E1\T2\S1 Appendix 2
3.2.5.5 Disposition of Account 1595		
14	Confirmation that residual balances in Account 1595 Sub-accounts for each vintage year have only been disposed once	E1\T1\S5 pg 7 l20
15	Account 1595 Analysis Workform completed for distributors who meet the requirements for disposition of residual balances in 1595 sub-accounts (and are seeking disposition)	N/A
15	Detailed explanations provided for any significant residual balances attributable to specific rate riders for each customer rate class, including for example, differences between forecast and actual volumes	N/A
3.2.6 Lost Revenue Adjustment Mechanism Variance Account		
16	Completed latest version of LRAMVA Workform in a working Excel file when making LRAMVA requests for remaining amounts related to CFF activity	N/A
18	Final Verified Annual Reports if LRAMVA balances are being claimed from CDM programs delivered in 2017 or earlier. Participation and Cost reports in Excel format, made available by the IESO, provided to support LRAMVA balances for programs delivered after January 1, 2018	N/A
18	Meet the OEB's requirements related to personal information and commercially sensitive information as stated in the Filing Requirements	N/A
19	Statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition	N/A
19	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	N/A
20	Summary table with principal and carrying charges by rate class and resulting rate riders	N/A
20	Statement providing the proposed disposition period; rationale provided for disposing the balance in the LRAMVA if significant rate rider is not generated for one or more customer classes	N/A
20	Statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used	N/A
20	Rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form)	N/A
20	Statement confirming whether additional documentation was provided in support of projects that were not included in distributor's final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable) For a distributor's strengthening 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.	N/A
20 - 21	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 bulbs replaced or retrofitted through the IESO program o A table, in live excel format, that shows the monthly breakdown of billed demand over the period of the street light upgrade project, and the detailed calculations of the change in billed demand due to the street light upgrade project (including data on number of bulbs, type of bulb replaced or retrofitted, average demand per bulb)	N/A
21	For the recovery of lost revenues related to demand savings from other programs that are not included in the monthly Participation and Cost Reports of the IESO (for example Combined Heat and Power projects), distributors should provide the following information: o The third party evaluation report that describes the methodology to calculate the demand savings achieved for the program year. In particular, if the proposed methodology is different than the evaluation approaches used by the IESO, an explanation must be provided explaining why the proposed approach is more appropriate o Rationale for net-to-gross assumptions used o Breakdown of billed demand and detailed level calculations in live excel format	N/A
3.2.7 Tax Changes		
22	Tabs 8 and 9 of Rate Generator model are completed, if applicable	E1\T2\S1 Appendix 2
22	If a rate rider to the fourth decimal place is not generated for one or more customer classes, the entire sharing tax amount is be transferred to Account 1595 for disposition at a future date	E1\T1\S5 pg 3
3.2.8 Z-Factor Claims		
23	To be eligible for a Z-factor claim, a distributor must demonstrate that its achieved regulatory return on equity (ROE), during its most recently completed fiscal year, does not exceed 300 basis points above its deemed ROE embedded in its base rates	N/A
23	Evidence that costs incurred meet criteria of causation, materiality and prudence	N/A

2022 IRM Checklist

Northern Ontario Wires Inc.

EB-2021-0047

Date: November 24, 2021

Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
23 - 24	In addition, the distributor must: - Notify OEB by letter of all Z-Factor events within 6 months of event - Apply to OEB for any cost recovery of amounts in the 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 - Provide the distributor's achieved regulatory ROE for the most recently completed fiscal year	N/A
3.2.8.2 Z-Factor Accounting Treatment		
24	Eligible Z-factor cost amounts are recorded in Account 1572, Extraordinary Event Costs. Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate sub-accounts of this account	N/A
3.2.8.3 Recovery of Z-Factor Costs		
24	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	N/A
24	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rational for proposal	N/A
24	Residential rate rider to be proposed on fixed basis	N/A
24	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	N/A
3.2.9 Off-Ramps		
24	If a distributor whose earnings are in excess of the dead band nevertheless applies for an increase to its base rates, it needs to substantiate its reasons for doing so	N/A
24 - 25	A distributor is expected to file its regulated ROE, as was filed for 2.1.5.6 of the RRR. However, if in the distributor's view this ROE has been affected by out-of-period or other items (for example, revenues or costs that pertain to a prior period but recognized in a subsequent one), it may also file a proposal to normalize its achieved regulated ROE for those impacts, for consideration by the OEB.	N/A
3.3.1 Advanced Capital Module		
4	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	N/A
26	Evidence of passing "Means Test"	N/A
26	Information on relevant project's (or projects') updated cost projections, confirmation that the project(s) are on schedule to be completed as planned and an updated ACM/ICM module in Excel format	N/A
26	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required	N/A
26	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		
3.3.2.1 ICM Filing Requirements		
	The following should be provided when filing for incremental capital:	
4	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	N/A
28	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
28	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
28	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
28	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
28	Details by project for the proposed capital spending plan for the expected in-service year	N/A
28	Description of the proposed capital projects and expected in-service dates	N/A
28	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	N/A
29	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
29	Description of the actions the distributor would take in the event that the OEB does not approve the application	N/A
29	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
29	An updated DSP is required for any ICM request that is filed beyond the five-year horizon of the distributor's current DSP. Any ICM request that involves a significant increase to a capital budget may need to be supported by a DSP along with customer engagement analysis	N/A