



# MILTON HYDRO DISTRIBUTION INC.

200 Chisholm Drive, Milton, Ontario, L9T 3G9

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August 12, 2021

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

**Re: Milton Hydro Distribution Inc. ED-2003-0014**  
**OEB File No. EB-2021-0042**  
**2022 IRM Rate Application**

Please find attached Milton Hydro's 2022 Price Cap IR Distribution Rate Application. The application includes an electronic filing through the Board's web portal (RESS) and is comprised of:

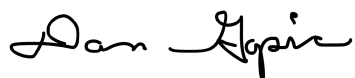
- Complete copy of the application in PDF form
- Excel version of the 2022 IRM Rate Generator model
- Excel version of the GA Analysis Workform
- Excel version of the 1595 Analysis Workform
- Excel version of the calculations of the Rate Rider for Rate Year Alignment
- Excel version of the Low Voltage Service Rate calculations
- Excel version of the LRAMVA Work Form and the following CDM related reports:
  - 2011 - 2014 Final Results Report
  - 2017 Final Results Report
  - April 2019 Participation and Cost Report
  - 2011-2015 CDM Program Persistence Report
- Excel version of the IRM Checklist

Over the past month Milton Hydro communicated with OEB staff advising that it was considering filing an earlier application because of a potential need to align its rate year with its fiscal year. Then subsequently on August 5<sup>th</sup> Milton Hydro communicated to the OEB that since Milton Hydro completed the OEB IRM survey, that new information has become available and now the company needs to make some changes to what it originally intended to file with its 2022 IRM Rate Application.

In this application, Milton Hydro is requesting the alignment of its rate year to its fiscal year, and is proposing an adjustment to the Low Voltage Service Rates which were originally approved by the OEB in Milton Hydro's 2016 Cost of Service Rate Application. Milton Hydro is aware that both of these items are typically dealt with as part of a Cost of Service Rate Application. This application outlines the benefits of the proposals to Milton Hydro's customers and to Milton Hydro, and the plan to address any financial impacts to Milton Hydro's customers. In addition, Milton Hydro is bringing forward a request for the disposition of the LRAM-VA account balance as of the end of 2020.

As a result, Milton Hydro is filing its 2022 IRM Rate Application with Tranche 1 of the Distributor Rate Application Filing schedule due to the nature of its rate application, with a deadline of August 18, 2021.

This application is respectfully submitted. Please contact me if you have any questions.

A handwritten signature in black ink that reads "Dan Gopic". The signature is written in a cursive, flowing style.

Dan Gopic CPA, CMA  
Director, Regulatory Affairs  
Milton Hydro Distribution Inc.

# **2022** **IRM** APPLICATION

**MILTON HYDRO DISTRIBUTION INC.**

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**2022 Incentive Rate Mechanism (IRM) Application**



**EB-2021-0042**  
**AUGUST 2021**



**IN THE MATTER OF** the Ontario Energy Board Act, 1998, being Schedule B to the Energy Competition Act, 1998, S.O. 1998, c.15;

**AND IN THE MATTER OF** an Application by Milton Hydro Distribution Inc. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity as of January 1, 2022.

**MILTON HYDRO DISTRIBUTION INC. (“Milton Hydro”)**

**APPLICATION FOR APPROVAL OF 2022 ELECTRICITY  
DISTRIBUTION RATES**

**EB-2021-0042**

**MANAGER’S SUMMARY**

**Filed: August 12, 2021**

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1     **APPLICATION FOR APPROVAL OF 2022 ELECTRICITY DISTRIBUTION RATES**

2   **MANAGER’S SUMMARY**

3     **3.1     INTRODUCTION**

4         (a)     The Applicant is Milton Hydro Distribution Inc. (“Milton Hydro”). Milton Hydro is a  
5                 corporation incorporated pursuant to the *Ontario Business Corporations Act* with its  
6                 head office in the Town of Milton. Milton Hydro carries on the business of distributing  
7                 electricity within the Town of Milton and contiguous distributors as set out in  
8                 Schedule 1 of its Electricity Distribution Licence ED-2003-0014. Milton Hydro  
9                 delivers electricity to approximately 41,000 customers within its service territory.

10        (b)     Milton Hydro hereby applies to the Ontario Energy Board (the "OEB") pursuant to  
11                 section 78 of the *Ontario Energy Board Act, 1998* as amended (the "OEB Act") for  
12                 approval of its proposed distribution rates and other charges, effective January 1,  
13                 2022, pursuant to the OEB’s Price Cap Incentive Rate Index rate-setting  
14                 methodology (“Price Cap IR”) under the 4<sup>th</sup> Generation Incentive Regulation  
15                 Mechanism (IRM).

16        (c)     **Chapter 3 of the Filing Requirements** – For the most part, Milton Hydro has  
17                 followed the instructions provided in Chapter 3 of the Filing Requirements for  
18                 Electricity Distribution Rate Applications – 2021 Edition for 2022 Rate Applications  
19                 (“the Filing Requirements”) issued June 24, 2021; the Report of the Board on  
20                 Electricity Distributors’ Deferral and Variance Account Review Initiative (“the  
21                 EDDVAR Report”) issued July 31, 2009; and the Electricity Distribution Retail  
22                 Transmission Service Rates Guideline G-2008-0001, Revision 4.0, issued June 28,  
23                 2012 (“RTSR Guidelines”). In addition, Milton Hydro confirms the following:

24                 (i)     Milton Hydro acknowledges that it departed from Chapter 3 of the Filing  
25                         Requirements in this rate application in the following two areas and  
26                         provides reasons and evidence for this departure in the respective  
27                         sections:

28                         (1)     **Proposed Change in Rate Year (Effective Date of Rate**  
29   **Order).** In this application Milton Hydro is requesting to align its  
30   rate year with its fiscal year. Milton Hydro requests that the OEB



1 approve a January 1 rate year and accordingly set approved  
2 2022 rates with an effective date of January 1, 2022. This  
3 proposal and supporting evidence is discussed further in sub  
4 section 3.4.1.

5 (2) **Request to update its Low Voltage Service Rates.** The  
6 proposal and supporting evidence is discussed further in sub  
7 section 3.4.2.

8 (ii) Milton Hydro has completed its implementation of the OEB's Accounting  
9 Guidance<sup>1</sup>, made updates to its Group 1 account balances, and  
10 performed a review of this guidance, in the context of its 2016 to 2020  
11 net principal transactions for consideration by the OEB in the current  
12 IRM Rate Application for 2022 Rates.

13 (iii) Milton Hydro has verified the accuracy of the billing determinants that  
14 were pre-populated in the models.

15 (iv) It has completed the 2022 IRM Rate Generator Model which is filed in  
16 both Excel and Adobe PDF format.

17 (v) It has completed the GA Analysis Workform for 2016 to 2020 which is  
18 filed in both Excel and Adobe PDF format.

19 (vi) It has completed the 1595 Analysis Workform for 2016 and 2017 which  
20 is filed in both Excel and Adobe PDF format.

21 **(d) Relief Sought**

22 Milton Hydro hereby applies for an Order or Orders approving the proposed  
23 distribution rates for all rate classes adjusted in accordance with Chapter 3 of the  
24 Filing Requirements dated June 24, 2021, and including the following:

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<sup>1</sup> OEB Accounting Guidance issued February 21, 2019 - Accounting Guidance related to Accounts 1588  
RSVA Power and 1589 RSVA Global Adjustment.



- 1 (1) Rate Order Implementation and Effective Date change to January  
2 1, 2022 and associated Rate Rider for Rate Year Alignment,  
3 supported with evidence as provided in sub section 3.4.1.
- 4 (2) An adjustment to the approved Retail Transmission Service Rates  
5 (“RTSRs”) as provided in the Guideline G-2008-0001 – Electricity  
6 Distribution Retail Transmission Service Rates (dated October 22,  
7 2008) and subsequent revisions and updates to the Uniform  
8 Transmission Rates (“UTRs”) and as supported by the completion  
9 of the related sections of the OEB issued 2022 IRM Rate  
10 Generator Model.
- 11 (3) Rate riders to address the disposition of LRAMVA account 1568  
12 for \$1,150,011. In this application Milton Hydro is proposing to  
13 dispose of the impact of the persistence of savings from 2011 to  
14 2014 programs in 2015, as well as the savings from 2015 to 2020  
15 CDM Programs and their persistence to the end of 2020, plus  
16 carrying charges to the end of December 31, 2021, as supported  
17 with evidence provided sub section 3.2.6.
- 18 (4) Updates to the Low Voltage Service Rates effective January 1,  
19 2022 supported with evidence as provided in sub section 3.4.2.
- 20 (5) Rate Riders for the disposition of Group 1 DVA account balances  
21 as of December 31, 2020, plus carrying charges to the end of  
22 December 31, 2021, as supported with evidence as provided in  
23 sub section 3.2.5.
- 24 (e) Milton Hydro has provided a copy of its Approved 2021 Tariff of Rates and Charges  
25 as Appendix B and its proposed 2022 Tariff of Rates and Charges as Appendix C.
- 26 (f) Milton Hydro has provided additional information in its 2022 Electricity Distribution  
27 Rate Application (“the Application”) where Milton Hydro has determined that such  
28 information may be helpful to the OEB.



- 1 (g) Milton Hydro has provided the Certification of Evidence – Igor Rusic, Vice President  
2 Finance, as Appendix A.
- 3 (h) Milton Hydro will post its 2022 IRM Application and related information as required  
4 by the OEB on its website [www.miltonhydro.com](http://www.miltonhydro.com).
- 5 (i) **Who is affected by this application** - Milton Hydro distributes electricity to  
6 approximately 41,000 residential and commercial customers (including general  
7 service, unmetered scattered loads, sentinel light, and street light customer classes)  
8 within its regulated service areas in the Town of Milton.

9

10 **Contact Information**

11 Milton Hydro Distribution Inc.  
12 200 Chisholm Drive  
13 Milton, Ontario  
14 L9T 3G9

15  
16 President and CEO:

17 Mr. Troy Hare  
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21  
22

23 Vice President, Finance:

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28

29 Primary Application Contact:

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33 Fax: 905-876-2044  
34 E-mail: [dangopic@miltonhydro.com](mailto:dangopic@miltonhydro.com)

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1 **PREVIOUS OEB DECISIONS**

2 In the OEB’s findings regarding Milton Hydro’s 2021 IRM rate application, the OEB’s decision<sup>2</sup>  
3 stated that:

4 *“The OEB is confirming the same expectation in this decision that it previously established*  
5 *in Milton Hydro’s 2020 IRM decision. Milton Hydro is expected to complete its*  
6 *implementation of the OEB’s Accounting Guidance, including a review of this guidance in*  
7 *the context of its 2017 to 2020 Group 1 account balances, for consideration by the OEB*  
8 *in Milton Hydro’s application for 2022 rates.”*

9 Currently in this application, Milton Hydro provides an update to the OEB that Milton Hydro has  
10 completed the work required to comply with the OEB’s findings in the decision on Milton Hydro’s  
11 previous IRM rate application. Milton Hydro discusses these matters further below in sub section  
12 3.2.5.3 Commodity Accounts 1588 and 1589.

13

14 **3.2 PROPOSED DISTRIBUTION RATES AND OTHER CHARGES**

15 **3.2.1 PRICE CAP ADJUSTMENT**

16 Milton Hydro seeks to increase its rates, effective January 1, 2022, based on a mechanistic rate  
17 adjustment using the OEB-approved inflation minus X-factor formula applicable to Price Cap IR  
18 applications. As the OEB has not issued the GDP-IPI inflation factor for use in the 2022 IRM Rate  
19 Generator model at the time of its issue, the OEB has used the 2021 GDP-IPI inflation factor of  
20 2.20% as a placeholder subject to update once the OEB issues the GDP-IPI inflation factor for  
21 2022 IRM Filers. Moreover, since the OEB has not released the Pacific Economic Group (“PEG”)  
22 Report for 2021 at the time of issuing the 2022 IRM Rate Generator Model, Milton Hydro has used  
23 the X-factor of 0.15 % from the August 2020 PEG Report as a placeholder subject to update once  
24 the OEB issues the PEG Report for 2022 IRM Filers. The OEB traditionally update the utility  
25 specific IRM Rate Generator Models for the final approved IRM Inflation Factor, and utility specific  
26 X-factors once these model parameters become available. Milton Hydro requests that the OEB  
27 update the Milton Hydro 2022 Rate Generator Model when this information becomes available  
28 accordingly.

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<sup>2</sup> EB-2020-0039 OEB Decision, dated March 25, 2021



1 **3.2.1.1 APPLICATION OF THE ANNUAL ADJUSTMENT MECHANISM**

2 The annual adjustment mechanism will apply to distribution rates (fixed and variable charges)  
3 uniformly across customer rate classes.

4 The annual adjustment mechanism will not be applied to the following components of delivery  
5 rates:

- 6 • Rate Adders
- 7 • Rate Riders
- 8 • Low Voltage Service Charges
- 9 • Retail Transmission Service Rates
- 10 • Wholesale Market Service Rate
- 11 • Rural and Remote Rate Protection Benefit and Charge
- 12 • Standard Supply Service – Administrative Charge
- 13 • Capacity Based Recovery
- 14 • MicroFIT Service Charge
- 15 • Specific Service Charges
- 16 • Transformation and Primary Metering Allowances
- 17 • Smart Metering Entity Charge

18

19 **3.2.2 REVENUE TO COST RATIO ADJUSTMENT**

20 Milton Hydro is not proposing to adjust the revenue-to-cost ratios and therefore has not completed  
21 the 2022 IRM Revenue to Cost Ratio Adjustment Model.

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23 **3.2.3 RATE DESIGN FOR RESIDENTIAL CUSTOMERS**

24 Milton Hydro transitioned to the 100% fixed monthly distribution charge for the Residential  
25 customer class in it's 2019 IRM Rate Application.

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1 **3.2.4 PROPOSED RETAIL TRANSMISSION SERVICE RATES**

2 Milton Hydro has populated Tab 10. RTSR Current Rates with data from Milton Hydro’s 2020  
 3 RRR filing and its Loss Factor as approved in Milton Hydro’s 2016 Cost of Service Rate  
 4 Application. There are no rate classes that have more than one Network or Connection charge.

5 The Transmission Network and Connection rates included in Tab 11. RTSR – UTRs & Sub-Tx of  
 6 the model are those rates charged by the Independent Electricity System Operator (“IESO”) for  
 7 2020 and 2021; Hydro One Networks Inc. (“Hydro One”) approved rates for 2020, January 1 to  
 8 June 30, 2021, and July 1 to December 31, 2021; and Oakville Hydro Electricity Distribution Inc.  
 9 (“Oakville Hydro”) OEB-Approved rates for 2020 and 2021.

10 Milton Hydro has updated the 2022 IRM Rate Generator Model, Tab 12. RTSR – Historical  
 11 Wholesale, with the billing detail for wholesale transmission from the IESO, Hydro One and  
 12 Oakville Hydro.

13 Milton Hydro provides a comparison of the existing RTSRs and proposed RTSRs in the following  
 14 summary:

Customer Class	\$/Unit	2021 Approved		2022 Proposed	
		Network	Connection	Network	Connection
Residential	\$/kWh	0.0086	0.0066	0.0090	0.0067
General Service Less Than 50 kW	\$/kWh	0.0078	0.0059	0.0081	0.0060
General Service 50 to 999 kW	\$/kW	3.5064	2.6794	3.6525	2.7264
General Service 1,000 to 4,999 kW	\$/kW	3.4485	2.6358	3.5922	2.6821
Large Use	\$/kW	3.7344	2.9477	3.8900	2.9994
Unmetered Scattered Load	\$/kWh	0.0078	0.0059	0.0081	0.0060
Sentinel Lighting	\$/kW	2.3871	1.8403	2.4866	1.8726
Street Lighting	\$/kW	2.3747	1.8024	2.4736	1.8340

15  
 16 Milton Hydro understands that in the event the Uniform Transmission Rates (“UTR”), Hydro One’s  
 17 or Oakville Hydro’s transmission rates change effective January 1, 2022, OEB staff will adjust the  
 18 2022 IRM Rate Generator Model accordingly to reflect the impacts of any changes in the UTRs,  
 19 or other distributors host transmission rates, on Milton Hydro’s proposed RTSRs.

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1 **3.2.5 REVIEW AND DISPOSITION OF GROUP 1 DEFERRAL AND VARIANCE ACCOUNT BALANCES**

2 Milton Hydro's Group 1 Deferral and Variance Account balances filed in this 2022 IRM Application  
3 total a credit balance of \$745,755 equivalent to (\$0.0008) per kWh, as calculated in "Tab 4. Billing  
4 Det. for Def-Var" in the 2022 IRM Rate Generator Model. The Threshold Test calculation outlined  
5 in the EDDVAR Report is +/- \$0.001 per kWh. Milton Hydro's total Group 1 Deferral and Variance  
6 Account balances do not meet the threshold test; however, currently, Milton Hydro is requesting  
7 to dispose of the Group 1 balances, as a number of account balances have been outstanding for  
8 a number of years, and Milton Hydro proposes to use the associated credit rate riders to help  
9 offset some of the other debit rate riders Milton Hydro is proposing in this rate application. Milton  
10 Hydro is proposing to increase its Low Voltage Service Rates and it is also seeking to recover  
11 amounts pertaining to a debit balance of Account 1568 LRAM-VA for 2020 of \$1,150,011. The  
12 credit rate rider for the Group 1 account balances will help mitigate the bill impact of the other two  
13 rate riders and this will allow for more bill stability when implementing the 2022 Rate Order.

14 Milton Hydro confirms that no adjustments were made to its Group 1 DVA Account balances that  
15 were previously approved by the OEB on a final basis. The adjustments that Milton Hydro has  
16 made to its Group 1 DVA account balances were to vintage account balances that were either  
17 approved by the OEB previously on an interim basis, or were not approved for disposition by the  
18 OEB at all in any prior rate proceeding.

19 Milton Hydro is working with its vendor to fully automate its end to end RPP Settlement process  
20 to gain efficiencies, further enhance the precision of its process, and continue to make its controls  
21 more robust.

22 **RECONCILIATION OF 2.1.7 RRR TO DVA CONTINUITY SCHEDULE.**

23 The following schedule provides an explanation of the variances identified in the Rate Generator  
24 model on the Tab 3. Continuity Schedule.

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Reconciliation of Variance between DVA Continuity Schedule & RRR

Account Descriptions	Account Number	2.1.7 RRR <sup>5</sup>	
		As of Dec 31, 2020	Variance RRR vs. 2020 Balance (Principal + Interest)
<b>Group 1 Accounts</b>			
LV Variance Account	1550	800,677	1
Smart Metering Entity Charge Variance Account	1551	(58,134)	2
RSVA - Wholesale Market Service Charge <sup>2</sup>	1580	(929,423)	1,501,938
Variance WMS - Sub-account CBR Class A <sup>1</sup>	1580	0	(0)
Variance WMS - Sub-account CBR Class B <sup>1</sup>	1580	(145,738)	0
RSVA - Retail Transmission Network Charge	1584	304,188	1
RSVA - Retail Transmission Connection Charge	1586	31,757	(1)
RSVA - Power <sup>4</sup>	1588	(2,291,855)	(3,301,767)
RSVA - Global Adjustment <sup>4</sup>	1589	885,547	1,173,307
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595	0	(0)
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	1,045	(1)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	33,596	0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0	0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	(98,982)	1
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0	0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595	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
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	885,547	1,173,307
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		(2,207,131)	(1,592,511)
<b>Total Group 1 Balance requested for disposition</b>		(1,321,584)	(419,205)
<b>RSVA - Global Adjustment</b>			
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>			
<b>Total Group 1 Balance</b>		(\$1,321,584)	(1,150,011)
<b>LRAM Variance Account (only input amounts if applying for disposition of this a</b>	<b>1568</b>		(1,150,011)
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		(1,321,584)	(1,569,216)

4

Milton Hydro confirms that year end balances agree, to what was filed by Milton Hydro in its Reporting and Record Keeping Requirements for the 2.1.7 Trial Balance with three exceptions. Account 1580, Account 1588 and account 1589. The differences pertain to the corrections made to the Group 1 DVA Accounts, and to out of period temporary timing differences that Milton Hydro made Principal Adjustments for in the DVA Continuity Schedule.

10

Milton Hydro explains each of the variances by account below:

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1 **Account 1568 LRAM-VA:**

2 The amount of \$1,150,011 is the balance relating to principal and interest to the end of 2020 plus  
 3 carrying charges for 2021.

4

5 **Account 1580 RSVA<sub>wms</sub>:**

6 The Variance related to this account is made up of the following components:

1. Correction to General Ledger allocation regarding IESO Charge Type 102 which was incorrectly credited to account 4705 Power Purchases. Correction recorded in General Ledger in August 2021.	(\$1,567,281)
2. Correction of Host Distributor GA Rate Rider Charges Recorded to WMS Account in Error in 2017. Correction recorded in General Ledger in August 2021.	(\$ 80,033)
3. Correction to Oakville Hydro Host Distributor Bill G/L Allocation Error in 2017. Correction recorded in General Ledger in August 2021.	(\$ 361)
4. Difference related to Account 1580 RSVA Wholesale Market Service charge amount recorded both at the sub-account level and control account level in the IRM Rate Generator Model.	<u>\$ 145,738</u>
<b>Total</b>	<u>(\$1,501,938)</u>

7

8 **Account 1588 RSVA<sub>Power</sub>:**

9 The Variance related to this account is made up of the following components:

1. Correction of GA. Transferred from account 4707 Charges - Global Adjustment to the 4705 Power Purchased account. Correction Recorded in General Ledger in August 2021.	\$1,424,006
2. RPP Settlement Corrections from 2016 to 2020. Settlement Adjustment with IESO to be made in August 2021.	\$ 185,999
3. Correction to General Ledger allocation regarding IESO Charge Type 102 which was incorrectly credited to account 4705 Power Purchases. Correction recorded in General Ledger in August 2021.	\$1,567,281
4. Accrual of Temporary timing difference related to payments to Embedded Generators in 2021 relating to 2020.	\$ 124,121
5. Correction to Oakville Hydro Host Distributor Bill G/L Allocation Error in 2017. Correction recorded in General Ledger in August 2021.	<u>\$ 361</u>
<b>Total</b>	<u>\$3,301,767</u>

10



1 **Account 1589 RSVA<sub>GA</sub>:**

2 The Variance related to this account is made up of the following components:

1. Correction of GA. Transferred from account 4707 Charges - Global Adjustment to the 4705 Power Purchased account. Correction Recorded in General Ledger in August 2021.	(\$1,424,006)
2. Correction of Host Distributor GA Rate Rider Charges Recorded to WMS Account in Error in 2017. Correction recorded in General Ledger in August 2021.	\$ 80,033
3. Accrual of Temporary timing difference related to Elimination of GA True-Up Accruals	<u>\$ 170,667</u>
Total	<u>(\$1,173,307)</u>

3

4 **3.2.5.1 WHOLESALE MARKET PARTICIPANTS**

5 Milton Hydro has two wholesale market participants (“WMP”) that participate directly in the  
 6 Independent Electricity System Operator (“IESO”) administered market. Milton Hydro does  
 7 not allocate balances to WMP customers from Uniform System of Account (USoA), USoA  
 8 1580 RSVA - Wholesale Market Services Charge, USoA 1580 Variance WMS, Sub-Account  
 9 CBR Class B, USoA 1588 RSVA - Power, and USoA 1589 RSVA - Global Adjustment. The  
 10 pass-through accounts that are typically allocated to the WMPs include USoA 1584 RSVA –  
 11 Retail Transmission Network Charge, USoA 1586 RSVA – Retail Transmission Connection  
 12 Charge and USoA 1595 – Disposition/Refund of Regulatory Balances. Currently the Group 1  
 13 DVAs are being requested for disposition. Milton Hydro has used the mechanics of the IRM  
 14 Rate Generator Model to ensure that the rate riders are appropriately calculated for the  
 15 WMPs.

16

17 **3.2.5.2 GLOBAL ADJUSTMENT**

18 **Class A Customers**

19 Class A customers are billed their share of the actual Global Adjustment, charged by the IESO,  
 20 based on their individual Peak Demand Factor and as such the balance in USoA 1589 RSVA –  
 21 Global Adjustment for Class A customers is zero.

22 **Class B Customers**

23 Milton Hydro’s non-RPP Class B customers are billed using the IESO’s Global Adjustment First  
 24 (1<sup>st</sup>) Estimate. The billed amounts are tracked in USoAs 4006-4055 depending on customer



1 classifications. The actual GA amount Milton Hydro is billed by the IESO relating to non-RPP  
2 Class B customer consumption is tracked in USoA 4707 Charges - Global Adjustment.

### 3 **Return of Account 1589 Balance to Class B Customers**

4 The balance of Account 1589 is being returned to all Class B non-RPP customers, and from those  
5 customers that transitioned either from Class B to Class A or from Class A to Class B during the  
6 variance account 1589 accumulation period, which in this application is the period from 2016 to  
7 2020. The 2022 IRM Rate Generator model calculates customer specific charges for these  
8 transitioning customers that Milton Hydro proposes be returned to customers on a monthly basis.  
9 The 2022 IRM Rate Generator Model also calculates a rate rider which is used to return GA  
10 amounts to all the rest of Class B non-RPP customers.

### 11 **GA Analysis Workform**

12 Milton Hydro has completed the GA Analysis Workform for each year from 2016 to 2020. The  
13 unresolved difference as a % of expected GA Payments to the IESO is less than +/- 1% for each  
14 year.

15 In addition, the total updated activity in account 1588 for each year from account 2016 to 2020 as  
16 a % of Account 4705 Power Purchases is less than +/- 1% for each year.

17 Milton Hydro has also completed the Principal Adjustments Tab of the GA Analysis Workform and  
18 the information included in this Tab reconciles to the DVA Continuity Schedule of the 2022 IRM  
19 Rate Generator Model, and to Tables 3, 4, 6 and 7 provided below.

20 Given that Milton Hydro now is now following the OEB's Accounting Guidance regarding the  
21 commodity pass through accounts for accounts 1588 RSVA power and 1589 RSVA GA, it has  
22 not provided further information regarding Appendix A of the GA Workform Methodology  
23 Document.

24

### 25 **3.2.5.3 COMMODITY ACCOUNTS 1588 AND 1589**

26 In its letter the OEB advised that the new guidance is effective January 1, 2019 and that  
27 Distributors are expected to implement the new guidance no later than August 31, 2019  
28 retroactive to January 2019. The OEB also said that it expected that distributors will consider the  
29 accounting guidance in the context of their historical balances (i.e. pre January 1, 2019 that have  
30 not been disposed on a final basis). The OEB stated that if any distributor is of the view that there





1 may be systemic issues with their RPP settlement and related accounting processes that may  
2 give rise to material errors or discrepancies, or if the OEB has identified issues with balances,  
3 those distributors are expected to correct those balances before filing for disposition in an annual  
4 rate application.

5 In its 2021 IRM Rate application proceeding Milton Hydro advised the OEB that it had applied the  
6 OEB Accounting Guidance on the commodity-pass through accounts 1588 RSVA<sub>power</sub> and 1589  
7 RSVA<sub>GA</sub> for 2019 by using calendarized billing statistic data for RPP Settlements and calculated  
8 what the adjustments to these accounts should be, but Milton Hydro had not gone back to 2018  
9 as planned and continued to follow its current process into 2020. Milton Hydro advised the OEB  
10 that once it makes the appropriate adjustments to these accounts using calendarized billing  
11 statistics data for RPP Settlements for 2018, then the 2019 balances in accounts 1588 RSVA<sub>power</sub>  
12 and 1589 RSVA<sub>GA</sub> will be correctly reflected. Milton Hydro will also update the 2020 balances of  
13 accounts 1588 RSVA<sub>power</sub> and 1589 RSVA<sub>GA</sub> and will ensure that the go forward RPP Settlements  
14 processes use calendarized billing statistics data for RPP Settlements purposes as well. In  
15 addition, in response to OEB staff questions filed with the OEB on February 17, 2021 5 (f) Milton  
16 Hydro confirmed that it also intends on reviewing and amending its 2017 Group 1 DVA Account  
17 balances, if necessary, and then request approval of the final disposition of its Group 1 account  
18 balances.

19 Milton Hydro has completed “Tab 3. Continuity Schedule” for the DVA’s included in the 2022 IRM  
20 Rate Generator Model. In “Tab 3. Continuity Schedule” in the 2022 IRM Rate Generator Model,  
21 the Deferral and Variance Account balances commence with the 2015 closing principal and  
22 carrying charge balances because previously in Milton Hydro’s 2019 IRM Decision and Rate  
23 Order<sup>3</sup>, Milton Hydro received approval for interim disposition of its December 31, 2017 Group 1  
24 DVA balances. The December 31, 2017 DVA balances were made up of net principal and carrying  
25 charge transactions from January 1, 2016 to December 31, 2017 for the Retail Settlement  
26 Variance Accounts, plus the residual balances of Disposition Recovery/Refund of Regulatory  
27 Balances Accounts 1595 (2014) and 1595 (2016).

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<sup>3</sup> March 28, 2019 OEB Decision and Rate Order EB-2018-0053, page 8 Findings “*The OEB approves the disposition of a debit balance of \$1,156,106 as of December 31, 2017, including interest projected to April 30, 2019 for Group 1 accounts on an interim basis.*”



1 In addition, the reason that the net principal and carrying charge transactions from 2016 to 2017  
2 were approved only on an interim basis in the 2019 IRM Proceeding, was because the OEB  
3 suspended its approvals of Group 1 rate riders on a final basis, as stated in its letter to the sector  
4 dated July 20, 2018<sup>4</sup>. In that letter the OEB stated that it will determine whether the rate riders will  
5 be approved on an interim basis or not approved at all (i.e. no disposition of account balances)  
6 on a case by case basis until further notice. The OEB subsequently issued Accounting Guidance  
7 to standardize Accounting Treatment of transactions for commodity pass through accounts on  
8 February 21, 2019.

9 **SUMMARY OF THE RESULTS OF THE REVIEW OF ACCOUNTS 1588 RSVA<sub>POWER</sub> AND 1589 RSVA<sub>GA</sub>.**

10 Milton Hydro has completed its work reviewing and amending the transactions recorded to the  
11 commodity pass through accounts for the years from 2016 to 2020. Milton Hydro identified  
12 systemic issues with respect to the data used in its RPP Settlement Calculations, it used monthly  
13 billing statistic data rather than calendarized statistical data in its calculations; and it had not  
14 appropriately allocated the Global Adjustment costs between accounts 4705 Power Purchased  
15 and 4707 Charges - Global Adjustment. In addition, Milton Hydro identified some G/L allocation  
16 errors associated with a few IESO and Host Distributor wholesale power invoices and made  
17 corrections to those as well.

18 Milton Hydro went back and redetermined the wholesale power costs for each month from 2016  
19 to 2020 based on the OEB's Accounting Guidance. Milton Hydro recalculated RPP Settlement  
20 Claims for every month and has reallocated the Global Adjustment charges as per the OEB  
21 Accounting Guidance. Milton Hydro compared the originally booked wholesale power costs to the  
22 recomputed wholesale power costs and determined several adjustments are required to accounts  
23 4705 Power Purchased, 4707 Charges – Global Adjustment, and 4708 Charges – WMS. See  
24 Table 1 below for the journal entries that were required to make the corrections. See Table 2  
25 below for the Updated Net Principal Transactions For USoA 1580 RSVA WMS. See Table 3 below  
26 for the Updated Net Principal Transactions for USoA 1588 RSVA Power, and see Table 4 below  
27 for the Updated Net Principal Transactions for USoA 1589 RSVA GA.

28

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<sup>4</sup> OEB letter to all rate-regulated licensed electricity distributors, Re: OEB's Plan to Standardize Processes to Improve Accuracy of Commodity Pass-Through Variance Accounts, July 20, 2018.



1 The following is a summary of the corrections that are being made to the accounts:

- 2 1. Correction relating to Global Adjustment amounts recorded to account 4705 Power  
3 Purchased was required. When the OEB Accounting Guidance for the commodity pass  
4 through accounts was applied to all Milton Hydro's RPP Settlement Claims and  
5 Accounting processes it was identified that corrections totalling \$1,424,006 were required  
6 relating to the amounts recorded to account 4705 Power Purchased relating to the RPP  
7 portion of the Class B Global Adjustment Costs. During the month of August 2021 Milton  
8 Hydro is recording a journal entry to transfer amounts totalling \$1,424,006 from account  
9 4707 Charges - Global Adjustment to the 4705 Power Purchased account.
- 10 2. Correction of Host Distributor GA Rate Rider Charges Recorded to WMS Account in Error.  
11 Amounts totalling \$80,033 that related to a Host Distributor's Global Adjustment Rate  
12 Riders were inadvertently recorded to account 4708 Charges – WMS. A correction to  
13 transfer costs out of account 4708 Charges – WMS into account 4707 Charges – Global  
14 Adjustment is being recorded as a journal entry during the month of August 2021.
- 15 3. Correction to Oakville Hydro Host Distributor Bill G/L Allocation Error. An amount of \$361  
16 was inadvertently recorded to account 4708 Charges – WMS, rather than account 4705  
17 Power Purchased account. Although immaterial, Milton Hydro made the correction since  
18 it went to the effort to recalculate the transactions to the wholesale cost of power accounts  
19 for every month from 2016 to 2020.
- 20 4. Correction of coding to IESO Charge Type 102 from Energy to WMS. As part of the review  
21 it was identified that amounts totalling \$1,567,281 received from the IESO pertaining to  
22 Charge Type 102 for Transmission Rights Clearing Credits, were inadvertently credited to  
23 account 4705 Power Purchased, but should have been credited to account 4708 Charges  
24 – WMS. The correcting journal entry is being recorded in August 2021.
- 25 5. RPP Settlement Claim Adjustments totalling \$185,999 being made. Updates to the RPP  
26 Settlement methodology resulted in updates to the amounts claimed with the IESO.  
27 Retroactive adjustments are being made with the IESO, currently Milton Hydro is inquiring  
28 with the IESO how the adjustments are to be filed. RPP Settlement adjustments are  
29 expected to be made in August 2021.

30



**Table 1: Correcting Journal Entries**

			Debit	Credit
<b>31-Aug-21</b>	<b>1</b>	4705 - Power Cost 4707 - Global Adjustment To Reallocate Global Adjustment from Account 4707 to 4705. Not enough GA transferred to account 4705 during 2016 to 2020. Permanent Journal Entry.	1,424,006	- 1,424,006
<b>31-Aug-21</b>	<b>2</b>	4705 - Power Costs 4708 - Wholesale Market Services To Correct coding of electricity losses on Oakville Glenorchy Invoice from 2017, should have been booked to Account 4705. Permanent Journal Entry.	361	- 361
<b>31-Aug-21</b>	<b>3</b>	4705 - Power Costs 4708 - Wholesale Market Services To correct coding on IESO Charge Code 102 - TR Clearing. Coded to COP in error, should have been credited to 4708. Permanent Journal Entry.	1,567,281	- 1,567,281
<b>31-Aug-21</b>	<b>4</b>	4707 - Global Adjustment 4708 - Wholesale Market Services To Correct Coding of GA Rate Rider charged on Oakville Glenorchy Invoice and coded to WMS in error, should have been booked to 4707. Permanent Journal Entry.	80,033	- 80,033

1

**Table 2: Updated Net Principal Transactions For USoA 1580 RSVA WMS - For Period from 2016 to 2020**

	2016	2017	2018	2019	2020	Total	Notes:
<b>Originally Booked Net Principal Transactions to USoA 1580 by Year</b>	\$ 33,550	\$ 235,847	\$ 884,598	-\$ 1,057,613	-\$ 607,669	-\$ 511,287	Amounts booked per historical General Ledger
<b>Corrections to Account:</b>							
Correction of Host Distributor GA Rate Rider Charges Recorded to WMS Account in Error		-\$ 80,033				-\$ 80,033	Correcting Journal Entry made in August 2021.
Correction of coding to IESO Charge Type 102 from Energy to WMS	-\$ 601,588	-\$ 965,693	-\$ 1,062,593	\$ 1,062,593		-\$ 1,567,281	Correcting Journal Entry made in August 2021.
Correction to Oakville Hydro Host Distributor Bill G/L Allocation Error		-\$ 361				-\$ 361	Correcting Journal Entry made in August 2021.
<b>Permanent and Temporary Reversing Principal Corrections to Account</b>	-\$ 601,588	-\$ 1,046,087	-\$ 1,062,593	\$ 1,062,593	\$ -	-\$ 1,647,674	Corrections to account by Year
<b>Updated Net Principal Transactions to USoA 1580 by Year</b>	-\$ 568,038	-\$ 810,240	-\$ 177,995	\$ 4,980	-\$ 607,669	-\$ 2,158,962	Updated Net Principal Transactions by Year

2

3



**Table 3: Updated Net Principal Transactions For USoA 1588 RSVA Power - For Period from 2016 to 2020**

	2016	2017	2018	2019	2020	Total	Notes:
<b>Originally Booked Net Principal Transactions to USoA 1588 by Year</b>	-\$ 670,446	\$ 113,072	-\$ 1,009,391	-\$ 437,497	-\$ 801,111	-\$ 2,805,375	Amounts booked per historical General Ledger
<b>Corrections to Account:</b>							
Correction of GA Transferred to Account 1588	\$ 218,598	\$ 762,384	-\$ 250,851	\$ 140,272	\$ 553,602	\$ 1,424,006	Correcting Journal Entry made in August 2021.
RPP Settlement Corrections to Account 1588	\$ 138,191	-\$ 1,937,347	\$ 226,394	\$ 1,394,839	\$ 363,923	\$ 185,999	Settlement Correction made in August 2021 with IESO.
Correction of coding to IESO Charge Type 102 from Energy to WMS	\$ 601,588	\$ 965,693	\$ 1,062,593	-\$ 1,062,593	\$ -	\$ 1,567,281	Correcting Journal Entry made in August 2021.
Temporary Timing Differences Relating to Payments to Embedded Generators	\$ 98,371	\$ 149,646	\$ 164,959	\$ 134,049	\$ 124,121	\$ 671,146	Temporary Principal Adjustments Made to DVA Continuity.
Reversal of Temporary Timing Differences Relating to Payments to Embedded		-\$ 98,371	-\$ 149,646	-\$ 164,959	-\$ 134,049	-\$ 547,025	Temporary Principal Adjustments Made to DVA Continuity.
Correction to Oakville Hydro Host Distributor Bill G/L Allocation Error		\$ 361				\$ 361	Correcting Journal Entry made in August 2021.
<b>Permanent and Temporary Reversing Principal Corrections to Account</b>	\$ 1,056,748	-\$ 157,634	\$ 1,053,449	\$ 441,608	\$ 907,598	\$ 3,301,768	Corrections to account by Year
<b>Updated Net Principal Transactions to USoA 1588 by Year</b>	\$ 386,301	-\$ 44,563	\$ 44,058	\$ 4,110	\$ 106,486	\$ 496,393	Updated Net Principal Transactions by Year

1

**Table 4: Updated Net Principal Transactions For USoA 1589 RSVA GA - For Period from 2016 to 2020**

	2016	2017	2018	2019	2020	Total	Notes:
<b>Originally Booked Net Principal Transactions to USoA 1589 by Year</b>	\$ 224,003	\$ 1,113,582	\$ 452,497	-\$ 87,453	\$ 479,939	\$ 2,182,567	Amounts booked per historical General Ledger
<b>Corrections to Account:</b>							
Correction of GA Transferred to Account 1588	-\$ 218,598	-\$ 762,384	\$ 250,851	-\$ 140,272	-\$ 553,602	-\$ 1,424,006	Correcting Journal Entry made in August 2021.
Correction of Host Distributor GA Rate Rider Charges Recorded to WMS Account in Error		\$ 80,033				\$ 80,033	Correcting Journal Entry made in August 2021.
Temporary Timing Differences Relating to Eliminations of GA True-Up Accruals		\$ 261,268	-\$ 832,656	-\$ 82,644	\$ 170,667	-\$ 483,366	Temporary Principal Adjustments Made to DVA Continuity.
Reversal of Temporary Timing Differences Relating to Eliminations of GA True-Up Accruals			-\$ 261,268	\$ 832,656	\$ 82,644	\$ 654,033	Temporary Principal Adjustments Made to DVA Continuity.
<b>Permanent and Temporary Reversing Principal Corrections to Account</b>	-\$ 218,598	-\$ 421,084	-\$ 843,073	\$ 609,740	-\$ 300,291	-\$ 1,173,306	Corrections to account by Year
<b>Updated Net Principal Transactions to USoA 1589 by Year</b>	\$ 5,405	\$ 692,498	-\$ 390,576	\$ 522,287	\$ 179,648	\$ 1,009,261	Updated Net Principal Transactions by Year

2



1 Below are the updated Principal Balances of USoA 1580 RSVA WMS, 1588 RSVA Power, and  
2 1589 RSVA Global Adjustment. Milton Hydro made no adjustments to carrying charges as the  
3 principal adjustments are being made in 2021, and the accounting records are not being restated  
4 retroactively.

**Table 5: Updated Principal Balance of USoA 1580 RSVA WMS -  
For Period from 2016 to 2020**

Year	Opening Balance	Net Principal Transactions	OEB Approved Disposal	Closing Balance
2016	-\$ 1,988,938	-\$ 568,038	-\$ 1,338,039	-\$ 1,218,937
2017	-\$ 1,218,937	-\$ 810,240	-\$ 650,899	-\$ 1,378,277
2018	-\$ 1,378,277	-\$ 177,995		-\$ 1,556,272
2019	-\$ 1,556,272	\$ 4,980	\$ 269,398	-\$ 1,820,690
2020	-\$ 1,820,690	-\$ 607,669		-\$ 2,428,360

5

**Table 6: Updated Principal Balance of USoA 1588 RSVA Power -  
For Period from 2016 to 2020**

Year	Opening Balance	Net Principal Transactions	OEB Approved Disposal	Closing Balance
2016	-\$ 2,905,173	\$ 386,301	-\$ 1,257,424	-\$ 1,261,448
2017	-\$ 1,261,448	-\$ 44,563	-\$ 1,647,749	\$ 341,738
2018	\$ 341,738	\$ 44,058		\$ 385,796
2019	\$ 385,796	\$ 4,110	-\$ 557,375	\$ 947,281
2020	\$ 947,281	\$ 106,486		\$ 1,053,768

6

**Table 7: Updated Principal Balance of USoA 1589 RSVA GA - For  
Period from 2016 to 2020**

Year	Opening Balance	Net Principal Transactions	OEB Approved Disposal	Closing Balance
2016	\$ 2,330,751	\$ 5,405	\$ 2,170,192	\$ 165,964
2017	\$ 165,964	\$ 692,498	\$ 160,559	\$ 697,903
2018	\$ 697,903	-\$ 390,576		\$ 307,327
2019	\$ 307,327	\$ 522,287	\$ 1,337,585	-\$ 507,971
2020	-\$ 507,971	\$ 179,648		-\$ 328,324

7



1 **Outcomes of Review of Account Balances in Context of OEB Accounting Guidance:**

2 In addition, as a result of its review of its Accounting Balances in the context of the OEB  
3 accounting guidance, Milton Hydro identified areas where it improved its processes and internal  
4 controls to ensure in future, it's account balances would be accurate, and amounts brought  
5 forward for disposition would be reasonable and error free. Milton Hydro has updated its  
6 accounting processes to follow the OEB Accounting Guidance regarding its commodity pass  
7 through accounts, and to ensure that other Retail Settlement Variance Accounts are accurate as  
8 well. Milton Hydro updated its business processes to make them much more robust than what  
9 they were previously, now there are more checks and balances in place, more review, and better  
10 controls have been put in place to ensure its Group 1 DVA account balances are accurate prior  
11 to Milton Hydro requesting any Group 1 balances for disposition in future. In addition, Milton Hydro  
12 is utilizing the GA Analysis Workform as part of its controls to confirm that that account 1589  
13 RSVA<sub>GA</sub> balance is reasonable, and will closely monitor the unaccounted for energy to ensure the  
14 balance of account 1588 RSVA<sub>power</sub> is reasonable.

15 **Final Disposition of Group 1 Accounts**

16 Given that Milton Hydro has completed its work reviewing its commodity pass through account  
17 transactions, and has made corrections to the accounts from 2016 to 2020, Milton Hydro now  
18 requests the final disposition of its 2020 Group 1 Balances. In addition, in the 2019 IRM  
19 proceeding Milton Hydro received approval for the disposition of Group 1 Account balances on  
20 an interim basis, Milton Hydro requests that the 2019 IRM Group 1 Account dispositions be made  
21 final at this time.

22 *CERTIFICATION OF EVIDENCE*

23 Milton Hydro has provided certification that it has robust processes and internal controls in place  
24 for the preparation, review, verification and oversight of the Group 1 DVAs. Milton continues  
25 to closely monitor the work being done to comply with the Accounting Guidance and will make  
26 changes to its accounting processes and its account balances as necessary.

27

28

29



1 **3.2.5.4 CAPACITY BASED RECOVERY (“CBR”)**

2 Milton Hydro follows the OEB’s Accounting Guidance on CBR issued on July 25, 2016. The  
3 variance recorded in Account 1580 Variance - WMS, Sub-account CBR Class B is the difference  
4 between the billed WMS revenues of \$0.0004/kWh booked in Account 4062 Billed - WMS, Sub-  
5 account CBR Class B and the charges from the IESO under Charge Type 1351 and booked  
6 in Account 4708 Charges - WMS, Sub-account CBR Class B.

7 Class A customers are billed their share of the actual Capacity Based Recovery (“CBR”), charged  
8 by the IESO under Charge Type 1350, based on their respective Peak Demand Factor. All  
9 amounts billed to Class A customers are recorded in Account 4062 Billed – WMS, Sub-account  
10 CBR Class A which is equal to the amount billed in Account 4708 – WMS, Sub-account CBR  
11 Class A. As such the balance in USoA 1580 Variance WMS – Sub-account CBR Class A is zero.

12 **Return of Account 1580 WMS, Sub-account CBR Class B Balance**

13 The balance of Account 1580 WMS, Sub-account CBR Class B, is being returned to all Class B  
14 customers, and from those customers that transitioned either from Class B to Class A or from  
15 Class A to Class B during the variance account 1580 WMS, Sub-account CBR Class B  
16 accumulation period, which in this application is the period from 2016 to 2020. The 2022 IRM  
17 Rate Generator model calculates customer specific charges for these transitioning customers that  
18 Milton Hydro proposes be returned to customers on a monthly basis. The 2022 IRM Rate  
19 Generator Model also calculates a rate rider which is used to return the CBR Class B amounts to  
20 all the rest of Class B.

21 **3.2.5.5 DISPOSITION OF ACCOUNT 1595**

22 **FINAL DISPOSITION OF THE RESIDUAL BALANCES OF THE ELIGIBLE 1595 SUB ACCOUNTS**

23 In addition, Milton Hydro has completed its review of the two sub accounts of Account 1595 that  
24 are eligible for disposition in this rate proceeding, i.e. 1595 (2016) and 1595 (2017) sub accounts,  
25 and has completed the Account 1595 Analysis Workform for the residual balances for the 2016  
26 and 2017 sub-accounts for principal and interest balances to the end of 2020 plus carrying  
27 charges for 2021 to the end of December 31, 2021. The 1595 Analysis Workform is provided in  
28 live excel format as well as in PDF format in this application.





1 As shown in the 1595 Analysis Workform for 2016, the updated residual balance of the account  
2 1595 (2016) sub account has been reconciled as required in the Workform and the difference  
3 between collections/returns compared to what the OEB approved in the 2016 proceeding is 0.1%,  
4 which is less than the 10% threshold established in the Workform. Also, the difference of \$15  
5 identified in the Workform relates to carrying charges computed in the 2022 IRM Rate Generator  
6 Model for the period January 1, 2021 to December 31, 2021. Account 1595 (2016) balance was  
7 previously disposed on an interim basis in Milton Hydro's 2019 IRM Rate Application, additional  
8 transactions were recorded to this account since the 2019 IRM Disposition, Milton Hydro disposes  
9 of an additional residual amount of \$1,061 on a final basis.

10 As shown in the 1595 Analysis Workform for 2017, the residual balance of the account 1595  
11 (2017) sub account has been reconciled as required in the Workform and the difference between  
12 collections/returns compared to what the OEB approved in the 2017 proceeding is -1.6%, which  
13 is less than the 10% threshold established in the Workform. Also, the difference of \$491 identified  
14 in the Workform relates to carrying charges computed in the 2022 IRM Rate Generator Model for  
15 the period January 1, 2021 to December 31, 2021. Milton Hydro confirms that the residual  
16 balance of account 1595 (2017) has not been previously disposed on final basis.

### 17 **3.2.6 LRAM VARIANCE ACCOUNT ("LRAMVA")**

18 Milton Hydro is applying for disposition of Account 1568 – LRAMVA to recover lost revenues  
19 in the amount of \$1,150,011. Milton Hydro is requesting disposition of the net lost revenues  
20 from persistent savings in 2015 of programs offered in 2011 to 2014 and net lost revenues  
21 from savings resulting from programs offered in 2015 to 2020 including in-year results and  
22 persistence of savings to December 31, 2020. Carrying charges on these amounts through  
23 December 31, 2021 are also being claimed. A summary of the LRAM-VA disposition request  
24 by customer class including projected carrying charges to December 31, 2021 is as follows:

25



**Table 8 - USoA 1568 - LRAM-VA Account Requested for Disposition**

Customer Service Classification	Principal	Carrying Charges	Total LRAM-VA
RESIDENTIAL SERVICE CLASSIFICATION	\$ 272,749	\$ 18,186	\$ 290,935
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	\$ 389,341	\$ 17,193	\$ 406,534
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	\$ 193,298	\$ 8,033	\$ 201,331
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	\$ 85,893	\$ 3,230	\$ 89,123
LARGE USE SERVICE CLASSIFICATION	\$ 81,447	\$ 4,612	\$ 86,059
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	\$ -	\$ -	\$ -
SENTINEL LIGHTING SERVICE CLASSIFICATION	\$ -	\$ -	\$ -
STREET LIGHTING SERVICE CLASSIFICATION	\$ 74,882	\$ 1,147	\$ 76,029
<b>Total LRAM-VA Amounts</b>	<b>\$ 1,097,610</b>	<b>\$ 52,401</b>	<b>\$ 1,150,011</b>

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Milton Hydro plans on requesting disposition of the 2021 Program year, and the persistence of savings for each CDM program year from 2015 to 2022, with its 2023 Cost of Service Rate Application.

Milton Hydro previously received approval from the OEB for the recovery of lost revenue resulting from its CDM activities for 2011, 2012, 2013 and 2014 IESO-contracted Province-Wide CDM programs, including carrying charges, through to October 31, 2016<sup>5</sup>. Milton Hydro hasn't brought forward an application for the recovery of LRAM-VA amounts since this last rate application.

The LRAMVA is intended to capture the variance between the level of CDM program activities included in the LDC's Board-approved load forecast and the results of actual, verified impacts of CDM activities undertaken by the LDC.

Milton Hydro retained IndEco Strategic Consulting Inc. ("IndEco") to develop its 2020 LRAM-VA claim, their full report is available in Appendix G. IndEco used the most recent input assumptions available at the time of the program evaluation, including the following information:

---

<sup>5</sup> EB-2016-0242 Decision and Rate Order, Lost Revenue Adjustment Variance Account (LRAMVA), April 20, 2017



- 1 • 2014 Final Verified Results Report for Milton Hydro (OPA) – For program years 2011 to  
2 2014
- 3 • 2011- 2015 Persistence Report for Milton Hydro (IESO) – For program years 2011 to 2014
- 4 • Milton Hydro CDM Databases – For program years 2011 to 2014
- 5 • 2017 final verified results report for Milton Hydro (IESO) – For program years 2015 – 2017
- 6 • 2015, 2016 and 2017 Final Verified Results by Project (IESO) – For program years 2015  
7 – 2017
- 8 • April 2019 Participation & Cost Report for Milton Hydro (IESO) – For program years 2018  
9 to March 2019
- 10 • Milton Hydro CDM Databases – For program years 2018 to March 2019
- 11 • 2017 Final Verified Results Report for Milton Hydro (IESO) - For program years 2018 to  
12 March 2019
- 13 • Milton Hydro CDM Databases – For program years 2018 to 2020
- 14 • 2017 Final Verified Results Report for Milton Hydro (IESO) - For program years 2018 to  
15 2020

16 Milton Hydro proposes to recover the LRAMVA amount of \$1,150,011 through class-specific  
17 volumetric rate riders that would be in effect for a period of twelve months, from January 1,  
18 2022 to December 31, 2022. The class-specific rate riders were determined by totaling the  
19 class-specific LRAMVA amount by program and dividing by the amount of volume or demand  
20 billed in 2020.

21

## 22 **Conservation Reform**

23

24 On March 20, 2019, the Conservation First Framework (“CFF”) was discontinued effective  
25 immediately as per Ministerial Directives to the OEB and the IESO. With the discontinuance of  
26 the CFF, electricity distributors will no longer receive any preliminary or final annual verified  
27 results for conservation program activities undertaken in later years. These verified results  
28 have been available for conservation program activities for the first three years of the CFF  
29 (2015, 2016 and 2017).

30



1 The IESO monthly Participation and Cost Report for Milton Hydro Distribution Inc. dated April  
2 15, 2019 is the final Participation and Cost Report, and includes verified results through 2017,  
3 unverified adjustments to 2016 and 2017 results, and unverified results for programs from  
4 January 1, 2018 to March 31, 2019.

5  
6 The IESO did not provide reports on additional results that came in after March 31, 2019. Milton  
7 Hydro drew on its own databases for these results and adjusted the reported results to net  
8 energy and net demand using net-to-gross and realization rate factors from the 2017 final  
9 verified results report. This is consistent with the instructions provided in the OEB's 2021  
10 Chapter 3 filing instructions.

11  
12

### 13 **Authorization for LRAMVA Recovery**

#### 14 15 2011-2014 Framework

16 As noted in the April 26th, 2012 Guidelines for Electricity Distributor Conservation and Demand  
17 Management [EB-2012-0003] (the "2012 Guidelines"):

18  
19 "...lost revenues resulting from CDM programs should not act as a disincentive to  
20 distributors...In order for any reduced capacity and energy usage amounts that results from  
21 successful and cost effective CDM programs delivered between 2011 and 2014 to not act as  
22 a disincentive, a mechanism to compensate distributors for these less has been developed."

23  
24

#### 25 2015-2020 Conservation First Framework

26  
27 The March 31, 2014 directive from the Minister of Energy to the Ontario Energy Board states:

28  
29 "Lost revenues that result from Province-Wide Distributor CDM Programs or Local Distributor  
30 CDM Programs should not act as a disincentive to Distributors in meeting their CDM  
31 Requirement."

32



1 In the December 19th, 2014 Conservation and Demand Management Requirement Guidelines  
2 for Electricity Distributors [EB-2014-0278] (the “Guidelines”):

3  
4 “Distributors with variable distribution rates are currently compensated for reduced  
5 consumption due to conservation programs using a lost revenue adjustment mechanism  
6 (“LRAM”). With an LRMA [sic], a distributor can recover revenues it has lost in the past because  
7 a CDM program has lowered customers’ consumption levels. The LRAM is a retrospective  
8 adjustment as a distributor recovers these lost revenues through higher distribution rates in a  
9 future period. A fixed charge approach can support conservation and net metering for  
10 customer-owned renewable generation by removing disincentives for distributors to promote  
11 and deliver CDM programs and eliminating any need for the current limits on net metering in  
12 the Board’s Distribution System Code. Further, fixed rate design will eventually eliminate the  
13 reliance on an LRAM to address any disincentive for a distributor to promote CDM.”

14 The Board has not yet issued its final Rate Design Report. To ensure that lost revenues from  
15 CDM programs do not act as a disincentive, the Board will continue the current LRAM  
16 mechanism at this time. This mechanism consists of the mandatory use of an LRAM variance  
17 account (“LRAMVA”) to track both the amounts included in a distributor’s load forecast for  
18 conservation and the final, verified savings of the distributor’s conservation programs.”

19  
20 Milton Hydro confirms that the savings claimed for projects identified as Post-P&C on the  
21 workform were initiated under the Conservation First Framework and were funded by the IESO  
22 and are therefore lost revenues that are eligible for recovery.

23  
24

25 **Methodology for Calculating LRAMVA**

26  
27 The Guidelines provide the basis and methodology required to file an application for LRAMVA  
28 disposition.

29  
30 Between 2011 and 2020 Milton Hydro administered only IESO-Contracted Province-Wide  
31 CDM programs and did not have any Board-Approved programs. Since Milton Hydro did not  
32 have any Board-Approved CDM programs, it does not require an independent third party



1 review of its CDM savings as detailed in Section 6.1 of the Conservation and Demand  
2 Management Code (September 16, 2010).

3  
4 The 2011-2014 IESO Final Savings Report, 2015-2017 IESO Final Savings Report and April  
5 2019 IESO Participation and Cost Report are the sources of the CDM savings used to calculate  
6 LRAMVA amounts related to IESO programs.

7  
8 In addition, multiple projects were completed subsequent to the release of the April 2019 IESO  
9 Participation and Cost Report. For these, Milton Hydro relied on its internal CDM databases  
10 that capture reported energy and demand savings. These have the same values Milton Hydro  
11 reports to the IESO for incentive payments. For the LRAMVA claim, these were adjusted using  
12 net-to-gross and realization-rate factors in the 2017 final verified results report to get the net  
13 savings. This is consistent with the methodology instructions in Chapter 3 of the Filing  
14 Requirements for Electricity Distribution Rate Applications.

15  
16 **LRAMVA Calculation**

17  
18 The LRAMVA amount was calculated by deducting the LRAM-VA threshold from the net  
19 energy or demand savings (kW or kWh) for each program, and then multiplying by the Board  
20 approved volumetric distribution charge for the applicable rate class, on a year by year basis.  
21 Regulatory asset recovery riders were excluded from the approved rates in calculating the  
22 LRAM-VA amounts. In accordance with the filing requirements, Milton Hydro has included the  
23 OEB LRAM-VA work form as part of Appendix G and has also provided a working Microsoft  
24 Excel file with the application.

25  
26 2016 Forecast of CDM savings

27  
28 In Milton Hydro's application, a forecast of CDM savings was provided that was to serve as the  
29 basis of the LRAMVA threshold and was subsequently used to calculate the manual  
30 adjustment. This was set out in Table 3-6 of the application, During the course of the rate  
31 proceeding, several modifications were made to this table. The regression analysis was



1 updated to include actual power consumed by each customer class up to October 2015.<sup>6</sup>  
 2 Consequently, 2014 CDM savings are captured in the load forecast, and do not form part of  
 3 the CDM threshold. In addition, after discussions with the Town of Milton, it was determined  
 4 that streetlight retrofits would not occur until after 2016, and thus they were removed from the  
 5 CDM forecast savings.<sup>7</sup> The resulting threshold is set out below:  
 6

**Table 9: LRAM-VA Threshold (kWh)**

Class	2014 Persistence	2015 Bridge Year	2016 Test Year	Initial LRAMVA threshold	Less adjustments	Final LRAMVA threshold
Residential	1,943,898	774,900	858,100	3,576,898	(1,943,898)	1,633,000
General Service <50 kW	183,752	388,008	379,639	951,399	(183,752)	767,647
General Service 50 - 999 kW	561,426	1,484,091	1,469,818	3,515,335	(561,426)	2,953,909
General service 1000 - 4999 kW	66,700	159,162	632,234	858,096	(66,700)	791,396
Large Users	-	217,139	-	217,139	-	217,139
Street Lights		1,555,100	2,221,600	3,776,700	(3,776,700)	-
<b>TOTAL</b>	<b>2,755,776</b>	<b>4,578,400</b>	<b>5,561,391</b>	<b>12,895,567</b>	<b>(6,532,476)</b>	<b>6,363,091</b>

7  
8

9 2016 LRAM-VA Threshold to Calculate LRAM-VA Account Balance

10

11 The table below shows the LRAMVA threshold. The difference between the amounts stated  
 12 below and the actual verified final program results form the basis of the LRAM-VA amount  
 13 available for recovery from customers.

14

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<sup>6</sup> Milton Hydro\_IRR\_2016 COS\_20151218.PDF, IRR 3.0 Staff-39.

<sup>7</sup> Milton Hydro\_IRR\_2016 COS\_20151218.PDF, IRR 3.0 Staff-45(d).



Rate Class	2016 LRAM-VA Threshold	
	kWh	kW *
Residential	1,633,000	-
General Service < 50 kW	767,647	-
General Service 50 - 999 kW	2,953,909	7,932
General Service 1,000 - 4,999 kW	791,396	1,669
Large User	217,139	416
Unmetered Scattered Load	-	-
Sentinel Lighting	-	-
Street Lighting	-	-
Total	6,363,091	10,017

\* - The kW were determined based on the kw/kWh relationship from the Weather Normalization Regression Model

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2011 LRAM-VA Threshold to Calculate LRAM-VA Account Balance

The Table below is used to calculate the LRAM-VA amounts relating to the persistence of program savings from 2011 to 2015. The difference between the amounts stated below and the persistence related to the final program results form the basis of the LRAM-VA amount available for recovery from customers. The source of the table is from Milton Hydro's 2011 Cost of Service approved load forecast EB-2010-0137.





**Table 11: LRAM-VA Threshold for 2011**

Rate Class	2011 LRAM-VA Threshold	
	kWh	kW
Residential	1,227,764	-
General Service < 50 kW	363,580	-
General Service 50 - 999 kW	-	2,451
General Service 1,000 - 4,999 kW	-	1,053
Large User	-	750
Unmetered Scattered Load	-	-
Sentinel Lighting	-	-
Street Lighting	-	-
Total	1,591,344	4,254

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Street Lighting

The Town of Milton and Halton Region undertook projects under the Retrofit program to retrofit streetlights with more energy efficient LED bulbs. These projects were completed after the April 2019 Participation and Cost report and are thus not captured in IESO reports. The projects were done under the prescriptive stream of the Retrofit program, which calculates energy savings based on assumed values in the IESO's Prescriptive Measures and Assumptions List. When IESO reports streetlight savings, it shows zero demand savings because street lights are not used during peak periods. In recognition of this, the OEB sets out additional requirements for claiming street light savings in the Chapter 2 Filing Requirements, and Milton Hydro has analyzed both the energy and demand savings based on actual wattages of fixtures before and after savings, which is the basis of billing.

Milton Hydro confirms that it has the same reports that the Town of Milton and Halton Region, have in their possession, that validate the number and type of bulbs replaced or retrofitted through the IESO program. Milton Hydro has data for the type and wattage of retrofitted fixtures, and details of these are shown on Tab 8 of the LRAMVA workform.

Along with the retrofitting of bulbs, Milton Hydro has been installing meters on the pedestal of streetlights. When meters are installed, the street lamp is transferred from the Street Lighting rate class to the GS<50 kW class. Adding meters is an ongoing process, and does not always



1 occur at the same time that bulbs are retrofitted. As a consequence, the allocation of savings  
 2 between the two rate classes changes over time. As the generic LRAMVA workform the OEB  
 3 has developed provides for a constant allocation over time, the projects are shown as two  
 4 separate programs (Retrofit – Metered Streetlights and Retrofit – Unmetered Streetlights). The  
 5 associated persistent savings over time are calculated based on the combination of when bulbs  
 6 are retrofitted, and when meters are installed. These calculations are shown on Tab 8 of the  
 7 LRAMVA workform.

8

9 **Carrying Charges**

10

11 In accordance with Section 13.3 of the 2012 Guidelines, Milton Hydro is seeking recovery of  
 12 carrying charges up to December 31st, 2021 in the amount of \$52,402. Milton Hydro used the  
 13 Board’s prescribed interest rates through Q2-2021. Milton Hydro assumes that the Board’s  
 14 prescribed rate for Q3-2021, and Q4-2021 will be the same as Q2-2021.

15

16 **Rate Rider Calculation**

17

18 Milton Hydro proposes to recover the LRAM-VA amounts, including associated carrying costs,  
 19 through class specific volumetric rate riders over a period of one year. These rate riders were  
 20 determined by dividing the class- specific LRAM-VA amount by the total billed kWh or kW for  
 21 each rate class in 2020. Milton Hydro proposes a single rate rider for each rate class from  
 22 January 1, 2022 to December 31, 2022. The proposed rate riders are shown in the table below.

23

Table 12 - LRAM-VA Rate Riders				
Number Years for Disposition		1		
Customer Service Classification	Annual Recovery	Volume	Rate Rider	Billing Determinant
RESIDENTIAL SERVICE CLASSIFICATION	\$ 290,935	355,465,653	0.0008	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	\$ 406,534	79,948,300	0.0051	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	\$ 201,331	567,734	0.3546	kW
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	\$ 89,123	278,404	0.3201	kW
LARGE USE SERVICE CLASSIFICATION	\$ 86,059	268,251	0.3208	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	\$ -	1,067,874	0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	\$ -	398	0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	\$ 76,029	15,143	5.0207	kW
<b>Total</b>	<b>\$ 1,150,011</b>			

24



1 **3.2.7 TAX CHANGES**

2 Milton Hydro has completed the 2022 IRM Rate Generator Model Tab 8. STS – Tax Change to  
3 calculate the difference between the taxes included in Milton Hydro’s 2016 Cost of Service  
4 Application as Varied by the OEB in its Decision and Order EB-2016-0255 dated February 22,  
5 2018 – Milton Hydro’s Motion to Review and Vary the Decision and Order Dated July 25, 2016  
6 and the 2018 taxes at current tax rates. There is no change in the tax rate therefore the  
7 incremental tax sharing calculated in the model is zero (\$0.00) and results in no tax sharing  
8 required for Milton Hydro’s 2022 rate application.

9 On June 21, 2019, Bill C-97, the Budget Implementation Act, 2019, No. 1, was given Royal  
10 Assent. Included in Bill C-97 are various changes to the federal income tax regime. One of the  
11 changes introduced by Bill C-97 is the Accelerated Investment Incentive program, which provides  
12 for a first-year increase in Capital Cost Allowance (CCA) deductions on eligible capital assets  
13 acquired after November 20, 2018.

14 Milton Hydro confirms that it is recording the impacts of the CCA rule changes in Account 1592 -  
15 PILs and Tax Variances – CCA Changes for the period November 21, 2018 until the effective  
16 date of its next cost-based rate order. Milton Hydro will bring forward any amounts tracked in this  
17 account for review and disposition at its next cost based rate application.

18

19 **3.2.8 Z FACTOR CLAIMS**

20 Milton Hydro is not filing for a Z-Factor adjustment.

21 **3.2.9 OFF-RAMPS**

22 Milton Hydro’s 2020 Regulated Return on Equity, as filed in its 2020 RRRs, was 6.86% or  
23 2.33% below Milton Hydro’s 2016 approved regulated return on equity of 9.19%, which is within  
24 the dead band of +/- 300 basis points.

25

26 **3.3 ELEMENTS SPECIFIC ONLY TO THE PRICE CAP IR PLAN**

27 **3.3.1 ADVANCED CAPITAL MODULE**

28 Milton Hydro is not filing for recovery of incremental capital investments.



1 **3.3.2 INCREMENTAL CAPITAL MODULE**

2 Milton Hydro is not filing for recovery of incremental capital investments.

3

4 **3.3.3 TREATMENT OF COSTS FOR 'ELIGIBLE INVESTMENTS'**

5 Milton Hydro does not have any renewable energy generation costs or smart grid development  
6 costs in deferral accounts.

7 **3.4 SPECIFIC EXCLUSIONS FROM PRICE CAP IR OR ANNUAL IR INDEX APPLICATIONS**

8 Milton Hydro understands that the IRM application process is intended to be mechanistic in  
9 nature. The OEB has permitted some exceptions in previous IRM rate applications (EB-2015-  
10 0013/0251, EB-2016-0114, EB-2017-0085/0292, EB-2018-0079, EB-2020-0013) where a  
11 single IRM process was determined to be the most efficient and effective approach for all  
12 stakeholders, and provided greater overall clarity for total customer bill impacts. In advance of  
13 filing this application, Milton Hydro has communicated with the OEB advising of its intent to  
14 address the following items in Milton Hydro's 2022 IRM rate application:

15 (a) Milton Hydro requests to have its rate year aligned with its fiscal year, seeking  
16 approval for the implementation of rates with an effective date of January 1,  
17 2022, as well as proposed credit rate riders to return amounts to customers  
18 associated with the January 1 implementation from January 1, 2022 to April 30,  
19 2022,

20 (b) Milton Hydro also requests to update its Low Voltage Service Rates which were  
21 previously set in its 2016 Cost of Service Proceeding.

22 **3.4.1 REQUEST FOR ALIGNMENT OF RATE YEAR WITH FISCAL YEAR, AND RATE YEAR**  
23 **ALIGNMENT CREDIT RATE RIDER**

24 **Overview**

25 In this Application, Milton Hydro requests the OEB to approve the alignment of its rate year (i.e.  
26 May 1) with the fiscal year (i.e. January 1), primarily to mitigate the potential bill impacts resulting  
27 from the 2022 and 2023 dispositions of the USoA 1568 Lost Revenue Adjustment Mechanism -



1 Variance Account (LRAM-VA) and the anticipated rebasing in 2023<sup>8</sup>. By aligning Milton Hydro's  
2 rate with its fiscal year will also benefit the utility and its customers by having more certain and  
3 timely cash flow. Eliminating the current lag between the budget year underlying rate applications  
4 and the commencement of the available rate financing of these budgets allows for more timely  
5 and confident investment in capital and operating costs to support a sustainable distribution  
6 system and customer service delivery. It will also (i) improve the consistency of comparing the  
7 approved and fiscal year ROEs and (ii) simplify for Milton Hydro its financial presentation,  
8 comparisons and analysis, budgeting and forecasting processes.

9 While this type of request is typically addressed in rebasing applications, Milton Hydro believes  
10 there are merits that warrant consideration of the proposed approach in this Application. In  
11 particular, as further described below, the proposed approach (i) provides relief for Milton Hydro's  
12 customers on a timely basis; (ii) smooths bill impacts that may result from Milton Hydro rebasing  
13 its distribution rates in 2023; (iii) is relatively simple due to the mechanistic nature of the required  
14 adjustments; and (iv) is consistent with existing and accepted approaches recently adopted by  
15 the OEB.

16

## 17 **Background**

18 Historically, electricity distributors in Ontario could not change the effective date of their electricity  
19 distribution rates. First, rates were implemented on January 1 under regulation by Ontario Hydro.  
20 When the OEB began regulating the electricity industry, the effective date for rate changes  
21 moved to March 1. Thereafter, the date was moved to April 1 and then to May 1, once the  
22 Regulated Price Plan ("RPP") was introduced in 2005. The adjustments to the rate year were  
23 commonly based on administrative practices and to align distribution rate changes with  
24 commodity rate changes.

---

<sup>8</sup> In this Application, Milton Hydro is requesting disposal of its 2020 balance of its LRAM-VA account plus interest to the end of 2021, with a total being requested of \$1,150,011. In addition, Milton Hydro is anticipating to request disposal of its 2021 balance of its LRAM-VA account plus interest to the end of 2022, with a total estimated amount to be requested of \$468,328 in the 2023 Cost of Service Rate Application.



1 In 2010, following requests from utilities as part of their rate applications to align fiscal and rate  
2 years, the OEB initiated a consultation process to review the need for and the implications of a  
3 potential alignment of the rate year with the fiscal year for electricity distributors (“Rate Year  
4 Alignment Consultation”)<sup>9</sup>. The OEB has concluded that it is appropriate to consider the merits  
5 of an alignment of the rate year with the fiscal year for a distributor on a case-by-case basis upon  
6 receipt of an application for that purpose. The OEB also stated that it expects a distributor that  
7 proposes alignment to include an analysis of the benefits and ratemaking implications, if any, as  
8 part of its application.

9 Following the conclusion of the Rate Year Alignment Consultation, utilities have been frequently  
10 applying to change their rate year to align it with their fiscal year. Currently, approximately 45%  
11 of distributors have a January 1<sup>st</sup> to December 31<sup>st</sup> rate year, and the remaining 55% of  
12 distributors have a May 1<sup>st</sup> to April 30<sup>th</sup> rate year<sup>10</sup>. The OEB has also removed the requirement  
13 to provide a detailed analysis of benefits and ratemaking implications.<sup>11</sup> The approval of the rate  
14 year alignment requests has been a fairly simple and mechanistic process.

15

## 16 **Reasons to Align Milton Hydro’s Rate and Fiscal Years**

17 The proposed rate and fiscal year alignment is in the best interest of Milton Hydro’s customers  
18 and also benefits the utility.

### 19 *(i) Benefits to Milton Hydro’s Customers*

20 As further described in section 3.2.6, Milton Hydro is requesting an establishment of the LRAM-  
21 VA Rate Rider pertaining to lost revenues accumulated in the LRAM-VA, in the amount of  
22 \$1,150,011, proposed to be recovered over a one-year period. Rate riders are typically  
23 implemented at the beginning of a rate year, i.e. January 1 or May 1. In Milton Hydro’s case, it

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<sup>9</sup> EB-2009-0423: Alignment of Rate Year with Fiscal Year for Electricity Distributors.

<sup>10</sup> Based on information in the OEB’s Electricity distribution rates page for 2021, as of August 6, 2021, 26 distributors have a January rate year and 33 distributors have a May rate year, excluding the Hydro One Networks Inc. acquired distributors.

<sup>11</sup> Chapter 2 OEB Filing Requirements, June 24, 2021, section 2.0.5 *Seeking Approval to Align Rate Year with Fiscal Year*.



1 has been May 1. Furthermore, Milton Hydro plans to submit its 2023 Cost of Service rate  
2 application to the OEB by April 30, 2022. Milton Hydro is cognizant of the fact that the impact on  
3 customer bills during a rebasing application has the potential to increase distribution rates by  
4 more than the impact of rate increases approved in an IRM Rate proceeding when a price-cap  
5 adjustment is applied to adjust rates. If Milton Hydro does not align its rate year with its fiscal  
6 year in the year preceding its 2023 rate year, then a large LRAM-VA Rate Rider would commence  
7 on May 1, 2022 and would not end until April 30, 2023. A potential increase in distribution rates  
8 resulting from Milton Hydro's rebasing its revenues would commence on January 1, 2023;  
9 thereby potentially layering on an additional increase on top of the 2022 Rates and LRAM-VA  
10 Rate Rider.

11 To further demonstrate the potential impact resulting from keeping the status quo, Table 13  
12 below summarizes the bill impacts associated solely with the LRAM-VA rate rider; "sub-total A"  
13 bill impacts range from about 2.0% for the Residential Class up to 28.3% for the Street Lighting  
14 Class, and "total bill impacts" range from about 0.5% for the Residential Class up to 7.9% for the  
15 Street Lighting Class. As the bill impacts are already high for some classes, the bill impact would  
16 be exacerbated if the 2023 Cost of Service bill impact was overlayed on top of these impacts.

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**Table 13: Impacts Arising Due to LRAM-VA Rate Rider**

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Billing Determinants		Sub-Total						Total	
	kWh	kW	A		B		C		Total Bill	
			\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	750		\$ 0.60	2.1%	\$ 0.60	1.8%	\$ 0.60	1.3%	\$ 0.56	0.5%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	2,000		\$ 10.20	18.4%	\$ 10.20	15.8%	\$ 10.20	10.9%	\$ 9.60	3.3%
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	50,000	150	\$ 53.19	9.3%	\$ 53.19	9.6%	\$ 53.19	3.5%	\$ 60.10	0.8%
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	1,265,000	1,800	\$ 576.18	12.1%	\$ 576.18	15.3%	\$ 576.18	3.8%	\$ 651.08	0.4%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	2,400,000	5,400	\$ 1,732.32	15.5%	\$ 1,732.32	16.8%	\$ 1,732.32	16.8%	\$ 1,957.52	0.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	405		\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	50	1	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	440,624	1,185	\$ 5,949.53	28.3%	\$ 5,949.53	28.8%	\$ 5,949.53	23.1%	\$ 6,722.97	7.9%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	375		\$ 0.30	1.0%	\$ 0.30	1.0%	\$ 0.30	0.8%	\$ 0.28	0.4%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	750		\$ 0.60	2.1%	\$ 0.60	1.9%	\$ 0.60	1.4%	\$ 0.57	0.5%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	2,000		\$ 10.20	18.4%	\$ 10.20	16.4%	\$ 10.20	11.1%	\$ 9.60	3.3%





1 If Milton Hydro's request to align its rate year with its fiscal year in 2022 is approved, the utility  
2 will implement its LRAM-VA Rate Rider on January 1, 2022 and end it on December 31, 2022;  
3 thereby ending the LRAM-VA Rate Rider the day before the January 1, 2023 Effective and  
4 Implementation date of Milton Hydro's 2023 Cost of Service Rate decision. This would enable  
5 the bill impact to be smoothed, as the LRAM-VA Rate Rider would sunset on December 31, 2022  
6 and, thus reducing rates on January 1, 2023 due to the LRAM-VA Rate Rider dropping off. With  
7 the 2023 Cost of Service rates being implemented on January 1, 2023, and the dropping off of  
8 the LRAM-VA rate rider, there would be a favourable effect of offsetting a rate decrease and rate  
9 increase allowing for more overall rate and bill stability during the implementation of Milton  
10 Hydro's 2023 Cost of Service approved rates.

11 Furthermore, Milton Hydro recognizes the rate year alignment with a fiscal year during an IRM  
12 period may have financial implications for customers. However, in the current circumstances, the  
13 net effect of the rate year alignment in 2022 is to simply pull forward those rates and bill them  
14 sooner than what would otherwise be approved for collection by Milton Hydro. By realigning its  
15 rate year to its fiscal year in 2022, (the year preceding its 2023 rebasing application), this  
16 effectively creates an amount of over-collection equal to the incremental rate increase during the  
17 January to April 2022 period (i.e. the year prior to rebasing) under a May rate year. Through its  
18 request, Milton Hydro proposes to mitigate this increase in January 2022 by implementing a Rate  
19 Rider for Rate Year Alignment to return the difference between the 2022 IRM distribution rates  
20 and the 2021 IRM distribution rates for the four months from January 1, 2022 to April 30, 2022.  
21 This way Milton Hydro would be able to implement its 2022 LRAM-VA Rate Rider on January 1,  
22 2022, and the net effect of an early implementation of distribution rates would be that customers  
23 would pay no more in distribution charges during the period from January to April 2022. The  
24 LRAM-VA Rate Rider would end on December 31, 2022, and then Milton Hydro would implement  
25 2023 rates with an effective and implementation date of January 1, 2023. Appendix A below  
26 provides supporting calculations for the proposed Rate Rider for Rate Year Alignment. A live  
27 excel version of the calculations is also provided with the pre-filed evidence.

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29

30



1 (ii) *Benefits to the Utility*

2 The timing of rate changes creates a material lag between the utility's budget year underlying  
3 rate applications and the commencement of available rate financing of these budgets. Alignment  
4 of rate year and fiscal/budget year enables closer alignment of utility's financing availability.

5 The alignment of rate year and fiscal year is particularly important to distributors that require  
6 financial liquidity from third party lenders. Utilities have a significant requirement for debt capital  
7 and they incur debt in a manner with similar terms and covenants. Most utilities have public or  
8 private debt ratings established by credit rating agencies or by applicable lenders which directly  
9 impact both the cost and availability of debt capital to support their financing requirements for  
10 distribution system infrastructure. Lenders typically base their respective decisions on the  
11 availability and relative certainty of cash flow to support business investment requirements and  
12 debt servicing.

13 The alignment of the rate year with the fiscal year is supportive of cost effectiveness and  
14 availability of financial liquidity as:

- 15 1. The incurrence of investment and cost more closely aligns with cash flow; and  
16 2. There is less regulatory uncertainty related to the approval of expenditures  
17 months after the commencement of the fiscal year.

18 Regulatory uncertainty in relation to rate year/fiscal year lag also creates investment risk for a  
19 utility. There is a risk that, in the first effective year of a rebasing application, the OEB may  
20 disallow the recovery of certain investments and costs that have been incurred in advance of its  
21 rate decision.

22 The alignment of the rate year and fiscal year simplifies the explanation of fiscal year results in  
23 relation to regulatory approvals of investments, costs and return on equity. Those returns are  
24 presently computed in rate applications based on calendar year budgets. However, they are not  
25 practically available given the misalignment of the rate year and fiscal year. This creates  
26 confusion for users of financial statements and also complicates variance analysis in rate  
27 applications.



1 Furthermore, utility reporting of information to the OEB is provided on a calendar year basis and,  
2 as such, all underlying input data into rate applications is based on the calendar year. For  
3 example, variance analyses are addressed by way of comparisons with prior years.  
4 Consequently, an alignment of the rate year and fiscal year would also allow for further  
5 consistency in comparative data collection, presentation, reporting and analysis. This would  
6 improve efficiency in utility reporting processes

7

### 8 **Why it is Appropriate to Consider the Request as Part of this Application**

9 The electricity industry in Ontario and its regulatory environment have gone through a number of  
10 changes since the Rate Year Alignment Consultation, and those changes introduce new  
11 elements which were not previously contemplated. Some of these include:

- 12 • Acceptance and approval by the OEB of a January 1 rate year for many electricity  
13 distributors based on individual application requests;
- 14 • Recognition and acceptance of differing rate years of either January 1 or May 1 across  
15 the industry.

16 Milton Hydro's primary reason to align its rate year with its fiscal year in 2022 is to smooth the  
17 bill impact when moving from the rates approved in this Application to the rates approved for  
18 implementation on January 1, 2023 as a result of the 2023 Cost of Service rate proceeding.  
19 While this type of request typically forms part of a rebasing application, there are precedents  
20 where the OEB has considered the issue as part of the IRM proceeding. In EB-2020-0013, as  
21 part of Elexicon Energy's 2021 IRM application, the OEB approved a request to align a rate year  
22 for the Veridian Rate zone with the utility's fiscal year. Milton Hydro recognizes that the facts in  
23 Elexicon Energy's case may be different; however, the underlying notion of the request in both  
24 instances is to propose a reasonable approach to help hold customers relatively harmless from  
25 this type of financial impact, i.e. through a Rate Rider for Rate Year Alignment. The proposed  
26 approach is simple and has significant benefits to Milton Hydro's customers and the utility.



- 1 Milton Hydro notes that once the OEB determines what inflation factor to use for 2022 IRM filers,
- 2 Milton Hydro asks the OEB to update the calculations such that the appropriate price cap
- 3 adjustment is reflected in the final calculations for the Rate Rider for Rate Year Alignment.



**Table 14: Rate Year Alignment Rate Rider**

Base Distribution Rates							
Customer Service Classification	Unit	Proposed 2022 Monthly Fixed Charge (MFC)	Proposed 2022 Distribution Volumetric Rate (DVR)	2021 Approved Monthly Fixed Charge to Customers	2021 Approved Volumetric Charge to Customers	Rate Year Alignment Rate Rider (MFC) = Difference in MFC	Rate Year Alignment Rate Rider (DVR) = Difference in DVR
RESIDENTIAL SERVICE CLASSIFICATION	kWh	\$ 29.56	\$ -	\$ 28.97	\$ -	\$ (0.59)	\$ -
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	\$ 18.19	\$ 0.0192	\$ 17.82	\$ 0.0188	\$ (0.37)	\$ (0.0004)
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	\$ 85.81	\$ 3.3210	\$ 84.09	\$ 3.2543	\$ (1.72)	\$ (0.0667)
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	\$ 675.14	\$ 2.3283	\$ 661.58	\$ 2.2815	\$ (13.56)	\$ (0.0468)
LARGE USE SERVICE CLASSIFICATION	kW	\$ 2,696.06	\$ 1.6141	\$ 2,641.90	\$ 1.5817	\$ (54.16)	\$ (0.0324)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	\$ 8.66	\$ 0.0184	\$ 8.49	\$ 0.0180	\$ (0.17)	\$ (0.0004)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	\$ 5.57	\$ 42.1879	\$ 5.46	\$ 41.3404	\$ (0.11)	\$ (0.8475)
STREET LIGHTING SERVICE CLASSIFICATION	kW	\$ 2.65	\$ 11.6147	\$ 2.60	\$ 11.3814	\$ (0.05)	\$ (0.2333)

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1 **3.4.2 REQUEST TO UPDATE LOW VOLTAGE SERVICE RATES**

2 In this Application, Milton Hydro requests the OEB to approve the adjustment to its Low Voltage  
3 Service Rates (“LVSR”)<sup>12</sup> to smooth customer bill impacts and mitigate intergenerational  
4 inequity. While this request is usually dealt with in rebasing applications, there are merits that  
5 warrant consideration of the proposed approach in this Application. In particular, the proposed  
6 approach is in the best interest of Milton Hydro’s customers as it provides relief on a timely  
7 basis and smooths bill impacts that may result from rebasing Milton Hydro’s distribution rates  
8 in 2023. It is also consistent with the objective of standardizing accounting procedures to  
9 facilitate the disposition of accurate commodity pass-through variance account balances that  
10 enable the setting of accurate rates for customers and reducing rate volatility. The proposed  
11 LVSR Rate adjustments are consistent with the IRM application process, as they are  
12 mechanistic in nature and similar to the adjustments made to set Retail Transmission Service  
13 Rates (“RTSR”) rates.

14  
15 Over the past years, the OEB became aware of utilities’ inaccurate accounting practices to  
16 record balances in Group 1 commodity pass-through accounts. Inaccurately recorded Group  
17 1 account balances may cause volatility in customer bill impacts and intergenerational inequity  
18 upon disposition of the revised balances. To improve the accuracy of commodity pass-through  
19 variance account, in July 2018, the OEB issued standardized accounting guidance as to how  
20 commodity-related account balances should be captured on a timely basis.<sup>13</sup> The objective of  
21 the new standardized accounting procedures is ensure that distributors dispose of accurate  
22 commodity pass-through variance account balances on a timely basis to enable rate stability<sup>14</sup>.  
23 Accurate accounting practices lead to accurate balances, which in turn lead to smaller  
24 balances. The smaller balances at disposition, the less volatility in bill impacts to customers  
25 through disposition rate riders.

26  
27 The LV charge relates to the cost of a Host Distributor to distribute electricity to an Embedded  
28 Distributor. The variance between LV charges paid to Host Distributors and the LVSR billed to

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<sup>12</sup> LV Charges relate to USoA account 1550 LV Variance Account.

<sup>13</sup> OEB Letter dated February 21, 2019 re *Accounting Guidance related to Accounts 1588 RSVA Power, and 1589 RSVA Global Adjustment*.

<sup>14</sup> This includes among other things, ensuring that balances do not contain out of period transactions prior to their disposition.

1 customers each month are captured in the USoA 1550 LV Variance Account. Currently, the  
 2 LVSRs are set as part of rebasing rate applications and are not adjusted for 5 years until a  
 3 distributor rebases again. Given the LV charges paid to Host Distributors fluctuate regularly,  
 4 they typically give rise to variances in Account 1550 LV Variance Account. Similarly, Group 1  
 5 USoA 1584 RSVA Transmission Network and USoA 1586 RSVA Transmission Connection,  
 6 relate to variance between the RTSR billed to customers, and transmission costs paid to the  
 7 IESO and Host Distributors. As per Table 15 below, the variances in these two accounts are  
 8 relatively small because the OEB IRM Rate Generator Model has a mechanism built into it to  
 9 update the RTSR's annually. In Milton Hydro's case, the USoA 1550 LV Variance Account has  
 10 a significantly larger balance than USoA 1584 and 1586.

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<b>Table 15 - Balances of LV and Transmission Variance Accounts</b>	
<b>Group 1 Account</b>	<b>Amount requested for Disposition in 2022 IRM</b>
LV Variance Account	805,162.45
RSVA - Retail Transmission Network Charge	305,911.20
RSVA - Retail Transmission Connection Charge	31,938.04

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15 In order to minimize the balance of its Account 1550 LV Variance Account, and to set its LVSRs  
 16 to an appropriate level, Milton Hydro proposes to adjust the LVSRs annually by using the  
 17 previous years actual LV costs paid to its Host Distributor as the numerator dollar amount, and  
 18 then allocate this amount to customer classes on the same basis as the Transmission  
 19 Connection Charges, and then apply the previous years Transmission Connection  
 20 denominator volumes to calculate the LVSRs.

21

22 Table 16 below allocates the LV costs to customer classes in proportion to transmission  
 23 connection rate revenues, and then divides the amounts by class using the Transmission  
 24 Connection Billing Determinants to Calculate the LVSRs. Typically, electricity distributors  
 25 allocate LV costs and calculate LVSRs the same way in their cost of service applications. The  
 26 only difference is that during a rebasing year, forecasted LV costs and volumes are used to  
 27 calculate LVSRs. Given that LV costs for the most part can be volatile from year to year,

1 depending on a utilities requirements from a host distributor, LV costs can fluctuate annually.  
2 By recalculating LVSRs annually, based on the prior year historical actual cost will enable  
3 smoothing of those rates over time and reduce the balance of the USoA 1550 LV Variance  
4 Account. Table 17 below provides Milton Hydro's three most recent historical years of costs  
5 and billed demands by Host Distributors. The 2020 Actual costs were used to calculate the  
6 LVSRs for 2022.

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**Table 16 - Milton Hydro Distribution Inc. - 2022 Low Voltage Rate Calculation**

Rate Class	Unit	RTSR - Connection per kWh <sup>1</sup>	RTSR - Connection per kW <sup>1</sup>	Loss Adjusted Billed RTSR kWh <sup>2</sup>	Billed RTSR kW <sup>2</sup>	Basis for Allocation <sup>3</sup>	Allocation %	Allocated \$ Amount	Calculated LV Rate/kWh	Calculated LV Rate/kW
Residential Service Classification	\$/kWh	0.0067		368,795,615	-	2,476,780	40.54%	\$ 415,192	0.0011	
General Service Less Than 50 kW Service Classification	\$/kWh	0.0060		82,946,361	-	497,975	8.15%	\$ 83,477	0.0010	
General Service 50 To 999 kW Service Classification	\$/kW		2.7264		567,734	1,547,890	25.34%	\$ 259,478		0.4570
General Service 1,000 To 4,999 kW Service Classification	\$/kW		2.6821		278,404	746,699	12.22%	\$ 125,172		0.4496
Large Use Service Classification	\$/kW		2.9994		268,251	804,604	13.17%	\$ 134,879		0.5028
Unmetered Scattered Load Service Classification	\$/kWh	0.0060		1,107,919	-	6,651	0.11%	\$ 1,115	0.0010	
Sentinel Lighting Service Classification	\$/kW		1.8726		398	745	0.01%	\$ 125		0.3139
Street Lighting Service Classification	\$/kW		1.8340		15,143	27,773	0.45%	\$ 4,656		0.3074
						6,109,118	100.00%	\$ 1,024,093		

1 - Proposed 2022 RTSR Line and Transformation Connection Rates

2 - Quantities from most recent RRR filing

3 - As per forecast retail billing of RTSR Line and Transformation Connection. 2022 IRM Rate Generator, Tab 15. RTSR Rates to Forecast

2

3

**Table 17: Historical Low Voltage Volumes and Charges**

Year	Low Voltage Payments to Hydro One	Low Voltage Payments to Oakville Hydro	Low Voltage Payments to Host Distributors	Hydro One Billed Demand (kW)	Oakville Hydro Billed Demand (kW)	Total Host Distributor Billed Demand
2018	\$ 268,791	\$ 397,651	\$ 666,443	208,314	110,104	318,418
2019	\$ 517,133	\$ 243,827	\$ 760,960	287,776	89,114	376,889
2020	\$ 681,679	\$ 342,414	\$ 1,024,093	277,609	88,655	366,264
	\$ 1,467,604	\$ 983,893	\$ 2,451,497	773,698	287,873	1,061,571

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1 Because LV costs can be volatile, and they can shift over time; using a static forecast for the  
2 Test Year to set LVSRs will cause annual variances unless the actual costs and billing  
3 determinants remain at the same level as the Test Year (in a cost of service rate application)  
4 for the entire period of the IRM. Invariably annual variances will result in the USoA 1550 LV  
5 Variance Account. To minimize variances, a mechanistic adjustment to LVSRs could be done  
6 automatically, annually in the IRM Rate Generator Model by using the previous years actual  
7 LV costs to update the LVSRs and using the prior years RTSR Connection billing determinants.

8  
9 Although there is an inherent lag in performing these calculations, this approach will help  
10 reduce the balance in account 1550 LV Variance Account and will more closely match the  
11 actual costs, thereby reducing the balance in the variance account. This will help smooth bill  
12 impacts to customers. In Milton Hydro's case by adjusting the LVSRs in this Application, will  
13 enable smaller variances in account 1550 LV Variance Account. Also, rather than wait to adjust  
14 Milton Hydro's LVSRs in its 2023 Cost of Service Rate Application Milton Hydro is proposing  
15 to adjust the rate now, to help reduce the effect of adjusting the rate in 2023, since the LVSRs  
16 are currently too low.

17  
18 Milton Hydro proposes to make this adjustment in its IRM year because it is mechanistic in  
19 nature, similar to the way that RTSR's are set in the IRM Rate Generator Model. In addition,  
20 by adjusting the rate to reflect actual costs now, there will be less of an impact to customers  
21 rates and bills when Milton Hydro rebases in 2023.

## 22 23 **2022 RATES**

### 24 **PROPOSED DISTRIBUTION RATES AND OTHER CHARGES**

25 Milton Hydro has attached its proposed Tariff of Rates and Charges, to be effective January 1,  
26 2022, at Appendix C.

27 Milton Hydro calculated both the distribution charge impact and the customer total bill impact  
28 using the results from the 2022 IRM Rate Generator Model. A typical Residential customer using  
29 750 kWh would have a distribution rate increase of \$0.60 or 2.07% and a total bill increase of  
30 \$0.86 or 0.73% per month. A typical General Service < 50 kW customer using 2,000 kWh would  
31 have a distribution rate increase of \$10.20 or 18.40% and a total bill increase of \$10.19 or 3.51%  
32 per month.

1 The customer bill impacts for all classes are provided in detail in the Rate Generator Model Tab  
 2 20. Bill Impacts and are summarized in the following Table 3.  
 3

**Table 18: Customer Class bill Impact Summary**

CLASS	kWh	kW	Distribution Impact		Total Bill Impact	
			\$	%	\$	%
RESIDENTIAL - RPP	750		\$ 0.60	2.07%	\$ 0.86	0.73%
GENERAL SERVICE LESS THAN 50 KW - RPP	2,000		\$ 10.20	18.40%	\$ 10.19	3.51%
GENERAL SERVICE 50 TO 999 KW	50,000	150	\$ 53.19	9.30%	\$ 26.80	0.33%
GENERAL SERVICE 1,000 TO 4,999 KW	1,265,000	1800	\$ 576.18	12.08%	-\$ 607.83	-0.34%
LARGE USE	2,400,000	5400	\$ 1,732.32	15.49%	-\$ 773.33	-0.24%
UNMETERED SCATTERED LOAD	405		\$ -	0.00%	\$ 0.12	0.19%
SENTINEL LIGHTING	50	1	\$ -	0.00%	\$ 0.11	0.16%
STREET LIGHTING	468,398	1317	\$ 5,949.53	28.33%	\$ 6,245.19	7.27%
RESIDENTIAL - RPP	375		\$ 0.30	1.04%	\$ 0.43	0.59%
RESIDENTIAL - Retailer	750		\$ 0.60	2.07%	\$ 0.02	0.01%
GENERAL SERVICE LESS THAN 50 KW - Retailer	2,000		\$ 10.20	18.40%	\$ 9.53	2.73%

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6 **MINIMUM DISTRIBUTION CHARGE**

7 Milton Hydro has a Minimum Distribution Charge – per kW of maximum billing demand in the  
 8 previous 11 months. This rate needs to be updated and included in Milton Hydro’s tariff for  
 9 each of its General Service classes from 50 kW to its Large Use class. This rate has not been  
 10 adjusted by the Price Cap Index in the Rate Generator Model and typically Milton Hydro has  
 11 adjusted this rate manually.

12 Milton Hydro has applied the 2022 IRM Price Cap Index of 2.05% to the current charge and  
 13 included \$0.6554 per kW (\$0.6422 X 1.0205) in its proposed Tariff of Rates and Charges for  
 14 January 1, 2022.

15  
16  
17

1 **2022 IRM RATE GENERATOR MODEL**

2 Milton Hydro has completed the most current version of the 2022 IRM Rate Generator Model and  
3 provided both a hard copy at Appendix D and a live Excel version (by way of the RESS).

4  
5 **CONCLUSION**

6 Milton Hydro respectfully submits that it has complied with the Ontario Energy Board's Filing  
7 Requirements issued on June 24, 2021, with the two noted exceptions in section 3.4 above.

8 The proposed rates for the distribution of electricity reflect Milton Hydro's 2021 distribution rates  
9 adjusted for the Price Cap Index calculated on the Price Escalator less the Productivity Factor  
10 and Milton Hydro's Stretch Factor as provided for in the 2022 IRM Rate Generator Model based  
11 on a placeholder value until the OEB addresses the matter of what the inflation factor should be  
12 for 2022 IRM Rate applications<sup>15</sup>.

13 Milton Hydro's Retail Transmission Service Rates have been calculated in accordance with the  
14 Electricity Distribution Retail Transmission Service Rates Guideline G-2008-0001, Revision 4.0  
15 dated June 28, 2012 and the 2022 IRM Rate Generator Model.

16 Milton Hydro's Group 1 Deferral and Variance Account balances filed in this 2022 IRM Application  
17 total a credit balance of \$745,755 equivalent to (\$0.0008) per kWh, as calculated in "Tab 4. Billing  
18 Det. for Def-Var" in the 2022 IRM Rate Generator Model. The Threshold Test calculation outlined  
19 in the EDDVAR Report is +/- \$0.001 per kWh. Milton Hydro's total Group 1 Deferral and Variance  
20 Account balances do not meet the threshold test; however, currently, Milton Hydro is requesting  
21 to dispose of the Group 1 balances, as a number of account balances have been outstanding for  
22 a number of years, and Milton Hydro proposes to use the associated credit rate riders to help  
23 offset some of the other debit rate riders Milton Hydro is proposing in this rate application. Milton  
24 Hydro is proposing to increase its Low Voltage Service Rates and it is also seeking to recover  
25 amounts pertaining to a debit balance of Account 1568 LRAM-VA for 2020 of \$1,150,011. The

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<sup>15</sup> August 7, 2021 OEB hearing on its own motion to consider the inflation factor to be used to set rates for electricity transmitters and electricity and natural gas distributors for the year 2022.

1 credit rate rider for the Group 1 account balances will help mitigate the bill impact of the other two  
2 rate riders and this will allow for more bill stability when implementing the 2022 Rate Order.

3 Given that Milton Hydro has completed its work reviewing its commodity pass through account  
4 transactions, and it has made corrections to the accounts from 2016 to 2020, Milton Hydro now  
5 requests the final disposition of its 2020 Group 1 Balances. In addition, in the 2019 IRM  
6 proceeding Milton Hydro received approval for the disposition of Group 1 Account balances on  
7 an interim basis, Milton Hydro requests that the 2019 IRM Group 1 Account dispositions be made  
8 final at this time.

9 Milton Hydro has completed its review of the two sub accounts of Account 1595 that are eligible  
10 for disposition in this rate proceeding, i.e. 1595 (2016) and 1595 (2017) sub accounts, and has  
11 completed the Account 1595 Analysis Workform for the residual balances for the 2016 and 2017  
12 sub-accounts for principal and interest balances to the end of 2020 plus carrying charges for 2021  
13 to the end of December 31, 2021. The 1595 Analysis Workform is provided in live excel format  
14 as well as in PDF format in this application.

15 Milton Hydro has completed the 2022 IRM Rate Generator Model Tab 8. STS – Tax Change  
16 which has resulted in a zero (\$0.00) tax difference between 2016 and 2022 tax rates and therefore  
17 no tax sharing is required.

18 Milton Hydro is applying for disposition of Account 1568 – LRAMVA to recover lost revenues in  
19 the amount of \$1,150,011. Milton Hydro is requesting disposition of the net lost revenues from  
20 persistent savings in 2015 of programs offered in 2011 to 2014 and net lost revenues from savings  
21 resulting from programs offered in 2015-2020 including in-year results and persistence of savings  
22 to December 31, 2020. Carrying charges on these amounts through December 31, 2021 are also  
23 being claimed.

24 Milton Hydro requests to have its rate year aligned with its fiscal year, seeking approval for the  
25 implementation of rates with an effective date of January 1, 2022, as well as proposed credit  
26 rate riders to return amounts to customers associated with the January 1 implementation from  
27 January 1, 2022 to April 30, 2022, The primary reason for aligning its rate year in 2022 is  
28 because has previously advised the OEB that it intended to change its rate year to January 1,  
29 in its 2023 Cost of Service Rate Application. By aligning its 2022 rate year to the fiscal year  
30 will enable mitigation and smoothing of customer bill impacts between 2022 and 2023.

1 Milton Hydro also requests to update its Low Voltage Service Rates which were previously set  
2 in its 2016 Cost of Service Proceeding. Milton Hydro's reasons are because it is a mechanistic  
3 adjustment, Milton Hydro is currently carrying a debit balance in account 1550 LV Variance  
4 account and Milton Hydro wants to minimize future variances in this account, and finally, by  
5 increasing the LVSRs now, this will minimize impacts when implementing the 2023 Cost of  
6 Service Rate Order by adjusting LVSRs a year early.

7 Milton Hydro's Specific Service Charges are consistent with that which was approved by the OEB  
8 in Milton Hydro's 2021 Tariff of Rates and Charges, with the exception of the specific charge for  
9 access to the power poles and the Retail Service Charges which were adjusted by the OEB for  
10 inflation.

11 Milton Hydro submits that the rate impact on the customer classes does not exceed the 10%  
12 threshold and therefore no mitigation is required as set out in Table 18 above.

13

#### 14 **RELIEF SOUGHT**

15 Milton Hydro is making an Application for an Order or Orders to have the following approved:

- 16 • The proposed distribution rates and other charges set out in Appendix C to this Application as  
17 just and reasonable rates and charges pursuant to section 78 of the OEB Act, to be effective  
18 January 1, 2022, or as soon as possible thereafter; and

19 If the OEB is unable to provide a Decision and Order on this Application for implementation  
20 by Milton Hydro as of January 1, 2022, Milton Hydro requests that the OEB issue an Interim  
21 Order approving the proposed distribution rates and other charges, effective January 1, 2022,  
22 which may be subject to adjustment based on a final Decision and Order;

- 23 • Approval of the disposition of Milton Hydro's Group 1 Account balances from 2016 to 2020 on  
24 a final basis.

- 25 • Approval of its Rate Rider for Rate Year alignment in conjunction with its request to align its  
26 rate year with its fiscal year.

- 27 • Approval of its LRAM-VA Disposition Rate Rider,

- 1 • Approval of its adjustment to its LV Service Rate,  
2 • Approval of Milton Hydro's 2021 Retail Transmission Service Rates for Network and  
3 Connection charges as set out in Table 1 above;  
4

5 **FORM OF HEARING REQUESTED**

6 Milton Hydro respectfully requests that this application be decided by way of a written hearing.  
7

8 **Respectfully submitted this 12<sup>th</sup> day of August 2021.**  
9  
10

11 Dan Gopic, CPA, CMA  
12 Director, Regulatory Affairs  
13 Milton Hydro Distribution Inc.  
14

15 **Attachments**

16	Appendix A	Certification of Evidence
17	Appendix B	2021 Approved Tariff of Rates and Charges
18	Appendix C	2022 Proposed Tariff of Rates and Charges
19	Appendix D	2022 IRM Rate Generator Model
20	Appendix E	GA Analysis Workform Model
21	Appendix F	1595 Analysis Workform Model
22	Appendix G	2015-2020 LRAMVA Report and LRAM-VA OEB Model
23	Appendix H	Rate Rider for Rate Year Alignment Calculation
24	Appendix I	Updated Low Voltage Service Rates Calculation
25	Appendix J	2022 IRM Checklist

**Appendix**

# A

## Certification of Evidence







**MILTON HYDRO DISTRIBUTION INC. ("Milton Hydro")**

**APPLICATION FOR APPROVAL OF 2022 ELECTRICITY  
DISTRIBUTION RATES**

**EB-2021-0042**

**CERTIFICATION OF EVIDENCE**

I, Igor Rusic, VP Finance and Chief Financial Officer, hereby certify that the evidence filed in Milton Hydro Distribution Inc.'s 2022 IRM Electricity Distribution Rate Application is accurate, consistent and complete to the best of my knowledge and has been filed in accordance with Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications – 2021 Edition for 2022 Rate Applications issued June 24, 2021.

I also certify that Milton Hydro has processes and internal controls in place for the preparation, review, verification, and oversight of the account balances being disposed.

*Igor Rusic*

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Igor Rusic

Vice President Finance

**Appendix**

# **B**

## **Approved Tariff of Rates and Charges effective May 1, 2021**



**Schedule A**

**To Decision and Rate Order**

**Tariff of Rates and Charges**

**OEB File No: EB-2020-0039**

**DATED: March 25, 2021**

**Milton Hydro Distribution 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-2020-0039

## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to detached, semi-detached and townhouse residential buildings as defined in local zoning bylaws. A residential service is a single-family unit used for domestic or household purposes, including seasonal occupancy. At Milton Hydro's discretion, residential rates may be applied to apartment buildings with 6 or less units by simple application of the residential rate by blocking the residential rate by the number of units. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

Where the residential dwelling comprises the entire electrical load of a farm, it is defined as a residential service. Where the residential dwelling does not comprise the entire electrical load of the farm:

- The service will be defined as a General Service if the occupant derives his/her principal livelihood from the working of the farm;
- The service will be defined as a Residential Service if the occupant does not derive his/her principal livelihood from the working of the farm;
- Where the residential farm dwelling is supplied by one separately metered service and the electrical loads in other buildings are supplied by a different separately metered service, then the former is defined as a Residential Service and the latter is defined as a General Service.

## APPLICATION

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

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

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

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

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.97
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0086
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066

## 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

**Milton Hydro Distribution 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-2020-0039

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non-residential customer with an average peak demand below 50 kW over the past twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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	\$	17.82
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0188
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

### 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

**Milton Hydro Distribution 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-2020-0039

## **GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION**

This classification refers to a non-residential customer with an average peak demand equal to or greater than 50 kW and less than 1,000 kW over the past twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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	\$	84.09
Distribution Volumetric Rate	\$/kW	3.2543
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6293
Low Voltage Service Rate	\$/kW	0.2600
Retail Transmission Rate - Network Service Rate	\$/kW	3.5064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6794

**Milton Hydro Distribution Inc.**  
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**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2020-0039

## GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential customer with an average peak demand equal to or greater than 1,000 kW and less than 5,000 kW, regardless of when the demand occurs, averaged over twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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	\$	661.58
Distribution Volumetric Rate	\$/kW	2.2815
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6293
Low Voltage Service Rate	\$/kW	0.2558
Retail Transmission Rate - Network Service Rate	\$/kW	3.4485
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6358



**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2021**  
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EB-2020-0039

**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2020-0039

## LARGE USE SERVICE CLASSIFICATION

This classification refers to a non-residential customer with an average peak demand equal to or greater than 5,000 kW, regardless of when the demand occurs, averaged over twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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 the Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	2,641.90
Distribution Volumetric Rate	\$/kW	1.5817
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6293
Low Voltage Service Rate	\$/kW	0.2860
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.7344
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9477

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2020-0039

**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2020-0039

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to the supply of electricity to unmetered loads less than 50 kW including traffic signals and pedestrian X-walks signals/beacons, bus shelters, telephone booths, signs, Cable TV amplifiers and decorative lighting and tree lighting connected to Milton Hydro's distribution system, and similar small unmetered loads. 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)	\$	8.49
Distribution Volumetric Rate	\$/kWh	0.0180
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

### 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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2020-0039

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to all services supported to supply sentinel lighting equipment. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.46
Distribution Volumetric Rate	\$/kW	41.3404
Low Voltage Service Rate	\$/kW	0.1786
Retail Transmission Rate - Network Service Rate	\$/kW	2.3871
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8403

### 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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2021**  
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EB-2020-0039

## **STREET LIGHTING SERVICE CLASSIFICATION**

This classification refers to all services supplied to street lighting equipment owned by or operated for a municipality or the Province of Ontario. 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)	\$	2.60
Distribution Volumetric Rate	\$/kW	11.3814
Low Voltage Service Rate	\$/kW	0.1749
Retail Transmission Rate - Network Service Rate	\$/kW	2.3747
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8024

### **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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2021**  
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EB-2020-0039

**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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**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2020-0039

**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**

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
Statement of account	\$	15.00
Easement letter	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Special meter reads	\$	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 for non payment of account - at meter during regular hours	\$	65.00
Reconnection for non payment of account - at meter after regular hours	\$	185.00

**Other**

Optional interval/TOU meter charge \$/month	\$	5.50
Specific charge for access to the power poles - \$/pole/year - Approved on an Interim Basis (with the exception of wireless attachments)	\$	44.50
Clearance pole attachment charge \$/pole/year	\$	5.59



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**TARIFF OF RATES AND CHARGES**  
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EB-2020-0039

## RETAIL SERVICE CHARGES (if applicable)

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	1.0375
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0154
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0272
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0054

**Appendix**

**C**

**Proposed Tariff of Rates and  
Charges Effective January 1,  
2022**



**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2022**  
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EB-2021-0042

**RESIDENTIAL SERVICE CLASSIFICATION**

This classification refers to the supply of electrical energy to detached, semi-detached and townhouse residential buildings as defined in local zoning bylaws. A residential service is a single-family unit used for domestic or household purposes, including seasonal occupancy. At Milton Hydro's discretion, residential rates may be applied to apartment buildings with 6 or less units by simple application of the residential rate by blocking the residential rate by the number of units. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

Where the residential dwelling comprises the entire electrical load of a farm, it is defined as a residential service. Where the residential dwelling does not comprise the entire electrical load of the farm:

- The service will be defined as a General Service if the occupant derives his/her principal livelihood from the working of the farm;
- The service will be defined as a Residential Service if the occupant does not derive his/her principal livelihood from the working of the farm;
- Where the residential farm dwelling is supplied by one separately metered service and the electrical loads in other buildings are supplied by a different separately metered service, then the former is defined as a Residential Service and the latter is defined as a General Service.

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	29.56
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(0.59)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0011
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0004)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0090
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2021-0042

**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2021-0042

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

This classification refers to a non-residential customer with an average peak demand below 50 kW over the past twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	18.19
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(0.37)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0192
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kWh	0.0051
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0003)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kWh	(0.0002)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060

**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2022**  
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EB-2021-0042

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

This classification refers to a non-residential customer with an average peak demand equal to or greater than 50 kW and less than 1,000 kW over the past twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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	\$	85.81
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(1.72)
Distribution Volumetric Rate	\$/kW	3.3210
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6554
Low Voltage Service Rate	\$/kW	0.4570
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	0.3546
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.5907)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	0.4859
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kW	(0.0818)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kW	(0.0667)
Retail Transmission Rate - Network Service Rate	\$/kW	3.6525
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7264

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2021-0042

**GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to a non-residential customer with an average peak demand equal to or greater than 1,000 kW and less than 5,000 kW, regardless of when the demand occurs, averaged over twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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	\$	675.14
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(13.56)
Distribution Volumetric Rate	\$/kW	2.3283
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6554
Low Voltage Service Rate	\$/kW	0.4496
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	0.3201
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.1323)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022		
Applicable only for Class B Customers	\$/kW	(0.0271)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kW	(0.0468)
Retail Transmission Rate - Network Service Rate	\$/kW	3.5922
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6821



**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2021-0042

**LARGE USE SERVICE CLASSIFICATION**

This classification refers to a non-residential customer with an average peak demand equal to or greater than 5,000 kW, regardless of when the demand occurs, averaged over twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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 the Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	2,696.06
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(54.16)
Distribution Volumetric Rate	\$/kW	1.6141
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6554
Low Voltage Service Rate	\$/kW	0.5028
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	0.3208
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.1328)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kW	0.0018
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kW	(0.0324)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.8900
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9994

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2022**  
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EB-2021-0042

**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2021-0042

**UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

This classification refers to the supply of electricity to unmetered loads less than 50 kW including traffic signals and pedestrian X-walks signals/beacons, bus shelters, telephone booths, signs, Cable TV amplifiers and decorative lighting and tree lighting connected to Milton Hydro's distribution system, and similar small unmetered loads. 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)	\$	8.66
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(0.17)
Distribution Volumetric Rate	\$/kWh	0.0184
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0003)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060

**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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**SENTINEL LIGHTING SERVICE CLASSIFICATION**

This classification refers to all services supported to supply sentinel lighting equipment. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	5.57
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(0.11)
Distribution Volumetric Rate	\$/kW	42.1879
Low Voltage Service Rate	\$/kW	0.3139
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022		
Applicable only for Class B Customers	\$/kW	(0.0779)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.0959)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kW	(0.8475)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4866
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8726

**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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**STREET LIGHTING SERVICE CLASSIFICATION**

This classification refers to all services supplied to street lighting equipment owned by or operated for a municipality or the Province of Ontario. 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)	\$	2.65
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(0.05)
Distribution Volumetric Rate	\$/kW	11.6147
Low Voltage Service Rate	\$/kW	0.3074
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	5.0207
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.0953)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kW	(0.0783)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kW	(0.2333)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4736
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8340

**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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**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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**Milton Hydro Distribution Inc.**  
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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**

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
Statement of account	\$	15.00
Easement letter	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Special meter reads	\$	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 for non payment of account - at meter during regular hours	\$	65.00
Reconnection for non payment of account - at meter after regular hours	\$	185.00

**Other**

Optional interval/TOU meter charge \$/month	\$	5.50
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	45.48
Clearance pole attachment charge \$/pole/year	\$	5.59



**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2022**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2021-0042

**RETAIL SERVICE CHARGES (if applicable)**

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	\$	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	1.0375
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0154
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0272
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0054

**Appendix**

# D

## 2022 IRM Rate Generator Model



**Instructions for Tabs 1, 3 to 7**

Summary of Changes from the Prior Year	
1	Group 1 continuity schedule in tab 3 now shows total of Group 1 accounts, as well as total of Group 1 accounts requested for disposition.
2	The table in tab 6, 3a for transition customer consumption has been revised to show the periods "July to December" then "January to June", instead of "January to June" then "July to December" for each year.
3	The Incentive Rate-setting Application checklist now includes a check to ensure that the opening principal and interest amounts for Group 1 and 2 balances shown in the DVA Continuity Schedule, agree with the last applicable approved closing balances.

**Detailed Instructions for Each Tab**

Tab	Tab Details	Step	Details
1 - Information Sheet	This tab shows some information pertaining to the utility and the application.	1	<p>Complete the information sheet.</p> <p>a) <b>Questions 2 to 4</b> Responses to questions 2 to 4 will open the DVA continuity schedule in tab 3 to the appropriate year that DVA balances should first be inputted.</p> <p>The continuity schedule will open starting from the year balances were last approved for disposition, unless the last approved disposition was on an interim basis and there are changes to those balances. If that is the case, the continuity schedule will open from the year of last approved disposition on a final basis. A distributor must also provide an explanation for the change in the previously approved balance.</p> <p>b) <b>Questions 5 and 6</b> If the response to question 5 (GA) or 6 (CBR Class B) is yes, tab 6 relating to Class A customers' consumption will be generated. If the response to question 6 is yes, then tab 6.2 will also be generated. This tab will allocate and dispose the balance in Account 1580, sub-account CBR Class B through a separate rate rider using information inputted in tab 6, unless a rate rider is not produced. If the response to question 6 is no, then the balance in the Account 1580, sub-account CBR Class B will be allocated and disposed with Account 1580 WMS, as part of the general DVA rate rider</p>
3 - Continuity Schedule	This tab is the continuity schedule that shows all the accounts and the accumulation of the balances a utility has.	2	<p>Complete the DVA continuity schedule.</p> <p>a) <b>For all Group 1 accounts, except Account 1595:</b> The continuity schedule will open from the year the GL balance was last disposed. Start inputting the approved ending balances in the Adjustments column of that year. <i>For example, if in the 2021 rate application, DVA balances as of December 31, 2019 were approved for disposition, the continuity schedule will commence from 2019. Start by inputting the approved closing 2019 balances in the Adjustments column under 2019.</i></p> <p>b) <b>For all Account 1595 sub-accounts:</b> Complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2020, regardless of whether the account is being requested for disposition in the current application. The continuity schedule will open in the year of the earliest Account 1595 vintage year that has a balance. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). <i>For example, Account 1595 (2016) would accumulate a balance starting in 2016, when the relevant balances approved for disposition were first transferred into Account 1595 (2016). Input the amount approved for disposition in the OEB Approved Disposition column.</i></p> <p><i>Note that the DVA continuity schedule can currently start from 2015. If a utility has residual balance in an Account 1595 with a vintage year prior to 2015, include residual balances for years up to 2015 in the row for Account 1595 (2015 and pre-2015) and provide a separate schedule with amounts broken down by vintage year.</i></p>
		3	<p>Review any balance variance between the DVA continuity schedule and the RRR in column BW. Provide an explanation, if necessary.</p>
4 - Billing Determinant	This tab shows the billing determinants that will be used to allocate account balances and calculate rate riders.	4	<p>Confirm the accuracy of the RRR data used to populate the tab.</p>
		5	<p>Review the disposition threshold calculation. Select whether disposition is being requested or not in the drop down box.</p>
6 - Class A Data Consumption	This tab is to be completed if there were any Class A customers at any point during the period the GA balance or CBR Class B accumulated. The data on this tab is used for the purposes of determining the GA rate rider, CBR Class B rate rider (if applicable), as well as customer specific GA and CBR charges for transition customers (if applicable).	6	<p>This tab is generated when the utility selects yes to questions 5 or 6 in tab 1, indicating they had Class A customers during the period that the GA or CBR balance accumulated.</p>
		7	<p>Under #2a, indicate whether the utility had any customers that transitioned between Class A and B during the period the Account 1589 GA balance accumulated. If yes, tab 6.1a will be generated.</p>
		8	<p>Under #2b, indicate whether the utility had any customers that transitioned between Class A and B during the period the Account 1580, sub-account CBR Class B balance accumulated. If yes, tab 6.2a will be generated.</p>
		9	<p>Under #3a, enter the number of transition customers the utility had during the period the Account 1589 GA or Account 1580 CBR B balances accumulated. A table will be generated based on the number of customers.</p> <p>Complete the table accordingly for each transition customer identified (i.e. kWh/kw for half year periods, and the customer class during the half year). This data will automatically be used in the GA balance and CBR Class B balance allocation to transition customers in tabs 6.1a and 6.2a respectively. This data will also be used in the calculation of billing determinants for GA and CBR Class B balances, as applicable.</p> <p>Note that each transition customer identified in tab 6, table 3a will be assigned a customer number and the number will correspond to the same transition customer populated in tabs 6.1a and 6.2a.</p> <p>Also note that the transition customers identified for the GA may be different than those for CBR Class B. This would depend on the period in which the GA and CBR Class B balances accumulated.</p>
		9	<p>Under #3b, enter the number of rate classes in which there were full year Class A customers during the period the Account 1589 GA balance or Account 1580 CBR Class B balance accumulated. A table will be generated based on the number of rate classes.</p> <p>Complete the table accordingly for each rate class identified (i.e. total Class A consumption in the rate class identified for each year). This data will be used in the calculation of billing determinants for GA and CBR Class B, as applicable.</p>
6.1a - GA Allocation	This tab allocates the GA balance to each transition customer for the period in which these customers were Class B customers and contributed to the GA balance (i.e. former Class B customers but are now Class A customers and former Class A customers who are now Class B customers).	10	<p>This tab is generated when the utility indicates that they had transition customers in tab 6, #2a during the period the Account 1589 GA balance accumulated.</p> <p>In row 20, enter the Non-RPP consumption less WMP consumption.</p> <p>The rest of the information in this tab will be auto-populated and will calculate the customer specific allocation of the GA balance to transition customers in the bottom table. All transition customers who are allocated a specific GA amount are not to be charged the general Non-RPP Class B GA rate rider as calculated in tab 6.1.</p>
6.1 - GA	This tab calculates the GA rate rider to be applied to all non-RPP Class B customers (except for the transition customers allocated a customer specific balance in tab 6.1a).	11	<p>Enter the proposed rate rider recovery period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the GA rate riders are calculated accordingly based on whether there were any transition customers during the period that the GA balance accumulated.</p>
6.2a - CBR_B Allocation	This tab allocates the CBR Class B balance to each transition customer for the period in which these customers were Class B customers and contributed to the CBR Class B balance (i.e. former Class B customers but are now Class A customers and former Class A customers who are now Class B).	12	<p>This tab is generated when the utility indicates that they had transition customers in tab 6, #2b during the period where the CBR Class B balance accumulated.</p> <p>In row 19, enter the total Class B consumption less WMP consumption.</p> <p>The rest of the information in this tab will be auto-populated and will calculate the customer specific allocation of the CBR Class B balance to transition customers in the bottom table. All transition customers who are allocated a specific CBR Class B amount are not to be charged the general CBR Class B rate rider.</p>
6.2 - CBR	This tab calculates the CBR Class B rate rider if there were Class A customers at any point during the period that the CBR Class B balance accumulated.	13	<p>This tab is generated when the response to question 6 in tab 1 is "yes", indicating that they had Class A customers during the period that Account 1580, sub-account CBR Class B balance accumulated.</p> <p>No input is required in this tab. The information in the tab is auto-populated and the CBR Class B rate riders are calculated accordingly. If a rate rider is not produced, the entire Account 1580 CBR Class B balance, including the amount allocated to transition customers will be transferred to Account 1580 WMS, to be disposed through the general Group 1 DVA rate rider.</p>
5 - Allocating Def-Var Balances	This tab allocates the Group 1 balances, except GA and CBR Class B (if Class A customers exist).	14	<p>Review the allocated balances to ensure the allocation is appropriate. Note that the final allocation for Account 1580, sub-account CBR Class B is calculated after the completion of tabs 6 to 6.2a.</p>
7 - Calculation of Def-Var RR	This tab calculates the Group 1 rate riders, except for GA and CBR Class B (if Class A customers exist)	15	<p>Enter the proposed rate rider recovery period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the rate riders are calculated accordingly.</p>

# 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	Milton Hydro Distribution Inc.
Assigned EB Number	EB-2021-0042
Name of Contact and Title	Dan Gopic, Director of Regulatory Affairs
Phone Number	416-819-6762
Email Address	dangopic@miltonhydro.com
We are applying for rates effective	January 1, 2022
Rate-Setting Method	Price Cap IR
1. Select the last Cost of Service rebasing year.	2016

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

2015

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.

2015

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

2015

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 were 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.

2015

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

2014

(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: Milton Hydro Distribution Inc. is:

Partially Embedded Within

Hydro One Networks Inc., Oakville Hydro Electricity Distribution Inc. Distribution System(s)

8. Have you transitioned to fully fixed rates?

Yes

**Legend**

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

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

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



# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to detached, semi-detached and townhouse residential buildings as defined in local zoning bylaws. A residential service is a single-family unit used for domestic or household purposes, including seasonal occupancy. At Milton Hydro's discretion, residential rates may be applied to apartment buildings with 6 or less units by simple application of the residential rate by blocking the residential rate by the number of units. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

Where the residential dwelling comprises the entire electrical load of a farm, it is defined as a residential service. Where the residential dwelling does not comprise the entire electrical load of the farm:

- The service will be defined as a General Service if the occupant derives his/her principal livelihood from the working of the farm;
- The service will be defined as a Residential Service if the occupant does not derive his/her principal livelihood from the working of the farm;
- Where the residential farm dwelling is supplied by one separately metered service and the electrical loads in other buildings are supplied by a different separately metered service, then the former is defined as a Residential Service and the latter is defined as a General Service.

## APPLICATION

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

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

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

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

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.97
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0086
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066

## 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 customer with an average peak demand below 50 kW over the past twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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	\$	17.82
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0188
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

### 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 999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential customer with an average peak demand equal to or greater than 50 kW and less than 1,000 kW over the past twelve months. For a new customer without prior billing history, the peak demand will be based on the customer’s proposed capacity. 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	\$	84.09
Distribution Volumetric Rate	\$/kW	3.2543
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6293
Low Voltage Service Rate	\$/kW	0.2600
Retail Transmission Rate - Network Service Rate	\$/kW	3.5064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6794

#### 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 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential customer with an average peak demand equal to or greater than 1,000 kW and less than 5,000 kW, regardless of when the demand occurs, averaged over twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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	\$	661.58
Distribution Volumetric Rate	\$/kW	2.2815
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6293
Low Voltage Service Rate	\$/kW	0.2558
Retail Transmission Rate - Network Service Rate	\$/kW	3.4485
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6358

#### 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

## LARGE USE SERVICE CLASSIFICATION

This classification refers to a non-residential customer with an average peak demand equal to or greater than 5,000 kW, regardless of when the demand occurs, averaged over twelve months. For a new customer without prior billing history, the peak demand will be based on the customer’s proposed capacity. 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 the Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	2,641.90
Distribution Volumetric Rate	\$/kW	1.5817
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6293
Low Voltage Service Rate	\$/kW	0.2860
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.7344
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9477

## 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 the supply of electricity to unmetered loads less than 50 kW including traffic signals and pedestrian X-walks signals/beacons, bus shelters, telephone booths, signs, Cable TV amplifiers and decorative lighting and tree lighting connected to Milton Hydro's distribution system, and similar small unmetered loads. 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)	\$	8.49
Distribution Volumetric Rate	\$/kWh	0.0180
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

#### 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

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to all services supported to supply sentinel lighting equipment. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.46
Distribution Volumetric Rate	\$/kW	41.3404
Low Voltage Service Rate	\$/kW	0.1786
Retail Transmission Rate - Network Service Rate	\$/kW	2.3871
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8403

### 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 all services supplied to street lighting equipment owned by or operated for a municipality or the Province of Ontario. 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)	\$	2.60
Distribution Volumetric Rate	\$/kW	11.3814
Low Voltage Service Rate	\$/kW	0.1749
Retail Transmission Rate - Network Service Rate	\$/kW	2.3747
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8024

### 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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# Incentive Rate-setting Mechanism

## Rate Generator for 2022 Filers

### 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

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
Statement of account	\$	15.00
Easement letter	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Special meter reads	\$	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 for non payment of account - at meter during regular hours	\$	65.00
Reconnection for non payment of account - at meter after regular hours	\$	185.00

#### Other

Optional interval/TOU meter charge \$/month	\$	5.50
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	44.50
Clearance pole attachment charge \$/pole/year	\$	5.59



# Incentive Rate-setting Mechanism

## Rate Generator for 2022 Filers

### RETAIL SERVICE CHARGES (if applicable)

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	1.0375
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0154
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0272
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0054



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.

		<b>2015</b>									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit / (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments <sup>1</sup> during 2015	Closing Principal Balance as of Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Interest Jan 1 to Dec 31, 2015	OEB-Approved Disposition during 2015	Interest Adjustments <sup>1</sup> during 2015	Closing Interest Amounts as of Dec 31, 2015
<b>Group 1 Accounts</b>											
LV Variance Account	1550				1,015,061	1,015,061				16,915	16,915
Smart Metering Entity Charge Variance Account	1551				(33,749)	(33,749)				(87)	(87)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580				(1,988,938)	(1,988,938)				(63,307)	(63,307)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580					0					0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580					0					0
RSVA - Retail Transmission Network Charge	1584				1,378,472	1,378,472				64,480	64,480
RSVA - Retail Transmission Connection Charge	1586				683,241	683,241				32,970	32,970
RSVA - Power <sup>4</sup>	1588				(2,905,173)	(2,905,173)				(70,193)	(70,193)
RSVA - Global Adjustment <sup>4</sup>	1589				2,330,751	2,330,751				63,162	63,162
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595				131,793	131,793				13,467	13,467
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595					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
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	0	0	0	2,330,751	2,330,751	0	0	0	63,162	63,162
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		0	0	0	(1,851,085)	(1,851,085)	0	0	0	(19,223)	(19,223)
<b>Total Group 1 Balance requested for disposition</b>		0	0	0	479,666	479,666	0	0	0	43,939	43,939
<b>RSVA - Global Adjustment</b>		0	0	0	2,330,751	2,330,751	0	0	0	63,162	63,162
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		0	0	0	(1,719,292)	(1,719,292)	0	0	0	(5,756)	(5,756)
<b>Total Group 1 Balance</b>		0	0	0	611,459	611,459	0	0	0	57,406	57,406
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>										
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		0	0	0	479,666	479,666	0	0	0	43,939	43,939





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.

		<b>2016</b>									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit / (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments <sup>1</sup> during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments <sup>1</sup> during 2016	Closing Interest Amounts as of Dec 31, 2016
<b>Group 1 Accounts</b>											
LV Variance Account	1550	1,015,061	578,683	626,861		966,882	16,915	12,589	17,473		12,031
Smart Metering Entity Charge Variance Account	1551	(33,749)	(12,124)	(17,151)		(28,721)	(87)	(473)	(86)		(474)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,988,938)	33,550	(1,338,039)	(601,588)	(1,218,936)	(63,307)	(19,322)	(65,895)		(16,735)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	1,378,472	(154,870)	1,622,825		(399,223)	64,480	8,645	71,982		1,143
RSVA - Retail Transmission Connection Charge	1586	683,241	(7,486)	868,502		(192,746)	32,970	4,566	37,598		(62)
RSVA - Power <sup>4</sup>	1588	(2,905,173)	(670,446)	(1,257,424)	1,056,748	(1,261,448)	(70,193)	(36,301)	(70,503)		(35,991)
RSVA - Global Adjustment <sup>4</sup>	1589	2,330,751	224,003	2,170,192	(218,598)	165,964	63,162	24,031	70,569		16,624
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595	131,793	(216,696)			(84,903)	13,467	(226)			13,241
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0	(2,279,884)	(3,366,491)		1,086,607	0	(2,558)	83,372		(85,930)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	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
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	2,330,751	224,003	2,170,192	(218,598)	165,964	63,162	24,031	70,569	0	16,624
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		(1,851,085)	(2,512,577)	(2,860,915)	455,160	(1,047,586)	(19,223)	(32,854)	73,941	0	(126,017)
<b>Total Group 1 Balance requested for disposition</b>		479,666	(2,288,574)	(690,724)	236,562	(881,622)	43,939	(8,823)	144,509	0	(109,393)
<b>RSVA - Global Adjustment</b>		2,330,751	224,003	2,170,192	(218,598)	165,964	63,162	24,031	70,569	0	16,624
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		(1,719,292)	(2,729,273)	(2,860,915)	455,160	(1,132,489)	(5,756)	(33,080)	73,941	0	(112,776)
<b>Total Group 1 Balance</b>		611,459	(2,505,270)	(690,724)	236,562	(966,525)	57,406	(9,049)	144,509	0	(96,152)
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>					0					0
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		479,666	(2,288,574)	(690,724)	236,562	(881,622)	43,939	(8,823)	144,509	0	(109,393)



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.

		<b>2017</b>									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit / (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments <sup>1</sup> 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 <sup>1</sup> during 2017	Closing Interest Amounts as of Dec 31, 2017
<b>Group 1 Accounts</b>											
LV Variance Account	1550	966,882	240,857	388,200		819,540	12,031	9,919	5,135		16,815
Smart Metering Entity Charge Variance Account	1551	(28,721)	(12,336)	(16,597)		(24,461)	(474)	(295)	(245)		(524)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,218,936)	235,847	(650,899)	(1,046,087)	(1,378,277)	(16,735)	(3,372)	(6,959)		(13,148)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0	39		(39)	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0			(269,541)	(269,541)	0			(4,963)	(4,963)
RSVA - Retail Transmission Network Charge	1584	(399,223)	(101,646)	(244,354)		(256,516)	1,143	(4,260)	(11,085)		7,968
RSVA - Retail Transmission Connection Charge	1586	(192,746)	(118,493)	(185,261)		(125,978)	(62)	(2,330)	(7,345)		4,953
RSVA - Power <sup>4</sup>	1588	(1,261,448)	113,072	(1,647,749)	(157,634)	341,738	(35,991)	(20,998)	(23,857)		(33,132)
RSVA - Global Adjustment <sup>4</sup>	1589	165,964	1,113,582	160,559	(421,084)	697,904	16,624	3,612	(5,052)		25,288
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595	(84,903)				(84,903)	13,241	(704)			12,537
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	1,086,607	(1,004,004)			82,602	(85,930)	5,107			(80,823)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0	1,598,051	2,198,534		(600,483)	0	(6,505)	49,893		(56,398)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	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
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	165,964	1,113,582	160,559	(421,084)	697,904	16,624	3,612	(5,052)	0	25,288
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		(1,047,586)	951,348	2,433	(1,473,262)	(1,571,934)	(126,017)	(22,733)	5,537	(4,963)	(159,250)
<b>Total Group 1 Balance requested for disposition</b>		(881,622)	2,064,930	162,992	(1,894,346)	(874,030)	(109,393)	(19,121)	485	(4,963)	(133,963)
<b>RSVA - Global Adjustment</b>		165,964	1,113,582	160,559	(421,084)	697,904	16,624	3,612	(5,052)	0	25,288
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		(1,132,489)	951,348	2,433	(1,473,262)	(1,656,837)	(112,776)	(23,398)	5,537	(5,002)	(146,713)
<b>Total Group 1 Balance</b>		(966,525)	2,064,930	162,992	(1,894,346)	(958,933)	(96,152)	(19,786)	485	(5,002)	(121,425)
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	0				0	0				0
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		(881,622)	2,064,930	162,992	(1,894,346)	(874,030)	(109,393)	(19,121)	485	(4,963)	(133,963)



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.

		<b>2018</b>									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2018	Transactions Debit / (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments <sup>1</sup> 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 <sup>1</sup> during 2018	Closing Interest Amounts as of Dec 31, 2018
<b>Group 1 Accounts</b>											
LV Variance Account	1550	819,540	111,191			930,730	16,815	16,058			32,873
Smart Metering Entity Charge Variance Account	1551	(24,461)	(29,822)			(54,283)	(524)	(711)			(1,235)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,378,277)	884,598		(1,062,593)	(1,556,272)	(13,148)	9,254			(3,894)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(269,541)	(36,062)			(305,603)	(4,963)	(2,866)		10	(7,819)
RSVA - Retail Transmission Network Charge	1584	(256,516)	15,088			(241,428)	7,968	(6,005)			1,963
RSVA - Retail Transmission Connection Charge	1586	(125,978)	82,084			(43,894)	4,953	(1,175)			3,778
RSVA - Power <sup>4</sup>	1588	341,738	(1,009,391)		1,053,449	385,795	(33,132)	(21,787)			(54,919)
RSVA - Global Adjustment <sup>4</sup>	1589	697,904	452,497		(843,073)	307,327	25,288	19,428			44,716
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595	(84,903)				(84,903)	12,537	(996)		839	12,380
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	82,602	2,628			85,231	(80,823)	(3,492)			(84,315)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	(600,483)	686,595			86,112	(56,398)	2,155			(54,243)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	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
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	697,904	452,497	0	(843,073)	307,327	25,288	19,428	0	0	44,716
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		(1,571,934)	706,908	0	(9,144)	(874,170)	(159,250)	(8,569)	0	10	(167,809)
<b>Total Group 1 Balance requested for disposition</b>		(874,030)	1,159,405	0	(852,218)	(566,842)	(133,963)	10,859	0	10	(123,094)
<b>RSVA - Global Adjustment</b>		697,904	452,497	0	(843,073)	307,327	25,288	19,428	0	0	44,716
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		(1,656,837)	706,908	0	(9,144)	(959,073)	(146,713)	(9,565)	0	849	(155,429)
<b>Total Group 1 Balance</b>		(958,933)	1,159,405	0	(852,218)	(651,745)	(121,425)	9,863	0	849	(110,713)
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	0				0	0				0
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		(874,030)	1,159,405	0	(852,218)	(566,842)	(133,963)	10,859	0	10	(123,094)



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.

		<b>2019</b>									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2019	Transactions Debit / (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments <sup>1</sup> 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 <sup>1</sup> during 2019	Closing Interest Amounts as of Dec 31, 2019
<b>Group 1 Accounts</b>											
LV Variance Account	1550	930,730	227,431	819,540		338,621	32,873	13,126	38,007		7,992
Smart Metering Entity Charge Variance Account	1551	(54,283)	(17,909)	(24,460)		(47,732)	(1,235)	(1,094)	(1,156)		(1,173)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,556,272)	(1,057,613)	269,398	1,062,593	(1,820,689)	(3,894)	5,756	(6,181)		8,043
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0	0			0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(305,603)	(262,539)	(269,541)		(298,601)	(7,819)	(13,601)	(11,933)		(9,487)
RSVA - Retail Transmission Network Charge	1584	(241,428)	190,225	(256,515)		205,312	1,963	(1,481)	1,335		(852)
RSVA - Retail Transmission Connection Charge	1586	(43,894)	(814)	(125,978)		81,270	3,778	(2,018)	1,696		65
RSVA - Power <sup>4</sup>	1588	385,795	(437,497)	(557,375)	441,608	947,281	(54,919)	(12,808)	(47,545)		(20,182)
RSVA - Global Adjustment <sup>4</sup>	1589	307,327	(87,453)	1,337,585	609,740	(507,971)	44,716	42,314	59,875		27,154
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595	(84,903)		(84,903)		(0)	12,380	(2,704)	10,342		(666)
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	85,231	(0)	82,602		2,628	(84,315)	5,574	(78,687)		(54)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	86,112	(132,080)			(45,968)	(54,243)	1,935			(52,308)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	0	(786,837)	(1,190,353)		403,516	0	(21,543)	(32,247)		10,704
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	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
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	307,327	(87,453)	1,337,585	609,740	(507,971)	44,716	42,314	59,875	0	27,154
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		(874,170)	(1,490,797)	(62,329)	1,504,201	(798,436)	(167,809)	(4,611)	(104,464)	0	(67,956)
<b>Total Group 1 Balance requested for disposition</b>		(566,842)	(1,578,250)	1,275,256	2,113,941	(1,306,408)	(123,094)	37,703	(44,589)	0	(40,802)
<b>RSVA - Global Adjustment</b>		307,327	(87,453)	1,337,585	609,740	(507,971)	44,716	42,314	59,875	0	27,154
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		(959,073)	(2,277,634)	(1,337,585)	1,504,201	(394,921)	(155,429)	(28,858)	(126,369)	0	(57,917)
<b>Total Group 1 Balance</b>		(651,745)	(2,365,087)	0	2,113,941	(902,892)	(110,713)	13,456	(66,494)	0	(30,763)
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	0				0	0				0
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		(566,842)	(1,578,250)	1,275,256	2,113,941	(1,306,408)	(123,094)	37,703	(44,589)	0	(40,802)



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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		<b>2020</b>									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2020	Transactions Debit / (Credit) during 2020	OEB-Approved Disposition during 2020	Principal Adjustments <sup>1</sup> 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 <sup>1</sup> during 2020	Closing Interest Amounts as of Dec 31, 2020
<b>Group 1 Accounts</b>											
LV Variance Account	1550	338,621	448,396			787,017	7,992	5,667			13,660
Smart Metering Entity Charge Variance Account	1551	(47,732)	(8,548)			(56,280)	(1,173)	(683)			(1,856)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,820,689)	(607,669)			(2,428,359)	8,043	(13,197)		2,152	(3,002)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0	0			0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(298,601)	157,505			(141,096)	(9,487)	4,844			(4,643)
RSVA - Retail Transmission Network Charge	1584	205,312	97,253			302,565	(852)	2,473			1,621
RSVA - Retail Transmission Connection Charge	1586	81,270	(49,595)			31,674	65	18			83
RSVA - Power <sup>4</sup>	1588	947,281	(801,111)		907,598	1,053,767	(20,182)	(23,673)			(43,855)
RSVA - Global Adjustment <sup>4</sup>	1589	(507,971)	479,939		(300,291)	(328,324)	27,154	13,410			40,564
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595	(0)				(0)	(666)	666			0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	2,628				2,628	(54)	(1,528)			(1,582)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	(45,968)	132,084			86,116	(52,308)	(212)			(52,520)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	403,516	(514,377)			(110,861)	10,704	1,174			11,878
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	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
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	(507,971)	479,939	0	(300,291)	(328,324)	27,154	13,410	0	0	40,564
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		(798,436)	(631,686)	0	907,598	(522,525)	(67,956)	(26,291)	0	2,152	(92,095)
<b>Total Group 1 Balance requested for disposition</b>		(1,306,408)	(151,747)	0	607,306	(850,848)	(40,802)	(12,881)	0	2,152	(51,531)
<b>RSVA - Global Adjustment</b>		(507,971)	479,939	0	(300,291)	(328,324)	27,154	13,410	0	0	40,564
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		(394,921)	(1,146,063)	0	907,598	(633,386)	(57,917)	(24,451)	0	2,152	(80,216)
<b>Total Group 1 Balance</b>		(902,892)	(666,124)	0	607,306	(961,709)	(30,763)	(11,041)	0	2,152	(39,652)
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	0		0	1,097,610	1,097,610	0			52,402	52,402
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		(1,306,408)	(151,747)	0	1,704,916	246,761	(40,802)	(12,881)	0	54,554	870



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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Please refer to the footnotes for further instructions.

Account Descriptions	Account Number	2021				Projected Interest on Dec-31-2020 Balances				Account Disposition: Yes/No?
		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 <sup>2</sup>	Projected Interest from Jan 1, 2022 to Apr 30, 2022 on Dec 31, 2020 balance adjusted for disposition during 2021 <sup>2</sup>	Total Interest	Total Claim	
<b>Group 1 Accounts</b>										
LV Variance Account	1550			787,017	13,660	4,486		18,146	805,162	
Smart Metering Entity Charge Variance Account	1551			(56,280)	(1,856)	(321)		(2,177)	(58,457)	
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580			(2,428,359)	(3,002)	(13,842)		(16,843)	(2,445,202)	
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580			0	0			0	0	
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580			(141,096)	(4,643)	(804)		(5,448)	(146,543)	
RSVA - Retail Transmission Network Charge	1584			302,565	1,621	1,725		3,346	305,911	
RSVA - Retail Transmission Connection Charge	1586			31,674	83	181		264	31,938	
RSVA - Power <sup>4</sup>	1588			1,053,767	(43,855)	6,006		(37,849)	1,015,918	
RSVA - Global Adjustment <sup>4</sup>	1589			(328,324)	40,564	(1,871)		38,693	(289,631)	
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595			(0)	0			0	0	No
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595			2,628	(1,582)	15		(1,567)	1,061	Yes
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595			86,116	(52,520)	491		(52,029)	34,087	Yes
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595			0	0			0	0	No
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595			(110,861)	11,878	(632)		11,246	0	No
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595			0	0			0	0	No
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595									No
<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	No
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	0	0	(328,324)	40,564	(1,871)	0	38,693	(289,631)	
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		0	0	(522,525)	(92,095)	(2,063)	0	(94,158)	(456,124)	
<b>Total Group 1 Balance requested for disposition</b>		0	0	(850,848)	(51,531)	(3,935)	0	(55,466)	(745,755)	
<b>RSVA - Global Adjustment</b>		0	0	(328,324)	40,564	(1,871)	0	38,693		
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		0	0	(633,386)	(80,216)	(2,695)	0	(82,911)		
<b>Total Group 1 Balance</b>		0	0	(961,709)	(39,652)	(4,567)	0	(44,219)		
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>			1,097,610	52,402			52,402	1,150,011	
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		0	0	246,761	870	(3,935)	0	(3,064)	404,256	



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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		2.1.7 RRR <sup>5</sup>	
Account Descriptions	Account Number	As of Dec 31, 2020	Variance RRR vs. 2020 Balance (Principal + Interest)
<b>Group 1 Accounts</b>			
LV Variance Account	1550	800,677	1
Smart Metering Entity Charge Variance Account	1551	(58,134)	2 <i>Please provide an explanation of the variance in the Manager's Summary</i>
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(929,423)	1,501,937 <i>The variance does not match the value in cell BV25. Please provide an explanation of the variance in the</i>
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0	(0)
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(145,738)	1
RSVA - Retail Transmission Network Charge	1584	304,188	1 <i>Please provide an explanation of the variance in the Manager's Summary</i>
RSVA - Retail Transmission Connection Charge	1586	31,757	(1)
RSVA - Power <sup>4</sup>	1588	(2,291,855)	(3,301,767) <i>Please provide an explanation of the variance in the Manager's Summary</i>
RSVA - Global Adjustment <sup>4</sup>	1589	885,547	1,173,307 <i>Please provide an explanation of the variance in the Manager's Summary</i>
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595	0	(0)
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	1,045	(1)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	33,596	0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0	0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	(98,982)	1
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0	0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595	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
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	885,547	1,173,307
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		(2,207,131)	(1,592,511)
<b>Total Group 1 Balance requested for disposition</b>		(1,321,584)	(419,205)
<b>RSVA - Global Adjustment</b>			
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		(\$1,321,584)	
<b>Total Group 1 Balance</b>			
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>		(1,150,011) <i>Please provide an explanation of the variance in the Manager's Summary</i>
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		(1,321,584)	(1,569,216)

## 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)	1595 Recovery Proportion (2016) <sup>1</sup>	1595 Recovery Proportion (2017) <sup>1</sup>	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	355,465,653	0	5,594,534	0	0	0	355,465,653	0	20%	38%	290,935	38,063
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	79,948,300	0	12,749,685	0	0	0	79,948,300	0	6%	11%	406,534	2,781
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	214,341,939	567,734	183,363,920	489,189	4,342,865	9,041	209,999,074	558,693	46%	21%	201,331	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	128,197,959	278,404	128,197,959	278,404	0	0	128,197,959	278,404	24%	12%	89,123	
LARGE USE SERVICE CLASSIFICATION	kW	129,192,650	268,251	129,192,650	268,251	0	0	129,192,650	268,251	2%	17%	86,059	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,067,874	0	137,247	0	0	0	1,067,874	0	0%	0%	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	143,264	398	0	0	0	0	143,264	398	0%	0%	0	0
STREET LIGHTING SERVICE CLASSIFICATION	kW	5,438,441	15,143	5,438,441	15,143	0	0	5,438,441	15,143	3%	1%	76,029	
<b>Total</b>		913,796,080	1,129,930	464,674,436	1,050,987	4,342,865	9,041	909,453,215	1,120,889	100%	100%	1,150,011	40,844

**Threshold Test**

Total Claim (including Account 1568)

Total Claim for Threshold Test (All Group 1 Accounts)

Threshold Test (Total claim per kWh) <sup>2</sup>

(\$745,755)

(\$0.0008) 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

<sup>1</sup> Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

<sup>2</sup> The Threshold Test does not include the amount in 1568.

<sup>3</sup> 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 worksheet 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 Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP			allocated based on Total less WMP					
				1550	1551	1580	1584	1586	1588	1595_(2016)	1595_(2017)	1568
RESIDENTIAL SERVICE CLASSIFICATION	38.9%	93.2%	39.1%	313,207	(54,476)	(955,723)	118,999	12,424	397,078	211	12,936	290,935
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	8.7%	6.8%	8.8%	70,444	(3,980)	(214,953)	26,764	2,794	89,307	63	3,739	406,534
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	23.5%	0.0%	23.1%	188,861	0	(564,614)	71,755	7,491	234,583	483	7,254	201,331
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	14.0%	0.0%	14.1%	112,958	0	(344,680)	42,917	4,481	143,205	249	4,029	89,123
LARGE USE SERVICE CLASSIFICATION	14.1%	0.0%	14.2%	113,834	0	(347,354)	43,250	4,515	144,317	20	5,802	86,059
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	941	0	(2,871)	357	37	1,193	1	51	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	126	0	(385)	48	5	160	1	7	0
STREET LIGHTING SERVICE CLASSIFICATION	0.6%	0.0%	0.6%	4,792	0	(14,622)	1,821	190	6,075	32	269	76,029
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>805,162</b>	<b>(58,457)</b>	<b>(2,445,202)</b>	<b>305,911</b>	<b>31,938</b>	<b>1,015,918</b>	<b>1,061</b>	<b>34,087</b>	<b>1,150,011</b>

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



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 1589 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).

3

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			2020	2019	2018	2017	2016
Rate Class							
Rate Class 1	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	7,180,551	7,043,763	2,732,743	-	-
		kW	18,444	17,926	8,448	-	-
Rate Class 2	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	120,906,539	119,704,650	70,817,241	-	-
		kW	237,845	251,649	150,502	-	-
Rate Class 3	LARGE USE SERVICE CLASSIFICATION	kWh	129,295,108	144,541,052	138,520,301	136,201,087	138,665,504
		kW	255,433	271,203	259,421	263,695	259,410

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Year the Account 1589 GA Balance Last Disposed 2015

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

		Total	2020	2019	2018	2017	2016
Non-RPP Consumption Less WMP Consumption	A	2,377,908,099	464,674,436	499,845,382	484,082,172	464,480,819	464,825,290
Less Class A Consumption for Partial Year Class A Customers	B	75,796,294	5,925,387	5,554,648	28,080,116	36,236,143	-
Less Consumption for Full Year Class A Customers	C	1,015,613,538	257,383,197	271,289,465	212,070,285	136,201,087	138,669,504
<b>Total Class B Consumption for Years During Balance Accumulation</b>	D = A-B-C	1,286,498,267	201,365,852	223,001,269	243,931,771	292,043,589	326,155,786
All Class B Consumption for Transition Customers	E	273,885,333	4,056,387	12,480,971	41,090,056	92,527,014	123,730,906
<b>Transition Customers' Portion of Total Consumption</b>	F = E/D	<b>21.29%</b>					

**Allocation of Total GA Balance \$**

Total GA Balance	G	\$	289,631
Transition Customers Portion of GA Balance	H=F*G	\$	61,660
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	\$	227,971

**Allocation of GA Balances to Class A/B Transition Customers**

# of Class A/B Transition Customers	16										
Customer	Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2020	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2019	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2018	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2017	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2016	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments		
Customer 1	17,433,276	0	0	0	5,644,845	11,788,431	6.37%	\$	3,925	\$	327
Customer 2	16,482,070	0	0	0	5,251,321	11,230,748	6.02%	\$	3,711	\$	309
Customer 3	16,366,330	299,729	2,266,322	0	4,294,335	9,505,943	5.98%	\$	3,685	\$	307
Customer 4	15,385,358	0	0	0	6,274,423	9,110,935	5.62%	\$	3,464	\$	289
Customer 5	16,987,135	0	0	0	5,903,862	11,083,273	6.20%	\$	3,824	\$	319
Customer 6	9,166,623	0	0	0	3,079,592	6,087,031	3.35%	\$	2,064	\$	172
Customer 7	8,687,070	0	0	0	3,370,920	5,316,150	3.17%	\$	1,956	\$	163
Customer 8	4,205,585	0	0	0	1,408,455	2,797,129	1.54%	\$	947	\$	79
Customer 9	43,436,087	0	0	8,071,880	17,623,350	17,740,856	15.86%	\$	9,779	\$	815
Customer 10	30,070,122	0	0	7,629,412	7,999,412	14,441,299	10.98%	\$	6,770	\$	564
Customer 11	22,532,485	1,468,698	2,208,337	5,223,527	6,571,720	7,060,203	8.23%	\$	5,073	\$	423
Customer 12	19,866,833	0	0	4,199,956	7,934,996	7,731,882	7.25%	\$	4,473	\$	373
Customer 13	10,450,524	0	0	2,110,718	4,145,922	4,193,884	3.82%	\$	2,353	\$	196
Customer 14	8,234,324	0	0	3,739,437	4,160,589	334,298	3.01%	\$	1,854	\$	154
Customer 15	9,944,430	0	2,113,194	4,135,522	3,657,428	38,286	3.63%	\$	2,239	\$	187
Customer 16	24,637,083	2,287,960	5,893,117	5,893,117	5,979,604	5,205,844	9.00%	\$	5,547	\$	462
<b>Total</b>	<b>273,885,333</b>	<b>4,056,387</b>	<b>12,480,971</b>	<b>41,090,056</b>	<b>92,527,014</b>	<b>123,730,906</b>	<b>100.00%</b>	<b>\$</b>	<b>61,660</b>		

# 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 2020 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2020 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider		
	kWh	kWh	kWh	kWh					
RESIDENTIAL SERVICE CLASSIFICATION	kWh	5,594,534	0	0	5,594,534	2.8%	(\$6,464)	(\$0.0012)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	12,749,685	0	0	12,749,685	6.5%	(\$14,731)	(\$0.0012)	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	183,363,920	7,180,551	6,021,217	170,162,152	86.2%	(\$196,605)	(\$0.0012)	kWh
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	128,197,959	120,906,539	3,960,557	3,330,863	1.7%	(\$3,848)	(\$0.0012)	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	129,192,650	129,296,108	0	(103,458)	-0.1%	\$120	(\$0.0012)	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	137,247	0	0	137,247	0.1%	(\$159)	(\$0.0012)	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kWh	5,438,441	0	0	5,438,441	2.8%	(\$6,284)	(\$0.0012)	kWh
<b>Total</b>		464,674,436	257,383,197	9,981,774	197,309,464	100.0%	(\$227,971)		

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Year Account 1580 CBR Class B was Last Disposed 2015

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

		Total	2020	2019	2018	2017	2016
Total Consumption Less WMP Consumption	A	4,452,688,962	909,453,215	908,021,376	907,643,863	857,233,215	870,337,293
Less Class A Consumption for Partial Year Class A Customers	B	75,796,294	5,925,387	5,554,648	28,080,116	36,236,143	-
Less Consumption for Full Year Class A Customers	C	1,015,613,538	257,383,197	271,289,465	212,070,285	136,201,087	138,669,504
<b>Total Class B Consumption for Years During Balance Accumulation</b>	D = A-B-C	3,361,279,130	646,144,631	631,177,263	667,493,462	684,795,985	731,667,789
All Class B Consumption for Transition Customers	E	150,154,429	4,056,387	12,480,971	41,090,056	92,527,014	1
<b>Transition Customers' Portion of Total Consumption</b>	F = E/D	<b>4.47%</b>					

### Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$ 146,543
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$ 6,546
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$ 139,997

### Allocation of CBR Class B Balances to Transition Customers

Customer	# of Class A/B Transition Customers	16	Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2020	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2019	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2018	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2017	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2016	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Monthly Equal Payments
Customer 1			17,433,276	-	-	-	5,644,845	11,788,431	6.37%	-\$ 417	35
Customer 2			16,482,070	-	-	-	5,251,321	11,230,748	6.02%	-\$ 394	33
Customer 3			16,366,330	299,729	2,266,322	-	4,294,335	9,505,943	5.98%	-\$ 391	33
Customer 4			15,385,358	-	-	-	6,274,423	9,110,935	5.62%	-\$ 368	31
Customer 5			16,987,135	-	-	-	5,903,862	11,083,273	6.20%	-\$ 406	34
Customer 6			9,166,623	-	-	-	3,079,592	6,087,031	3.35%	-\$ 219	18
Customer 7			8,687,070	-	-	-	3,379,920	5,316,150	3.17%	-\$ 208	17
Customer 8			4,205,585	-	-	-	1,408,455	2,797,129	1.54%	-\$ 101	8
Customer 9			43,436,087	-	-	8,071,880	17,623,350	17,740,856	15.86%	-\$ 1,038	87
Customer 10			30,070,122	-	-	7,629,412	7,999,412	14,441,299	10.98%	-\$ 719	60
Customer 11			22,532,485	1,468,698	2,208,337	5,223,527	6,571,720	7,060,203	8.23%	-\$ 539	45
Customer 12			19,866,833	-	-	4,199,956	7,934,996	7,731,882	7.25%	-\$ 475	40
Customer 13			10,450,524	-	-	2,110,718	4,145,922	4,193,884	3.82%	-\$ 250	21
Customer 14			8,234,324	-	-	3,739,437	4,160,589	334,298	3.01%	-\$ 197	16
Customer 15			9,944,430	-	2,113,194	4,135,522	3,657,428	38,266	3.63%	-\$ 238	20
Customer 16			24,637,083	2,287,960	5,893,117	5,979,604	5,205,844	5,270,558	9.00%	-\$ 589	49
<b>Total</b>			<b>273,885,333</b>	<b>4,056,387</b>	<b>12,480,971</b>	<b>41,090,056</b>	<b>92,527,014</b>	<b>123,730,906</b>	<b>100.00%</b>	<b>-\$ 6,546</b>	<b>546</b>

## 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

2015

		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	355,465,653	0	0	0	0	0	355,465,653	0	55.4%	(\$77,504)	(\$0.0002)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	79,948,300	0	0	0	0	0	79,948,300	0	12.5%	(\$17,431)	(\$0.0002)	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	209,999,074	558,693	7,180,551	18,444	6,021,217	15,427	196,797,306	524,822	30.6%	(\$42,908)	(\$0.0818)	kW
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	128,197,959	278,404	120,906,539	237,845	3,960,557	13,745	3,330,863	26,813	0.5%	(\$726)	(\$0.0271)	kW
LARGE USE SERVICE CLASSIFICATION	kW	129,192,650	268,251	129,296,108	255,433	0	0	(103,458)	12,818	0.0%	\$23	\$0.0018	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,067,874	0	0	0	0	0	1,067,874	0	0.2%	(\$233)	(\$0.0002)	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	143,264	398	0	0	0	0	143,264	398	0.0%	(\$31)	(\$0.0779)	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	5,438,441	15,143	0	0	0	0	5,438,441	15,143	0.8%	(\$1,186)	(\$0.0783)	kW
<b>Total</b>		<b>909,453,215</b>	<b>1,120,889</b>	<b>257,383,197</b>	<b>511,722</b>	<b>9,981,774</b>	<b>29,172</b>	<b>642,088,243</b>	<b>579,994</b>	<b>100.0%</b>	<b>(\$139,996)</b>		

# 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 <sup>2</sup>	Allocation of Group 1 Account Balances to Non-WMP Classes Only (if Applicable) <sup>2</sup>	Deferral/Variance Account Rate		Account 1568 Rate Rider	Revenue Reconciliation <sup>1</sup>
								Account Rate Rider <sup>2</sup>	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) <sup>2</sup>		
RESIDENTIAL SERVICE CLASSIFICATION	kWh	355,465,653	0	355,465,653	0	(155,343)		(0.0004)	0.0000	0.0008	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	79,948,300	0	79,948,300	0	(25,821)		(0.0003)	0.0000	0.0051	
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	214,341,939	567,734	209,999,074	558,693	275,844	(330,032)	0.4859	(0.5907)	0.3546	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	128,197,959	278,404	128,197,959	278,404	(36,841)		(0.1323)	0.0000	0.3201	
LARGE USE SERVICE CLASSIFICATION	kW	129,192,650	268,251	129,192,650	268,251	(35,616)		(0.1328)	0.0000	0.3208	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,067,874	0	1,067,874	0	(291)		(0.0003)	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	143,264	398	143,264	398	(38)		(0.0959)	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	5,438,441	15,143	5,438,441	15,143	(1,443)		(0.0953)	0.0000	5.0207	(294,587.00)

<sup>1</sup> 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.

<sup>2</sup> 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

	2016	2022
<b>OEB-Approved Rate Base</b>	\$ 88,568,441	\$ 88,568,441
<b>OEB-Approved Regulatory Taxable Income</b>	\$ 705,047	\$ 705,047
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) <sup>1,2</sup>		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.2%
Ontario Small Business Rate (calculated effective rate) <sup>1,2</sup>		11.5%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 105,757
Provincial Taxes Payable		\$ 81,080
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	26.5%	26.5%
Total Income Taxes Payable	\$ 186,837	\$ 186,837
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$ -
<b>Income Tax Provision</b>	\$ 186,837	\$ 186,837
<b>Grossed-up Income Taxes</b>	\$ 254,201	\$ 254,201
<b>Incremental Grossed-up Tax Amount</b>		\$ -
<b>Sharing of Tax Amount (50%)</b>		<b>\$ -</b>

### 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							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
LARGE USE SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
<b>Total</b>		0	0	0				0	0	0	0		0.0%	0.0%	0.0%

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	355,465,653		0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	79,948,300		0	0.0000 kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	214,341,939	567,734	0	0.0000 kW
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	128,197,959	278,404	0	0.0000 kW
LARGE USE SERVICE CLASSIFICATION	kW	129,192,650	268,251	0	0.0000 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,067,874		0	0.0000 kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	143,264	398	0	0.0000 kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	5,438,441	15,143	0	0.0000 kW
<b>Total</b>		913,796,080	1,129,930	\$0	

# 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	0.0086	355,465,653	0	1.0375	368,795,615
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066	355,465,653	0	1.0375	368,795,615
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	79,948,300	0	1.0375	82,946,361
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	79,948,300	0	1.0375	82,946,361
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.5064	214,341,939	567,734		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6794	214,341,939	567,734		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.4485	128,197,959	278,404		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6358	128,197,959	278,404		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.7344	129,192,650	268,251		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9477	129,192,650	268,251		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	1,067,874	0	1.0375	1,107,919
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	1,067,874	0	1.0375	1,107,919
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3871	143,264	398		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8403	143,264	398		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3747	5,438,441	15,143		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8024	5,438,441	15,143		

For this line item, please ensure that the consumption and demand v  
For this line item, please ensure that the consumption and demand v

values have been adjusted to account for non-interval/interval customers.  
values have been adjusted to account for non-interval/interval customers.



# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Uniform Transmission Rates	Unit	2020	2021 Jan to Jun	2021 Jul to Dec	2022
<b>Rate Description</b>		<b>Rate</b>	<b>Rate</b>		<b>Rate</b>
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
<b>Rate Description</b>		<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
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
<b>Rate Description</b>		<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Network Service Rate	kW		\$ 2.82	\$ 2.82
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW		\$ 2.13	\$ 2.13
Both Line and Transformation Connection Service Rate	kW	\$ -	\$ 2.13	\$ 2.13

If needed, add extra host here. (II)	Unit	2020	2021	2022
<b>Rate Description</b>		<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	\$ -	\$ -	\$ -
<b>Low Voltage Switchgear Credit (if applicable, enter as a negative value)</b>	\$	<b>Historical 2020</b>	<b>Current 2021</b>	<b>Forecast 2022</b>









# 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	0.0086	368,795,615	0	3,171,642	40.6%	3,241,967	0.0088
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	82,946,361	0	646,982	8.3%	661,327	0.0080
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.5064		567,734	1,990,703	25.5%	2,034,843	3.5841
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.4485		278,404	960,076	12.3%	981,364	3.5250
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.7344		268,251	1,001,757	12.8%	1,023,969	3.8172
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	1,107,919	0	8,642	0.1%	8,833	0.0080
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3871		398	950	0.0%	971	2.4400
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3747		15,143	35,960	0.5%	36,757	2.4274

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	0.0066	368,795,615	0	2,434,051	40.5%	2,431,172	0.0066
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	82,946,361	0	489,384	8.2%	488,805	0.0059
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6794		567,734	1,521,186	25.3%	1,519,387	2.6762
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6358		278,404	733,817	12.2%	732,949	2.6327
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9477		268,251	790,723	13.2%	789,788	2.9442
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	1,107,919	0	6,537	0.1%	6,529	0.0059
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8403		398	732	0.0%	732	1.8381
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8024		15,143	27,294	0.5%	27,261	1.8003

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	0.0088	368,795,615	0	3,241,967	40.6%	3,303,763	0.0090
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080	82,946,361	0	661,327	8.3%	673,933	0.0081
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.5841		567,734	2,034,843	25.5%	2,073,629	3.6525
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.5250		278,404	981,364	12.3%	1,000,070	3.5922
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.8172		268,251	1,023,969	12.8%	1,043,487	3.8900
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080	1,107,919	0	8,833	0.1%	9,002	0.0081
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4400		398	971	0.0%	990	2.4866
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4274		15,143	36,757	0.5%	37,458	2.4736

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	0.0066	368,795,615	0	2,431,172	40.5%	2,476,780	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	82,946,361	0	488,805	8.2%	497,975	0.0060
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6762		567,734	1,519,387	25.3%	1,547,890	2.7264
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6327		278,404	732,949	12.2%	746,699	2.6821
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9442		268,251	789,788	13.2%	804,604	2.9994
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	1,107,919	0	6,529	0.1%	6,651	0.0060
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8381		398	732	0.0%	745	1.8726
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8003		15,143	27,261	0.5%	27,773	1.8340



# 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	II	Price Cap Index	2.05%
Associated Stretch Factor Value	0.15%		

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	28.97				2.05%	29.56	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	17.82		0.0188		2.05%	18.19	0.0192
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	84.09		3.2543		2.05%	85.81	3.3210
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	661.58		2.2815		2.05%	675.14	2.3283
LARGE USE SERVICE CLASSIFICATION	2641.9		1.5817		2.05%	2,696.06	1.6141
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	8.49		0.018		2.05%	8.66	0.0184
SENTINEL LIGHTING SERVICE CLASSIFICATION	5.46		41.3404		2.05%	5.57	42.1879
STREET LIGHTING SERVICE CLASSIFICATION	2.6		11.3814		2.05%	2.65	11.6147
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

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



**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2022**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2021-0042

## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to detached, semi-detached and townhouse residential buildings as defined in local zoning bylaws. A residential service is a single-family unit used for domestic or household purposes, including seasonal occupancy. At Milton Hydro's discretion, residential rates may be applied to apartment buildings with 6 or less units by simple application of the residential rate by blocking the residential rate by the number of units. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

Where the residential dwelling comprises the entire electrical load of a farm, it is defined as a residential service. Where the residential dwelling does not comprise the entire electrical load of the farm:

- The service will be defined as a General Service if the occupant derives his/her principal livelihood from the working of the farm;
- The service will be defined as a Residential Service if the occupant does not derive his/her principal livelihood from the working of the farm;
- Where the residential farm dwelling is supplied by one separately metered service and the electrical loads in other buildings are supplied by a different separately metered service, then the former is defined as a Residential Service and the latter is defined as a General Service.

## APPLICATION

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

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

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

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

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	29.56
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(0.59)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0011
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0004)

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2022**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2021-0042

Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0090
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067

**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2022**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2021-0042

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non-residential customer with an average peak demand below 50 kW over the past twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	18.19
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(0.37)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0192
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kWh	0.0051
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0003)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kWh	(0.0002)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060

### 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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2022**  
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## GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential customer with an average peak demand equal to or greater than 50 kW and less than 1,000 kW over the past twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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	\$	85.81
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(1.72)
Distribution Volumetric Rate	\$/kW	3.3210
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6293
Low Voltage Service Rate	\$/kW	0.4570
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	0.3546



**Milton Hydro Distribution Inc.**  
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Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.5907)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	0.4859
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022		
Applicable only for Class B Customers	\$/kW	(0.0818)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kW	(0.0667)
Retail Transmission Rate - Network Service Rate	\$/kW	3.6525
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7264

**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

**Milton Hydro Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
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## GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential customer with an average peak demand equal to or greater than 1,000 kW and less than 5,000 kW, regardless of when the demand occurs, averaged over twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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	\$	675.14
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(13.56)
Distribution Volumetric Rate	\$/kW	2.3283
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6293
Low Voltage Service Rate	\$/kW	0.4496
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0012)

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Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	0.3201
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.1323)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kW	(0.0271)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kW	(0.0468)
Retail Transmission Rate - Network Service Rate	\$/kW	3.5922
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6821

**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

**Milton Hydro Distribution Inc.**  
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## LARGE USE SERVICE CLASSIFICATION

This classification refers to a non-residential customer with an average peak demand equal to or greater than 5,000 kW, regardless of when the demand occurs, averaged over twelve months. For a new customer without prior billing history, the peak demand will be based on the customer's proposed capacity. 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 the Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	2,696.06
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(54.16)
Distribution Volumetric Rate	\$/kW	1.6141
Minimum Distribution Charge - per kW of maximum billing demand in the previous 11 months	\$/kW	0.6293
Low Voltage Service Rate	\$/kW	0.5028
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	0.3208
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.1328)

**Milton Hydro Distribution Inc.**  
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Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kW	0.0018
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kW	(0.0324)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.8900
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9994

**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

**Milton Hydro Distribution Inc.**  
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## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to the supply of electricity to unmetered loads less than 50 kW including traffic signals and pedestrian X-walks signals/beacons, bus shelters, telephone booths, signs, Cable TV amplifiers and decorative lighting and tree lighting connected to Milton Hydro's distribution system, and similar small unmetered loads. 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)	\$	8.66
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(0.17)
Distribution Volumetric Rate	\$/kWh	0.0184
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0003)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060

### 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

**Milton Hydro Distribution Inc.**  
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## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to all services supported to supply sentinel lighting equipment. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.57
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(0.11)
Distribution Volumetric Rate	\$/kW	42.1879
Low Voltage Service Rate	\$/kW	0.3139
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kW	(0.0779)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.0959)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kW	(0.8475)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4866
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8726

### 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

**Milton Hydro Distribution Inc.**  
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## STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to all services supplied to street lighting equipment owned by or operated for a municipality or the Province of Ontario. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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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)	\$	2.65
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$	(0.05)
Distribution Volumetric Rate	\$/kW	11.6147
Low Voltage Service Rate	\$/kW	0.3074
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	5.0207
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.0953)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kW	(0.0783)
Rate Rider for Rate Year Alignment - effective until April 30, 2022	\$/kW	(0.2333)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4736
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8340

### 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



**Milton Hydro Distribution Inc.**  
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**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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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)

**SPECIFIC SERVICE CHARGES**

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
Statement of account	\$	15.00
Easement letter	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Special meter reads	\$	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 for non payment of account - at meter during regular hours	\$	65.00
Reconnection for non payment of account - at meter after regular hours	\$	185.00

**Other**

Optional interval/TOU meter charge \$/month	\$	5.50
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	45.48
Clearance pole attachment charge \$/pole/year	\$	5.59

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**approved schedules of Rates, Charges and Loss Factors**

EB-2021-0042

## RETAIL SERVICE CHARGES (if applicable)

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	\$	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	1.0375
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0154
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0272
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0054





Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0375	
Proposed/Approved Loss Factor	1.0375	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.97	1	\$ 28.97	\$ 29.56	1	\$ 29.56	\$ 0.59	2.04%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.59)	1	\$ (0.59)	\$ (0.59)	
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0008	750	\$ 0.60	\$ 0.60	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 28.97</b>			<b>\$ 29.57</b>	<b>\$ 0.60</b>	<b>2.07%</b>
Line Losses on Cost of Power	\$ 0.1034	28	\$ 2.91	\$ 0.1034	28	\$ 2.91	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ 0.0004	750	\$ (0.30)	\$ (0.30)	
CBR Class B Rate Riders	\$ -	750	\$ -	\$ 0.0002	750	\$ (0.15)	\$ (0.15)	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0006	750	\$ 0.45	\$ 0.0011	750	\$ 0.83	\$ 0.38	83.33%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 32.90</b>			<b>\$ 33.42</b>	<b>\$ 0.53</b>	<b>1.60%</b>
RTSR - Network	\$ 0.0086	778	\$ 6.69	\$ 0.0090	778	\$ 7.00	\$ 0.31	4.65%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0066	778	\$ 5.14	\$ 0.0067	778	\$ 5.21	\$ 0.08	1.52%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 44.73</b>			<b>\$ 45.64</b>	<b>\$ 0.91</b>	<b>2.04%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	778	\$ 2.65	\$ 0.0034	778	\$ 2.65	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	778	\$ 0.39	\$ 0.0005	778	\$ 0.39	\$ -	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%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 125.58</b>			<b>\$ 126.49</b>	<b>\$ 0.91</b>	<b>0.73%</b>
HST	13%		\$ 16.32	13%		\$ 16.44	\$ 0.12	0.73%
Ontario Electricity Rebate	18.9%		\$ (23.73)	18.9%		\$ (23.91)	\$ (0.17)	
<b>Total Bill on TOU</b>			<b>\$ 118.17</b>			<b>\$ 119.03</b>	<b>\$ 0.86</b>	<b>0.73%</b>

In the manager's summary, discuss the reasons for the change in the total bill on TOU.

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0375	
Proposed/Approved Loss Factor	1.0375	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.82	1	\$ 17.82	\$ 18.19	1	\$ 18.19	\$ 0.37	2.08%
Distribution Volumetric Rate	\$ 0.0188	2000	\$ 37.60	\$ 0.0192	2000	\$ 38.40	\$ 0.80	2.13%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.37)	1	\$ (0.37)	\$ (0.37)	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0047	2000	\$ 9.40	\$ 9.40	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 55.42</b>			<b>\$ 65.62</b>	<b>\$ 10.20</b>	<b>18.40%</b>
Line Losses on Cost of Power	\$ 0.1034	75	\$ 7.76	\$ 0.1034	75	\$ 7.76	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ 0.0003	2,000	\$ (0.60)	\$ (0.60)	
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ 0.0002	2,000	\$ (0.40)	\$ (0.40)	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0006	2,000	\$ 1.20	\$ 0.0010	2,000	\$ 2.00	\$ 0.80	66.67%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 64.95</b>			<b>\$ 74.95</b>	<b>\$ 10.00</b>	<b>15.40%</b>
RTSR - Network	\$ 0.0078	2,075	\$ 16.19	\$ 0.0081	2,075	\$ 16.81	\$ 0.62	3.85%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	2,075	\$ 12.24	\$ 0.0060	2,075	\$ 12.45	\$ 0.21	1.69%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 93.37</b>			<b>\$ 104.20</b>	<b>\$ 10.83</b>	<b>11.60%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,075	\$ 7.06	\$ 0.0034	2,075	\$ 7.06	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,075	\$ 1.04	\$ 0.0005	2,075	\$ 1.04	\$ -	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%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 308.56</b>			<b>\$ 319.39</b>	<b>\$ 10.83</b>	<b>3.51%</b>
HST	13%		\$ 40.11	13%		\$ 41.52	\$ 1.41	3.51%
Ontario Electricity Rebate	18.9%		\$ (58.32)	18.9%		\$ (60.36)	\$ (2.05)	
<b>Total Bill on TOU</b>			<b>\$ 290.35</b>			<b>\$ 300.54</b>	<b>\$ 10.19</b>	<b>3.51%</b>

Customer Class:	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	50,000	kWh
Demand	150	kW
Current Loss Factor	1.0375	
Proposed/Approved Loss Factor	1.0375	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 84.09	1	\$ 84.09	\$ 85.81	1	\$ 85.81	\$ 1.72	2.05%
Distribution Volumetric Rate	\$ 3.2543	150	\$ 488.15	\$ 3.3210	150	\$ 498.15	\$ 10.01	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ (1.72)	1	\$ (1.72)	\$ (1.72)	
Volumetric Rate Riders	\$ -	150	\$ -	\$ 0.2879	150	\$ 43.19	\$ 43.19	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 572.24</b>			<b>\$ 625.43</b>	<b>\$ 53.19</b>	<b>9.30%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	150	\$ -	\$ 0.1048	150	\$ (15.72)	\$ (15.72)	
CBR Class B Rate Riders	\$ -	150	\$ -	\$ 0.0818	150	\$ (12.27)	\$ (12.27)	
GA Rate Riders	\$ -	50,000	\$ -	\$ 0.0012	50,000	\$ (60.00)	\$ (60.00)	
Low Voltage Service Charge	\$ 0.2600	150	\$ 39.00	\$ 0.4570	150	\$ 68.55	\$ 29.55	75.77%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 611.24</b>			<b>\$ 605.99</b>	<b>\$ (5.25)</b>	<b>-0.86%</b>
RTSR - Network	\$ 3.5064	150	\$ 525.96	\$ 3.6525	150	\$ 547.88	\$ 21.92	4.17%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.6794	150	\$ 401.91	\$ 2.7264	150	\$ 408.96	\$ 7.05	1.75%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 1,539.11</b>			<b>\$ 1,562.82</b>	<b>\$ 23.72</b>	<b>1.54%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	51,875	\$ 176.38	\$ 0.0034	51,875	\$ 176.38	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	51,875	\$ 25.94	\$ 0.0005	51,875	\$ 25.94	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1036	51,875	\$ 5,376.33	\$ 0.1036	51,875	\$ 5,376.33	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 7,117.99</b>			<b>\$ 7,141.71</b>	<b>\$ 23.72</b>	<b>0.33%</b>
HST	13%		\$ 925.34	13%		\$ 928.42	\$ 3.08	0.33%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 8,043.33</b>			<b>\$ 8,070.13</b>	<b>\$ 26.80</b>	<b>0.33%</b>

In the manager's summary, discuss the reasons for the changes.



Customer Class:	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	1,265,000	kWh
Demand	1,800	kW
Current Loss Factor	1.0375	
Proposed/Approved Loss Factor	1.0375	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 661.58	1	\$ 661.58	\$ 675.14	1	\$ 675.14	\$ 13.56	2.05%
Distribution Volumetric Rate	\$ 2.2815	1800	\$ 4,106.70	\$ 2.3283	1800	\$ 4,190.94	\$ 84.24	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ (13.56)	1	\$ (13.56)	\$ (13.56)	
Volumetric Rate Riders	\$ -	1800	\$ -	\$ 0.2733	1800	\$ 491.94	\$ 491.94	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 4,768.28</b>			<b>\$ 5,344.46</b>	<b>\$ 576.18</b>	<b>12.08%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	1,800	\$ -	\$ 0.1323	1,800	\$ (238.14)	\$ (238.14)	
CBR Class B Rate Riders	\$ -	1,800	\$ -	\$ 0.0271	1,800	\$ (48.78)	\$ (48.78)	
GA Rate Riders	\$ -	1,265,000	\$ -	\$ 0.0012	1,265,000	\$ (1,518.00)	\$ (1,518.00)	
Low Voltage Service Charge	\$ 0.2558	1,800	\$ 460.44	\$ 0.4496	1,800	\$ 809.28	\$ 348.84	75.76%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1,800	\$ -	\$ -	1,800	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 5,228.72</b>			<b>\$ 4,348.82</b>	<b>\$ (879.90)</b>	<b>-16.83%</b>
RTSR - Network	\$ 3.4485	1,800	\$ 6,207.30	\$ 3.5922	1,800	\$ 6,465.96	\$ 258.66	4.17%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.6358	1,800	\$ 4,744.44	\$ 2.6821	1,800	\$ 4,827.78	\$ 83.34	1.76%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 16,180.46</b>			<b>\$ 15,642.56</b>	<b>\$ (537.90)</b>	<b>-3.32%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	1,312,438	\$ 4,462.29	\$ 0.0034	1,312,438	\$ 4,462.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	1,312,438	\$ 656.22	\$ 0.0005	1,312,438	\$ 656.22	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1036	1,312,438	\$ 136,021.02	\$ 0.1036	1,312,438	\$ 136,021.02	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 157,320.24</b>			<b>\$ 156,782.34</b>	<b>\$ (537.90)</b>	<b>-0.34%</b>
HST	13%		\$ 20,451.63	13%		\$ 20,381.70	\$ (69.93)	-0.34%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 177,771.87</b>			<b>\$ 177,164.04</b>	<b>\$ (607.83)</b>	<b>-0.34%</b>

In the manager's summary, discuss the reasons for the changes.

Customer Class:	<b>LARGE USE SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	<b>Non-RPP (Other)</b>	
Consumption	2,400,000	kWh
Demand	5,400	kW
Current Loss Factor	1.0375	
Proposed/Approved Loss Factor	1.0375	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2,641.90	1	\$ 2,641.90	\$ 2,696.06	1	\$ 2,696.06	\$ 54.16	2.05%
Distribution Volumetric Rate	\$ 1.5817	5400	\$ 8,541.18	\$ 1.6141	5400	\$ 8,716.14	\$ 174.96	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ (54.16)	1	\$ (54.16)	\$ (54.16)	
Volumetric Rate Riders	\$ -	5400	\$ -	\$ 0.2884	5400	\$ 1,557.36	\$ 1,557.36	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 11,183.08</b>			<b>\$ 12,915.40</b>	<b>\$ 1,732.32</b>	<b>15.49%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	5,400	\$ -	\$ 0.1328	5,400	\$ (717.12)	\$ (717.12)	
CBR Class B Rate Riders	\$ -	5,400	\$ -	\$ 0.0018	5,400	\$ 9.72	\$ 9.72	
GA Rate Riders	\$ -	2,400,000	\$ -	\$ 0.0012	2,400,000	\$ (2,880.00)	\$ (2,880.00)	
Low Voltage Service Charge	\$ 0.2860	5,400	\$ 1,544.40	\$ 0.5028	5,400	\$ 2,715.12	\$ 1,170.72	75.80%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	5,400	\$ -	\$ -	5,400	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 12,727.48</b>			<b>\$ 12,043.12</b>	<b>\$ (684.36)</b>	<b>-5.38%</b>
RTSR - Network	\$ -	5,400	\$ -	\$ -	5,400	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	5,400	\$ -	\$ -	5,400	\$ -	\$ -	
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 12,727.48</b>			<b>\$ 12,043.12</b>	<b>\$ (684.36)</b>	<b>-5.38%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,490,000	\$ 8,466.00	\$ 0.0034	2,490,000	\$ 8,466.00	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,490,000	\$ 1,245.00	\$ 0.0005	2,490,000	\$ 1,245.00	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1036	2,490,000	\$ 258,063.60	\$ 0.1036	2,490,000	\$ 258,063.60	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 280,502.33</b>			<b>\$ 279,817.97</b>	<b>\$ (684.36)</b>	<b>-0.24%</b>
HST	13%		\$ 36,465.30	13%		\$ 36,376.34	\$ (88.97)	-0.24%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 316,967.63</b>			<b>\$ 316,194.31</b>	<b>\$ (773.33)</b>	<b>-0.24%</b>

Customer Class: **UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**  
RPP / Non-RPP: **RPP**  
Consumption: **405** kWh  
Demand: **-** kW  
Current Loss Factor: **1.0375**  
Proposed/Approved Loss Factor: **1.0375**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 8.49	1	\$ 8.49	\$ 8.66	1	\$ 8.66	\$ 0.17	2.00%
Distribution Volumetric Rate	\$ 0.0180	405	\$ 7.29	\$ 0.0184	405	\$ 7.45	\$ 0.16	2.22%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.17)	1	\$ (0.17)	\$ (0.17)	
Volumetric Rate Riders	\$ -	405	\$ -	\$ 0.0004	405	\$ (0.16)	\$ (0.16)	
<b>Sub-Total A (excluding pass through)</b>			\$ 15.78			\$ 15.78	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.1034	15	\$ 1.57	\$ 0.1034	15	\$ 1.57	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	405	\$ -	\$ 0.0003	405	\$ (0.12)	\$ (0.12)	
CBR Class B Rate Riders	\$ -	405	\$ -	\$ 0.0002	405	\$ (0.08)	\$ (0.08)	
GA Rate Riders	\$ -	405	\$ -	\$ -	405	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0006	405	\$ 0.24	\$ 0.0010	405	\$ 0.41	\$ 0.16	66.67%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	405	\$ -	\$ -	405	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 17.59			\$ 17.55	\$ (0.04)	-0.23%
RTSR - Network	\$ 0.0078	420	\$ 3.28	\$ 0.0081	420	\$ 3.40	\$ 0.13	3.85%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	420	\$ 2.48	\$ 0.0060	420	\$ 2.52	\$ 0.04	1.69%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 23.35			\$ 23.48	\$ 0.13	0.55%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	420	\$ 1.43	\$ 0.0034	420	\$ 1.43	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	420	\$ 0.21	\$ 0.0005	420	\$ 0.21	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	259	\$ 21.25	\$ 0.0820	259	\$ 21.25	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	73	\$ 8.24	\$ 0.1130	73	\$ 8.24	\$ -	0.00%
TOU - On Peak	\$ 0.1700	73	\$ 12.39	\$ 0.1700	73	\$ 12.39	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 67.12			\$ 67.25	\$ 0.13	0.19%
HST	13%		\$ 8.73	13%		\$ 8.74	\$ 0.02	0.19%
Ontario Electricity Rebate	18.9%		\$ (12.69)	18.9%		\$ (12.71)	\$ (0.02)	
<b>Total Bill on TOU</b>			\$ 63.16			\$ 63.28	\$ 0.12	0.19%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	50 kWh
Demand	1 kW
Current Loss Factor	1.0375
Proposed/Approved Loss Factor	1.0375

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.46	1	\$ 5.46	\$ 5.57	1	\$ 5.57	\$ 0.11	2.01%
Distribution Volumetric Rate	\$ 41.3404	1	\$ 41.34	\$ 42.1879	1	\$ 42.19	\$ 0.85	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.11)	1	\$ (0.11)	\$ (0.11)	
Volumetric Rate Riders	\$ -	1	\$ -	\$ 0.8475	1	\$ (0.85)	\$ (0.85)	
<b>Sub-Total A (excluding pass through)</b>			\$ 46.80			\$ 46.80	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.1036	2	\$ 0.19	\$ 0.1036	2	\$ 0.19	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ 0.0959	1	\$ (0.10)	\$ (0.10)	
CBR Class B Rate Riders	\$ -	1	\$ -	\$ 0.0779	1	\$ (0.08)	\$ (0.08)	
GA Rate Riders	\$ -	50	\$ -	\$ -	50	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.1786	1	\$ 0.18	\$ 0.3139	1	\$ 0.31	\$ 0.14	75.76%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 47.17			\$ 47.13	\$ (0.04)	-0.08%
RTSR - Network	\$ 2.3871	1	\$ 2.39	\$ 2.4866	1	\$ 2.49	\$ 0.10	4.17%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8403	1	\$ 1.84	\$ 1.8726	1	\$ 1.87	\$ 0.03	1.76%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 51.40			\$ 51.49	\$ 0.09	0.18%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	52	\$ 0.18	\$ 0.0034	52	\$ 0.18	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	52	\$ 0.03	\$ 0.0005	52	\$ 0.03	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1036	50	\$ 5.18	\$ 0.1036	50	\$ 5.18	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 57.04			\$ 57.13	\$ 0.09	0.16%
HST	13%		\$ 7.41	13%		\$ 7.43	\$ 0.01	0.16%
Ontario Electricity Rebate	18.9%		\$ (10.78)	18.9%		\$ (10.80)	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 64.45			\$ 64.56	\$ 0.11	0.16%

In the manager's summary, discuss the reasons for the changes.

Customer Class:	<b>STREET LIGHTING SERVICE CLASSIFICATION</b>
RPP / Non-RPP:	<b>Non-RPP (Other)</b>
Consumption	440,624 kWh
Demand	1,185 kW
Current Loss Factor	1.0375
Proposed/Approved Loss Factor	1.0375

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2.60	2890	\$ 7,514.00	\$ 2.65	2890	\$ 7,658.50	\$ 144.50	1.92%
Distribution Volumetric Rate	\$ 11.3814	1185	\$ 13,486.96	\$ 11.6147	1185	\$ 13,763.42	\$ 276.46	2.05%
Fixed Rate Riders	\$ -	2890	\$ -	\$ (0.05)	2890	\$ (144.50)	\$ (144.50)	
Volumetric Rate Riders	\$ -	1185	\$ -	\$ 4.7874	1185	\$ 5,673.07	\$ 5,673.07	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 21,000.96</b>			<b>\$ 26,950.49</b>	<b>\$ 5,949.53</b>	<b>28.33%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	1,185	\$ -	\$ 0.0953	1,185	\$ (112.93)	\$ (112.93)	
CBR Class B Rate Riders	\$ -	1,185	\$ -	\$ 0.0783	1,185	\$ (92.79)	\$ (92.79)	
GA Rate Riders	\$ -	440,624	\$ -	\$ 0.0012	440,624	\$ (528.75)	\$ (528.75)	
Low Voltage Service Charge	\$ 0.1749	1,185	\$ 207.26	\$ 0.3074	1,185	\$ 364.27	\$ 157.01	75.76%
Smart Meter Entity Charge (if applicable)	\$ -	2890	\$ -	\$ -	2890	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	2890	\$ -	\$ -	2890	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1,185	\$ -	\$ -	1,185	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 21,208.22</b>			<b>\$ 26,580.29</b>	<b>\$ 5,372.08</b>	<b>25.33%</b>
RTSR - Network	\$ 2.3747	1,185	\$ 2,814.02	\$ 2.4736	1,185	\$ 2,931.22	\$ 117.20	4.16%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8024	1,185	\$ 2,135.84	\$ 1.8340	1,185	\$ 2,173.29	\$ 37.45	1.75%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 26,158.08</b>			<b>\$ 31,684.80</b>	<b>\$ 5,526.72</b>	<b>21.13%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	457,147	\$ 1,554.30	\$ 0.0034	457,147	\$ 1,554.30	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	457,147	\$ 228.57	\$ 0.0005	457,147	\$ 228.57	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	2890	\$ 722.50	\$ 0.25	2890	\$ 722.50	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1036	457,147	\$ 47,378.76	\$ 0.1036	457,147	\$ 47,378.76	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 76,042.21</b>			<b>\$ 81,568.93</b>	<b>\$ 5,526.72</b>	<b>7.27%</b>
HST	13%		\$ 9,885.49	13%		\$ 10,603.96	\$ 718.47	7.27%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 85,927.70</b>			<b>\$ 92,172.89</b>	<b>\$ 6,245.19</b>	<b>7.27%</b>

In the manager's summary, discuss the reasons for the changes.

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	375	kWh
Demand	-	kW
Current Loss Factor	1.0375	
Proposed/Approved Loss Factor	1.0375	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.97	1	\$ 28.97	\$ 29.56	1	\$ 29.56	\$ 0.59	2.04%
Distribution Volumetric Rate	\$ -	375	\$ -	\$ -	375	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.59)	1	\$ (0.59)	\$ (0.59)	
Volumetric Rate Riders	\$ -	375	\$ -	\$ 0.0008	375	\$ 0.30	\$ 0.30	
<b>Sub-Total A (excluding pass through)</b>			\$ 28.97			\$ 29.27	\$ 0.30	1.04%
Line Losses on Cost of Power	\$ 0.1034	14	\$ 1.45	\$ 0.1034	14	\$ 1.45	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	375	\$ -	\$ 0.0004	375	\$ (0.15)	\$ (0.15)	
CBR Class B Rate Riders	\$ -	375	\$ -	\$ 0.0002	375	\$ (0.08)	\$ (0.08)	
GA Rate Riders	\$ -	375	\$ -	\$ -	375	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0006	375	\$ 0.23	\$ 0.0011	375	\$ 0.41	\$ 0.19	83.33%
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	\$ -	375	\$ -	\$ -	375	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 31.22			\$ 31.48	\$ 0.26	0.84%
RTSR - Network	\$ 0.0086	389	\$ 3.35	\$ 0.0090	389	\$ 3.50	\$ 0.16	4.65%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0066	389	\$ 2.57	\$ 0.0067	389	\$ 2.61	\$ 0.04	1.52%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 37.13			\$ 37.59	\$ 0.46	1.23%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	389	\$ 1.32	\$ 0.0034	389	\$ 1.32	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	389	\$ 0.19	\$ 0.0005	389	\$ 0.19	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	240	\$ 19.68	\$ 0.0820	240	\$ 19.68	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	68	\$ 7.63	\$ 0.1130	68	\$ 7.63	\$ -	0.00%
TOU - On Peak	\$ 0.1700	68	\$ 11.48	\$ 0.1700	68	\$ 11.48	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 77.68			\$ 78.14	\$ 0.46	0.59%
HST	13%		\$ 10.10	13%		\$ 10.16	\$ 0.06	0.59%
Ontario Electricity Rebate	18.9%		\$ (14.68)	18.9%		\$ (14.77)	\$ (0.09)	
<b>Total Bill on TOU</b>			\$ 73.10			\$ 73.53	\$ 0.43	0.59%

In the manager's summary, discuss the reasons for the changes.

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>
RPP / Non-RPP:	<b>Non-RPP (Retailer)</b>
Consumption	750 kWh
Demand	- kW
Current Loss Factor	1.0375
Proposed/Approved Loss Factor	1.0375

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.97	1	\$ 28.97	\$ 29.56	1	\$ 29.56	\$ 0.59	2.04%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.59)	1	\$ (0.59)	\$ (0.59)	
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0008	750	\$ 0.60	\$ 0.60	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 28.97</b>			<b>\$ 29.57</b>	<b>\$ 0.60</b>	<b>2.07%</b>
Line Losses on Cost of Power	\$ 0.1036	28	\$ 2.91	\$ 0.1036	28	\$ 2.91	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ 0.0004	750	\$ (0.30)	\$ (0.30)	
CBR Class B Rate Riders	\$ -	750	\$ -	\$ 0.0002	750	\$ (0.15)	\$ (0.15)	
GA Rate Riders	\$ -	750	\$ -	\$ 0.0012	750	\$ (0.90)	\$ (0.90)	
Low Voltage Service Charge	\$ 0.0006	750	\$ 0.45	\$ 0.0011	750	\$ 0.83	\$ 0.38	83.33%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 32.90</b>			<b>\$ 32.53</b>	<b>\$ (0.38)</b>	<b>-1.14%</b>
RTSR - Network	\$ 0.0086	778	\$ 6.69	\$ 0.0090	778	\$ 7.00	\$ 0.31	4.65%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0066	778	\$ 5.14	\$ 0.0067	778	\$ 5.21	\$ 0.08	1.52%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 44.73</b>			<b>\$ 44.75</b>	<b>\$ 0.01</b>	<b>0.03%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	778	\$ 2.65	\$ 0.0034	778	\$ 2.65	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	778	\$ 0.39	\$ 0.0005	778	\$ 0.39	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1036	750	\$ 77.73	\$ 0.1036	750	\$ 77.73	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 125.50</b>			<b>\$ 125.51</b>	<b>\$ 0.01</b>	<b>0.01%</b>
HST	13%		\$ 16.31	13%		\$ 16.32	\$ 0.00	0.01%
Ontario Electricity Rebate	18.9%		\$ (23.72)	18.9%		\$ (23.72)	\$ -	
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 141.81</b>			<b>\$ 141.83</b>	<b>\$ 0.02</b>	<b>0.01%</b>

In the manager's summary, discuss the reasons for the changes.

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0375	
Proposed/Approved Loss Factor	1.0375	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.82	1	\$ 17.82	\$ 18.19	1	\$ 18.19	\$ 0.37	2.08%
Distribution Volumetric Rate	\$ 0.0188	2000	\$ 37.60	\$ 0.0192	2000	\$ 38.40	\$ 0.80	2.13%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.37)	1	\$ (0.37)	\$ (0.37)	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0047	2000	\$ 9.40	\$ 9.40	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 55.42</b>			<b>\$ 65.62</b>	<b>\$ 10.20</b>	<b>18.40%</b>
Line Losses on Cost of Power	\$ 0.1036	75	\$ 7.77	\$ 0.1036	75	\$ 7.77	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ 0.0003	2,000	\$ (0.60)	\$ (0.60)	
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ 0.0002	2,000	\$ (0.40)	\$ (0.40)	
GA Rate Riders	\$ -	2,000	\$ -	\$ 0.0012	2,000	\$ (2.40)	\$ (2.40)	
Low Voltage Service Charge	\$ 0.0006	2,000	\$ 1.20	\$ 0.0010	2,000	\$ 2.00	\$ 0.80	66.67%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 64.96</b>			<b>\$ 72.56</b>	<b>\$ 7.60</b>	<b>11.70%</b>
RTSR - Network	\$ 0.0078	2,075	\$ 16.19	\$ 0.0081	2,075	\$ 16.81	\$ 0.62	3.85%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	2,075	\$ 12.24	\$ 0.0060	2,075	\$ 12.45	\$ 0.21	1.69%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 93.39</b>			<b>\$ 101.82</b>	<b>\$ 8.43</b>	<b>9.03%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,075	\$ 7.06	\$ 0.0034	2,075	\$ 7.06	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,075	\$ 1.04	\$ 0.0005	2,075	\$ 1.04	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1036	2,000	\$ 207.28	\$ 0.1036	2,000	\$ 207.28	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 308.76</b>			<b>\$ 317.19</b>	<b>\$ 8.43</b>	<b>2.73%</b>
HST		13%	\$ 40.14		13%	\$ 41.24	\$ 1.10	2.73%
Ontario Electricity Rebate		18.9%	\$ (58.36)		18.9%	\$ (59.95)		
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 348.90</b>			<b>\$ 358.43</b>	<b>\$ 9.53</b>	<b>2.73%</b>



**Appendix**

**E**

# **GA Analysis Workform Model**





# GA Analysis Workform for 2022 Rate Applications

Version 1.0

Input cells

Drop down cells

Utility Name

**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
  - 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. OR
  - 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. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

Year Selected

2015

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

**INSTRUCTIONS:**

1) 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.

2) Complete the GA Analysis Workform for each year generated.  
3) 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.  
4) 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 reconciling items and principal adjustments.

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
2016	\$ (188,810)	\$ 224,003	\$ (207,680)	\$ 16,323	\$ 205,134	\$ 32,795,106	0.6%
2017	\$ 407,471	\$ 1,113,582	\$ (573,903)	\$ 539,679	\$ 132,208	\$ 30,353,885	0.4%
2018	\$ (315,168)	\$ 452,497	\$ (837,113)	\$ (384,616)	\$ (69,448)	\$ 23,357,945	-0.3%
2019	\$ 495,092	\$ (87,453)	\$ 541,325	\$ 453,872	\$ (41,220)	\$ 25,289,398	-0.2%
2020	\$ 221,859	\$ 479,939	\$ (479,368)	\$ 570	\$ (221,288)	\$ 23,578,121	-0.9%
<b>Cumulative Balance</b>	<b>\$ 620,443</b>	<b>\$ 2,182,567</b>	<b>\$ (1,556,739)</b>	<b>\$ 625,829</b>	<b>\$ 5,386</b>	<b>\$ 135,374,455</b>	<b>N/A</b>

**Account 1588 Reconciliation Summary**

Year	Account 1588 as a % of Account 4705
2016	0.7%
2017	-0.1%
2018	0.1%
2019	0.0%
2020	0.2%

# GA Analysis Workform

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

Year		2016		
Total Metered excluding WMP	C = A+B	870,337,294	kWh	100%
RPP	A	405,512,003	kWh	46.6%
Non RPP	B = D+E	464,825,291	kWh	53.4%
Non-RPP Class A	D	138,669,504	kWh	15.9%
Non-RPP Class B*	E	326,155,787	kWh	37.5%

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

Note 3 **GA Billing Rate**

GA is billed on the

1st Estimate

Please confirm that the 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 2016

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	26,659,821	27,757,472	30,320,731	29,223,080	0.08423	\$ 2,461,460	0.09179	\$ 2,682,387	\$ 220,926
February	29,337,324	30,320,731	28,241,669	27,258,262	0.10384	\$ 2,830,498	0.09851	\$ 2,685,211	\$ (145,287)
March	27,601,521	28,241,669	28,176,641	27,536,493	0.09022	\$ 2,484,342	0.10610	\$ 2,921,622	\$ 437,280
April	27,518,786	28,176,641	26,775,254	26,117,399	0.12115	\$ 3,164,123	0.11132	\$ 2,907,389	\$ (256,734)
May	26,455,625	26,775,254	27,178,947	26,859,318	0.10405	\$ 2,794,712	0.10749	\$ 2,887,108	\$ 92,396
June	26,481,161	27,178,947	28,486,411	27,788,625	0.11650	\$ 3,237,375	0.09545	\$ 2,652,424	\$ (584,951)
July	28,006,346	28,486,411	30,028,131	29,548,066	0.07667	\$ 2,265,450	0.08306	\$ 2,454,262	\$ 188,812
August	29,531,779	30,028,131	31,260,498	30,764,146	0.08569	\$ 2,636,180	0.07103	\$ 2,185,177	\$ (451,002)
September	30,747,991	31,260,498	28,872,582	28,360,075	0.07060	\$ 2,002,221	0.09531	\$ 2,702,999	\$ 700,777
October	28,462,916	28,872,582	27,777,806	27,368,140	0.09720	\$ 2,660,183	0.11226	\$ 3,072,347	\$ 412,164
November	27,077,927	27,777,806	28,279,083	27,579,204	0.12271	\$ 3,384,244	0.11109	\$ 3,063,774	\$ (320,470)
December	27,152,982	28,279,083	30,758,683	29,632,582	0.10594	\$ 3,139,276	0.08708	\$ 2,580,405	\$ (558,870)
<b>Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)</b>	<b>335,034,179</b>	<b>343,155,225</b>	<b>346,156,436</b>	<b>338,035,390</b>		<b>\$ 33,060,064</b>		<b>\$ 32,795,106</b>	<b>\$ (264,959)</b>

Annual Non-RPP Class B Wholesale kWh	Annual Non-RPP Class B Retail billed kWh	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
338,821,446	338,035,390	786,056	0.09687	\$ 76,148

\*Equal to (AQEW - Class A + embedded generation kWh)/(Non-RPP Class B retail kWh/Total retail Class B kWh)

\*\*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 of the table above)

**Total Expected GA Variance \$ (188,810)**

Calculated Loss Factor 1.0364  
 Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW 1.0375  
 Difference -0.0011

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)				Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
		\$ 224,003			
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year				
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year				
2a	Remove prior year end unbilled to actual revenue differences				
2b	Add current year end unbilled to actual revenue differences				
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers				
3b	Add difference between current year accrual/forecast to actual from long term load transfers				
4	Remove GA balances pertaining to Class A customers				
5a	Significant prior period billing adjustments recorded in current year				
5b	Significant current period billing adjustments recorded in other year(s)				
6	Differences in GA IESO posted rate and rate charged on IESO invoice				
7	Host Distributor GA Billed on 1st Estimate	\$ 10,918	Total IESO & Oakville Hydro host distributor billing differential (GA Billed 1st est vs GA Actual)	No	No PA , explains part of the G/L Balance
8	Correction of GA Transferred to Account 1588	\$ (218,598)	Correction to allocation of GA Charges based on actual non-RPP Volumes made in 2021	Yes	Principal Adjustment made to 2016
9					
10					

Note 6	<b>Adjusted Net Change in Principal Balance in the GL</b>	\$ 16,323
	<b>Net Change in Expected GA Balance in the Year Per Analysis</b>	\$ (188,810)
	<b>Unresolved Difference</b>	\$ 205,134
	<b>Unresolved Difference as % of Expected GA Payments to IESO</b>	<u>0.6%</u>

# GA Analysis Workform

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

Year		2017		
Total Metered excluding WMP	C = A+B	857,233,215	kWh	100%
RPP	A	392,752,396	kWh	45.8%
Non RPP	B = D+E	464,480,819	kWh	54.2%
Non-RPP Class A	D	172,175,189	kWh	20.1%
Non-RPP Class B*	E	292,305,630	kWh	34.1%

\*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

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

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

Note 4 **Analysis of Expected GA Amount**

Year 2017

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh) F	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh) G	Add Current Month Unbilled Loss Adjusted Consumption (kWh) H	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh) I = F-G+H	GA Rate Billed (\$/kWh) J	\$ Consumption at GA Rate Billed K = I*J	GA Actual Rate Paid (\$/kWh) L	\$ Consumption at Actual Rate Paid M = I*L	Expected GA Price Variance (\$) N=M-K
January	29,887,438	30,761,704	31,321,343	30,447,077	0.06687	\$ 2,035,996	0.08227	\$ 2,504,881	\$ 468,885
February	30,658,000	31,321,343	27,487,588	26,824,245	0.10559	\$ 2,832,372	0.08639	\$ 2,317,347	\$ (515,026)
March	26,776,558	27,487,588	30,487,724	29,776,694	0.08409	\$ 2,503,922	0.07135	\$ 2,124,567	\$ (379,355)
April	29,979,772	30,487,724	26,351,810	25,843,858	0.06874	\$ 1,776,507	0.10778	\$ 2,785,451	\$ 1,008,944
May	25,746,235	26,351,810	28,470,783	27,865,208	0.10623	\$ 2,960,121	0.12307	\$ 3,429,371	\$ 469,250
June	27,677,717	28,470,783	29,450,470	28,657,404	0.11954	\$ 3,425,706	0.11848	\$ 3,395,329	\$ (30,377)
July	28,993,865	29,450,470	24,181,718	23,725,113	0.10652	\$ 2,527,199	0.11280	\$ 2,676,193	\$ 148,994
August	23,369,503	24,181,718	24,645,696	23,833,481	0.11500	\$ 2,740,850	0.10109	\$ 2,409,327	\$ (331,524)
September	24,105,278	24,645,696	19,511,951	18,971,533	0.12739	\$ 2,416,784	0.08864	\$ 1,681,637	\$ (735,147)
October	23,340,044	19,511,951	17,935,554	21,763,647	0.10212	\$ 2,222,504	0.12563	\$ 2,734,167	\$ 511,663
November	17,376,464	17,935,554	22,574,723	22,015,633	0.11164	\$ 2,457,825	0.09704	\$ 2,136,397	\$ (321,428)
December	21,859,724	22,574,723	24,166,925	23,451,926	0.08391	\$ 1,967,851	0.09207	\$ 2,159,219	\$ 191,368
<b>Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)</b>	<b>309,770,598</b>	<b>313,181,064</b>	<b>306,586,285</b>	<b>303,175,819</b>		<b>\$ 29,867,637</b>		<b>\$ 30,353,885</b>	<b>\$ 466,248</b>

Annual Non-RPP Class B Wholesale kWh O	Annual Non-RPP Class B Retail billed kWh P	Annual Unaccounted for Energy Loss kWh Q=O-P	Weighted Average GA Actual Rate Paid (\$/kWh)** R	Expected GA Volume Variance (\$) P= Q*R
302,390,107	303,175,819	-	785,712	0.10026

\*Equal to (AQEW - Class A + embedded generation kWh)\*(Non-RPP Class B retail kWh/Total retail Class B kWh)

\*\*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 of the table above)

<b>Total Expected GA Variance</b>	<b>\$ 407,471</b>
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Calculated Loss Factor	1.0372
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0375
Difference	-0.0003

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)		\$ 1,113,582		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year				
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	261,268	Elimination of GA True-up accrued to 2017 but paid in 2018.	Yes	Principal Adjustment made to 2017
2a	Remove prior year end unbilled to actual revenue differences				
2b	Add current year end unbilled to actual revenue differences				
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers				
3b	Add difference between current year accrual/forecast to actual from long term load transfers				
4	Remove GA balances pertaining to Class A customers				
5a	Significant prior period billing adjustments recorded in current year				
5b	Significant current period billing adjustments recorded in other year(s)				
6	Differences in GA IESO posted rate and rate charged on IESO invoice				
7	Host Distributor GA Billed on 1st Estimate	\$ (152,819)	Total IESO & Oakville Hydro host distributor billing differential (GA Billed 1st est. vs GA Actual).	No	No PA, explains part of the G/L Balance
8	Incorrect coding of Host Distributor GA Rate Rider	\$ 80,033	Correction Oakville Glenorchy GA Rate Rider coded to WMS in error. Correction made in 2021.	Yes	Principal Adjustment made to 2017
9	Correction of GA Transferred to Account 1588	(762,384)	Correction to allocation of GA Charges based on actual non-RPP Volumes made in 2021.	Yes	Principal Adjustment made to 2017
10					

Note 6	Adjusted Net Change in Principal Balance in the GL	\$	539,679
	Net Change in Expected GA Balance in the Year Per Analysis	\$	407,471
	Unresolved Difference	\$	132,208
	Unresolved Difference as % of Expected GA Payments to IESO		0.4%

# GA Analysis Workform

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

Year	2018			
Total Metered excluding WMP	C = A+B	907,643,863	kWh	100%
RPP	A	423,561,691	kWh	46.7%
Non RPP	B = D+E	484,082,172	kWh	53.3%
Non-RPP Class A	D	237,726,894	kWh	26.2%
Non-RPP Class B*	E	246,355,278	kWh	27.1%

\*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

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

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

Note 4 **Analysis of Expected GA Amount**

Year	2018									
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	23,267,446	24,166,925	25,252,662	24,353,183	0.08777	\$ 2,137,479	0.06736	\$ 1,640,430	\$ (497,048)	
February	24,570,527	25,252,662	21,584,689	20,902,554	0.07333	\$ 1,532,784	0.08167	\$ 1,707,112	\$ 174,327	
March	21,015,405	21,584,689	22,909,793	22,340,509	0.07877	\$ 1,759,762	0.09481	\$ 2,118,104	\$ 358,342	
April	22,487,384	22,909,793	21,693,290	21,673,881	0.09810	\$ 2,086,673	0.09959	\$ 2,118,367	\$ 31,694	
May	21,030,678	21,693,290	23,275,812	22,613,200	0.09392	\$ 2,123,832	0.10793	\$ 2,440,643	\$ 316,811	
June	22,458,667	23,275,812	23,629,598	22,812,453	0.13336	\$ 3,042,269	0.11896	\$ 2,713,769	\$ (328,499)	
July	23,065,964	23,629,598	21,351,515	20,787,881	0.08502	\$ 1,767,386	0.07737	\$ 1,608,358	\$ (159,027)	
August	20,493,380	21,351,515	21,779,937	20,921,802	0.07790	\$ 1,629,808	0.07490	\$ 1,567,043	\$ (62,765)	
September	21,188,553	21,779,937	20,016,224	19,424,840	0.08424	\$ 1,636,349	0.08584	\$ 1,667,428	\$ 31,080	
October	19,450,403	20,016,224	19,835,129	19,269,308	0.08921	\$ 1,719,015	0.12059	\$ 2,323,686	\$ 604,671	
November	19,142,620	19,835,129	20,576,956	19,884,447	0.12235	\$ 2,432,862	0.09855	\$ 1,959,612	\$ (473,250)	
December	19,217,917	20,576,956	21,529,118	20,170,079	0.09198	\$ 1,855,244	0.07404	\$ 1,493,393	\$ (361,851)	
<b>Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)</b>	<b>257,388,944</b>	<b>266,072,530</b>	<b>263,434,723</b>	<b>254,751,137</b>		<b>\$ 23,723,462</b>		<b>\$ 23,357,945</b>	<b>\$ (365,517)</b>	

Annual Non-RPP Class B Wholesale kWh *	Annual Non-RPP Class B Retail billed kWh	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
255,301,331	254,751,137	550,194	0.09151	\$ 50,349

\*Equal to (AQEW - Class A + embedded generation kWh)\*(Non-RPP Class B retail kWh/Total retail Class B kWh)

\*\*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)

<b>Total Expected GA Variance</b>	<b>\$ (315,168)</b>
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Calculated Loss Factor	1.0341
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0375
Difference	-0.0034

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	
				Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
	<b>Net Change in Principal Balance in the GL (i.e. Transactions in the Year)</b>	\$ 452,497			
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ (261,268)	Elimination of Reversal of GA True-up accrued to 2017 but paid in 2018.	Yes	Principal Adjustment made to 2018
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ (832,656)	Elimination of GA True-up accrued to 2018 but paid in 2019.	Yes	Principal Adjustment made to 2018
2a	Remove prior year end unbilled to actual revenue differences				
2b	Add current year end unbilled to actual revenue differences				
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers				
3b	Add difference between current year accrual/forecast to actual from long term load transfers				
4	Remove GA balances pertaining to Class A customers				
5a	Significant prior period billing adjustments recorded in current year				
5b	Significant current period billing adjustments recorded in other year(s)				
6	Differences in GA IESO posted rate and rate charged on IESO invoice				
7	Host Distributor GA Billed on 1st Estimate	\$ 5,960	Total IESO & Oakville Hydro host distributor billing differential (GA Billed 1st est vs GA Actual )	No	No PA , explains part of the G/L Balance
8	Correction of GA Transferred to Account 1588	\$ 250,851	Correction to allocation of GA Charges based on actual non-RPP Volumes made in 2021.	Yes	Principal Adjustment made to 2018
9					
10					

Note 6	<b>Adjusted Net Change in Principal Balance in the GL</b>	\$ (384,616)
	<b>Net Change in Expected GA Balance in the Year Per Analysis</b>	\$ (315,168)
	<b>Unresolved Difference</b>	\$ (69,448)
	<b>Unresolved Difference as % of Expected GA Payments to IESO</b>	<u>-0.3%</u>



# GA Analysis Workform

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

Year		2019		
Total Metered excluding WMP	C = A+B	908,021,376	kWh	100%
RPP	A	408,175,994	kWh	45.0%
Non RPP	B = D+E	499,845,382	kWh	55.0%
Non-RPP Class A	D	276,753,344	kWh	30.5%
Non-RPP Class B*	E	223,092,038	kWh	24.6%

\*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

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

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

Note 4 **Analysis of Expected GA Amount**

Year	2019								
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	20,573,479	21,529,118	22,280,796	21,325,157	0.06741	\$ 1,437,529	0.08092	\$ 1,725,632	\$ 288,103
February	21,532,746	22,280,796	19,657,048	18,908,998	0.09657	\$ 1,826,042	0.08812	\$ 1,666,261	\$ (159,781)
March	18,863,430	19,657,048	20,696,481	19,902,863	0.08105	\$ 1,613,127	0.08041	\$ 1,600,389	\$ (12,738)
April	19,657,064	20,696,481	19,202,478	18,163,061	0.08129	\$ 1,476,475	0.12333	\$ 2,240,050	\$ 763,575
May	18,266,575	19,202,478	19,132,292	18,196,389	0.12860	\$ 2,340,056	0.12604	\$ 2,293,473	\$ (46,583)
June	18,435,481	19,132,292	19,152,044	18,455,233	0.12444	\$ 2,296,569	0.13728	\$ 2,533,534	\$ 236,965
July	18,135,428	19,152,044	21,256,385	20,239,769	0.13527	\$ 2,737,834	0.09645	\$ 1,952,126	\$ (785,708)
August	20,148,849	21,256,385	20,918,579	19,811,043	0.07211	\$ 1,428,574	0.12607	\$ 2,497,578	\$ 1,069,004
September	19,927,295	20,918,579	19,840,815	18,849,531	0.12934	\$ 2,437,998	0.12263	\$ 2,311,518	\$ (126,480)
October	18,934,982	19,840,815	19,670,664	18,764,831	0.17878	\$ 3,354,776	0.13680	\$ 2,567,029	\$ (787,748)
November	18,696,280	19,670,664	20,896,841	19,922,457	0.10727	\$ 2,137,082	0.09953	\$ 1,982,882	\$ (154,200)
December	19,279,291	20,896,841	22,204,670	20,587,120	0.08569	\$ 1,764,110	0.09321	\$ 1,918,925	\$ 154,815
<b>Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)</b>	<b>232,450,900</b>	<b>244,233,541</b>	<b>244,909,093</b>	<b>233,126,452</b>		<b>\$ 24,850,173</b>		<b>\$ 25,289,398</b>	<b>\$ 439,225</b>

Annual Non-RPP Class B Wholesale kWh	Annual Non-RPP Class B Retail billed kWh	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
233,640,888	233,126,452	514,436	0.10860	\$ 55,867

\*Equal to (AQEW - Class A + embedded generation kWh)\*(Non-RPP Class B retail kWh/Total retail Class B kWh)

\*\*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)

**Total Expected GA Variance \$ 495,092**

Calculated Loss Factor	1.0450
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0375
Difference	0.0075

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 Adjustment on DVA Continuity Schedule	Principal Adjustments If "no", please provide an explanation
<b>Net Change in Principal Balance in the GL (i.e. Transactions in the Year)</b>		\$ (87,453)			
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 832,656	Elimination of Reversal of GA True-up accrued to 2018 but paid in 2019.	Yes	Principal Adjustment made to 2019
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ (82,644)	Elimination of GA True-up accrued to 2019 but paid in 2020.	Yes	Principal Adjustment made to 2019
2a	Remove prior year end unbilled to actual revenue differences				
2b	Add current year end unbilled to actual revenue differences				
3a	Remove difference between prior year accrual/unbilled to actual from load transfers				
3b	Add difference between current year accrual/unbilled to actual from load transfers				
4a	Significant prior period billing adjustments recorded in current year				
4b	Significant current period billing adjustments recorded in other year(s)				
5	CT 2148 for prior period corrections				
6					
7					
8	Host Distributor GA Billed on 1st Estimate	\$ (68,415)	Total IESO & Oakville Hydro host distributor billing differential (GA Billed 1st est. vs GA Actual)	No	No PA, explains part of the G/L Balance
9	Correction of GA Transferred to Account 1588	\$ (140,272)	Correction to allocation of GA Charges based on actual non-RPP Volumes made in 2021.	Yes	Principal Adjustment made to 2019
10					

Note 6	<b>Adjusted Net Change in Principal Balance in the GL</b>	\$ 453,872
	<b>Net Change in Expected GA Balance in the Year Per Analysis</b>	\$ 495,092
	<b>Unresolved Difference</b>	\$ (41,220)
	<b>Unresolved Difference as % of Expected GA Payments to IESO</b>	<u>-0.2%</u>

# 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	909,453,215	kWh	100%
RPP	A	444,778,779	kWh	48.9%
Non RPP	B = D+E	464,674,436	kWh	51.1%
Non-RPP Class A	D	263,205,127	kWh	28.9%
Non-RPP Class B*	E	201,469,309	kWh	22.2%

\*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  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	20,597,023	22,204,670	21,349,642	19,741,995	0.08323	\$ 1,643,126	0.10232	\$ 2,020,001	\$ 376,875	
February	20,302,453	21,349,642	19,496,735	18,449,546	0.12451	\$ 2,297,153	0.11331	\$ 2,090,518	\$ (206,635)	
March	18,668,153	19,496,735	18,658,792	17,830,210	0.10432	\$ 1,860,048	0.11942	\$ 2,129,284	\$ 269,236	
April	17,802,043	18,658,792	15,709,704	14,852,955	0.13707	\$ 2,035,895	0.11500	\$ 1,708,090	\$ (327,805)	
May	15,121,052	15,709,704	16,106,599	15,517,947	0.09293	\$ 1,442,083	0.11500	\$ 1,784,564	\$ 342,481	
June	15,128,003	16,106,599	18,066,109	17,087,513	0.11500	\$ 1,965,064	0.11500	\$ 1,965,064	\$ -	
July	17,198,131	18,066,109	19,415,572	18,547,594	0.10305	\$ 1,911,330	0.09902	\$ 1,836,583	\$ (74,747)	
August	18,572,376	19,415,572	18,787,689	17,944,493	0.10232	\$ 1,836,081	0.10348	\$ 1,856,896	\$ 20,816	
September	17,911,682	18,787,689	17,724,601	16,848,594	0.11573	\$ 1,949,888	0.12176	\$ 2,051,485	\$ 101,597	
October	17,034,221	17,724,601	17,748,959	17,058,579	0.14954	\$ 2,550,940	0.12806	\$ 2,184,522	\$ (366,418)	
November	16,942,660	17,748,959	18,034,480	17,228,181	0.11670	\$ 2,010,529	0.11705	\$ 2,016,559	\$ 6,030	
December	16,691,439	18,034,480	19,666,176	18,323,135	0.10704	\$ 1,961,308	0.10558	\$ 1,934,557	\$ (26,752)	
<b>Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)</b>	<b>211,969,236</b>	<b>223,303,552</b>	<b>220,765,058</b>	<b>209,430,742</b>		<b>\$ 23,463,443</b>		<b>\$ 23,578,121</b>	<b>\$ 114,678</b>	

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
210,381,490	209,430,742	950,748	0.11273	\$ 107,181

\*Equal to (AQEW - 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 | \$ 221,859**

Calculated Loss Factor	1.0395
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0375
Difference	0.0020

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 Adjustment on DVA Continuity Schedule	Principal Adjustments If "no", please provide an explanation
<b>Net Change in Principal Balance in the GL (i.e. Transactions in the Year)</b>		\$ 479,939			
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 82,644	Elimination of Reversal of GA True-up accrued to 2019 but paid in 2020.	Yes	Principal Adjustment made to 2020
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ 170,667	Elimination of GA True-up accrued to 2020 but paid in 2021.	Yes	Principal Adjustment made to 2020
2a	Remove prior year end unbilled to actual revenue differences				
2b	Add current year end unbilled to actual revenue differences				
3a	Significant prior period billing adjustments recorded in current year				
3b	Significant current period billing adjustments recorded in other year(s)				
4	CT 2148 for prior period corrections				
5	Impacts of GA deferral	\$ (164,013)	Difference between actual GA Deferral given to customers and amount received from the IESO	No	No PA , explains part of the G/L Balance
6	Host Distributor GA Billed on 1st Estimate	\$ (15,064)	Total IESO & Oakville Hydro host distributor billing differential (GA Billed 1st est vs GA Actual)	No	No PA , explains part of the G/L Balance
7	Correction of GA Transferred to Account 1588	\$ (553,602)	Correction to allocation of GA Charges based on actual non-RPP Volumes made in 2021.	Yes	Principal Adjustment made to 2020
8					
9					
10					
11					

Note 6	<b>Adjusted Net Change in Principal Balance in the GL</b>	\$ 570
	<b>Net Change in Expected GA Balance in the Year Per Analysis</b>	\$ 221,859
	<b>Unresolved Difference</b>	\$ (221,288)
	<b>Unresolved Difference as % of Expected GA Payments to IESO</b>	<u>-0.9%</u>



# Account 1588 Reasonability

Note 7 **Account 1588 Reasonability Test**

Year	Account 1588 - RSVA Power			Account 4705 - Power Purchased	Account 1588 as % of Account 4705		
	Transactions <sup>1</sup>	Principal Adjustments <sup>1</sup>	Total Activity in Calendar Year				
2016	-	670,446	1,056,748	386,301	54,357,360	0.7%	
2017	-	113,072	-	157,634	44,563	45,651,670	-0.1%
2018	-	1,009,391	-	1,053,449	44,058	48,076,620	0.1%
2019	-	437,497	-	441,608	4,111	47,312,834	0.0%
2020	-	801,112	-	907,598	106,486	63,900,115	0.2%
<b>Cumulative</b>	-	<b>2,805,375</b>	-	<b>3,301,768</b>	<b>496,393</b>	<b>259,298,599</b>	<b>0.2%</b>

**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?	Explanation if not 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?	Explanation if not 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-ration 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			
<b>Total Reversal Principal Adjustments</b>		-	
2016	<i>Current year principal adjustments</i>		
1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	(218,598)	2021
2	Unbilled to actual revenue differences		
3			
4			
5			
6			
7			
8			
<b>Total Current Year Principal Adjustments</b>		(218,598)	
<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>		(218,598)	

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			
<b>Total Reversal Principal Adjustments</b>		-	
2016	<i>Current year principal adjustments</i>		
1	CT 148 true-up of GA Charges based on actual RPP volumes	218,598	2021
2	CT 1142/142 true-up based on actuals	138,191	2021
3	Unbilled to actual revenue differences		
4	Current year accrual for SOP/Microfit timing differences	98,371	2017
5	Correction to coding IESO Charge Code 102 - from Energy to WMS	601,588	2021
6			
7			
8			
<b>Total Current Year Principal Adjustments</b>		1,056,748	
<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>		1,056,748	

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
<i>Reversals of prior year principal adjustments</i>			
1	Reversal of prior year CT-148 true-up of GA Charges based on actual Non-RPP volumes		
2	Reversal of Unbilled to actual revenue differences		
3			
4			
5			
6			
7			
8			
<b>Total Reversal Principal Adjustments</b>		-	
2017	<i>Current year principal adjustments</i>		
1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	(762,384)	2021
2	Unbilled to actual revenue differences		
3	Correction Oakville Glenorchy GA Rate Rider coded to WMS in error	80,033	2021
4	Current year Accrual for GA True-Up	261,268	2018
5			
6			
7			
8			
<b>Total Current Year Principal Adjustments</b>		(421,084)	
<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>		(421,084)	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
<i>2017 Reversals of prior year principal adjustments</i>			
1	Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
2	Reversal of CT 1142/142 true-up based on actuals		
3	Reversal of Unbilled to actual revenue differences		
4	Reversal of prior year accrual for SOP/Microfit timing differences	(98,371)	2017
5			
6			
7			
8			
<b>Total Reversal Principal Adjustments</b>		(98,371)	
2017	<i>Current year principal adjustments</i>		
1	CT 148 true-up of GA Charges based on actual RPP volumes		
2	Reversal of CT 1142/142 true-up based on actuals		
3	Unbilled to actual revenue differences		
4	CT 148 true-up of GA Charges based on actual RPP volumes	762,384	2021
5	CT 1142/142 true-up based on actuals	(1,937,347)	2021
6	Correction to Oakville Glenorchy electricity losses	361	2021
7	Current year accrual for SOP/Microfit timing differences	149,646	2018
8	Correction to coding IESO Charge Code 102 - from Energy to WMS	965,693	2021
<b>Total Current Year Principal Adjustments</b>		(59,264)	
<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>		(157,634)	

## GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

Account 1589 - RSVA Global Adjustment				
Year	Adjustment Description	Amount	Year Recorded in GL	
2018	<i>Reversals of prior year principal adjustments</i>			
	1	Reversal of prior year CT-148 true-up of GA Charges based on actual		
	2	Reversal of Unbilled to actual revenue differences		
	3	Reversal of Accrual for GA True-up	(261,268)	2018
	4			
	5			
	6			
	7			
	8			
	<b>Total Reversal Principal Adjustments</b>	(261,268)		
2018	<i>Current year principal adjustments</i>			
	1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	250,851	2021
	2	Unbilled to actual revenue differences		
	3	Current year Accrual for GA True-Up	(832,656)	2019
	4			
	5			
	6			
	7			
	8			
	<b>Total Current Year Principal Adjustments</b>	(581,806)		
	<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>	(843,074)		

Account 1588 - RSVA Power				
Year	Adjustment Description	Amount	Year Recorded in GL	
2018	<i>Reversals of prior year principal adjustments</i>			
	1	Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
	2	Reversal of CT 1142/142 true-up based on actuals		
	3	Reversal of Unbilled to actual revenue differences		
	4	Reversal of prior year accrual for SOP/Microfit timing differences	(149,646)	2018
	5			
	6			
	7			
	8			
	<b>Total Reversal Principal Adjustments</b>	(149,646)		
2018	<i>Current year principal adjustments</i>			
	1	CT 148 true-up of GA Charges based on actual RPP volumes		
	2	Reversal of CT 1142/142 true-up based on actuals		
	3	Unbilled to actual revenue differences		
	4	CT 148 true-up of GA Charges based on actual RPP volumes	(250,852)	2021
	5	CT 1142/142 true-up based on actuals	226,394	2021
	6	Current year accrual for SOP/Microfit timing differences	164,959	2019
	7	Correction to coding IESO Charge Code 102 - from Energy to WMS	1,062,593	2021
	8			
	<b>Total Current Year Principal Adjustments</b>	1,203,094		
	<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>	1,053,449		

Account 1589 - RSVA Global Adjustment				
Year	Adjustment Description	Amount	Year Recorded in GL	
2019	<i>Reversals of prior year principal adjustments</i>			
	1	Reversal of prior year CT-148 true-up of GA Charges based on actual		
	2	Reversal of Unbilled to actual revenue differences		
	3	Reversal of Accrual for GA True-up	832,656	2019
	4			
	5			
	6			
	7			
	8			
	<b>Total Reversal Principal Adjustments</b>	832,656		
2019	<i>Current year principal adjustments</i>			
	1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	(140,272)	2021
	2	Unbilled to actual revenue differences		
	3	Current year Accrual for GA True-Up	(82,644)	2020
	4			
	5			
	6			
	7			
	8			
	<b>Total Current Year Principal Adjustments</b>	(222,917)		
	<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>	609,740		

Account 1588 - RSVA Power				
Year	Adjustment Description	Amount	Year Recorded in GL	
2019	<i>Reversals of prior year principal adjustments</i>			
	1	Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
	2	Reversal of CT 1142/142 true-up based on actuals		
	3	Reversal of Unbilled to actual revenue differences		
	4	Reversal of prior year accrual for SOP/Microfit timing differences	(164,959)	2019
	5			
	6			
	7			
	8			
	<b>Total Reversal Principal Adjustments</b>	(164,959)		
2019	<i>Current year principal adjustments</i>			
	1	CT 148 true-up of GA Charges based on actual RPP volumes		
	2	Reversal of CT 1142/142 true-up based on actuals		
	3	Unbilled to actual revenue differences		
	4	CT 148 true-up of GA Charges based on actual RPP volumes	140,273	2021
	5	CT 1142/142 true-up based on actuals	1,394,839	2021
	6	Current year accrual for SOP/Microfit timing differences	134,049	2020
	7	Correction to coding IESO Charge Code 102 - from Energy to WMS	(1,062,593)	2021
	8			
	<b>Total Current Year Principal Adjustments</b>	606,567		
	<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>	441,608		

Account 1589 - RSVA Global Adjustment				
Year	Adjustment Description	Amount	Year Recorded in GL	
2020	<i>Reversals of prior year principal adjustments</i>			
	1	Reversal of prior year CT-148 true-up of GA Charges based on actual		
	2	Reversal of Unbilled to actual revenue differences		
	3	Reversal of Accrual for GA True-up	82,644	2020
	4			
	5			
	6			
	7			
	8			
	<b>Total Reversal Principal Adjustments</b>	82,644		
2020	<i>Current year principal adjustments</i>			
	1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	(553,602)	2021
	2	Unbilled to actual revenue differences		
	3	Current year Accrual for GA True-Up	170,667	2021
	4			
	5			
	6			
	7			
	8			
	<b>Total Current Year Principal Adjustments</b>	(382,936)		
	<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>	(300,291)		

Account 1588 - RSVA Power				
Year	Adjustment Description	Amount	Year Recorded in GL	
2020	<i>Reversals of prior year principal adjustments</i>			
	1	Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
	2	Reversal of CT 1142 true-up based on actuals		
	3	Reversal of Unbilled to actual revenue differences		
	4	Reversal of prior year accrual for SOP/Microfit timing differences	(134,049)	2020
	5			
	6			
	7			
	8			
	<b>Total Reversal Principal Adjustments</b>	(134,049)		
2020	<i>Current year principal adjustments</i>			
	1	CT 148 true-up of GA Charges based on actual RPP volumes		
	2	CT 1142 true-up based on actuals		
	3	Unbilled to actual revenue differences		
	4	CT 148 true-up of GA Charges based on actual RPP volumes	553,602	2021
	5	CT 1142/142 true-up based on actuals	383,923	2021
	6	Current year accrual for SOP/Microfit timing differences	124,121	2021
	7			
	8			
	<b>Total Current Year Principal Adjustments</b>	1,041,646		
	<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>	907,598		

**Appendix**

# **F**

## **1595 Analysis Workform Model**





## Instruction Sheet

<b>Summary of Changes from the Prior Year</b>
<p><b><u>Criteria for Disposition Eligibility</u></b></p> <p>The criteria for disposition eligibility has been revised to the following: Distributors only become eligible to seek disposition of these residual balances two years after the expiry of the rate rider (i.e. in the fourth rate year after the expiry of the rate rider) For example:</p> <ul style="list-style-type: none"><li>• January 1 rate year – If 2018 rate riders end on December 31, 2018, the balance of sub-account 1595 (2018) is eligible to be disposed once the December 31, 2020 account balance has been audited. Therefore, sub-account 1595 (2018) would be eligible for disposition in the 2022 rate year.</li><li>• May 1 rate year – If 2018 rate riders end on April 30, 2019, the balance of sub-account 1595 (2018) is eligible to be disposed once the December 31, 2021 account balance has been audited. Therefore, sub-account 1595 (2018) would be eligible for disposition in the 2023 rate year.</li></ul> <p>Note that applicants are expected to request disposition of residual balances in Account 1595 Sub-accounts on a final basis, only once, for each vintage Sub-account.</p>

### **Account 1595 Workform Instructions**

The Account 1595 Workform must be completed if the eligibility criteria for disposition is met, regardless of whether disposition is sought or not.

In the Information Sheet,

1. Select “Yes” or “No” with respect to eligibility for disposition in Column D.
2. If an applicant has any Account 1595 sub-accounts for years 2014 or before, indicate the number of 2014 and prior sub-accounts (including 2014). This should correspond to that included in the Account 1595 (2014 and pre-2014) row on the DVA Continuity Schedule/Tab 3 of the IRM Model.

*For example, if the applicant has residual balances for years 2010 and 2012, select 2 under “# of years” column, and two 1595 worksheets will open up for the applicant to enter detailed rate rider information.*

- a. In each worksheet generated for 2014 and prior years, indicate the year for which the worksheet relates to in cell C11. For example, enter 2010 and 2012 for the example above.
- b. Note that for DVA Continuity Schedule purposes, a separate schedule with amounts broken down by each vintage year 2014 and prior is to be provided, with the total reconciling to the amount in row for 1595 (2014 and pre-2014). The amounts in the 1595 worksheets for 2014 and pre-2014 years are expected to agree to the amounts on the separate schedule for 2014 and pre-2014 1595 vintage years provided to support the 1595 (2014 and pre-2014) balance in the DVA Continuity Schedule.

# 1595 Analysis Workform

**Account 1595 Analysis Workform**

Input cells  
Drop down cells

Utility Name | Milton Hydro Distribution Inc.  
**Utility name must be selected**

	Eligible for disposition?
2015 and pre-2015	
2016	Yes
2017	Yes
2018	No
2019	No
2020	No

Note that vintage years 2019 and 2020 are not eligible for disposition in the current rate year application.

# 1595 Analysis Workform

Step 1

Year in which this worksheet relates to		2016							
Components of the 1595 Account Balances:		Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment		\$1,196,299	-\$153,940	\$1,042,359	\$991,726	\$50,633	-\$11,389	\$39,244	4.9%
Account 1589 - Global Adjustment		\$2,170,192	\$70,568	\$2,240,760	\$2,289,535	-\$48,775	\$14,492	-\$34,283	-2.2%
Total Group 1 and Group 2 Balances		\$3,366,491	-\$83,372	\$3,283,119	\$3,281,261	\$1,858	\$3,103	\$4,961	0.1%
Shared Tax Savings (Approved by the OEB in Prior Decision(s) and Order(s) and Transferred to Account 1595), if any:									
Total Balances:								\$4,961	
Total residual balance per continuity schedule:								\$4,976	
Difference (any variance should be explained):								\$15	

\*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

# 1595 Analysis Workform

Year in which this worksheet relates to		2017								
Components of the 1595 Account Balances:		Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections>Returns Variance (%)	
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment		-\$2,359,093	-\$44,841	-\$2,403,934	-\$2,450,004	\$46,070	\$2,208	\$48,278	-1.9%	
Account 1589 - Global Adjustment		\$160,550	-\$5,052	\$155,507	\$165,354	-\$9,847	-\$4,835	-\$14,682	-6.3%	
Total Group 1 and Group 2 Balances		-\$2,198,534	-\$49,893	-\$2,248,427	-\$2,284,650	\$36,223	-\$2,627	\$33,596	-1.6%	
		Shared Tax Savings (Approved by the OEB in Prior Decision(s) and Order(s) and Transferred to Account 1595), if any:								
		Total Balances:						\$33,596		
		Total residual balance per continuity schedule:						\$34,087		
		Difference (any variance should be explained):						\$491		

\*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

**Appendix**

**G**

**(i) - 2015-2020 LRAM-VA  
Report**



## Milton Hydro Distribution Inc. 2015-2020 LRAMVA





Milton Hydro Distribution Inc.  
lost revenue related to  
Conservation and Demand Management

*2015-2020*





This document was prepared for Milton Hydro Distribution Inc. by IndEco Strategic Consulting Inc.

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IndEco Strategic Consulting Inc. 2021

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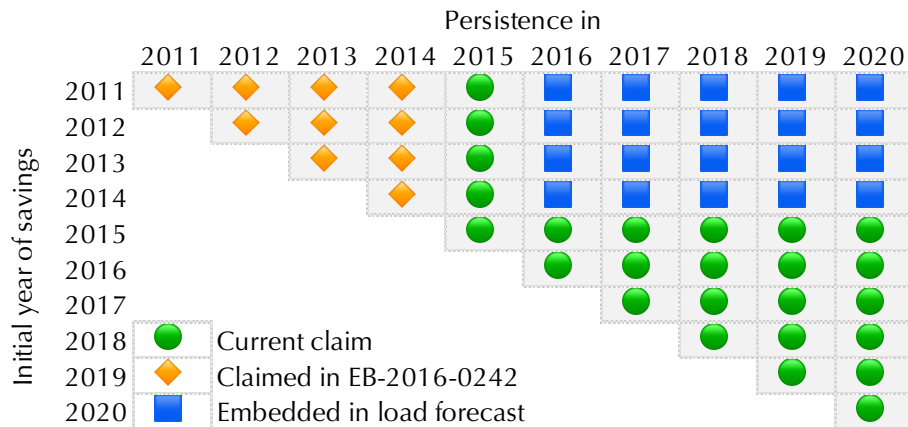
# Introduction

The Lost Revenue Adjustment Mechanism (LRAM) was developed to remove a disincentive electricity local distribution companies (LDCs) may have to promote conservation and demand management (CDM) programs. CDM programs are designed to provide energy savings and peak demand reductions for the customers of LDCs. These savings and reductions directly impact the LDC’s revenue. The LRAM allows LDCs to be compensated for lost revenue that results from CDM programs the LDC offers to its customers.

Starting in 2011, the Ontario Energy Board (OEB) authorized LDCs to establish an LRAM variance account (LRAMVA) to capture the impact of CDM programs on the revenue of LDCs. The variance in the LRAMVA is between the lost revenue due to independently verified load impacts of CDM and the lost revenue from any CDM impacts an LDC included in the LDC’s load forecast.<sup>1</sup>

Milton Hydro Distribution Inc. (MHDI) contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator – IESO) to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period and subsequently with the IESO for the 2015-2020 period.

Lost revenue variances being claimed in the 2022 rate application are summarized in Figure 1.



**Figure 1 LRAMVA claims**

MHDI is requesting disposition of the net lost revenues from persistent savings in 2015 of programs offered in 2011 to 2014 and net lost revenues from savings resulting from programs offered in 2015-2020 including in-year results and persistence of savings to December 31,

<sup>1</sup> Guidelines for Electricity Distributor Conservation and Demand Management. Ontario Energy Board. April 26, 2012 (EB-2012-0003).

2020. Carrying charges on these amounts through December 31, 2021 are also being claimed.

## Methodology

In principle, the determination of lost revenues is a simple calculation:

$$LR = (\text{CDM results} - \text{CDM results in the load forecast}) * \text{rate}$$

In practice, it is somewhat more complicated because of the limitations of the information available to calculate CDM results, the different time periods of results data and the rate year, and the need to determine carrying charges on the lost revenues.

The most recent input parameters available have been used to calculate the lost revenue values.

The information sources for the LRAMVA analysis are summarized in Table 1.

**Table 1 Information sources for LRAMVA analysis**

CDM program years	Sources	Information used in this analysis	Used for
<b>2011-2014</b>	2014 final verified results report for MHD1 (OPA)	Net first year energy savings by program Net first year demand reductions by program	Savings Savings
	2011-2015 persistence report for MHD1 (IESO)	Persistence of net results by program through 2020	Savings
	CDM databases (MHD1)	First year savings by project	Allocation to rate classes
<b>2015-2017</b>	2017 final verified results report for MHD1 (IESO)	Net first year energy savings by program Net first year demand reductions by program Persistence of results through 2020 by program	Savings Savings Savings
	2015, 2016 and 2017 final verified results by project (IESO)	Net first year energy savings by project Net first year demand reductions by project	Allocation to rate classes Allocation to rate classes
	April 2019 Participation & Cost Report for MHD1 (IESO)	Unverified first year net savings for 2018, Jan-Apr 2019, and adjustments for 2016 and 2017 by program Unverified persistence in 2020 by program	Savings Savings in 2020
<b>2018 - March 2019</b>	CDM databases (MHD1)	Reported gross demand savings	Reported gross savings
	2017 final verified results report for MHD1 (IESO)	Net-to-Gross and Realization Rates	Calculating net demand savings
	CDM databases (MHD1)	Reported gross first year energy savings by project Reported gross first year demand savings by project	Gross savings and allocation by program Gross savings and allocation by program
<b>2018-2020</b>	2017 final verified results report for MHD1 (IESO)	Net-to-Gross and Realization Rates	Calculating net energy and demand savings by program

## CDM RESULTS

For programs offered through 2017, the IESO performed evaluations which examined reported gross energy savings from the programs, and the Realization Rate (RR) and the net-to-gross ratio (NTGR), and then from those calculated net energy savings for each initiative or program. Peak load reductions were also calculated and reported in the same way. For some programs the IESO calculated gross and net energy at the project level.

Provincial results were allocated to individual LDCs based on each LDC's individual performance where possible, or through an allocation process.

The IESO reported energy savings and peak demand reductions, by program in the current year, adjustments to previous years based on updated validation, and contribution to total savings or reductions for the 2015 to 2017 period. The savings and demand reductions for a particular year for most programs persist for several years. The savings and demand reductions for demand response programs do not persist beyond the year in which those savings and demand reductions occur. The IESO provided the persistence into future years of savings and reductions for each program in each year.

Before final evaluation results were available, the IESO published monthly Participation and Cost (P&C) reports that showed both verified and preliminary unverified savings. With the ending of the Conservation First Framework by the Ontario government on April 1, 2019, the IESO stopped producing reports of verified results. Unverified net energy savings for 2018, Q1 2019 and adjustments to program results for earlier years that came in after the 2017 final verified results report are in the April 2019 Participation and Cost report for MHDI.

Subsequent to the final Participation and Cost report, a number of projects initiated before the ending of the CFF programs were completed. Reported gross savings for these are captured in MHDI's CDM databases, and in IESO databases. As recommended by the OEB, net savings of these projects are estimated using net-to-gross (NTG) and realization rate (RR) factors from the 2017 final verified results report.

The reported results included projects for streetlighting in the Town of Milton and Halton Region. Energy and demand savings are calculated based on the number and type of fixtures that were retrofitted.

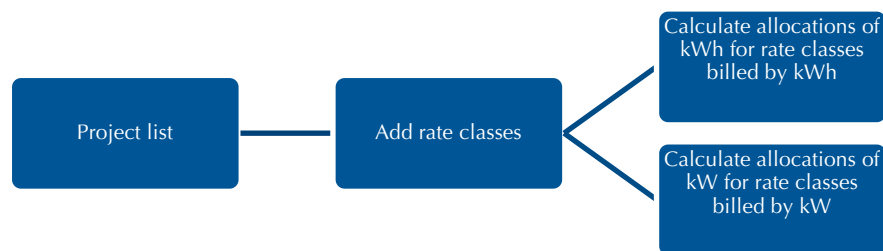
These are the best, most definitive, and defensible estimates of results associated with these programs and incorporate the most appropriate estimates of results from the measures installed.

### *Allocating results to rate classes*

The IESO reports results by program or initiative. These only partially map onto rate classes. The IESO provided net results by project for projects in programs that span multiple rate classes in 2015, 2016 and 2017 and Milton Hydro identified the rate classes for these projects to

calculate the allocation across rate classes. In 2018, 2019 and 2020, Milton Hydro reported information on projects to the IESO and again the rate classes were identified for individual projects to calculate the allocation. The allocation was calculated according to the billing unit of the relevant rate class. That is, for GS<50 kW projects, the allocation to GS<50 kW is the percentage of total kWh for projects in that rate class; for GS>50 kW, their allocation is the percentage of total kW for projects in that rate class.

In most cases, the allocation is straightforward. Only the Retrofit Program, its predecessor the Energy Efficiency Retrofit Initiative (EERI), and the High Performance New Construction program spanned more than one rate class in any given year. For these, allocations were done using the process described in Figure 2.



**Figure 2 Allocate savings to rate classes**

Rate classes were identified for all projects in the program, the percentage of total energy use in each rate class billed by kWh was calculated, and the percentage of total demand reductions in each rate class billed by kW was calculated.

MHDI bills customers in different rate classes using different volumetric units, either kilowatt hours (kWh), or customer peak monthly kilowatts (kW). The rate classes (and billing units) for MHDI are:

- Residential (kWh)
- GS <50 kW (kWh)
- GS 50 to 999 kW (kW)
- GS 1,000 to 4,999 kW (kW)
- Large Use (kW)
- Unmetered Scattered Load (kWh)
- Sentinel Lighting (kW)
- Street Lighting (kW).

The Town of Milton and the Halton Region undertook projects under the Retrofit program to retrofit streetlights more energy efficient LED bulbs. These projects were completed after the April 2019 Participation and Cost report. Milton Hydro has tracked the type and wattage of retrofitted fixtures, and details of these are shown on Tab 8 of the LRAMVA workform.



Along with the retrofitting of bulbs, Milton Hydro has been installing meters on the pedestal of streetlights. When meters are installed, the street lamp is transferred from the Street Lighting rate class to the GS<50 kW class. Adding meters is an ongoing process, and does not always occur at the same time that bulbs are retrofitted. As a consequence, the allocation of savings between the two rate classes changes over time. As the generic LRAMVA workform the OEB has developed provides for a constant allocation over time, the projects are shown as two separate programs (Retrofit – Metered Streetlights and Retrofit – Unmetered Streetlights). The associated persistent savings over time are calculated based on the combination of when bulbs are retrofitted, and when meters are installed. These calculations are shown on Tab 8 of the LRAMVA workform.

Tables 4-a through 4-d and 5-a through 5-f of the OEB LRAMVA work form show the percentage allocation by rate class for 2011 through 2020 results respectively. In each year the rate class allocation percentage totals for each program may not add up to exactly 100% in cases where kWh savings are allocated to rate classes billed by kWh and kW demand reductions are allocated to rate classes billed by kW. Details of the allocation calculation are on Tab 3-a of the work form.

### *Application of reported results*

Through 2017, the IESO reported both energy savings and reductions in demand. The demand reductions in the IESO reports are multiplied by the number of months a specific program impacts a customer's peak demand. "The IESO indicated that the demand savings from energy efficiency programs shown in the Final CDM Results should generally be multiplied by twelve (12) months to represent the demand savings the distributor has experienced over the entire year...In the case of the Building Commissioning initiative, the demand savings provided in the Final CDM Results should only be multiplied by three (3) as these savings are related to space cooling and do not occur throughout the full year, but only during the summer months, typically."<sup>2</sup>

The OEB has decided that lost revenue cannot be claimed for the kW values reported by the IESO for the Demand Response 3 (DR3) program. "The monthly peak demand of a demand-billed customer used for billing purposes may not correspond with the demand response event; even if it did, the lost revenues would only be related to a difference between the customer's peak demand absent the demand response event and the next highest peak demand for the customer in that month... Since the IESO's evaluations cannot confirm the nature of the demand savings relative to the billing period for demand-billed customers, it is not appropriate that distributors be

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<sup>2</sup> Ontario Energy Board, *Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs*, EB-2017-0182, May 19, 2017, p. 4.

credited with lost revenues from demand response programs, except for those situations where the distributor can explicitly demonstrate revenue impacts.”<sup>3</sup>

For 2018 and 2019 and adjustments to earlier years made after the 2017 final results were available, the IESO did not report demand reductions. Demand reductions were estimated based on the reported post-completion gross demand savings by project and the 2017 NTG and RR factors.

### *Load reductions accounted for in the load forecast*

In recent years, LDCs have incorporated projected load losses that will result from CDM programs in their load forecasts, submitted as part of their cost-of-service (COS) applications. When determining actual lost revenues, these forecasted reductions in a particular year need to be deducted from load losses attributable to CDM programs in that year to determine the final impact of CDM on revenues. That is, the impact is the *variance* between the results accounted for in the load forecast and the results attributable to the programs.

The cost-of-service application affecting 2015 results and persistence was filed for the 2011 rate year (EB-2010-0137). Rates were set based on the estimated CDM savings in 2011, and that estimate applies to each year until the next COS which estimated new values for 2016. These are shown on Table 2-a of the workform.

Anticipated CDM savings in 2016 are provided in the original COS application (EB-2015-0089). During the hearing, this was changed to remove anticipated streetlight savings in 2016, and to remove impacts from 2014 programs which were fully captured in the load forecast regression analysis. These are shown in Table 2-b of the workform.

### *Persistence*

Persistence of programs in 2011 to 2014 was provided by the IESO. Persistence of programs in 2015 to 2017 is included in the 2017 final verified results report.

The April 2019 Participation and Cost report provided estimated net energy persistence in 2020 for all verified and unverified results.

Where persistence data were not provided, persistence is estimated using the following methods:

- For programs in 2016 to 2019, the annual persistence of the unverified results to 2020 was estimated using linear interpolation between the program year and 2020.
- Where persistence is not provided for demand savings, these are assumed to persist at the same rate as the energy savings.

---

<sup>3</sup> Ibid. p. 7.

### *Overall impact of CDM on load, by rate class*

The overall impact of CDM energy savings and demand reductions on load is calculated from the IESO energy savings and peak demand reductions, allocated by rate class. Finally, the difference is calculated between the overall estimated impact on loads and the load reductions attributable to CDM that were estimated in the most recent COS application.

## DISTRIBUTION RATES

Revenue impacts to the LDC associated with CDM are calculated using the distribution volumetric rate. Most other rate components (e.g. service charges, global adjustment, transmission charges) are either fixed charges or pass-throughs for the utility that do not affect the LDC's revenues. An exception is for certain rate riders related to taxes, and these are added to the distribution volumetric rates for lost revenue calculations, where applicable.

For most electricity distribution utilities in Ontario, including MHDI, distribution rates are set for the period from 1 May to 30 April of the next year. CDM results are reported as first-year savings for programs by calendar year, so average rates for the calendar year need to be calculated. For simplicity, the average rate is estimated based on the rate being four-twelfths of the previous year's rate (for January through April), and eight-twelfths of the current year's rate (for May through December).

## CARRYING CHARGES

Because these revenues are lost throughout the year and are only recovered through rate riders in subsequent years, the Ontario Energy Board has permitted the LDCs to claim carrying charges on these lost revenues at a rate prescribed by the OEB and published on the Board's website. The carrying charges are simple interest, not compounded, and are calculated on the monthly lost revenue balance. Because the IESO final results are reported annually, and monthly estimates are not available, the incremental results are assumed to be equally distributed across the months. Thus, 1/12 of the annual results are allocated to each month of the year.

Carrying charges accrue from the time of the results, until disposition.

## REPORTING OF LOST REVENUE

The LDC reports these lost revenues on its financial statements in Account 1568, and the associated rate class-specific sub-accounts.

---

## Results

Following the methodology described above, lost revenues were calculated for MHDI. The results refer to tables provided in the completed LRAMVA workform that uses the OEB's template.

### LOST REVENUES

The lost revenues for each year by rate class for MHDI calculated from final CDM program results are shown in Table 1-b of the OEB LRAMVA work form. The lost revenue for 2015 through 2020 is based on the load impact for each rate class in 2015-2020 multiplied by the rate for that rate class in that year. The load impact includes the impact of CDM programs offered through the Conservation First Framework.

Table 1-b of the OEB LRAMVA work form also shows the anticipated lost revenue in 2015 through 2020 due to CDM activities accounted for in MHDI's 2011 and 2016 Cost of Service applications. The impact on MHDI's revenue is the variance between what is calculated from final CDM program results and estimated CDM activities.

### CARRYING CHARGES

The monthly carrying charges by rate class on MHDI's lost revenue variance are shown in Table 6 of the OEB LRAMVA work form. The carrying charges are reported monthly, from the time the lost revenues.

### TOTAL LRAMVA CLAIM

The LRAMVA balance on December 31, 2020 for MHDI that includes results from 2015-2020 CDM programs and projects, and persistence of CDM programs and projects from 2011-2020 through December 31, 2020 is \$1,097,610. The total carrying charges on this LRAMVA balance accumulated to December 31, 2021 are \$52,402. These balances are attributable to individual rate classes according to the following table:

Customer Class	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	\$272,749	\$18,186	\$290,935
GS < 50 kW	\$389,341	\$17,193	\$406,534
GS 50 to 999 kW	\$193,298	\$8,033	\$201,331
GS 1,000 to 4,999 kW	\$85,893	\$3,230	\$89,123
Large Use	\$81,447	\$4,612	\$86,059
Unmetered Scattered Load	\$0	\$0	\$0
Sentinel Lighting	\$0	\$0	\$0
Street Lighting	\$74,882	\$1,148	\$76,029
<b>Total</b>	<b>\$1,097,610</b>	<b>\$52,402</b>	<b>\$1,150,011</b>







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# **G**

## **(ii) - OEB LRAM-VA Model**







# Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

## Generic LRAMVA Work Forms

Worksheet Name	Description
<a href="#">1. LRAMVA Summary</a>	<b>Tables 1-a and 1-b</b> provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. The balances are populated from entries into other tabs throughout this work form.
<a href="#">1-a. Summary of Changes</a>	<b>Tables A-1 and A-2</b> include a template for LDCs to summarize changes to the LRAMVA work form.
<a href="#">2. LRAMVA Threshold</a>	<b>Tables 2-a, 2-b and 2-c</b> include the LRAMVA thresholds and allocations by rate class.
<a href="#">3. Distribution Rates</a>	<b>Tables 3-a and 3-b</b> include the distribution rates that are used to calculate lost revenues.
<a href="#">4. 2011-2014 LRAM</a>	<b>Tables 4-a, 4-b, 4-c and 4-d</b> include the template 2011-2014 LRAMVA work forms.
<a href="#">5. 2015-2020 LRAM</a>	<b>Tables 5-a, 5-b, 5-c and 5-d</b> include the template 2015-2020 LRAMVA work forms.
<a href="#">6. Carrying Charges</a>	<b>Table 6-b</b> includes the variance on carrying charges related to the LRAMVA disposition.
<a href="#">7. Persistence Report</a>	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
<a href="#">8. Streetlighting</a>	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report (i.e., streetlighting projects).

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



## LRAMVA Work Form: Instructions

Tab	Instructions
<b>LRAMVA Checklist/Schematic Tab</b>	<p>The LRAMVA work form was created in a generic manner for use by all LDCs. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below:</p> <ul style="list-style-type: none"> <li>o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a.</li> <li>o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form.</li> <li>o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved.</li> <li>o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO.</li> <li>o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form.</li> <li>o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable.</li> <li>o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.</li> </ul>
<b>Tab 1. LRAMVA Summary</b>	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
<b>Tab 1-a. Summary of Changes</b>	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
<b>Tab 2. LRAMVA Threshold</b>	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
<b>Tab 3. Distribution Rates</b>	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
<b>Tabs 4 and 5 (2011-2020)</b>	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> <li>o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO.</li> <li>o Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table.</li> <li>o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used.</li> <li>o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change.</li> <li>o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.</li> </ul>
<b>Tab 6. Carrying Charges</b>	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
<b>Tab 7. Persistence Report</b>	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
<b>Tab 8. Streetlighting</b>	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).



## LRAMVA Work Form: Checklist and Schematic

### General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results and Participation and Cost Report. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

$$\text{LRAMVA (\$)} = (\text{Actual Net CDM Savings} - \text{Forecast CDM Savings}) \times \text{Distribution Volumetric Rate} + \text{Carrying Charges from LRAMVA balance}$$

**Legend**

Drop Down List (Blue)

**Important Checklist**

- Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
- Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
- Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
- Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
- Apply the IESO verified savings adjustments to the year it relates to.
- Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
<b>Actual Incremental CDM Savings by Initiative</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
<u>x Allocation % to Rate Class</u>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
<b>Actual Lost Revenues (kWh and kW) by Rate Class</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
<u>x Distribution Rate by Rate Class</u>	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
<b>LRAMVA (\$) by Rate Class</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges (\$) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
<b>Total LRAMVA (\$) by Rate Class</b>	Tab "1. LRAMVA Summary"			



## LRAMVA Work Form: Summary Tab

<b>Legend</b>	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)

**LDC Name** Milton Hydro Distribution Inc.

**Application Details**

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

**A. Previous LRAMVA Application**

Previous LRAMVA Application (EB#)	EB-2016-0242
Application of Previous LRAMVA Claim	Application for LRAMVA Recovery 2011 to 2014 CDM
Period of LRAMVA Claimed in Previous Application	2011-2014
Amount of LRAMVA Claimed in Previous Application	\$ 143,787.00

**B. Current LRAMVA Application**

Current LRAMVA Application (EB#)	EB-2021-0042
Application of Current LRAMVA Claim	2023 COS
Period of New LRAMVA in this Application	2015-2022
Period of Rate Recovery (# years)	

**C. Documentation of Changes**

Original Amount  
Amount for Final Disposition

Actual Lost Revenues (\$)	A	\$	1,387,609
Forecast Lost Revenues (\$)	B	\$	289,999
Carrying Charges (\$)	C	\$	52,402
LRAMVA (\$) for Account 1568	A-B+C	\$	1,150,011

**Table 1-a. LRAMVA Totals by Rate Class**

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

**NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.**

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$272,749	\$18,186	\$290,935
GS<50 kW	kWh	\$389,341	\$17,193	\$406,534
GS 50 to 999 kW	kW	\$193,298	\$8,033	\$201,331
GS 1,000 to 4,999 kW	kW	\$85,893	\$3,230	\$89,123
Large Use	kW	\$81,447	\$4,612	\$86,059
Unmetered Scattered Load	kWh	\$0	\$0	\$0
Sentinel Lighting	kW	\$0	\$0	\$0
Street Lighting	kW	\$74,882	\$1,148	\$76,029
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
<b>Total</b>		<b>\$1,097,610</b>	<b>\$52,402</b>	<b>\$1,150,011</b>

**Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class**

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
		kWh	kWh	kW	kW	kW	kWh	kW	kW	
2011 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2012 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2013 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2014 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2015 Actuals	<input type="checkbox"/>	\$68,841.98	\$48,367.94	\$40,578.88	\$12,414.64	\$20,720.38	\$0.00	\$0.00	\$0.00	\$190,923.82
2015 Forecast		(\$17,557.03)	(\$6,289.93)	(\$6,343.19)	(\$2,971.88)	(\$1,676.93)	\$0.00	\$0.00	\$0.00	(\$34,838.95)
Amount Cleared										
2016 Actuals	<input type="checkbox"/>	\$62,694.26	\$51,526.42	\$13,132.24	\$5,359.88	\$14,570.08	\$0.00	\$0.00	\$0.00	\$147,282.89
2016 Forecast		(\$19,759.30)	(\$13,357.06)	(\$22,842.73)	(\$3,932.68)	(\$717.75)	\$0.00	\$0.00	\$0.00	(\$60,609.52)
Amount Cleared										
2017 Actuals	<input type="checkbox"/>	\$113,329.85	\$63,646.86	\$49,886.03	\$9,107.63	\$12,424.48	\$0.00	\$0.00	\$0.00	\$248,394.85
2017 Forecast		(\$14,043.80)	(\$13,510.59)	(\$24,151.57)	(\$3,559.87)	(\$614.78)	\$0.00	\$0.00	\$0.00	(\$55,880.60)
Amount Cleared										
2018 Actuals	<input type="checkbox"/>	\$71,664.01	\$89,497.56	\$68,428.36	\$23,459.79	\$12,699.37	\$0.00	\$0.00	\$0.00	\$265,749.08
2018 Forecast		(\$8,001.70)	(\$13,664.12)	(\$24,444.27)	(\$3,604.59)	(\$622.56)	\$0.00	\$0.00	\$0.00	(\$50,337.23)
Amount Cleared										
2019 Actuals	<input type="checkbox"/>	\$17,539.92	\$103,736.46	\$73,892.92	\$28,280.09	\$12,891.89	\$0.00	\$0.00	\$27,918.45	\$264,259.73
2019 Forecast		(\$1,959.60)	(\$13,817.65)	(\$24,737.77)	(\$3,648.65)	(\$630.08)	\$0.00	\$0.00	\$0.00	(\$44,793.74)
Amount Cleared										
2020 Actuals		\$0.00	\$107,253.41	\$75,041.79	\$28,697.17	\$13,042.80	\$0.00	\$0.00	\$46,963.15	\$270,998.32
2020 Forecast		\$0.00	(\$14,047.94)	(\$25,142.32)	(\$3,708.39)	(\$640.39)	\$0.00	\$0.00	\$0.00	(\$43,539.04)
Amount Cleared										
Carrying Charges		\$18,185.91	\$17,192.96	\$8,033.11	\$3,229.97	\$4,612.14	\$0.00	\$0.00	\$1,147.68	\$52,401.77
<b>Total LRAMVA Balance</b>		<b>\$290,935</b>	<b>\$406,534</b>	<b>\$201,331</b>	<b>\$89,123</b>	<b>\$86,059</b>	<b>\$0</b>	<b>\$0</b>	<b>\$76,029</b>	<b>\$1,150,011</b>

Note: LDC to make note of assumptions included above, if any



# LRAMVA Work Form: Summary of Changes

**Legend**

User Inputs (Green)
Drop Down List (Blue)
Instructions (Grey)

**Table A-1. Changes to Generic Assumptions in LRAMVA Work Form**

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	5. 2015-2020 LRAM	Rows 60, 125	Rows added to show a second set of adjustments	Facilitates comparison with IESO reports
2	5. 2015-2020 LRAM	B339, B483, B522, B525, B52	Changed name of program	MDHI program not listed in LRAMVA template
3	5. 2015-2020 LRAM	Rows 59:60, 308	Different allocation for results and true-ups	Used project specific information for each (see Tab 3-a)
4	5. 2015-2020 LRAM	Rows 859:863, 1048:1052	Special analysis for streetlights (from Tab 8)	Complicated by some fixtures changing from SL to GS<50 kW over time
5	3-a. Rate Class Allocations	Entire tab	Added tab with details of how rate class allocations were determined	Transparency
6				
7				
8				
9				
10				
etc.				

**Table A-2. Updates to LRAMVA Disposition**

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				



## LRAMVA Work Form: Forecast Lost Revenues

**Legend**

User Inputs (Green)
Drop Down List (Blue)
Auto Populated Cells (White)
Instructions (Grey)

**Table 2-a. LRAMVA Threshold**

2011

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting		
		kWh	kWh	kW	kW	kW	kWh	kW	kW	0.0	0.0
kWh	1,591,344	1,227,764	363,580								
kW	4,254			2451	1053	750					
Summary		1227764	363580	2451	1053	750	0	0	0	0	0

Years Included in Threshold 2011  
 Source of Threshold 2011 COS - EB-2010-0137

**Table 2-b. LRAMVA Threshold**

2016

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting		
		kWh	kWh	kW	kW	kW	kWh	kW	kW	0.0	0.0
kWh	6,363,091	1,633,000	767,647	2,953,909	791,396	217,139					
kW	10,017			7,932	1,669	416					
Summary		1,633,000	767,647	7,932	1,669	416	0	0	0	0	0

Years Included in Threshold 2015 & 2016  
 Source of Threshold [See discussion below](#)

**Table 2-c. Inputs for LRAMVA Thresholds**

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting		
		kWh	kWh	kW	kW	kW	kWh	kW	kW	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0
2015	2011	1,227,764	363,580	2,451	1,053	750	0	0	0	0	0
2016	2016	1,633,000	767,647	7,932	1,669	416	0	0	0	0	0
2017	2016	1,633,000	767,647	7,932	1,669	416	0	0	0	0	0
2018	2016	1,633,000	767,647	7,932	1,669	416	0	0	0	0	0
2019	2016	1,633,000	767,647	7,932	1,669	416	0	0	0	0	0
2020	2016	1,633,000	767,647	7,932	1,669	416	0	0	0	0	0

Note: LDC to make note of assumptions included above, if any

**LRAMVA Threshold for 2016**

The CDM forecast is set out in Table 3-5 of the original application (Milton Hydro\_COS APPL Exhibit 3\_20150828.PDF) on p. 13 of 43

Class	2015 Bridge Year	2016 Test Year	Total
Residential	774,900	858,100	1,633,000
General Service<50 kW	388,008	379,639	767,647
General Service 50 - 999 kW	1,484,091	1,469,818	2,953,909
General Service 1000 - 4999 kW	159,162	632,234	791,396
Large Users	217,139	-	217,139
Street Lights	1,555,100	2,221,600	3,776,700
Total	4,578,400	5,561,391	10,139,791
Less Street Lights	(1,555,100)	(2,221,600)	(3,776,700)
Adjusted Total	3,023,300	3,339,791	6,363,091

Notes: In Milton Hydro's response to 3.0-Staff-45, Milton Hydro stated that the Town of Milton did not implement any changes to its Actual load data for 2014 were used in the regression analysis, so 2014 results are not needed in either the manual adjustment

Using the rate class distribution above and kW/kWh from the load forecast worksheet yields the following LRAMVA threshold:

	Total	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 4,999 kW	Large Use
		kWh	kWh	kW	kW	kW
kWh	6,363,091	1,633,000	767,647	2,953,909	791,396	217,139
kW/kWh				0.00269	0.00211	0.00191
kW	10,017			7,932	1,669	416

Source: kW/kWh from the Weather Normalization Regression Model





# LRAMVA Work Form: Distribution Rates

**Table 3. Inputs for Distribution Rates and Adjustments by Rate Class**

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-0162	EB-2014-0094	EB-2016-0255	EB-2016-0093	EB-2017-0061	EB-2018-0053	EB-2019-0053	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)						11	4	4	4	4	4	4	
Period 2 (# months)		12	12	12	12	1	8	8	8	8	8	8	12
<b>Residential</b>						\$ 0.0142	\$ 0.0144	\$ 0.0110	\$ 0.0074	\$ 0.0037	\$ -	\$ -	
Rate rider for tax sharing	kWh					-\$ 0.0001							
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0141	\$ 0.0144	\$ 0.0110	\$ 0.0074	\$ 0.0037	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 0.0012	\$ 0.0143	\$ 0.0121	\$ 0.0086	\$ 0.0049	\$ 0.0012	\$ -	
<b>GS&lt;50 kW</b>						\$ 0.0172	\$ 0.0174	\$ 0.0174	\$ 0.0177	\$ 0.0179	\$ 0.0181	\$ 0.0184	
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0172	\$ 0.0174	\$ 0.0174	\$ 0.0177	\$ 0.0179	\$ 0.0181	\$ 0.0184
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 0.0014	\$ 0.0173	\$ 0.0174	\$ 0.0176	\$ 0.0178	\$ 0.0180	\$ 0.0183	
<b>GS 50 to 999 kW</b>						\$ 2.5613	\$ 2.5984	\$ 3.0204	\$ 3.0569	\$ 3.0939	\$ 3.1310	\$ 3.1889	
Rate rider for tax sharing	kW					\$ 0.0059							
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.5672	\$ 2.5984	\$ 3.0204	\$ 3.0569	\$ 3.0939	\$ 3.1310	\$ 3.1889
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 0.2139	\$ 2.5880	\$ 2.8797	\$ 3.0447	\$ 3.0816	\$ 3.1186	\$ 3.1696	
<b>GS 1,000 to 4,999 kW</b>						\$ 2.7974	\$ 2.8380	\$ 2.1159	\$ 2.1419	\$ 2.1691	\$ 2.1951	\$ 2.2357	
Rate rider for tax sharing	kW					-\$ 0.0065							
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.7909	\$ 2.8380	\$ 2.1159	\$ 2.1419	\$ 2.1691	\$ 2.1951	\$ 2.2357
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 0.2326	\$ 2.8223	\$ 2.3566	\$ 2.1332	\$ 2.1600	\$ 2.1864	\$ 2.2222	
<b>Large Use</b>						\$ 2.2162	\$ 2.2483	\$ 1.4658	\$ 1.4854	\$ 1.5037	\$ 1.5217	\$ 1.5499	
Rate rider for tax sharing	kW					-\$ 0.0051							
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.2111	\$ 2.2483	\$ 1.4658	\$ 1.4854	\$ 1.5037	\$ 1.5217	\$ 1.5499
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 0.1843	\$ 2.2359	\$ 1.7266	\$ 1.4789	\$ 1.4976	\$ 1.5157	\$ 1.5405	
<b>Unmetered Scattered Load</b>						\$ 0.0162	\$ 0.0166	\$ 0.0166	\$ 0.0169	\$ 0.0171	\$ 0.0173	\$ 0.0176	
Rate rider for tax sharing	kWh					-\$ 0.0001							
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0161	\$ 0.0166	\$ 0.0166	\$ 0.0169	\$ 0.0171	\$ 0.0173	\$ 0.0176
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 0.0013	\$ 0.0164	\$ 0.0166	\$ 0.0168	\$ 0.0170	\$ 0.0172	\$ 0.0175	
<b>Sentinel Lighting</b>						\$ 18.2017	\$ 18.4656	\$ 26.1496	\$ 32.8091	\$ 39.3025	\$ 39.7741	\$ 40.5099	
Rate rider for tax sharing	kW					-\$ 0.0669							
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18.1348	\$ 18.4656	\$ 26.1496	\$ 32.8091	\$ 39.3025	\$ 39.7741	\$ 40.5099
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 1.5112	\$ 18.3553	\$ 23.5883	\$ 30.5893	\$ 37.1380	\$ 39.6169	\$ 40.2646	
<b>Street Lighting</b>						\$ 8.8034	\$ 8.9310	\$ 10.5624	\$ 10.6912	\$ 10.8204	\$ 10.9502	\$ 11.1528	
Rate rider for tax sharing	kW					-\$ 0.0243							
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8.7791	\$ 8.9310	\$ 10.5624	\$ 10.6912	\$ 10.8204	\$ 10.9502	\$ 11.1528
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 0.7316	\$ 8.8804	\$ 10.0186	\$ 10.6483	\$ 10.7773	\$ 10.9069	\$ 11.0853	

0																
Rate rider for tax sharing	0															
Rate rider for foregone revenue																
Other																
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0																
Rate rider for tax sharing	0															
Rate rider for foregone revenue																
Other																
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0																
Rate rider for tax sharing	0															
Rate rider for foregone revenue																
Other																
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0																
Rate rider for tax sharing	0															
Rate rider for foregone revenue																
Other																
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0																
Rate rider for tax sharing	0															
Rate rider for foregone revenue																
Other																
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0																
Rate rider for tax sharing	0															
Rate rider for foregone revenue																
Other																
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

**Table 3-a. Distribution Rates by Rate Class**

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. **Please clear the rates related to the year(s) that are not part of the LRAMVA claim.**

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								
	kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	0
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0143	\$0.0173	\$2.5880	\$2.8223	\$2.2359	\$0.0164	\$18.3553	\$8.8804	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0121	\$0.0174	\$2.8797	\$2.3566	\$1.7286	\$0.0166	\$23.5883	\$10.0186	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0086	\$0.0176	\$3.0447	\$2.1332	\$1.4789	\$0.0168	\$30.5893	\$10.6483	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0049	\$0.0178	\$3.0816	\$2.1600	\$1.4976	\$0.0170	\$37.1380	\$10.7773	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0012	\$0.0180	\$3.1186	\$2.1864	\$1.5157	\$0.0172	\$39.6169	\$10.9069	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2020	\$0.0000	\$0.0183	\$3.1696	\$2.2222	\$1.5405	\$0.0175	\$40.2646	\$11.0853	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: 2014 removed from this table, whose distribution rates are not part of the LRAMVA disposition



## LRAMVA Work Form: Determination of Rate Class Allocations

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Application	Program	Year	Rate Class	Energy		Demand	Report type	Year Type	Program	GS<50 kW (kWh)	GS 50 to 999 kW (kW)	GS 1,000 to 4,999 kW (kW)	Large Use (kW)	Total
				savings (kWh)	savings (kW)									
137266	Retrofit	2015	GS 50-999 kW	1,198	0.1	Verified	2015	Verified	Audit Funding	100.00%	0.00%	0.00%	0.00%	100.00%
137266	Retrofit	2015	GS 50-999 kW	627	0.2	Verified	2015	Verified	EEM	100.00%	0.00%	0.00%	0.00%	100.00%
137266	Retrofit	2015	GS 50-999 kW	8,439	2.7	Verified	2015	Verified	Efficiency: Equipment Replacement Incentive Initiative	10.96%	0.55%	6.28%	53.85%	71.64%
138450	Retrofit	2015	GS 50-999 kW	6,764	2.1	Verified	2015	True-up in 2016	Efficiency: Equipment Replacement Incentive Initiative	4.95%	67.35%	0.00%	0.00%	72.30%
138450	Retrofit	2015	GS 50-999 kW	12,964	4.1	Verified	2015	True-up in 2017	Efficiency: Equipment Replacement Incentive Initiative	100.00%	0.00%	0.00%	0.00%	100.00%
138450	Retrofit	2015	GS 50-999 kW	15,772	4.9	Verified	2015	Verified	Save on Energy Retrofit Program	10.96%	0.55%	6.28%	53.85%	71.64%
134359	Retrofit	2015	GS<50 kW	750	0.2	Verified	2015	True-up in 2016	Save on Energy Retrofit Program	14.53%	72.19%	6.13%	0.00%	92.85%
134359	Retrofit	2015	GS<50 kW	2,468	0.8	Verified	2015	True-up in 2017	Save on Energy Retrofit Program	0.00%	0.00%	0.00%	100.00%	100.00%
134359	Retrofit	2015	GS<50 kW	2,937	0.9	Verified	2016	Verified	Save on Energy Audit Funding Program	0.00%	100.00%	0.00%	0.00%	100.00%
138800	Retrofit	2015	GS<50 kW	8,880	1.3	Verified	2016	True-up in 2017	Save on Energy Energy Manager Program	0.00%	0.00%	0.00%	0.00%	0.00%
137794	Retrofit	2015	GS 50-999 kW	96,782	24.0	Verified	2016	Verified	Save on Energy High Performance New Construction Progr	0.00%	0.00%	0.00%	0.00%	0.00%
137794	Retrofit	2015	GS 50-999 kW	851	0.1	Verified	2016	True-up in 2017	Save on Energy High Performance New Construction Progr	0.00%	100.00%	0.00%	0.00%	100.00%
137794	Retrofit	2015	GS 50-999 kW	1,433	0.4	Verified	2016	Verified	Save on Energy Retrofit Program	43.54%	36.60%	21.50%	0.00%	101.64%
137794	Retrofit	2015	GS 50-999 kW	169,488	28.7	Verified	2016	True-up in 2017	Save on Energy Retrofit Program	18.10%	82.67%	0.00%	0.59%	101.36%
139270	Retrofit	2015	GS 50-999 kW	530	0.4	Verified	2017	Verified	Save on Energy Retrofit Program	17.35%	44.16%	27.35%	0.00%	88.87%
133146	Retrofit	2015	GS 1,000 to 4,999 kW	6,621	2.2	Verified	2017	Verified	Save on Energy High Performance New Construction Progr	0.00%	100.00%	0.00%	0.00%	100.00%
137544	Retrofit	2015	GS 50-999 kW	90,373	15.3	Verified	2017	Verified	Save on Energy Energy Manager Program	0.00%	0.00%	0.00%	0.00%	0.00%
135904	Retrofit	2015	GS 50-999 kW	6,480	2.1	Verified	2018	MHDI Data	HPNC	0.00%	100.00%	0.00%	0.00%	100.00%
135904	Retrofit	2015	GS 50-999 kW	6,493	2.1	Verified	2018	MHDI Data	PSUI	0.00%	0.00%	100.00%	0.00%	100.00%
140240	Retrofit	2015	GS 50-999 kW	9,744	1.7	Verified	2018	MHDI Data	Retrofit	20.18%	31.35%	43.64%	0.54%	95.71%
136695	Retrofit	2015	GS<50 kW	31,474	-	Verified	2019	MHDI Data	Audit Funding	0.00%	0.00%	0.00%	0.00%	0.00%
136695	Retrofit	2015	GS<50 kW	-	-	Verified	2019	MHDI Data	Retrofit	13.00%	57.95%	25.84%	0.00%	96.79%
136695	Retrofit	2015	GS<50 kW	18,357	3.1	Verified	2019	MHDI Data	PSUI	0.00%	0.00%	0.00%	0.00%	0.00%
136695	Retrofit	2015	GS<50 kW	34,875	10.9	Verified	2020	MHDI Data	Audit Funding	0.00%	0.00%	0.00%	0.00%	0.00%
136695	Retrofit	2015	GS<50 kW	116,937	19.8	Verified	2020	MHDI Data	Retrofit	0.00%	0.00%	0.00%	0.00%	0.00%
138133	Retrofit	2015	GS 50-999 kW	18,509	6.3	Verified	2015	Verified						
138133	Retrofit	2015	GS 50-999 kW	1,597	0.1	Verified	2015	Verified						
138133	Retrofit	2015	GS 50-999 kW	857	0.3	Verified	2015	Verified						
138133	Retrofit	2015	GS 50-999 kW	1,182	0.4	Verified	2015	Verified						
138133	Retrofit	2015	GS 50-999 kW	5,857	1.9	Verified	2015	Verified						
139903	Retrofit	2015	GS<50 kW	12,852	2.4	Verified	2015	Verified						
138903	Retrofit	2015	GS<50 kW	1,752	-	Verified	2015	Verified						
138903	Retrofit	2015	GS<50 kW	28,184	5.6	Verified	2015	Verified						
138903	Retrofit	2015	GS<50 kW	77	0.0	Verified	2015	Verified						
138903	Retrofit	2015	GS<50 kW	296	0.1	Verified	2015	Verified						
138903	Retrofit	2015	GS<50 kW	1,208	0.4	Verified	2015	Verified						
138920	Retrofit	2015	GS<50 kW	1,898	-	Verified	2015	Verified						
138920	Retrofit	2015	GS<50 kW	2,804	-	Verified	2015	Verified						
138920	Retrofit	2015	GS<50 kW	4,468	-	Verified	2015	Verified						
138920	Retrofit	2015	GS<50 kW	-	-	Verified	2015	Verified						
138920	Retrofit	2015	GS<50 kW	114,828	15.6	Verified	2015	Verified						
141013	Retrofit	2015	GS 50-999 kW	6,905	2.1	Verified	2015	Verified						
135204	Retrofit	2015	GS<50 kW	4,015	0.4	Verified	2015	Verified						
135204	Retrofit	2015	GS<50 kW	1,161	0.2	Verified	2015	Verified						
136362	Retrofit	2015	GS<50 kW	533	-	Verified	2015	Verified						
136362	Retrofit	2015	GS<50 kW	5,575	3.0	Verified	2015	Verified						
137471	Retrofit	2015	GS<50 kW	1,219	-	Verified	2015	Verified						
137471	Retrofit	2015	GS<50 kW	6,920	2.8	Verified	2015	Verified						
134933	Retrofit	2015	GS 50-999 kW	12,499	3.9	Verified	2015	Verified						
131199	Retrofit	2015	GS<50 kW	3,068	1.0	Verified	2015	Verified						
142156	Retrofit	2015	GS 50-999 kW	1,878	0.5	Verified	2015	Verified						
141288	Retrofit	2015	GS 50-999 kW	717	0.2	Verified	2015	Verified						
141288	Retrofit	2015	GS 50-999 kW	977	0.3	Verified	2015	Verified						
141288	Retrofit	2015	GS 50-999 kW	1,115	0.3	Verified	2015	Verified						
141288	Retrofit	2015	GS 50-999 kW	4,282	0.7	Verified	2015	Verified						
141288	Retrofit	2015	GS 50-999 kW	3,079	1.0	Verified	2015	Verified						
141288	Retrofit	2015	GS 50-999 kW	113,750	19.3	Verified	2015	Verified						
142217	Retrofit	2015	GS<50 kW	16,831	4.0	Verified	2015	Verified						
139172	Retrofit	2015	GS 50-999 kW	73,895	8.4	Verified	2015	Verified						
143166	Retrofit	2015	GS 50-999 kW	240,493	31.9	Verified	2015	Verified						
143166	Retrofit	2015	GS 50-999 kW	-	-	Verified	2015	Verified						
143166	Retrofit	2015	GS 50-999 kW	4,417	-	Verified	2015	Verified						
143166	Retrofit	2015	GS 50-999 kW	6,405	-	Verified	2015	Verified						
143166	Retrofit	2015	GS 50-999 kW	12,911	4.1	Verified	2015	Verified						



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Application	Program	Year	Rate Class	Energy		Report type	Year Type	Program	GS<50 kW (kWh)	GS 50 to 999 kW (kW)	GS 1,000 to 4,999 kW (kW)	Large Use (kW)	Total
				savings (kWh)	Demand savings (kW)								
143503	Retrofit	2015	GS<50 kW	-	-	Verified							
143503	Retrofit	2015	GS<50 kW	7,556	0.7	Verified							
143753	Retrofit	2015	GS<50 kW	3,394	1.1	Verified							
143753	Retrofit	2015	GS<50 kW	102	0.0	Verified							
143753	Retrofit	2015	GS<50 kW	455	0.1	Verified							
143753	Retrofit	2015	GS<50 kW	773	0.2	Verified							
141540	Retrofit	2015	GS<50 kW	16,940	3.1	Verified							
143964	Retrofit	2015	GS 50-999 kW	603	0.8	Verified							
144129	Retrofit	2015	GS<50 kW	7,556	0.7	Verified							
144115	Retrofit	2015	GS<50 kW	2,316	0.7	Verified							
144116	Retrofit	2015	GS<50 kW	8,507	1.4	Verified							
144116	Retrofit	2015	GS<50 kW	27,300	4.6	Verified							
145233	Retrofit	2015	GS<50 kW	1,079	0.3	Verified							
145233	Retrofit	2015	GS<50 kW	177	0.1	Verified							
145233	Retrofit	2015	GS<50 kW	302	0.1	Verified							
145233	Retrofit	2015	GS<50 kW	998	0.1	Verified							
145233	Retrofit	2015	GS<50 kW	694	0.2	Verified							
145233	Retrofit	2015	GS<50 kW	937	0.3	Verified							
145233	Retrofit	2015	GS<50 kW	1,430	0.5	Verified							
145419	Retrofit	2015	GS 50-999 kW	15,356	-	Verified							
145252	Retrofit	2015	GS<50 kW	3,116	-	Verified							
144443	Retrofit	2015	GS 50-999 kW	9,475	3.0	Verified							
145426	Retrofit	2015	GS<50 kW	33,229	7.3	Verified							
140265	Retrofit	2015	Large Use	1,327,035	149.8	Verified							
141704	Retrofit	2015	GS 50-999 kW	8,158	-	Verified							
141704	Retrofit	2015	GS 50-999 kW	23,019	6.1	Verified							
145178	Retrofit	2015	GS 50-999 kW	10,801	-	Verified							
142393	Retrofit	2015	GS<50 kW	1,024	-	Verified							
142394	Retrofit	2015	GS<50 kW	12,575	2.2	Verified							
147331	Retrofit	2015	GS<50 kW	40,950	6.9	Verified							
146342	Retrofit	2015	GS<50 kW	4,174	1.3	Verified							
141326	Retrofit	2015	GS<50 kW	293	0.4	Verified							
138897	Retrofit	2015	GS 50-999 kW	836	-	Verified							
138897	Retrofit	2015	GS 50-999 kW	1,852	-	Verified							
138897	Retrofit	2015	GS 50-999 kW	82,823	28.2	Verified							
138897	Retrofit	2015	GS 50-999 kW	1,314	0.4	Verified							
144281	Retrofit	2015	GS<50 kW	-	-	Verified							
144281	Retrofit	2015	GS<50 kW	15,147	-	Verified							
144571	Retrofit	2015	GS 50 to 999 kW	7,218	2.1	Verified							
144571	Retrofit	2015	GS 50 to 999 kW	13,804	4.0	Verified							
136630	Retrofit	2015	GS<50 kW	9,423	3.7	Verified							
129712	Retrofit	2015	GS 50-999 kW	19,210	5.3	Verified							
143724	Retrofit	2015	GS 50-999 kW	93,206	14.1	Verified							
146632	Retrofit	2015	GS<50 kW	-	-	Verified							
146632	Retrofit	2015	GS<50 kW	313	-	Verified							
146632	Retrofit	2015	GS<50 kW	8,949	-	Verified							
146632	Retrofit	2015	GS<50 kW	396	0.1	Verified							
146632	Retrofit	2015	GS<50 kW	1,228	0.4	Verified							
146632	Retrofit	2015	GS<50 kW	3,629	0.6	Verified							
146632	Retrofit	2015	GS<50 kW	2,615	0.8	Verified							
132412	Retrofit	2015	GS 50-999 kW	-	-	Verified							
132412	Retrofit	2015	GS 50-999 kW	382	0.1	Verified							
132412	Retrofit	2015	GS 50-999 kW	1,933	0.6	Verified							
132412	Retrofit	2015	GS 50-999 kW	3,183	1.0	Verified							
132412	Retrofit	2015	GS 50-999 kW	2,949	0.9	Verified							
132412	Retrofit	2015	GS 50-999 kW	14,173	1.3	Verified							
132412	Retrofit	2015	GS 50-999 kW	4,493	1.4	Verified							
142083	Retrofit	2015	GS<50 kW	66,876	11.2	Verified							
145845	Retrofit	2015	GS<50 kW	4,382	-	Verified							
145845	Retrofit	2015	GS<50 kW	16,311	2.8	Verified							
149580	Retrofit	2015	GS 50-999 kW	13,302	1.4	Verified							
136735	Retrofit	2015	GS 50-999 kW	8,595	-	Verified							
136735	Retrofit	2015	GS 50-999 kW	87,837	-	Verified							
136737	Retrofit	2015	GS 50-999 kW	6,016	-	Verified							



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136737	Retrofit	2015	GS 50-999 kW	65,878	-	Verified							
148777	Retrofit	2015	GS<50 kW	10,500	3.2	Verified							
124456	Retrofit	2015	GS 50-999 kW	51,143	7.7	Verified							
146903	Retrofit	2015	GS<50 kW	11,043	-	Verified							
136741	Retrofit	2015	Large Use	656,438	164.2	Verified							
134439	Retrofit	2015	GS 1,000 to 4,999 kW	23,133	-	Verified							
148927	Retrofit	2015	GS<50 kW	9,329	-	Verified							
132556	Retrofit	2015	GS 50-999 kW	48,066	-	Verified							
132556	Retrofit	2015	GS 50-999 kW	116,952	-	Verified							
132556	Retrofit	2015	GS 50-999 kW	117,485	17.5	Verified							
130900	Retrofit	2015	Large Use	501,507	75.2	Verified							
132755	Retrofit	2015	Large Use	1,855,382	209.4	Verified							
147771	Retrofit	2015	GS 50-999 kW	5,964	1.2	Verified							
147771	Retrofit	2015	GS 50-999 kW	5,955	1.7	Verified							
145985	Retrofit	2015	GS<50 kW	10,062	-	Verified							
145349	Retrofit	2015	GS 50-999 kW	52,761	14.6	Verified							
145349	Retrofit	2015	GS 50-999 kW	2,098	-	Verified							
145349	Retrofit	2015	GS 50-999 kW	4,095	-	Verified							
150891	Retrofit	2015	GS<50 kW	838	-	Verified							
150702	Retrofit	2015	GS 50-999 kW	5,564	-	Verified							
150702	Retrofit	2015	GS 50-999 kW	2,285	-	Verified							
150702	Retrofit	2015	GS 50-999 kW	7,147	-	Verified							
150702	Retrofit	2015	GS 50-999 kW	102,692	-	Verified							
150702	Retrofit	2015	GS 50-999 kW	107,950	-	Verified							
152678	Retrofit	2015	GS<50 kW	-	-	Verified							
150024	Retrofit	2015	GS<50 kW	69,015	-	Verified							
124878	Retrofit	2015	GS<50 kW	8,503	2.7	Verified							
143212	Retrofit	2015	GS 50-999 kW	34,995	-	Verified							
143212	Retrofit	2015	GS 50-999 kW	90,736	21.5	Verified							
143212	Retrofit	2015	GS 50-999 kW	6,016	-	Verified							
143212	Retrofit	2015	GS 50-999 kW	31,370	-	Verified							
143589	Retrofit	2015	GS 1,000 to 4,999 kW	-	-	Verified							
143589	Retrofit	2015	GS 1,000 to 4,999 kW	-	-	Verified							
143589	Retrofit	2015	GS 1,000 to 4,999 kW	38,323	-	Verified							
143589	Retrofit	2015	GS 1,000 to 4,999 kW	93,276	20.5	Verified							
143589	Retrofit	2015	GS 1,000 to 4,999 kW	422,869	46.4	Verified							
143589	Retrofit	2015	GS 1,000 to 4,999 kW	-	-	Verified							
143589	Retrofit	2015	GS 1,000 to 4,999 kW	2,393	-	Verified							
143589	Retrofit	2015	GS 1,000 to 4,999 kW	4,095	-	Verified							
143589	Retrofit	2015	GS 1,000 to 4,999 kW	2,455	0.8	Verified							
150021	Retrofit	2015	GS<50 kW	33,144	7.0	Verified							
Hydroone-EEM-0155	EEM	2015	GS<50 kW	17,760	5.1	Verified							
[ECC8CEDA-D3F8-E41: Audit Fundin	2015	GS<50 kW	72,926	15.5	Verified								
84918	Save on Ener	2015	GS 50 to 999 kW	49,699	7.9	True-up in 2016							
84919	Save on Ener	2015	GS 50 to 999 kW	130,477	19.6	True-up in 2016							
84920	Save on Ener	2015	GS<50 kW	29,736	8.4	True-up in 2016							
84921	Save on Ener	2015	GS<50 kW	3,274	1.0	True-up in 2016							
84922	Save on Ener	2015	GS 1,000 to 4,999 kW	2,584	2.7	True-up in 2016							
84923	Save on Ener	2015	GS 50 to 999 kW	5,641	1.2	True-up in 2016							
84924	Save on Ener	2015	GS 50 to 999 kW	2,231	2.2	True-up in 2016							
84925	Save on Ener	2015	GS 50 to 999 kW	3,516	0.7	True-up in 2016							
84926	Save on Ener	2015	GS<50 kW	-	-	True-up in 2016							
84927	Save on Ener	2015	GS<50 kW	-	-	True-up in 2016							
84928	Save on Ener	2016	GS 1,000 to 4,999 kW	10,239	12.4	Verified							
84929	Save on Ener	2016	GS 1,000 to 4,999 kW	10,239	12.4	Verified							
84930	Save on Ener	2016	GS 1,000 to 4,999 kW	10,239	12.4	Verified							
84931	Save on Ener	2016	GS<50 kW	566,541	97.2	Verified							
84932	Save on Ener	2016	GS<50 kW	53,447	15.3	Verified							
84933	Save on Ener	2016	GS<50 kW	89,680	25.3	Verified							
84934	Save on Ener	2016	Large Use	6,617	-	Verified							
84935	Save on Ener	2016	Large Use	187,669	-	Verified							
84936	Save on Ener	2016	GS<50 kW	88,999	17.9	Verified							
84937	Save on Ener	2016	GS 50 to 999 kW	11,886	-	Verified							
84938	Save on Ener	2016	GS<50 kW	30,521	6.0	Verified							



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Application	Program	Year	Rate Class	Energy savings (kWh)	Demand savings (kW)	Report type
84939	Save on Ener	2016	GS 50 to 999 kW	376,727	90.0	Verified
84940	Save on Ener	2016	GS 50 to 999 kW	10,035	-	Verified
84941	Save on Ener	2016	GS 50 to 999 kW	75,627	17.7	Verified
84942	Save on Ener	2016	GS 50 to 999 kW	13,388	1.5	Verified
84943	Save on Ener	2016	GS<50 kW	304	0.1	Verified
84944	Save on Ener	2016	GS<50 kW	1,910	-	Verified
84945	Save on Ener	2016	GS 50 to 999 kW	51,245	6.1	Verified
84946	Save on Ener	2016	GS 50 to 999 kW	48,046	22.7	Verified
84947	Save on Ener	2016	GS<50 kW	9,586	3.1	Verified
84948	Save on Ener	2016	GS<50 kW	8,439	-	Verified
84949	Save on Ener	2016	GS<50 kW	5,065	1.2	Verified
84950	Save on Ener	2016	GS<50 kW	1,395	-	Verified
84951	Save on Ener	2016	GS 50 to 999 kW	87,607	17.6	Verified
84952	Save on Ener	2016	GS 50 to 999 kW	11,039	-	Verified
84953	Save on Ener	2016	GS 50 to 999 kW	9,935	0.4	Verified
84954	Save on Ener	2016	GS 50 to 999 kW	69,374	10.4	Verified
84955	Save on Ener	2016	GS 50 to 999 kW	1,794	-	Verified
84956	Save on Ener	2016	GS 1,000 to 4,999 kW	39,361	8.2	Verified
84957	Save on Ener	2016	GS<50 kW	7,282	0.5	Verified
84958	Save on Ener	2016	GS 50 to 999 kW	88,722	-	Verified
84959	Save on Ener	2016	GS 50 to 999 kW	14,376	0.9	Verified
84960	Save on Ener	2016	GS<50 kW	7,946	0.5	Verified
84961	Save on Ener	2016	GS<50 kW	26,740	-	Verified
84962	Save on Ener	2016	GS 50 to 999 kW	13,569	2.2	Verified
84963	Save on Ener	2016	GS<50 kW	60,061	-	Verified
84964	Save on Ener	2016	GS 50 to 999 kW	-	-	Verified
84965	Save on Ener	2016	GS 50 to 999 kW	14,490	1.8	Verified
84966	Save on Ener	2016	GS<50 kW	9,882	-	Verified
84967	Save on Ener	2016	GS<50 kW	6,922	-	Verified
84968	Save on Ener	2016	GS 1,000 to 4,999 kW	526,303	64.8	Verified
84969	Save on Ener	2016	GS 1,000 to 4,999 kW	17,176	1.8	Verified
84970	Save on Ener	2016	GS<50 kW	2,698	0.3	Verified
84971	Save on Ener	2016	GS<50 kW	11,275	0.7	Verified
84972	Save on Ener	2016	GS<50 kW	1,505	-	Verified
84973	Save on Ener	2016	GS 50 to 999 kW	29,116	3.2	Verified
84974	Save on Ener	2016	GS 50 to 999 kW	29,344	3.2	Verified
84975	Save on Ener	2016	GS 50 to 999 kW	23,702	2.7	Verified
84976	Save on Ener	2016	GS 50 to 999 kW	1,305	-	Verified
84977	Save on Ener	2016	GS 50 to 999 kW	3,638	-	Verified
84978	Save on Ener	2016	GS<50 kW	23,946	9.3	Verified
84979	Save on Ener	2016	GS<50 kW	711	0.1	Verified
84980	Save on Ener	2016	GS 50 to 999 kW	70,191	-	Verified
84981	Save on Ener	2016	GS 1,000 to 4,999 kW	38,199	-	Verified
84982	Save on Ener	2016	GS<50 kW	46,650	4.8	Verified
84983	Save on Ener	2016	GS<50 kW	47,507	-	Verified
84984	Save on Ener	2016	GS<50 kW	134,081	-	Verified
84985	Save on Ener	2016	GS<50 kW	-	0.1	Verified
84986	Save on Ener	2016	GS<50 kW	933	0.1	Verified
84987	Save on Ener	2016	GS 50 to 999 kW	21,305	3.3	Verified
84988	Save on Ener	2016	GS 50 to 999 kW	39,793	4.6	Verified
84989	Save on Ener	2016	GS<50 kW	70,960	-	Verified
84990	Save on Ener	2016	GS<50 kW	5,691	0.4	Verified
84991	Save on Ener	2016	GS 50 to 999 kW	3,046	3.5	Verified
84992	Save on Ener	2016	GS<50 kW	1,836	0.1	Verified
84993	Save on Ener	2016	GS 1,000 to 4,999 kW	8,342	0.5	Verified
84994	Save on Ener	2016	GS 50 to 999 kW	4,365	-	Verified
84995	Save on Ener	2016	GS<50 kW	101,338	17.6	Verified
84996	Save on Ener	2016	GS<50 kW	28,410	4.0	Verified
84997	Save on Ener	2016	GS<50 kW	44,430	5.9	Verified
84998	Save on Ener	2016	GS<50 kW	2,733	3.0	Verified
84999	Save on Ener	2016	GS<50 kW	815	-	Verified
85000	Save on Ener	2016	GS 50 to 999 kW	1,984	-	Verified
85001	Save on Ener	2016	GS 50 to 999 kW	10,914	-	Verified
85002	Save on Ener	2016	GS<50 kW	1,945	2.2	Verified

Year Type	Program	GS<50 kW (kWh)	GS 50 to 999 kW (kW)	GS 1,000 to 4,999 kW (kW)	Large Use (kW)	Total
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Application	Program	Year	Rate Class	Energy savings (kWh)	Demand savings (kW)	Report type	Year Type	Program	GS<50 kW (kWh)	GS 50 to 999 kW (kW)	GS 1,000 to 4,999 kW (kW)	Large Use (kW)	Total
85003	Save on Ener	2016	GS<50 kW	20,455	3.4	Verified							
85004	Save on Ener	2016	GS<50 kW	3,686	0.6	Verified							
85005	Save on Ener	2016	GS<50 kW	1,472	0.1	Verified							
85006	Save on Ener	2016	GS<50 kW	8,731	-	Verified							
85007	Save on Ener	2016	GS 50 to 999 kW	1,857	0.1	Verified							
85008	Save on Ener	2016	GS 50 to 999 kW	-	-	Verified							
85009	Save on Ener	2016	GS<50 kW	-	-	Verified							
85010	Save on Ener	2016	GS 50 to 999 kW	-	-	Verified							
85011	Save on Ener	2016	GS 1,000 to 4,999 kW	-	-	Verified							
85012	Save on Ener	2016	GS<50 kW	-	-	Verified							
85013	Save on Ener	2016	GS<50 kW	-	-	Verified							
85014	Save on Ener	2016	GS<50 kW	-	-	Verified							
85015	Save on Ener	2016	GS<50 kW	-	-	Verified							
85016	Save on Ener	2016	GS<50 kW	-	-	Verified							
85017	Save on Ener	2016	GS<50 kW	-	-	Verified							
85018	Save on Ener	2016	GS<50 kW	-	-	Verified							
85019	Save on Ener	2016	GS<50 kW	-	-	Verified							
85020	Save on Ener	2016	GS<50 kW	-	-	Verified							
85021	Save on Ener	2016	GS<50 kW	-	-	Verified							
85022	Save on Ener	2016	GS<50 kW	-	-	Verified							
85023	Save on Ener	2016	GS<50 kW	-	-	Verified							
84047	Efficiency: Et	2015	GS 50 to 999 kW	11,179	-	True-up in 2016							
84048	Efficiency: Et	2015	GS<50 kW	307	0.5	True-up in 2016							
84049	Efficiency: Et	2015	GS<50 kW	922	0.2	True-up in 2016							
84050	Efficiency: Et	2015	GS 50 to 999 kW	12,429	1.5	True-up in 2016							
84051	Energy Audit	2015	#N/A	-	-	True-up in 2016							
84076	Save on Ener	2016	GS 50 to 999 kW	13,143	1.7	Verified							
84077	Save on Ener	2016	GS 50 to 999 kW	n/a	n/a	Verified							
84903	Save on Ener	2016	GS<50 kW	n/a	n/a	Verified							
141804	Efficiency: Et	2015	GS<50 kW	5,037	0.5	True-up in 2017							
137513	Efficiency: Et	2015	GS<50 kW	55,898	9.4	True-up in 2017							
1001-001-EM	Save on Ener	2016	GS 50 to 999 kW	835	-	True-up in 2017							
1001-001-EM	Save on Ener	2017	GS 50 to 999 kW	1,305	-	Verified							
MiltonHydro10001	Save on Ener	2016	GS 50 to 999 kW	367,544	75.7	True-up in 2017							
10005	Save on Ener	2017	GS 50 to 999 kW	4,696,753	700.9	Verified							
140280	Save on Ener	2015	Large Use	2,391,630	103.8	True-up in 2017							
146638	Save on Ener	2016	GS<50 kW	10,869	2.2	True-up in 2017							
147522	Save on Ener	2016	GS 50 to 999 kW	237,777	21.3	True-up in 2017							
156057	Save on Ener	2016	GS 50 to 999 kW	74,061	20.1	True-up in 2017							
159012	Save on Ener	2016	GS 50 to 999 kW	18,848	4.9	True-up in 2017							
160220	Save on Ener	2016	GS 1,000 to 4,999 kW	89,887	-	True-up in 2017							
160987	Save on Ener	2016	GS<50 kW	-	-	True-up in 2017							
161690	Save on Ener	2016	Large Use	2,860	0.3	True-up in 2017							
162187	Save on Ener	2016	GS<50 kW	2,178	0.7	True-up in 2017							
162189	Save on Ener	2016	GS<50 kW	5,869	1.6	True-up in 2017							
162271	Save on Ener	2016	GS<50 kW	10,541	2.4	True-up in 2017							
162806	Save on Ener	2016	GS<50 kW	3,005	1.2	True-up in 2017							
162807	Save on Ener	2016	GS<50 kW	4,248	1.3	True-up in 2017							
162840	Save on Ener	2016	GS<50 kW	489	-	True-up in 2017							
165386	Save on Ener	2016	GS<50 kW	56,354	-	True-up in 2017							
172051	Save on Ener	2017	GS 50 to 999 kW	94,844	13.3	Verified							
172146	Save on Ener	2017	GS<50 kW	416	0.1	Verified							
172515	Save on Ener	2017	GS<50 kW	34,882	10.4	Verified							
171545	Save on Ener	2017	GS 1,000 to 4,999 kW	167,053	23.9	Verified							
173328	Save on Ener	2017	GS 50 to 999 kW	8,767	1.5	Verified							
173984	Save on Ener	2017	GS<50 kW	27,845	11.0	Verified							
174095	Save on Ener	2017	GS<50 kW	64,492	25.5	Verified							
162964	Save on Ener	2017	GS 50 to 999 kW	70,643	20.3	Verified							
171726	Save on Ener	2017	GS 50 to 999 kW	118,250	-	Verified							
178618	Save on Ener	2017	GS<50 kW	141,350	30.6	Verified							
182605	Save on Ener	2017	GS<50 kW	1,464	0.2	Verified							
177565	Save on Ener	2017	GS<50 kW	23,145	3.9	Verified							
180269	Save on Ener	2017	GS<50 kW	8,313	1.4	Verified							
180324	Save on Ener	2017	GS 50 to 999 kW	702	0.1	Verified							



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Application	Program	Year	Rate Class	Energy savings (kWh)	Demand savings (kW)	Report type
183391	Save on Ener	2017	GS<50 kW	6,046	1.0	Verified
176626	Save on Ener	2017	GS 50 to 999 kW	263,645	50.7	Verified
177672	Save on Ener	2017	GS 50 to 999 kW	196,911	31.2	Verified
179899	Save on Ener	2017	GS 50 to 999 kW	5,871	1.0	Verified
179901	Save on Ener	2017	GS 50 to 999 kW	13,024	-	Verified
182620	Save on Ener	2017	GS 50 to 999 kW	4,146	-	Verified
182688	Save on Ener	2017	GS<50 kW	7,361	2.9	Verified
183678	Save on Ener	2017	GS<50 kW	7,893	3.2	Verified
160155	Save on Ener	2017	GS<50 kW	31,835	9.7	Verified
175004	Save on Ener	2017	GS 1,000 to 4,999 kW	24,335	3.9	Verified
175056	Save on Ener	2017	GS 1,000 to 4,999 kW	73,004	11.7	Verified
176657	Save on Ener	2017	GS<50 kW	42,109	10.0	Verified
177457	Save on Ener	2017	GS 1,000 to 4,999 kW	78,958	11.1	Verified
178938	Save on Ener	2017	GS<50 kW	24,914	7.2	Verified
179083	Save on Ener	2017	GS<50 kW	6,218	-	Verified
180608	Save on Ener	2017	GS 50 to 999 kW	174,523	26.8	Verified
181442	Save on Ener	2017	GS 1,000 to 4,999 kW	12,276	2.5	Verified
183912	Save on Ener	2017	GS<50 kW	7,752	1.3	Verified
172960	Save on Ener	2017	GS<50 kW	9,757	1.7	Verified
174014	Save on Ener	2017	GS 50 to 999 kW	65,310	10.7	Verified
178093	Save on Ener	2017	GS 50 to 999 kW	377,385	49.6	Verified
178622	Save on Ener	2017	GS<50 kW	3,090	0.5	Verified
179647	Save on Ener	2017	GS 50 to 999 kW	82,017	27.2	Verified
185003	Save on Ener	2017	GS<50 kW	2,117	0.4	Verified
185091	Save on Ener	2017	GS<50 kW	4,146	0.7	Verified
185399	Save on Ener	2017	GS<50 kW	56,399	28.5	Verified
187452	Save on Ener	2017	GS<50 kW	548	0.1	Verified
187773	Save on Ener	2017	GS<50 kW	2,201	0.9	Verified
171262	Save on Ener	2017	GS<50 kW	3,992	2.0	Verified
162157	Save on Ener	2017	GS 50 to 999 kW	46,111	1.6	Verified
185072	Save on Ener	2017	GS 1,000 to 4,999 kW	67,913	13.1	Verified
178745	Save on Ener	2017	GS 50 to 999 kW	4,614	0.7	Verified
178642	Save on Ener	2017	GS 50 to 999 kW	8,663	1.4	Verified
178794	Save on Ener	2017	GS 50 to 999 kW	24,703	1.3	Verified
180181	Save on Ener	2017	GS 1,000 to 4,999 kW	737,790	81.0	Verified
185911	Save on Ener	2017	GS<50 kW	53,079	-	Verified
194770	Retrofit	2018	GS<50 kW	17,934	2.2	MHDI Data
194931	Retrofit	2018	GS<50 kW	4,236	0.5	MHDI Data
177005	Retrofit	2018	GS<50 kW	6,935	1.7	MHDI Data
179468	Retrofit	2018	GS<50 kW	8,377	2.0	MHDI Data
181973	Retrofit	2018	GS<50 kW	8,958	2.7	MHDI Data
184028	Retrofit	2018	GS<50 kW	68,203	-	MHDI Data
186314	Retrofit	2018	GS<50 kW	91,819	26.4	MHDI Data
186330	Retrofit	2018	GS<50 kW	78,384	6.1	MHDI Data
187778	Retrofit	2018	GS<50 kW	4,114	1.0	MHDI Data
187843	Retrofit	2018	GS<50 kW	4,703	1.1	MHDI Data
188004	Retrofit	2018	GS<50 kW	14,798	4.0	MHDI Data
188378	Retrofit	2018	GS<50 kW	7,318	-	MHDI Data
188548	Retrofit	2018	GS<50 kW	1,368	0.3	MHDI Data
188751	Retrofit	2018	GS<50 kW	2,827	0.7	MHDI Data
189143	Retrofit	2018	GS<50 kW	20,180	4.6	MHDI Data
189332	Retrofit	2018	GS<50 kW	1,252	0.3	MHDI Data
189333	Retrofit	2018	GS<50 kW	1,380	0.3	MHDI Data
189334	Retrofit	2018	GS<50 kW	1,559	0.4	MHDI Data
189359	Retrofit	2018	GS<50 kW	12,043	-	MHDI Data
189504	Retrofit	2018	GS<50 kW	15,539	-	MHDI Data
189597	Retrofit	2018	GS<50 kW	3,840	-	MHDI Data
190969	Retrofit	2018	GS<50 kW	16,904	5.0	MHDI Data
191513	Retrofit	2018	GS<50 kW	50,908	6.1	MHDI Data
191513	Retrofit	2018	GS<50 kW	55,556	6.8	MHDI Data
191593	Retrofit	2018	GS<50 kW	29,451	6.9	MHDI Data
192219	Retrofit	2018	GS<50 kW	51,235	6.5	MHDI Data
192275	Retrofit	2018	GS<50 kW	8,626	2.1	MHDI Data
192797	Retrofit	2018	GS<50 kW	20,235	4.9	MHDI Data

Year Type	Program	GS<50 kW (kWh)	GS 50 to 999 kW (kW)	GS 1,000 to 4,999 kW (kW)	Large Use (kW)	Total
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Application	Program	Year	Rate Class	Energy savings (kWh)	Demand savings (kW)	Report type
193690	Retrofit	2018	GS<50 kW	203,158	68.1	MHDI Data
193844	Retrofit	2018	GS<50 kW	70,734	9.4	MHDI Data
194055	Retrofit	2018	GS<50 kW	22,178	6.2	MHDI Data
194824	Retrofit	2018	GS<50 kW	8,784	2.1	MHDI Data
195092	Retrofit	2018	GS<50 kW	7,753	2.0	MHDI Data
195786	Retrofit	2018	GS<50 kW	4,292	-	MHDI Data
196294	Retrofit	2018	GS<50 kW	31,485	5.3	MHDI Data
197407	Retrofit	2018	GS<50 kW	19,650	5.7	MHDI Data
197462	Retrofit	2018	GS<50 kW	15,316	4.4	MHDI Data
197898	Retrofit	2018	GS<50 kW	4,122	1.1	MHDI Data
198321	Retrofit	2018	GS<50 kW	185,944	54.8	MHDI Data
198629	Retrofit	2018	GS<50 kW	50,991	12.3	MHDI Data
198833	Retrofit	2018	GS<50 kW	6,286	-	MHDI Data
198833	Retrofit	2018	GS<50 kW	21,771	4.1	MHDI Data
199124	Retrofit	2018	GS<50 kW	30,635	-	MHDI Data
200064	Retrofit	2018	GS<50 kW	6,389	-	MHDI Data
200600	Retrofit	2018	GS<50 kW	2,062	0.5	MHDI Data
200609	Retrofit	2018	GS<50 kW	74,887	19.2	MHDI Data
201212	Retrofit	2018	GS<50 kW	25,568	6.2	MHDI Data
201800	Retrofit	2018	GS<50 kW	3,752	1.8	MHDI Data
186792	Retrofit	2018	GS 1,000 to 4,999 kW	33,568	4.0	MHDI Data
186793	Retrofit	2018	GS 1,000 to 4,999 kW	33,568	4.3	MHDI Data
193287	Retrofit	2018	GS 1,000 to 4,999 kW	44,758	5.7	MHDI Data
601462	PSUI	2018	GS 1,000 to 4,999 kW	399,242	21.6	MHDI Data
188675	Retrofit	2018	GS 1,000 to 4,999 kW	1,612,135	141.3	MHDI Data
191650	Retrofit	2018	GS 1,000 to 4,999 kW	1,415,774	372.4	MHDI Data
189405	Retrofit	2018	Large Use	51,641	6.6	MHDI Data
10011	HPNC	2018	GS 50 to 999 kW	79,660	16.8	MHDI Data
159225	Retrofit	2018	GS 50 to 999 kW	38,295	-	MHDI Data
165613	Retrofit	2018	GS 50 to 999 kW	62,748	17.8	MHDI Data
167447	Retrofit	2018	GS 50 to 999 kW	23,411	6.5	MHDI Data
181328	Retrofit	2018	GS 50 to 999 kW	4,788	-	MHDI Data
181329	Retrofit	2018	GS 50 to 999 kW	89,741	-	MHDI Data
181332	Retrofit	2018	GS 50 to 999 kW	255,623	-	MHDI Data
186376	Retrofit	2018	GS 50 to 999 kW	192,999	40.3	MHDI Data
187530	Retrofit	2018	GS 50 to 999 kW	50,996	12.5	MHDI Data
187886	Retrofit	2018	GS 50 to 999 kW	139,589	20.9	MHDI Data
189563	Retrofit	2018	GS 50 to 999 kW	69,033	19.9	MHDI Data
190248	Retrofit	2018	GS 50 to 999 kW	9,787	1.4	MHDI Data
190458	Retrofit	2018	GS 50 to 999 kW	218,206	47.1	MHDI Data
190458	Retrofit	2018	GS 50 to 999 kW	133,357	-	MHDI Data
191183	Retrofit	2018	GS 50 to 999 kW	17,501	-	MHDI Data
191464	Retrofit	2018	GS 50 to 999 kW	32,619	-	MHDI Data
192234	Retrofit	2018	GS 50 to 999 kW	47,406	24.5	MHDI Data
192382	Retrofit	2018	GS 50 to 999 kW	290,646	44.8	MHDI Data
192489	Retrofit	2018	GS 50 to 999 kW	19,524	6.2	MHDI Data
193569	Retrofit	2018	GS 50 to 999 kW	10,846	2.6	MHDI Data
194641	Retrofit	2018	GS 50 to 999 kW	37,564	11.1	MHDI Data
194752	Retrofit	2018	GS 50 to 999 kW	9,054	-	MHDI Data
195434	Retrofit	2018	GS 50 to 999 kW	21,772	5.3	MHDI Data
195434	Retrofit	2018	GS 50 to 999 kW	17,887	4.3	MHDI Data
195434	Retrofit	2018	GS 50 to 999 kW	19,911	4.8	MHDI Data
195444	Retrofit	2018	GS 50 to 999 kW	178,188	35.7	MHDI Data
196223	Retrofit	2018	GS 50 to 999 kW	13,598	3.3	MHDI Data
196714	Retrofit	2018	GS 50 to 999 kW	20,993	4.9	MHDI Data
198259	Retrofit	2018	GS 50 to 999 kW	35,959	-	MHDI Data
199040	Retrofit	2018	GS 50 to 999 kW	1,422	0.3	MHDI Data
201934	Retrofit	2018	GS 50 to 999 kW	67,633	11.7	MHDI Data
202428	Retrofit	2018	GS 50 to 999 kW	33,808	10.0	MHDI Data
188289	Retrofit	2018	GS 50 to 999 kW	17,463	7.8	MHDI Data
192818	Retrofit	2018	GS 50 to 999 kW	36,746	8.9	MHDI Data
193821	Retrofit	2018	GS 50 to 999 kW	8,836	2.0	MHDI Data
194478	Retrofit	2018	GS 50 to 999 kW	10,302	3.5	MHDI Data
196000	Retrofit	2018	GS 50 to 999 kW	120,056	19.6	MHDI Data

Year Type	Program	GS<50 kW (kWh)	GS 50 to 999 kW (kW)	GS 1,000 to 4,999 kW (kW)	Large Use (kW)	Total
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# LRAMVA Work Form: Determination of Rate Class Allocations

### Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supporting documentation and rationale for its proposal. This should be shown by customer class and program each year.

Applicants are responsible for ensuring that all documents filed with the OEB, including responses to OEB staff questions and other supporting documentation, do not include personal information (as that phrase is defined in the Freedom of Information and Protection of Privacy Act), unless filed in rule 9A of the OEB's Rules of Practice and Procedure.

Application	Program	Year	Rate Class	Energy savings (kWh)	Demand savings (kW)	Report type
201213	Retrofit	2018	GS 50 to 999 kW	5,819	1.4	MHDI Data
10000	HPNC	2018	GS 50 to 999 kW	809,966	92.2	MHDI Data
187395	Retrofit	2019	GS<50 kW	7,194	2.0	MHDI Data
187840	Retrofit	2019	GS<50 kW	91,671	-	MHDI Data
187840	Retrofit	2019	GS<50 kW	27,010	3.3	MHDI Data
194952	Retrofit	2019	GS<50 kW	12,820	5.0	MHDI Data
197184	Retrofit	2019	GS<50 kW	14,059	-	MHDI Data
199142	Retrofit	2019	GS<50 kW	28,190	8.0	MHDI Data
200003	Retrofit	2019	GS<50 kW	129,757	25.8	MHDI Data
202559	Retrofit	2019	GS<50 kW	4,232	1.5	MHDI Data
204014	Retrofit	2019	GS<50 kW	6,602	2.4	MHDI Data
204373	Retrofit	2019	GS<50 kW	598	0.7	MHDI Data
204511	Retrofit	2019	GS<50 kW	52,456	-	MHDI Data
205193	Retrofit	2019	GS<50 kW	591	1.6	MHDI Data
205684	Retrofit	2019	GS<50 kW	14,164	3.4	MHDI Data
206553	Retrofit	2019	GS<50 kW	39,011	10.5	MHDI Data
206553	Retrofit	2019	GS<50 kW	2,571	-	MHDI Data
197149	Retrofit	2019	GS 1,000 to 4,999 kW	1,321,115	102.3	MHDI Data
601434	PSUI	2019	GS 1,000 to 4,999 kW	-	-	MHDI Data
20061	Audit	2019	Large Use	-	-	MHDI Data
171329	Retrofit	2019	GS 50 to 999 kW	21,873	5.3	MHDI Data
191502	Retrofit	2019	GS 50 to 999 kW	8,060	-	MHDI Data
191518	Retrofit	2019	GS 50 to 999 kW	8,060	-	MHDI Data
192499	Retrofit	2019	GS 50 to 999 kW	69,202	16.7	MHDI Data
195434	Retrofit	2019	GS 50 to 999 kW	-	-	MHDI Data
196136	Retrofit	2019	GS 50 to 999 kW	107,999	44.2	MHDI Data
196447	Retrofit	2019	GS 50 to 999 kW	7,898	1.9	MHDI Data
199654	Retrofit	2019	GS 50 to 999 kW	102,977	20.9	MHDI Data
204089	Retrofit	2019	GS 50 to 999 kW	17,410	-	MHDI Data
205119	Retrofit	2019	GS 50 to 999 kW	555,001	71.0	MHDI Data
205496	Retrofit	2019	GS 50 to 999 kW	116,992	22.8	MHDI Data
206189	Retrofit	2019	GS 50 to 999 kW	305,134	-	MHDI Data
202956	Retrofit	2019	GS 50 to 999 kW	89,563	11.2	MHDI Data
202956	Retrofit	2019	GS 50 to 999 kW	120,319	33.6	MHDI Data
204483	Retrofit	2019	GS 50 to 999 kW	31,887	1.9	MHDI Data
20060	Audit	2020	GS 1,000 to 4,999 kW	-	-	MHDI Data

Year Type	Program	GS<50 kW (kWh)	GS 50 to 999 kW (kW)	GS 1,000 to 4,999 kW (kW)	Large Use (kW)	Total
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Table 5-d. 2018 Lost Revenues Work Form

Table with columns for Program, Results Status, Net Energy Savings Persistence (kWh), Net Demand Savings (kW), Net Peak Demand Savings Persistence (kW), and Rate Allocations for LRAMVA. Includes sub-sections for Conservation First Framework, Residential Province-Wide Programs, Non-Residential Province-Wide Programs, and Pilot Programs.

Note: LDC to make note of key assumptions included above

Table 5-e. 2019 Lost Revenues Work Form

Table with columns for Program, Results Status, Net Energy Savings Persistence (kWh), Net Demand Savings (kW), Net Peak Demand Savings Persistence (kW), and Rate Allocations for LRAMVA. Includes sub-sections for Conservation First Framework, Non-Residential Province-Wide Programs, Save on Energy Rebate Program - Metered Street Lights, Save on Energy Rebate Program - Unmetered Street Lights, and Save on Energy Small Business Lighting Program.

Note: Details of all shelving projects are from Tab 8









LRAMVA Work Form:
Carrying Charges by Rate Class

Legend
User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

- 1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.
2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.
3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts included in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.

Table 6. Prescribed Interest Rates

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

Table with columns: Quarter, Approved Deferral & Variance Accounts, Month, Period, Quarter, Monthly Rate, Residential, GS<50 kW, GS 50 to 999 kW, GS 1,000 to 4,999 kW, Large Use, Unmetered Scattered Load, Sentinel Lighting, Street Lighting, Total. Rows include monthly data from 2015 to 2019, categorized by quarter and rate class, with sub-totals for each year.



# LRAMVA Work Form: Carrying Charges by Rate Class

**Legend**

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

- Instructions**
1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.
  2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.
  3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts included in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. **If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.**

Table 6. Prescribed Interest Rates

Table 6-a. Calculation of Carrying Costs by Rate Class

[Go to Tab 1: Summary](#)

Quarter	Approved Deferral & Variance Accounts	Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total	
		<b>Total for 2019</b>				\$12,880.95	\$10,789.80	\$4,899.59	\$1,872.91	\$3,183.63	\$0.00	\$0.00	\$280.52	\$0.00	\$33,907.41
		Amount Cleared													
		<b>Opening Balance for 2020</b>				\$12,880.95	\$10,789.80	\$4,899.59	\$1,872.91	\$3,183.63	\$0.00	\$0.00	\$280.52	\$0.00	\$33,907.41
		Jan-20	2011-2020	Q1	0.18%	\$495.49	\$537.98	\$260.51	\$110.64	\$125.43	\$0.00	\$0.00	\$50.72	\$0.00	\$1,580.77
		Feb-20	2011-2020	Q1	0.18%	\$495.49	\$552.09	\$268.06	\$114.43	\$127.31	\$0.00	\$0.00	\$57.83	\$0.00	\$1,615.21
		Mar-20	2011-2020	Q1	0.18%	\$495.49	\$566.20	\$275.62	\$118.21	\$129.19	\$0.00	\$0.00	\$64.94	\$0.00	\$1,649.64
		Apr-20	2011-2020	Q2	0.18%	\$495.49	\$580.31	\$283.17	\$121.99	\$131.06	\$0.00	\$0.00	\$72.05	\$0.00	\$1,684.08
		May-20	2011-2020	Q2	0.18%	\$495.49	\$594.42	\$290.72	\$125.78	\$132.94	\$0.00	\$0.00	\$79.16	\$0.00	\$1,718.51
		Jun-20	2011-2020	Q2	0.18%	\$495.49	\$608.53	\$298.28	\$129.56	\$134.82	\$0.00	\$0.00	\$86.27	\$0.00	\$1,752.95
		Jul-20	2011-2020	Q3	0.05%	\$129.56	\$162.80	\$79.97	\$34.86	\$35.74	\$0.00	\$0.00	\$24.42	\$0.00	\$467.34
		Aug-20	2011-2020	Q3	0.05%	\$129.56	\$166.49	\$81.94	\$35.85	\$36.23	\$0.00	\$0.00	\$26.27	\$0.00	\$476.35
		Sep-20	2011-2020	Q3	0.05%	\$129.56	\$170.18	\$83.92	\$36.84	\$36.72	\$0.00	\$0.00	\$28.13	\$0.00	\$485.35
		Oct-20	2011-2020	Q4	0.05%	\$129.56	\$173.87	\$85.89	\$37.83	\$37.21	\$0.00	\$0.00	\$29.99	\$0.00	\$494.35
		Nov-20	2011-2020	Q4	0.05%	\$129.56	\$177.56	\$87.87	\$38.82	\$37.71	\$0.00	\$0.00	\$31.85	\$0.00	\$503.36
		Dec-20	2011-2020	Q4	0.05%	\$129.56	\$181.25	\$89.84	\$39.81	\$38.20	\$0.00	\$0.00	\$33.71	\$0.00	\$512.36
		<b>Total for 2020</b>				\$16,631.24	\$15,261.49	\$7,085.37	\$2,817.53	\$4,186.19	\$0.00	\$0.00	\$865.85	\$0.00	\$46,847.68
		Amount Cleared													
		<b>Opening Balance for 2021</b>				\$16,631.24	\$15,261.49	\$7,085.37	\$2,817.53	\$4,186.19	\$0.00	\$0.00	\$865.85	\$0.00	\$46,847.68
		Jan-21	2011-2021	Q1	0.05%	\$129.56	\$140.66	\$68.11	\$28.93	\$32.80	\$0.00	\$0.00	\$13.26	\$0.00	\$413.32
		Feb-21	2011-2021	Q1	0.05%	\$129.56	\$144.35	\$70.09	\$29.92	\$33.29	\$0.00	\$0.00	\$15.12	\$0.00	\$422.32
		Mar-21	2011-2021	Q1	0.05%	\$129.56	\$148.04	\$72.06	\$30.91	\$33.78	\$0.00	\$0.00	\$16.98	\$0.00	\$431.33
		Apr-21	2011-2021	Q2	0.05%	\$129.56	\$151.73	\$74.04	\$31.90	\$34.27	\$0.00	\$0.00	\$18.84	\$0.00	\$440.33
		May-21	2011-2021	Q2	0.05%	\$129.56	\$155.42	\$76.02	\$32.89	\$34.76	\$0.00	\$0.00	\$20.70	\$0.00	\$449.34
		Jun-21	2011-2021	Q2	0.05%	\$129.56	\$159.11	\$77.99	\$33.88	\$35.25	\$0.00	\$0.00	\$22.56	\$0.00	\$458.34
		Jul-21	2011-2021	Q3	0.05%	\$129.56	\$162.80	\$79.97	\$34.86	\$35.74	\$0.00	\$0.00	\$24.42	\$0.00	\$467.34
		Aug-21	2011-2021	Q3	0.05%	\$129.56	\$166.49	\$81.94	\$35.85	\$36.23	\$0.00	\$0.00	\$26.27	\$0.00	\$476.35
		Sep-21	2011-2021	Q3	0.05%	\$129.56	\$170.18	\$83.92	\$36.84	\$36.72	\$0.00	\$0.00	\$28.13	\$0.00	\$485.35
		Oct-21	2011-2021	Q4	0.05%	\$129.56	\$173.87	\$85.89	\$37.83	\$37.21	\$0.00	\$0.00	\$29.99	\$0.00	\$494.35
		Nov-21	2011-2021	Q4	0.05%	\$129.56	\$177.56	\$87.87	\$38.82	\$37.71	\$0.00	\$0.00	\$31.85	\$0.00	\$503.36
		Dec-21	2011-2021	Q4	0.05%	\$129.56	\$181.25	\$89.84	\$39.81	\$38.20	\$0.00	\$0.00	\$33.71	\$0.00	\$512.36
		<b>Total for 2021</b>				\$18,185.91	\$17,192.96	\$8,033.11	\$3,229.97	\$4,612.14	\$0.00	\$0.00	\$1,147.68	\$0.00	\$52,401.77









LRAMVA Work Form: Documentation for Streetlighting Projects

Legend | User Inputs (Green)

Instructions

Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

Distributors are encouraged to provide data in the following format, and complete a separate set of following tables for each project. The tables below are meant to be an example. Distributors should complete the tables based on the actual project details. Please create the necessary links to Tab 4/5 and tabulations within this LRAMVA workform to calculate the LRAMVA amounts. Alternatively, LDCs may submit a separate attachment with the project level details for billed demand by type of bulb.

Table 8-a 2019 Streetlighting savings summary (net)

Table with columns: Program, Net Energy Savings Persistence (kWh) for years 2019-2022, Monthly multiplier, Net Demand Savings Persistence (kWh) for years 2019-2022, Energy Savings (kWh), Demand Savings (kWh), Allocation (GS<50 kW, Street Lighting).

Source: Summary of Table 8-f below, multiplied by NTG from 2017 final results report for MHD.
Retrofitted Demand Net to Gross 0.87050162
Retrofitted Energy Net to Gross 0.855323095

Table 8-b 2020 Streetlighting savings summary (net)

Table with columns: Program, Net Energy Savings Persistence (kWh) for years 2020-2023, Monthly multiplier, Net Demand Savings Persistence (kWh) for years 2020-2023, Energy Savings (kWh), Demand Savings (kWh), Allocation (GS<50 kW, Street Lighting).

Source: Summary of Table 8-f below, multiplied by NTG from 2017 final results report for MHD.

Table 8-c Raw data on fixtures changes

Table with columns: Customer, Billing change month, Year, Old bulb type, Billed wattage, New bulb type, New wattage, kW savings, kWh savings, Add metering.

Table 8-d Projects in 2019

Table with columns: Billing change, Energy savings (kWh), Demand savings (kW), Billed by kWh, Billed by kW.

Note: savings are cumulative amounts. First year energy savings are divided by 12 to get monthly amounts

Table 8-f Annual summary of 2019 projects (gross)

Table with columns: Annual Summary, Energy Savings (kWh), Demand Savings (kW), Metered SL (kWh), Unmetered SL (kWh).

Source: Calculated from Table 8-d above. Note: demand savings are divided by 12 to get average amounts

Table 8-e Projects in 2020

Table with columns: Billing change, Energy savings (kWh), Demand savings (kW), Billed by kWh, Billed by kW.

Source: Calculated from Table 8-c. Note: savings are cumulative amounts. First year energy savings are divided by 12 to get monthly amounts

Table 8-g Annual summary of 2020 projects (gross)

Table with columns: Annual Summary, Energy Savings (kWh), Demand Savings (kW), Metered SL (kWh), Unmetered SL (kWh).

Source: Calculated from Table 8-e above. Note: demand savings are divided by 12 to get average amounts

Table with columns: Customer, Billing change month, Year, Old bulb type, Billed wattage, New bulb type, New wattage, kW savings, kWh savings, Add metering.







LRAMVA Work Form:
Documentation for Streetlighting Projects

Table with columns: Municipality, Date, Project Name, Quantity, Unit, Price, Total Price, and Start Date. It lists streetlighting projects across various municipalities in Ontario, including TOWN OF MILTON, REGION OF HALTON, and REGION OF YORK.



LRAMVA Work Form:
Documentation for Streetlighting Projects

Table with columns for location (e.g., TOWN OF MILTON), date (e.g., Jan 2019), equipment type (e.g., 2019 Cobra HPS-400), quantity, and cost (e.g., 68, 402, 1688.4). Includes various equipment models like Smart LED-68, LED-86, and LED-100.





LRAMVA Work Form:
Documentation for Streetlighting Projects

Table with columns for location (TOWN OF MILTON), date (May 2019), fixture type (e.g., 2019 Cobra HPS-250), quantity (300), lumens (LED-86, LED-65), and lumens per foot (86, 65). Includes a date column for later entries ranging from Aug 2020 to Sep 2020.













LRAMVA Work Form:
Documentation for Streetlighting Projects

Table with columns for Project Name, Date, Description, Quantity, Unit, Cost, and Date. Contains multiple rows for 'TOWN OF MILTON' projects, including descriptions like '2019 Cobra HPS-250' and '2019 Cobra HPS-70' with associated quantities and costs.



LRAMVA Work Form:
Documentation for Streetlighting Projects

Table with columns: Municipality, Date, Project Name, Quantity, Unit, Price, Total, and Reporting Date. Contains multiple rows for 'TOWN OF MILTON' with various streetlighting project details.

















LRAMVA Work Form:
Documentation for Streetlighting Projects

Table with columns for location (TOWN OF MILTON), date (Aug 2019, Sep 2019), equipment type (Cobra HPS-100, Cobra HPS-250), wattage (135, 300), lumens (LED-65, LED-134, LED-162, Smart LED-65, Smart LED-162), and quantity (65, 70, 294, 134, 166, 697.2, 138, 579.6).

Jun 2020





LRAMVA Work Form:
Documentation for Streetlighting Projects

Table with columns for Region, Date, Description, Quantity, Unit, and Price. Rows include entries for various streetlighting projects in Milton and Halton regions, such as '2019 Cobra HPS-250' and '2019 Cobra HPS-400'.





LRAMVA Work Form:
Documentation for Streetlighting Projects

Table with columns for Region, Date, Project Name, Quantity, Unit, and Date. Rows include entries for REGION OF HALTON, TOWN OF MILTON, and TOWN OF HALTON with various project names like '2019 Cobra HPS-250' and '2019 Cobra LED-147'.



LRAMVA Work Form:
Documentation for Streetlighting Projects

Table with columns for REGION OF HALTON, Date, Project Name, and various numerical values. The table lists numerous streetlighting projects from 2019 to 2020, including details like '2019 Cobra LED-147' and '2020 Cobra HPS-250'.





















LRAMVA Work Form:
Documentation for Streetlighting Projects

Table with columns for Region (e.g., REGION OF HALTON, TOWN OF MILTON), Date (e.g., Mar 2020, Apr 2020), Equipment Type (e.g., 2020 Cobra HPS-250), Quantity, and Price (e.g., 86, 214, 898.8). Includes various dates from 2020 up to 2021.







LRAMVA Work Form:
Documentation for Streetlighting Projects

Table with columns for Region, Date, Equipment Type, Quantity, and Price. Includes rows for various regions like Halton and Milton with equipment types like Cobra HPS-250 and RCOBRA HPS-2.



Ontario Energy Board

# LRAMVA Work Form: Documentation for Streetlighting Projects

Version 6.0 (2022)

REGION OF HALTON	Nov 2020	2020 RCOBRA HPS-2	300	Smart LED-198	198	102	428.4	Oct 2020
REGION OF HALTON	Nov 2020	2020 RCOBRA HPS-2	300	Smart LED-198	198	102	428.4	Oct 2020

**Appendix**

# H

## **Rate Rider for Rate Year Alignment Calculation**





**Appendix**



# **Updated Low Voltage Service Rate Calculation**



**Milton Hydro Distribution Inc. - 2022 Low Voltage Rate Calculation**

Rate Class	Unit	RTSR - Connection per kWh <sup>1</sup>	RTSR - Connection per kW <sup>1</sup>	Loss Adjusted Billed RTSR kWh <sup>2</sup>	Billed RTSR kW <sup>2</sup>	Basis for Allocation <sup>3</sup>	Allocation %	Allocated \$ Amount	Calculated LV Rate/kWh	Calculated LV Rate/kW
Residential Service Classification	\$/kWh	0.0067		368,795,615	-	2,476,780	40.54%	\$ 415,192	0.0011	
General Service Less Than 50 kW Service Classification	\$/kWh	0.0060		82,946,361	-	497,975	8.15%	\$ 83,477	0.0010	
General Service 50 To 999 kW Service Classification	\$/kW		2.7264		567,734	1,547,890	25.34%	\$ 259,478		0.4570
General Service 1,000 To 4,999 kW Service Classification	\$/kW		2.6821		278,404	746,699	12.22%	\$ 125,172		0.4496
Large Use Service Classification	\$/kW		2.9994		268,251	804,604	13.17%	\$ 134,879		0.5028
Unmetered Scattered Load Service Classification	\$/kWh	0.0060		1,107,919	-	6,651	0.11%	\$ 1,115	0.0010	
Sentinel Lighting Service Classification	\$/kW		1.8726		398	745	0.01%	\$ 125		0.3139
Street Lighting Service Classification	\$/kW		1.8340		15,143	27,773	0.45%	\$ 4,656		0.3074
						<u>6,109,118</u>	<u>100.00%</u>	<u>\$ 1,024,093</u>		

1 - Proposed 2022 RTSR Line and Transformation Connection Rates

2 - Quantities from most recent RRR filing

3 - As per forecast retail billing of RTSR Line and Transformation Connection. 2022 IRM Rate Generator, Tab 15. RTSR Rates to Forecast

**Appendix**

# **2022 OEB IRM Checklist**





# 2022 IRM Checklist

## Milton Hydro Distribution Inc.

### EB-2021-0042

Date: August 12, 2021

Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
<b>3.1.2 Components of the Application Filing</b>		
2	Manager's summary documenting and explaining all rate adjustments requested	Manager Summary (MS)
2	Contact info - primary contact may be a person within the distributor's organization other than the primary license contact	MS Page 5 of 52
3	Completed Rate Generator Model and supplementary work forms, Excel and PDF	Appendix D, and Excel File
3	Current tariff sheet, PDF	Appendix B
3	Supporting documentation (e.g. relevant past decisions, RRWF etc.)	N/A
3	Statement as to who will be affected by the application, specific customer groups affected by particular request	MS Introduction 3.1 (i)
3	Distributor's internet address	MS Introduction 3.1 (h)
3	Statement confirming accuracy of billing determinants pre-populated in model	MS Introduction 3.1 (c) (iii)
3	Text searchable PDF format for all documents	Complete, Submitted in RESS
3	An Excel version of the IRM Checklist	Complete, Submitted in RESS
<b>3.2.2 Revenue to Cost Ratio Adjustments</b>		
6	Revenue to Cost Ratio Adjustment Workform, if distributor is seeking revenue to cost ratio adjustments due to previous OEB decision	N/A
<b>3.2.3 Rate Design for Residential Electricity Customers</b>		
<b>Applicable only to distributors that have not completed the residential rate design transition</b>		
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
7	Mitigation plan if total bill increases for any customer class exceed 10%	N/A
<b>3.2.4 Electricity Distribution Retail Transmission Service Rates</b>		
<b>No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB</b>		
<b>3.2.5 Review and Disposition of Group 1 DVA Balances</b>		
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	Rate Generator Tab 3
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	Confirmed. Continuity schedule starts with 2015 closing balances
9	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	MS 3.2.5 Page 10 of 52
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"	MS 3.2.5 Page 9 of 52
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	Rate riders being proposed for recovery/refund over 1 year
<b>3.2.5.1 Wholesale Market Participants</b>		
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	Tab 7. Rate Generator Model
<b>3.2.5.2 Global Adjustment</b>		
11	Separate GA rate rider established (variable charge) applicable to Non-RPP Class B customers when clearing balances in the GA Variance Account	Tab 6.1 Rate Generator Model
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	Appendix E
<b>3.2.5.3 Commodity Accounts 1588 and 1589</b>		
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	MS Introduction 3.1 (c) (ii)
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	MS 3.2.5.3 page 16, 17, 18, 19
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	Appendix A
<b>3.2.5.4 Capacity Based Recovery (CBR)</b>		
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	Confirmed, completed tabs 6 and 6.2a of the Rate Generator Model
<b>3.2.5.5 Disposition of Account 1595</b>		
14	Confirmation that residual balances in Account 1595 Sub-accounts for each vintage year have only been disposed once	MS 3.2.5.5 Disposition of Account 1595
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)	Appendix F
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
<b>3.2.6 Lost Revenue Adjustment Mechanism Variance Account</b>		
16	Completed latest version of LRAMVA Workform in a working Excel file when making LRAMVA requests for remaining amounts related to CFF activity	Appendix G
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	Submitted
18	Meet the OEB's requirements related to personal information and commercially sensitive information as stated in the Filing Requirements	Confirmed
19	Statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition	Indeco LRAM-VA Report Page 1
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	Indeco LRAM-VA Report Page 2
20	Summary table with principal and carrying charges by rate class and resulting rate riders	MS 3.2.6 Tables 8 and 12
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	MS 3.2.6 Table 12
20	Statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used	MS 3.2.6 Table 10
20	Rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form)	Indeco LRAM-VA Report Pages 3-5
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)	Indeco LRAM-VA Report Pages 3-4

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## Milton Hydro Distribution Inc.

### EB-2021-0042

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Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
20 - 21	<p>For a distributor's streetlighting project(s) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings.</p> <p>For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following information:</p> <ul style="list-style-type: none"> <li>o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS application</li> <li>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)</li> <li>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)</li> <li>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</li> <li>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)</li> </ul>	MS 3.2.6 Page 30-31 OEB LRAM-VA Model Tab 3a, Tab 8 Indeco LRAM-VA Report Pages 3-5 OEB LRAM-VA model shows associated energy savings separately for IESO programs on workform and does not double count.
21	<p>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:</p> <ul style="list-style-type: none"> <li>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</li> <li>o Rationale for net-to-gross assumptions used</li> <li>o Breakdown of billed demand and detailed level calculations in live excel format</li> </ul>	Indeco LRAM-VA Report Page 3, 4 and 6 OEB LRAM-VA Model Tab 8
<b>3.2.7 Tax Changes</b>		
22	Tabs 8 and 9 of Rate Generator model are completed, if applicable	N/A
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	N/A
<b>3.2.8 Z-Factor Claims</b>		
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	<b>Evidence that costs incurred meet criteria of causation, materiality and prudence</b>	N/A
23 - 24	<p>In addition, the distributor must:</p> <ul style="list-style-type: none"> <li>- Notify OEB by letter of all Z-Factor events within 6 months of event</li> <li>- Apply to OEB for any cost recovery of amounts in the OEB-approved deferral account claimed under Z-Factor treatment</li> <li>- Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental</li> <li>- 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</li> <li>- Provide the distributor's achieved regulatory ROE for the most recently completed fiscal year</li> </ul>	N/A
<b>3.2.8.2 Z-Factor Accounting Treatment</b>		
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
<b>3.2.8.3 Recovery of Z-Factor Costs</b>		
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
<b>3.2.9 Off-Ramps</b>		
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
<b>3.3.1 Advanced Capital Module</b>		
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
<b>3.3.2 Incremental Capital Module</b>		
<b>3.3.2.1 ICM Filing Requirements</b>		
	The following should be provided when filing for incremental capital:	N/A
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

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Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
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