



August 3, 2022

Ms. Nancy Marconi, Registrar
Ontario Energy Board
2300 Yonge Street, 27th floor
P.O. Box 2319
Toronto, ON M4P 1E4

Dear Ms. Marconi,

**Re: ENWIN Utilities Ltd.
2023 IRM Rate Application, EB-2022-0027**

Please find enclosed ENWIN Utilities Ltd.'s ("**ENWIN**") 2023 Rate Application ("**Application**") under the Price Cap IR pursuant to the Ontario Energy Board's ("**OEB**") 4th Generation Incentive Rate-Setting Mechanism.

The Application is being submitted electronically through the OEB's Regulatory Electronic Submission System and can be viewed on ENWIN's website at <https://enwin.com/regulatory-information/>.

ENWIN's Application is supported by written evidence, which includes:

- Manager's Summary;
- 2022 Tariff Sheet as provided in the 2022 Final Rate Order (EB-2021-0019 – Phase 2);
- 2023 IRM Rate Generator Model;
- 2023 GA Analysis Work Form (2021);
- 2023 LRAMVA Work Form;
- 2023 Proposed Tariff Sheet;
- 2023 Proposed Bill Impacts; and
- Certification of Evidence.

All correspondence related to this Application should be addressed to:

Ms. Claire Bebbington
Director, Regulatory Affairs
P.O. Box 1625, Station "A"
4545 Rhodes Drive
Windsor, ON N8W 5T1
(519) 251-7300 ext. 886
regulatory@enwin.com

Should you have any questions, please do not hesitate to contact the undersigned.

Yours very truly,

ENWIN Utilities Ltd.

A handwritten signature in black ink, appearing to read 'Claire Bebbington', written in a cursive style.

Claire Bebbington
Director, Regulatory Affairs



ENWIN UTILITIES LTD.

2023 IRM RATE APPLICATION

EB-2022-0027

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IN THE MATTER OF the *Ontario Energy Board Act, 1998*, S.O. 1998, c.15 (Schedule B) as amended (the “Act”);

AND IN THE MATTER OF an Application by ENWIN Utilities Ltd. for an Order or Orders pursuant to section 78 of the Act approving or fixing a proposed schedule of distribution rates, retail transmission rates and other charges, effective January 1, 2023.

Application

1. ENWIN Utilities Ltd. (the “Applicant” or “ENWIN”) hereby applies to the Ontario Energy Board (the “OEB” or “Board”) pursuant to section 78 of the *Ontario Energy Board Act, 1998* for approval of its proposed distribution rates, retail transmission rates and other charges effective from January 1, 2023, including the disposition of amounts accumulated in certain deferral and variance accounts.
2. This Application, pre-assigned Board file number EB-2022-0027, proposes the third year of annual adjustments to the Applicant’s rates and charges pursuant to the Board’s 4th Generation Incentive Rate-Setting Mechanism (“Price Cap IR”). The Board established the foundation for the proposed rates and charges in the Applicant’s 2020 Cost of Service Rate Proceeding (EB-2019-0032). The Board then approved two subsequent annual adjustments to those rates and charges in ENWIN’s 2021 IRM Rate Proceeding (EB-2020-0017) and 2022 IRM Rate Proceeding (EB-2021-0019).
3. The Applicant has followed the Board’s *Chapter 3 Filing Requirements for Electricity Distribution Rate Applications – 2022 Edition for 2023 Rate Applications* (the “Filing Requirements”), issued on May 24, 2022.
4. The specific approvals requested in the Application are:
 - a. Approval of the proposed Tariff of Rates and Charges set out in **Appendix ‘C’** of this

Application for rates and charges effective January 1, 2023;

- b. Approval of the proposed distribution rates calculated in accordance with the Board's Price Cap Incentive Rate-Setting methodology;
- c. Approval of the proposed adjustments to Retail Transmission Service Rates in accordance with the guidance set out in the Board's revision 4.0 of *G-2008-0001: Electricity Distribution Retail Transmission Service Rates*;
- d. The continuation of Specific Service Charges, Retail Services Charges and Other Charges as approved in EB-2021-0019, subject to required inflationary increases for certain charges as determined by the Board, or any subsequent requirements to update these charges after the filing of this Application;
- e. The continuation of Allowances and Loss Factors as approved in EB-2019-0032;
- f. Disposition of the December 31, 2021 balances in its Group 1 Deferral and Variance Accounts (including Account 1595(2019)) in the amount of \$3,457,915, which includes carrying charges calculated up to December 31, 2022, and the related class-specific rate riders effective for a 12-month period until December 31, 2023;
- g. A rate rider for Global Adjustment disposition applicable only for Non-RPP Class B customers effective for a 12-month period until December 31, 2023. In addition, the Applicant is seeking approval of 12 equal monthly payments for the contribution of nine customers who transitioned between Class A and Class B during the accumulation of the Account 1589 – RSVA Global Adjustment balance;
- h. On the grounds that the allocated Account 1580 - Sub-account Capacity Based Recovery ("CBR") Class B amount of (\$188,486) has not produced a rate rider for all rate classes, the Applicant is seeking approval to transfer the Class B CBR balance to Account 1580 – RSVA Wholesale Market Service Charge to be disposed of through the general-purpose Group 1 Deferral and Variance Account rate riders effective until December 31, 2023;
- i. The continuation of the rate riders pertaining to the disposition of Account 1575 as approved in EB-2019-0032;
- j. Disposition of the December 31, 2021 balance in its Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA") and the projected 2022 additions to the account, in the total amount of (\$14,768) and the related class specific rate riders effective for a 12-month

period until December 31, 2023; and

- k. Approval of the 2023 – 2027 LRAM-Eligible Amounts for Prospective Disposition, as summarized in Table 1 – c at Tab 1 of the 2023 LRAMVA Workform in **Appendix ‘F’**, along with the first annual mechanistic adjustment to these amounts for the 2023 rate year, and related rate riders effective for a 12-month period until December 31, 2023.
5. The Applicant has utilized the rate model posted on the Board’s website on June 16, 2022 (updated June 22, 2022). Board Staff has provided the Applicant with certain amendments to the standard Board model to facilitate a filing that is consistent with the Applicant’s Board-approved rate structure while utilizing the Board’s most recent model. The Applicant acknowledges that further adjustments and updates will be made post-submission by Board Staff in accordance with the Filing Requirements. The Applicant understands that it will be made aware of these adjustments and updates and have an opportunity to respond, if necessary, prior to a Board Decision and Order on this Application.
6. The Applicant requests that this Application be disposed of by way of a written hearing. In the event that the OEB is unable to provide a Decision and Order on this Application for implementation of rates effective January 1, 2023, the Applicant requests that the OEB issue an Interim Rate Order declaring the Applicant’s current Tariff of Rates and Charges as interim until the implementation date of the approved 2023 distribution rates. In the event that the effective date does not coincide with the Board’s decided implementation date for 2023 distribution rates and charges, ENWIN requests approval to recover any forgone revenue from the effective date to the implementation date.
7. This Application is supported by pre-filed written evidence, including:
 - Manager’s Summary;
 - 2022 Tariff Sheet as provided in the 2022 Final Rate Order (EB-2021-0019 – Phase 2);
 - 2023 IRM Rate Generator Model;
 - 2023 GA Analysis Workform (2021);
 - 2023 LRAMVA Workform;
 - 2023 Proposed Tariff Sheet;
 - 2023 Bill Impacts; and
 - Certification of Evidence.
8. The written evidence may be amended from time to time, prior to the Board’s final Decision

on this Application.

9. The persons affected by this Application are the ratepayers of the Applicant's electricity distribution business in the City of Windsor.¹ If required, the Applicant is proposing that notices related to this Application appear in The Windsor Star. The Windsor Star is a paid daily publication serving the Windsor community. In addition, the Application will be posted on the Applicant's website at <https://enwin.com/regulatory-information>.
10. The Applicant requests that copies of all documents filed with the Board by any party be served on the Applicant, as follows:

ENWIN Utilities Ltd.
4545 Rhodes Drive
P.O. Box 1625, Station A
Windsor, Ontario
N8W 5T1
Attention: Ms. Claire Bebbington
Director, Regulatory Affairs
Telephone: (519) 251-7300 ext 886
Fax: (519) 255-7423
Email: regulatory@enwin.com

DATED at Windsor, Ontario, this 3rd day of August, 2022.

ENWIN UTILITIES LTD.



Claire Bebbington
Director, Regulatory Affairs

¹ ENWIN's Distribution Service Area is described in Schedule 1 of its Electricity Distribution License (ED-2002-0527).

Manager's Summary

Overview

ENWIN Utilities Ltd. (the “Applicant” or “ENWIN”) filed a Cost of Service Application (EB-2019-0032) (“2020 Cost of Service Application”) with the Ontario Energy Board (“OEB” or “Board”) on April 26, 2019 pursuant to section 78 of the *Ontario Energy Board Act, 1998* (the “*OEB Act*”). Amongst other items, the 2020 Cost of Service Application sought approval of ENWIN’s proposed distribution rates and other charges, effective January 1, 2020. The Board issued its final Decision and Rate Order on the 2020 Cost of Service Application on December 5, 2019.

On August 17, 2020, ENWIN filed an application (EB-2020-0017) (“2021 IRM Rate Application”) for the first annual adjustment to the distribution rates established in the 2020 Cost of Service Application under the Board’s 4th Generation Incentive Rate-Setting Mechanism (“Price Cap IR”).² The Board issued its final Decision and Rate Order on the 2021 IRM Rate Application on December 10, 2020 for rates effective January 1, 2021.

On August 18, 2021, ENWIN filed an application (EB-2021-0019) (“2022 IRM Rate Application”) for the second annual adjustment to the distribution rates established in the 2020 Cost of Service Application under the Board’s 4th Generation Price Cap IR. The Board reviewed the 2022 IRM Rate Application in two phases, issuing its Decision and Rate Order on Phase 1 on December 9, 2021, and its Decision and Order on Phase 2 on February 24, 2022, for rates effective January 1, 2022.

This Application proposes the third annual adjustment to the distribution rates established in the 2020 Cost of Service Application. In particular, ENWIN is seeking approval for distribution rates effective January 1, 2023 under the Board’s 4th Generation Price Cap IR.

ENWIN has followed the OEB’s *Chapter 3 Filing Requirements for Electricity Distribution Rate*

² Report of the Board: Renewed Regulatory Framework for Electricity: A Performance-Based Approach, issued October 18, 2012.

Applications – 2022 Edition for 2023 Rate Applications (the “Filing Requirements”), issued on May 24, 2022. All rate adjustments sought have been determined using the 2023 IRM Rate Generator Model and the 2023 LRAMVA Workform, as issued by the Board, or pursuant to other Board directives, as applicable. Pursuant to Section 3.2.9 of the Filing Requirements, ENWIN hereby confirms that its 2021 achieved regulated Return on Equity was 9.38%, which makes it eligible to seek an adjustment to its base rates through the Price Cap IR.³

ENWIN’s internet address for purposes of viewing this Application is <https://enwin.com/regulatory-information>.

2023 IRM Rate Generator Model

ENWIN has included at **Appendix ‘A’** a copy of its 2022 Tariff of Rates and Charges from EB-2021-0019, which was issued in its final form on February 24, 2022. The rates and charges set out in that tariff form the starting point from which the proposed 2023 rates and charges have been calculated using the Board’s 2023 IRM Rate Generator Model.

ENWIN has completed the 2023 IRM Rate Generator Model and Board-directed calculations, a copy of which is set out at **Appendix ‘B’**. ENWIN has also confirmed the accuracy of the billing determinants and other information that was pre-populated in the 2023 IRM Rate Generator Model by Ontario Energy Board Staff (“Board Staff”).

Annual Adjustment Mechanism

The annual adjustment (“Price Cap adjustment”) follows an OEB-approved formula that includes components for inflation and the OEB’s expectations of efficiency and productivity gains. The components in the formula are approved by the OEB annually. The formula is a rate adjustment equal to the inflation factor minus the distributor’s X-factor. The X-factor is comprised of a productivity and stretch factor.

The preliminary Price Cap adjustment used in the 2023 IRM Rate Generator Model is 3.15%. This calculation is based on an inflationary price escalator of 3.3%, a productivity factor of 0.0% and a

³ As reported in the 2021 RRR 2.1.5.6.

stretch factor of 0.15%. The preliminary inflation factor is based on the Board's approved inflationary adjustment for rates effective in 2022, issued November 18, 2021. The productivity factor is pursuant to Section 3.2.1 of the Filing Requirements, where the OEB has determined that the appropriate value for the productivity factor (industry total factor productivity) for the Price Cap IR and Annual IR Index is zero. ENWIN's stretch factor has been populated based on ENWIN's assignment to Group 2 in the Board's 2021 Benchmarking Update for Determination of 2022 Stretch Factor Rankings, issued July 18, 2022.

ENWIN acknowledges that Board Staff will adjust the 2023 IRM Rate Generator Model for the final inflationary adjustment for rates effective in 2023 once the figure is available.

Revenue-to-Cost Ratio Adjustments

The Revenue-to-Cost Ratios approved by the Board in ENWIN's 2020 Cost of Service Application were within the Board's target ranges⁴; therefore, ENWIN is not applying for any adjustments to its Revenue-to-Cost Ratios in this Application.

Summary of Proposed 2023 Distribution Rates

Table 1 below provides a summary of ENWIN's 2022 approved distribution rates, and its proposed 2023 distribution rates, calculated using the 2023 IRM Rate Generator Model. ENWIN acknowledges the proposed 2023 distribution rates are subject to change based on the finalization of the Price Cap adjustment figures subsequent to the filing of this Application.

⁴ EB-2019-0032, ENWIN 2020 COS Rev_Reqt_Work_Form_DRO_20191121, Tab 11. Cost Allocation.

Table 1 – Summary of 2022 Board Approved and Proposed 2023 Distribution Rates

Rate Class	Volumetric Charge Determinant	Effective January 1, 2022 EB-2021-0019		Proposed January 1, 2023 EB-2022-0027	
		Monthly Service Charge	Volumetric Charge	Monthly Service Charge	Volumetric Charge
Residential	kWh	\$ 27.55	\$ -	\$ 28.42	\$ -
GS < 50 kW	kWh	\$ 28.64	\$ 0.0180	\$ 29.54	\$ 0.0186
GS 50 - 4999 kW	kW	\$ 113.28	\$ 5.0438	\$ 116.85	\$ 5.2027
Large Use - Regular	kW	\$ 9,522.19	\$ 2.8255	\$ 9,822.14	\$ 2.9145
Dedicated TS	kW	\$ 40,413.57	\$ 3.8463	\$ 41,686.60	\$ 3.9675
Unmetered	kWh	\$ 11.66	\$ -	\$ 12.03	\$ -
Sentinel	kW	\$ 13.06	\$ -	\$ 13.47	\$ -
Street Light	kW	\$ 5.53	\$ -	\$ 5.70	\$ -
MicroFIT	-	\$ 4.55	\$ -	\$ 4.55	\$ -

Electricity Distribution Retail Transmission Service Rates

On June 28, 2012, the Board issued revision 4.0 of *G-2008-0001: Electricity Distribution Retail Transmission Service Rates* (the “RTSR Guideline”). The RTSR Guideline instructs electricity distributors to adjust their Retail Transmission Service Rates (“RTSRs”) based on a comparison of historical transmission costs, adjusted for new Uniform Transmission Rates (“UTRs”) and revenues generated from existing RTSRs.

ENWIN has used the 2023 IRM Rate Generator Model, Tabs 10 to 15, to calculate its proposed 2023 RTSRs in accordance with the RTSR Guideline. The UTRs used in the 2023 IRM Rate Generator Model reflect the final UTRs approved by the Board in its EB-2022-0084 Decision and Rate Order, issued April 7, 2022, which are effective April 1, 2022. ENWIN acknowledges the UTRs in the 2023 IRM Rate Generator Model may be updated subsequent to the filing of this Application for the purposes of determining RTSRs effective January 1, 2023. The RTSRs as proposed have been calculated in accordance with ENWIN’s past practice and as most recently approved in its 2022 IRM Rate Application, to reflect that not all of ENWIN’s rate classes are

charged the Transformation Connection rate.

Table 2 below provides a summary of ENWIN’s 2022 approved RTSRs, and its proposed 2023 RTSRs, calculated using the 2023 IRM Rate Generator Model.

Table 2 – Summary of 2022 Board Approved and Proposed 2023 Retail Transmission Service Rates

Rate Class	Rate Description	Unit	Effective	Proposed
			January 1, 2022 EB-2021-0019	January 1, 2023 EB-2022-0027
RTSR-Network				
Residential	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0105	0.0114
GS < 50 kW	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0098	0.0107
GS 50 - 4999 kW	Retail Transmission Rate - Network Service Rate	\$/kW	3.2985	3.5864
Large Use - Regular	Retail Transmission Rate - Network Service Rate	\$/kW	4.5392	4.9354
Dedicated TS	Retail Transmission Rate - Network Service Rate	\$/kW	4.5392	4.9354
Unmetered	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0098	0.0107
Sentinel	Retail Transmission Rate - Network Service Rate	\$/kW	3.0180	3.2814
Street Light	Retail Transmission Rate - Network Service Rate	\$/kW	3.0144	3.2775
RTSR-Connection				
Residential	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	0.0063
GS < 50 kW	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	0.0059
GS 50 - 4999 kW	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9629	2.0296
Large Use - Regular	Retail Transmission Rate - Line Connection Service Rate	\$/kW	0.7833	0.8099
Large Use - Regular	Retail Transmission Rate - Transformation Connection Service Rate	\$/kW	1.9504	2.0167
Dedicated TS	Retail Transmission Rate - Line Connection Service Rate	\$/kW	0.7833	0.8099
Unmetered	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	0.0059
Sentinel	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7959	1.8569
Street Light	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7941	1.8551

Other Rates and Charges

ENWIN seeks continuation of the other rates and charges as set out in the list below for the 2023 rate year, subject to required inflationary increases for certain charges as determined by the OEB, in addition to any other update requirements pursuant to OEB direction subsequent to the filing of this Application:

- microFIT Service Charge;
- Smart Metering Entity Charge;
- Wholesale Market Service Charge;
- Capacity Based Recovery;

- Rural or Remote Electricity Rate Protection;
- Standard Supply Service Administrative Charge;
- Rate Riders for Disposition of Account 1575;
- Transformer Allowance for Ownership;
- Primary Metering Allowance for Transformer Losses;
- Specific Service Charges;
- Retail Service Charges;
- Loss Factors; and
- Gross Load Billing of Line and Transformation Connection Services.

Disposition of Group 1 Deferral and Variance Account Balances

ENWIN last disposed of its Group 1 deferral and variance account (“DVA”) balances (excluding Account 1595) (“Group 1 balances”) in its 2022 IRM Rate Application. This disposition reflected audited account balances as of December 31, 2020, and was approved by the Board on a final basis.

In this Application, ENWIN is seeking Board approval to dispose of its audited Group 1 balances as of December 31, 2021 (including projected interest up to December 31, 2022) on a final basis, including the balance in its Account 1595 sub-account for vintage year 2019. The balances in its Account 1595 sub-accounts for vintage years 2018, 2020 and 2021 are not yet eligible for disposition. ENWIN is proposing a 12-month period for the disposition of its Group 1 balances, consistent with Section 3.2.5 of the Filing Requirements, and confirms that no adjustments have been made to any deferral and variance accounts balances that have been previously approved by the OEB for disposition on a final basis.

The OEB’s *Electricity Distributors’ Deferral and Variance Account Review Initiative Report* (EB-2008-0046) (“EDDVAR Report”) provides that, during the IRM plan term, Group 1 accounts are to be reviewed and disposed of if the pre-set disposition threshold of \$0.001 per kWh is exceeded, whether in the form of a debit or credit.

As summarized in the 2023 IRM Rate Generator Model at **Appendix ‘B’**, Tab 4 - Billing Det. for Def-Var, the Group 1 deferral and variance account balances considered for disposition in this Application exceed the pre-set disposition threshold in total. ENWIN’s 2021 actual year-end total balance for Group 1 deferral and variance accounts being sought for disposition, including interest projected to December 31, 2022, is a debit of \$3,457,915 (including Account 1595(2019)). This amount results in a total debit claim of \$0.0017 per kWh, which exceeds the pre-set disposition threshold of \$0.001 per kWh. In addition, the total Group 1 balance excluding Account 1589 – RSVA Global Adjustment is a debit of \$5,173,909, which is a material balance to be recovered from customers, while the Account 1589 – RSVA Global Adjustment balance is a credit of (\$1,715,994), which is a material balance to be returned to Class B Non-RPP customers. As these balances are material and are to be refunded to different subsets of customers, ENWIN has proposed disposition of the audited December 31, 2021 Group 1 Account balances herein (including Account 1595(2019)), which are summarized in Table 3 below. Disposition in this Application will also help to limit the impacts of inter-generational inequity, by refunding or recovering amounts from customers who are more likely to be the customers who contributed to the establishment of the account balances.

Table 3 – Summary of Proposed Disposition of Group 1 Deferral and Variance Account Balances

Group 1 Accounts	Account Number	Total Principal	Total Interest	Total Claim
LV Variance Account	1550	\$0	\$0	\$0
Smart Metering Entity Charge Variance Account	1551	(\$51,057)	(\$839)	(\$51,896)
RSVA - Wholesale Market Service Charge	1580	\$1,647,671	\$29,303	\$1,676,975
Variance WMS – Sub-account CBR Class A	1580	\$0	\$0	\$0
Variance WMS – Sub-account CBR Class B	1580	(\$185,362)	(\$3,123)	(\$188,486)
RSVA - Retail Transmission Network Charge	1584	\$3,477,701	\$60,227	\$3,537,928
RSVA - Retail Transmission Connection Charge	1586	\$207,924	\$2,813	\$210,737
RSVA - Power	1588	(\$13,915)	(\$1,978)	(\$15,893)
RSVA - Global Adjustment	1589	(\$1,685,832)	(\$30,162)	(\$1,715,994)
Disposition and Recovery/Refund of Regulatory Balances (2019)	1595	\$0	\$4,543	\$4,543
Total Group 1 Balance		\$3,397,131	\$60,784	\$3,457,915

ENWIN notes that there are two differences on Tab 3 of the 2023 IRM Rate Generator Model at **Appendix ‘B’** between the 2021 Balance (Principal + Interest) and the RRR balance as at

December 31, 2021.

For Account 1580 – RSVA Wholesale Market Service Charge, a variance of (\$219,923) is shown. This amount matches the Account 1580 - Variance WMS - Sub-account CBR Class B, 2.1.7 RRR balance of (\$219,923). Pursuant to footnote 5 of Tab 3, the RRR balance for Account 1580 – RSVA Wholesale Market Service Charge should equal the control account as reported in the RRR, and would include the balance for Account 1580 - Variance WMS - Sub-Account CBR Class B. However, these balances are shown separately on the Continuity Schedule. Therefore, this variance is expected.

For Account 1568 – LRAM Variance Account, a variance of \$139,523 is shown. This amount is due to true-ups to ENWIN’s 2021 general ledger LRAMVA balance (as reported in the 2.1.7 RRR) to reconcile with the LRAMVA balance (as reported in the 2023 LRAMVA Workform) requested for disposition in this Application, including the forecast of 2022 additions to the account.

The general Group 1 DVA rate riders are calculated on Tab 7 of the 2023 IRM Rate Generator Model at **Appendix ‘B’**. A summary of the proposed general Group 1 DVA rate riders is provided in Table 4 below:

Table 4 – Summary of Proposed Group 1 DVA Rate Riders

Rate Class	Charge Determinant	Proposed January 1, 2023 EB-2022-0027	
		General Deferral / Variance Account Rate Rider	Deferral / Variance Account Rate Rider for Non-WMP (if applicable)
Residential	kWh	\$0.0025	
GS < 50 kW	kWh	\$0.0026	
GS 50 - 4999 kW	kW	\$0.7057	\$0.3025
Large Use - Regular	kW	\$0.7557	\$0.2496
Dedicated TS	kW	\$0.8472	\$0.3270
Unmetered	Per Connection	\$0.66	
Sentinel	Per Connection	\$0.32	
Street Light	Per Connection	\$0.06	

As is further detailed below, ENWIN notes that the rate riders for the Unmetered, Sentinel and Street Light rate classes have been determined on a “per connection” basis, consistent with ENWIN’s historical approach for these rate classes.

Pursuant to the Section 3.2.5.1 of the Filing Requirements, ENWIN has ensured that balances in Account 1580 – RSVA Wholesale Market Service Charge, Account 1580 - Variance WMS - Sub-Account CBR Class B, Account 1588 – RSVA Power, and Account 1589 – RSVA Global Adjustment have not been allocated to Wholesale Market Participants.

Commodity Accounts 1588 and 1589

On February 21, 2019, the OEB issued a letter providing accounting guidance related to Account 1588 - RSVA Power, and Account 1589 - RSVA Global Adjustment.⁵ This accounting guidance was effective January 1, 2019 and was to be implemented by August 31, 2019.

As noted in ENWIN’s 2020 Cost of Service proceeding (EB-2019-0032), ENWIN confirms it has implemented the OEB’s February 21, 2019 accounting guidance effective from January 1, 2019.

GA Analysis Workform

Section 3.2.5.3 of the Filing Requirements states that all distributors are required to complete and submit the GA Analysis Workform for each year that has not previously been approved by the OEB for disposition, irrespective of whether they are seeking disposition of the Account 1589 – RSVA Global Adjustment balance as part of their current application. The GA Analysis Workform helps the OEB to assess if the total annual variance that is recorded to Account 1589 – RSVA Global Adjustment is reasonable, as it compares the actual general ledger transactions recorded during the year to an expected balance that is calculated based on monthly GA volumes, revenues and costs.

ENWIN has completed the GA Analysis Workform pursuant to the Board’s instructions for 2023 rates, which is attached as **Appendix ‘E’**. All years prior to 2021 have been disposed of on a final

⁵ OEB Letter, Accounting Guidance related to Accounts 1588 RSVA Power and 1589 RSVA Global Adjustment, issued February 21, 2019.

basis, with the most recent disposition occurring in ENWIN's 2022 IRM Rate Application. ENWIN has completed the reconciliation to within the stated 1.0% threshold of the difference as a percentage of expected GA Payments to the Independent Electricity System Operator ("IESO"). ENWIN's Account 1588 – RSVA Power balance is also within the stated 1.0% threshold of the Account 4705 – Cost of Power Purchased for the year. Further details and explanations are provided in **Appendix 'E'**.

Global Adjustment – Class B Customers

Account 1589 - RSVA Global Adjustment captures the difference between the GA amounts billed (or estimated to be billed) by the distributor to Class B Non-RPP customers and the actual amount paid by the distributor to the IESO (or host distributor) for those customers in a given year. In this Application, ENWIN has proposed disposition of a credit balance in Account 1589 – RSVA Global Adjustment of (\$1,715,994), which reflects the audited balance of the account as at December 31, 2021 (adjusted for 2022 dispositions approved by the OEB), along with interest calculated up to December 31, 2022.

When clearing balances from Account 1589 – RSVA Global Adjustment, the Filing Requirements dictate that distributors must establish a separate rate rider to be included in the delivery component of the bill that would apply prospectively to Class B Non-RPP customers. The billing determinants and all the rate riders for the Global Adjustment disposition are to be calculated on an energy basis (kWh), regardless of the billing determinant used for distribution rates for the particular rate class. The 2023 IRM Rate Generator Model also allocates a portion of the Account 1589 - RSVA Global Adjustment balance to customers who transitioned between Class A and Class B based on customer-specific consumption levels. All transition customers are only responsible for the customer-specific amounts allocated to them and are not charged/refunded the general GA rate rider.

Of the total balance of (\$1,715,994), (\$81,869) is applicable to specific customers who transitioned between Class A and Class B during the period the balance in the account accumulated (transitioned on July 1, 2021). ENWIN had six General Service 50 to 4,999 kW customers move from Class B to Class A. In addition, ENWIN had two General Service 50 to 4,999 kW customers

and one Large Use – Regular customer move from Class A to Class B. As such, ENWIN has completed Tab 6 Class A Consumption Data, Tab 6.1a GA Allocation and Tab 6.1 GA of the 2023 IRM Rate Generator Model using a 12-month period for the disposition of the specific transitional GA rate riders. The total amounts allocated to these nine transitional customers are summarized in Table 5 below:

Table 5 – Summary of Customer Specific GA Allocation for the Period When They Were a Class B Customer

Transitional Customer	Customer Specific GA Allocation for the Period When They Were a Class B Customer	Monthly Equal Payments
Customer 1	(\$2,731)	(\$228)
Customer 2	(\$7,527)	(\$627)
Customer 3	(\$5,444)	(\$454)
Customer 4	(\$5,855)	(\$488)
Customer 5	(\$13,616)	(\$1,135)
Customer 6	(\$19,783)	(\$1,649)
Customer 7	(\$4,326)	(\$360)
Customer 8	(\$12,747)	(\$1,062)
Customer 9	(\$9,841)	(\$820)
Total	(\$81,869)	(\$6,822)

The general GA rate rider applicable to all other Class B Non-RPP customers is (\$0.0033) per kWh, as shown on Tab 6.1 of the 2023 IRM Rate Generator Model.

Capacity Based Recovery

In May 2015, the IESO introduced a new wholesale market service charge to recover costs associated with contracted demand response providers active in the wholesale energy market. The program was previously known as Capacity Based Demand Response and is now known as Capacity Based Recovery (“CBR”). ENWIN has followed the Board’s Accounting Guidance issued on July 25, 2016, titled *Accounting Guidance - Capacity Based Recovery* (“CBR Accounting Guidance”) for the calculation of the 2021 CBR balance and proposed disposition.

Class A

In accordance with the CBR Accounting Guidance, the Class A CBR charges are allocated fully to Class A customers' bills each month. Accordingly, there is no Class A CBR balance to dispose of in this Application.

Class B

In this Application, ENWIN is requesting to dispose of an Account 1580 - Variance WMS - Sub-Account CBR Class B credit balance of (\$188,486).

In accordance with Section 3.2.5.4 of the Filing Requirements, since the Account 1580 - Variance WMS - Sub-Account CBR Class B balance of (\$188,486) does not create a rate rider to the required decimal places for one or more rate classes, the entire amount has been transferred into the Account 1580 – RSVA Wholesale Market Service Charge control account to be disposed through the general purpose Group 1 DVA rate riders, which are summarized in Table 4 above. The general purpose Group 1 DVA rate riders are inclusive of Class A transitional customers, therefore no portion of the CBR Class B amount has been allotted to Class A transitional customers on Tab 6.2a CBR B_Allocation in the 2023 IRM Rate Generator Model.

Account 1595

Section 3.2.5.5 of the Filing Requirements states that applicants are expected to seek final disposition of the residual balances for vintage Account 1595 sub-accounts only once. 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 year the rate rider expires). During the two years after the expiry of the rate rider, distributors may still make billing corrections as per the Retail Settlement Code and record the related transactions in the associated Account 1595 sub-account.

ENWIN last disposed of its Account 1595 - Sub-account (vintage 2017) in its 2020 Cost of Service proceeding. Pursuant to the Filing Requirements, ENWIN is now eligible to dispose of the Account 1595 - Sub-account (vintage 2019), as these rate riders expired December 31, 2019, and the remaining residual balance as at December 31, 2021 has been audited. Therefore, the debit balance

of \$4,543 has been selected for disposition on Tab 3 of the 2023 IRM Rate Generator Model at **Appendix ‘B’**. The balance has been allocated to rate classes on Tab 4 of the 2023 IRM Rate Generator Model in proportion to the recovery share of the original balances when the 2019 rate riders were established in ENWIN’s 2019 IRM Rate Application (EB-2018-0029).

Vintages 2018, 2020 and 2021 of Account 1595 are not yet eligible for disposition. These rate riders expired, or will expire, as follows:

- The 2018 vintage rate riders expired April 30, 2019, other than the 2018 LRAMVA, which expired April 30, 2020.
- The 2020 vintage rate riders expired December 31, 2020, other than the rate rider for Account 1575, which will expire December 31, 2024.
- The 2021 vintage rate riders expired December 31, 2021.

ENWIN will propose to bring these balances forward for disposition in future rate applications once permitted by the Filing Requirements.

Lost Revenue Adjustment Mechanism Variance Account Disposition

Background

Conservation and Demand Management (“CDM”) programming was first approved by the Board in 2004, and it was administered by electricity distributors between 2005 and 2019.

On March 20, 2019, the Minister of Energy, Northern Development and Mines directed the IESO to immediately discontinue the 2015-2020 Conservation First Framework (“CFF”). The IESO subsequently notified LDCs that they would no longer be providing verified results reporting. Pursuant to the EB-2019-0167 Decision and Order, CDM requirements were then removed from distributors’ licenses.

On June 20, 2019, the OEB issued a letter to distributors stating that distributors should continue to have access to the Lost Revenue Adjustment Mechanism (“LRAM”) related to successful

delivery of CFF programs.⁶ Since this time, distributors have managed the wind down of the CFF programs and tracked the results in the LRAM Variance Account (“LRAMVA”).

On December 20, 2021, the 2021 CDM Guidelines were released. Among other items, the 2021 CDM Guidelines state that distributors are not eligible for LRAM for other IESO programs funded through the April 1, 2019 to December 31, 2020 Interim Framework⁷, or for CDM activities funded by the IESO through the 2021 – 2024 CDM Framework.⁸ The 2021 CDM Guidelines also require distributors filing an application for 2023 rates to seek disposition of all outstanding LRAMVA balances related to previously established LRAMVA thresholds (i.e., thresholds established in a distributor’s previous cost of service proceeding).⁹

In the most recent Filing Requirements, the Board also noted that distributors not rebasing for 2023 rates who have complete information on eligible savings (i.e., needing only to account for persistence of savings in future years) may seek a rate adjustment on a prospective basis to address amounts that would otherwise be recorded in the LRAMVA for all years until their next rebasing application.¹⁰

LRAMVA Methodology

The *Guideline for Electricity Distributor Conservation and Demand Management* (EB-2012-0003) requires that the LRAMVA capture, at a customer rate-class level, the difference between the following:

- The results of actual, verified impacts of authorized CDM activities undertaken by electricity distributors between 2011-2014 for both Board-Approved CDM program and OPA-Contracted Province-Wide CDM programs in relation to activities undertaken by the distributor and/or delivered for the distributor by a third party under contract (in the distributor’s franchise area); and

⁶ OEB Letter, Lost Revenue Adjustment Mechanism for 2020 Rate Applications, issued June 20, 2019.

⁷ Unless the program was delivered through the Local Program Fund.

⁸ 2021 CDM Guidelines, p. 27.

⁹ 2021 CDM Guidelines, p. 27.

¹⁰ 2023 Chapter 3 Filing Requirements, pp. 15-16.

- The level of CDM program activities included in the distributor's load forecast (i.e. the level embedded into rates).

The LRAM amount is determined by applying, by customer class, the distributor's Board-approved variable distribution charge applicable to that class to the volumetric variance (positive or negative) described above. The general approach to the LRAMVA determination has remained consistent through subsequent CDM frameworks administered by distributors, up to the cancellation of the CFF.

LRAMVA – Prior Disposition

In its 2021 IRM Rate Application (EB-2020-0017), ENWIN received Board approval to recover lost revenue in the amount of \$1,211,489. The balance consisted of lost revenues in 2019 from CDM programs delivered during the period from 2011 to 2019, including accumulated interest.

LRAMVA – Current Disposition

In this application, ENWIN is requesting approval of the actual and projected lost revenue that is attributable to the remainder of the CFF program implementation. This includes the impact of CFF CDM programs implemented in the year 2020, as well as the applicable persistence in the years 2020 to 2022 related to prior year CFF CDM programs, including any true-up impacts.¹¹ Carrying charges have also been calculated up to the end of December 31, 2022, using simple interest applied to the monthly opening principal balance using the prescribed interest rates issued by the Board. After this balance has been disposed of, ENWIN does not expect it will require continued use of the LRAMVA for distribution rate-funded or Local Initiatives Program CDM activities at this time.

¹¹ ENWIN did not have any incremental CFF projects implemented in 2021 and does expect any additional CFF projects to be implemented in 2022 or thereafter. The impacts of prior year persistence are captured starting with the 2018 implementation year to match the derivation of ENWIN's 2020 load forecast CDM adjustment and LRAMVA threshold. The impacts of implementation years 2017 and prior were implicitly embedded in ENWIN's approved 2020 load forecast and thus do not form part of the LRAMVA threshold or LRAMVA claim.

As outlined in Table 6, the balance of Account 1568 – LRAM Variance Account projected to December 31, 2022 is a credit of (\$14,768) and is being requested for disposition via rate riders over a 12-month period. This balance includes the actual LRAMVA balance up to December 31, 2021, as well as the forecast of the additions to the account up to the end of December 31, 2022, in accordance with the expectations outlined in the Filing Requirements.

Table 6 – LRAMVA Balance by Rate Class

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$0	\$0	\$0
GS<50 kW	kWh	-\$42,534	-\$722	-\$43,256
General Service 50 - 4,999 kW	kW	-\$538,683	-\$9,142	-\$547,825
General Service 3,000 - 4,999 kW	kW	\$5,966	\$101	\$6,067
Large Use - Regular	kW	\$659,922	\$11,201	\$671,123
Dedicated TS	kW	-\$113,744	-\$1,930	-\$115,674
Large Use - Ford Annex	kW	\$14,550	\$247	\$14,797
Other	kW	\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		-\$14,523	-\$245	-\$14,768

The rate riders applicable to each rate class are detailed in Table 7. ENWIN notes that rate riders are created for each rate class at the Board’s required fourth decimal place threshold. As of January 1, 2020, ENWIN’s General Service 3,000 – 4,999 kW rate class was consolidated with the General Service 50 – 4,999 kW rate class, and the Large Use – Ford Annex rate class was consolidated with the Dedicated Transformer Station rate class. While ENWIN has continued to track the LRAMVA impacts at the legacy rate class level, the LRAMVA amounts allocated to these legacy stand-alone rate classes have each been added into the consolidated rate classes for the purposes of designing the rate riders for disposition, as the classes are now combined. This is consistent with the approach that was approved by the Board in ENWIN’s last LRAMVA disposition in its 2021 IRM Rate Application (EB-2020-0017).

Table 7 – Proposed LRAMVA Rate Riders

Rate Class	Charge Determinant	LRAMVA Rate Rider
Residential	kWh	
GS < 50 kW	kWh	(\$0.0002)
GS 50 - 4999 kW	kW	(\$0.2491)
Large Use - Regular	kW	\$1.6031
Dedicated TS	kW	(\$0.2653)

LRAMVA – Calculation

As noted above, the LRAMVA calculation is intended to account for, at a customer rate class level, the difference between the actual or estimated impacts of CDM savings experienced compared to the level of savings (CDM Adjustments) included in the distributor’s approved load forecast.

In its 2020 Cost of Service Application (EB-2019-0032), ENWIN received Board approval of its load forecast for a single forward test year (2020). The approved load forecast included an adjustment for the estimated impact of 2018 to 2020 CFF CDM activities, which were then used to establish the “threshold” for purposes of the LRAMVA.

The LRAMVA threshold agreed to in the EB-2019-0032 settlement agreement, and ultimately approved by the Board, is provided in Table 8 below.¹²

¹² EB-2019-0032, Settlement Proposal, p. 26.

Table 8 – LRAMVA Thresholds

2020 LRAMVA Targets		
	LRAMVA Target kWh	LRAMVA Target kW
Residential	1,598,201	
GS <50	2,729,585	
GS 50 - 4999 KW	36,301,095	91,978
Large Use - Regular	58,751,954	104,518
Large Use - 3TS	6,400,348	12,089
Total	105,781,183	208,585

For purposes of determining the actual CDM results to compare against the LRAMVA threshold, ENWIN utilized the following:

- True-ups to savings from the 2018 and 2019 implementation years, as well as incremental savings from the 2020 implementation year, were calculated using project level details and Measurement & Verification (“M&V”) results, where available; and
- Net savings and persistence were calculated using the IESO’s most recent input assumptions provided in their 2017 Final Verified Results Report.

In ENWIN’s 2021 IRM Rate Application (EB-2020-0017), ENWIN provided evidence for the savings claimed up to and including the 2019 implementation year. In this Application, ENWIN used outputs from its LDC reports, and the IESO’s CDM-IS system to develop a detailed listing of all projects that were put into service during the 2020 program implementation year, complete with gross incremental savings. The impacts of true-ups to prior year savings in 2018 and 2019 were also included. The information in the IESO’s 2017 Final Verified Results Report was then used to determine the applicable net and persistent savings from these projects.

These project-level details are available in **Appendix ‘H’** (Rate Class Allocation LRAM - 2020) and **Appendix ‘I’** (Rate Class Allocation LRAM - 2021) and are also summarized in ENWIN’s 2018-2027 Persistence Report, filed at **Appendix ‘G’**. ENWIN has utilized the information in **Appendix ‘G’** to populate the 2023 LRAMVA Workform (**Appendix ‘F’**), to ensure alignment between ENWIN’s internal records and its rate application to the Board. ENWIN has ensured that

personal and/or commercially sensitive information has been removed from these LRAMVA support files.

Allocation to Rate Classes

When allocating savings from individual CDM programs to various rate classes, there are two situations that exist. The first involves CDM programs that are only available to customers who reside in a particular rate class; the second involves CDM programs where eligibility spans multiple rate classes.

In instances where CDM programs are only available to customers who reside in a particular rate class, ENWIN allocated all savings which resulted from said programs to the individual rate classes. Where CDM program eligibility spans multiple rate classes, ENWIN reviews each application to determine the rate class to which each individual project belongs. ENWIN verifies both the facility address and the account number provided in the project list against the data that resides in its Customer Information System to ensure accuracy in allocating savings. Once the data verification process is complete, a pivot table is created from the data in the project list that can be filtered by program and rate class. The savings (kW or kWh, based on rate class) are then allocated to each rate class based on the percentage of the total savings for the program. The rate class allocations are shown on the “Summary” tab of **Appendices ‘H’ and ‘I’**, and also on Tab 9 of the 2023 LRAMVA Workform at **Appendix ‘F’**.

Lost Revenue

Historically, ENWIN’s rate years did not coincide with the CDM program implementation year (calendar year). Therefore, when calculating the revenue lost resulting from CDM measures implemented for these years, an average volumetric distribution rate for each rate class must be calculated. Starting in 2020, ENWIN’s rate year was changed to January 1, which now coincides with the CDM program implementation year. Therefore, an average volumetric distribution rate calculation is no longer required starting with the 2020 implementation year.

ENWIN’s historic Board approved variable distribution rates by rate class are provided on Tab 3 of the 2023 LRAMVA Workform and are used for purposes of calculating the amounts recorded

in the LRAMVA. As per the *Guideline for Electricity Distributor Conservation and Demand Management* (EB-2012-0003), ENWIN did not include any volumetric rate riders or adders that are subject to their own independent true-up process.

Using the volumetric distribution rates, ENWIN determined the revenue lost by rate class by applying these rates against the result of comparing the persistent savings (which have been allocated by rate class) to the approved LRAMVA thresholds for each rate class. The results are summarized in Table 9 below.

Table 9 – LRAMVA by Rate Class

Description	Residential	GS<50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large Use - Regular	Dedicated TS	Large Use - Ford Annex	Other	Total	
	kWh	kWh	kW	kW	kW	kW	kW	kW		
2020 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$33,092.43	\$266,522.09	\$1,944.28	\$496,452.52	\$7,259.85	\$4,741.60	\$0.00	\$810,012.76
2020 Forecast		\$0.00	(\$46,948.86)	(\$442,009.48)	\$0.00	(\$281,372.91)	(\$44,302.56)	\$0.00	\$0.00	(\$814,633.80)
Amount Cleared										
2021 Actuals	<input type="checkbox"/>	\$0.00	\$33,637.14	\$271,501.89	\$1,981.22	\$505,848.03	\$7,370.72	\$4,831.65	\$0.00	\$825,170.66
2021 Forecast		\$0.00	(\$47,767.74)	(\$450,407.07)	\$0.00	(\$286,713.78)	(\$45,143.95)	\$0.00	\$0.00	(\$830,032.54)
Amount Cleared										
2022 Actuals	<input type="checkbox"/>	\$0.00	\$34,585.31	\$279,627.92	\$2,040.65	\$521,024.20	\$7,570.12	\$4,976.56	\$0.00	\$849,824.77
2022 Forecast		\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	(\$854,864.70)
Amount Cleared										
Cumulative Charges		\$0.00	(\$721.88)	(\$9,141.93)	\$101.26	\$11,200.70	(\$1,930.12)	\$246.95	\$0.00	(\$245.02)
Total LRAMVA Balance (2011-2022)		\$0.00	-\$43,256.13	-\$547,825.21	\$6,067.42	\$671,123.16	-\$115,673.86	\$14,796.75	\$0.00	-\$14,767.87

Prospective Disposition of Persisting CDM Amounts

In accordance with the 2021 CDM Guidelines, distributors not rebasing for 2023 rates who have complete information on eligible savings (i.e., needing only to account for persistence of savings in future years) may seek a rate adjustment on a prospective basis to address amounts that would otherwise be recorded in the LRAMVA for all years until their next rebasing application. The 2021 CDM Guidelines also note that if a distributor is of the view that the additional project savings from projects not yet in service will not be significant, it may seek final disposition of the LRAMVA balance for all years until the next rebasing, based only on the CDM savings from completed projects.

ENWIN believes it has complete information to make this prospective claim, as any potential future true-ups are not expected to be material.

Tables 5-i through 5-m of the 2023 LRAMVA Workform at **Appendix ‘F’** have been used to calculate the prospective LRAM-eligible amounts, which are also summarized in Table 1-c of

the 2023 LRAMVA Workform. While ENWIN is scheduled to file a Cost of Service rate application for rates to be effective January 1, 2025, ENWIN has not yet determined whether it will choose to request the flexibility granted under the OEB’s guidance to defer rebasing, and if so, for what time period the deferral would be requested (up to a maximum of 3 years).¹³ Therefore, for purposes of this Application, the prospective LRAM-Eligible amounts have been calculated out to the year 2027, which is the maximum amount of time ENWIN may defer rebasing (and thus be required to track and claim the prospective amounts), as rates would then be re-established on a Cost of Service basis effective January 1, 2028. If ENWIN chooses to rebase sooner, it would discontinue requesting approval of the annual mechanistic adjustments at an earlier date to coincide with its last IRM Rate Application prior to the Cost of Service.

Table 10 below outlines the 2023 to 2027 LRAM-Eligible amounts ENWIN is applying for final approval of (calculated at 2022 distribution rates).

Table 10 - LRAM-Eligible Amounts for Prospective Disposition

Description	Residential	GS-450 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large Use - Regular	Dedicated TS	Large Use - Ford Annex	Other	Total
2023 Actuals (in 2022 \$)	\$0.00	\$34,571.77	\$279,618.30	\$2,040.60	\$521,023.93	\$7,548.50	\$4,976.43	\$0.00	\$849,779.52
2023 Forecast (in 2022 \$)	\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	(\$854,864.70)
2023 TOTAL LRAM-Eligible*	\$0.00	(\$14,560.76)	(\$184,300.34)	\$2,040.60	\$225,708.32	(\$38,949.42)	\$4,976.43	\$0.00	(\$5,085.17)
Amount Cleared									
2024 Actuals (in 2022 \$)	\$0.00	\$33,281.89	\$275,269.37	\$1,941.63	\$520,519.25	\$7,430.15	\$4,735.07	\$0.00	\$843,177.36
2024 Forecast (in 2022 \$)	\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	(\$854,864.70)
2024 TOTAL LRAM-Eligible*	\$0.00	(\$15,850.64)	(\$188,649.27)	\$1,941.63	\$225,203.64	(\$39,067.77)	\$4,735.07	\$0.00	(\$11,687.34)
Amount Cleared									
2025 Actuals (in 2022 \$)	\$0.00	\$33,063.89	\$274,422.51	\$1,941.63	\$520,238.88	\$7,141.42	\$4,735.07	\$0.00	\$841,543.41
2025 Forecast (in 2022 \$)	\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	(\$854,864.70)
2025 TOTAL LRAM-Eligible*	\$0.00	(\$16,068.64)	(\$189,496.12)	\$1,941.63	\$224,923.28	(\$39,356.50)	\$4,735.07	\$0.00	(\$13,321.28)
Amount Cleared									
2026 Actuals (in 2022 \$)	\$0.00	\$32,681.89	\$273,380.16	\$1,922.06	\$520,139.12	\$6,904.71	\$4,687.35	\$0.00	\$839,715.30
2026 Forecast (in 2022 \$)	\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	(\$854,864.70)
2026 TOTAL LRAM-Eligible*	\$0.00	(\$16,450.64)	(\$190,538.47)	\$1,922.06	\$224,823.52	(\$39,593.21)	\$4,687.35	\$0.00	(\$15,149.40)
Amount Cleared									
2027 Actuals (in 2022 \$)	\$0.00	\$28,333.03	\$258,908.27	\$1,597.47	\$518,428.98	\$6,332.82	\$3,895.77	\$0.00	\$817,496.34
2027 Forecast (in 2022 \$)	\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	(\$854,864.70)
2027 TOTAL LRAM-Eligible*	\$0.00	(\$20,799.50)	(\$205,010.37)	\$1,597.47	\$223,113.37	(\$40,165.10)	\$3,895.77	\$0.00	(\$37,368.35)
Amount Cleared									
Total LRAM-Eligible Amount (in 2022 \$)	\$0	-\$83,730	-\$957,995	\$9,443	\$1,123,772	-\$197,132	\$23,030	\$0	-\$82,612

In accordance with the 2023 LRAMVA Workform Instructions, ENWIN has calculated the first annual mechanistic adjustment for the 2023 LRAM-Eligible amounts listed above. The mechanistic adjustment is calculated per the below formula:

$$(2023 \text{ LRAM-Eligible amount shown in Table 1-C}) * (2023 \text{ OEB-approved inflation minus X- factor})$$

¹³ OEB Letter, Applications for 2023 Electricity Distribution Rates, p.2, dated December 1, 2021.

ENWIN has used the 2021 OEB-approved inflation factor and updated 2022 stretch factor as a placeholder for purposes of calculating this adjustment. ENWIN understands this amount will be updated at a later stage of the proceeding once the final 2023 Price Cap adjustment figures are available.

The results of this calculation, and the derivation of the applicable rate riders, are shown in Table 11 below. These amounts have been input on Tab 18 – Additional Rates of the 2023 IRM Rate Generator Model for purposes of being included in ENWIN’s proposed 2023 Tariff of Rates and Charges.

Table 11 – Prospective LRAM-Eligible Amounts and Rate Riders (2023)

Rate Class	Charge Determinant	2023 LRAM-Eligible Amount (LRAMVA WF Table 1-c.) (a)	2023 OEB-Approved Inflation Minus X- factor (Placeholder) (b)	Billing Determinant (2023 IRM Rate Generator Model, Tab 4) (c)	2023 LRAM-Eligible Amount Rate Rider (d) = (a) * [1 + (b)] / (c)
Residential	kWh	\$0.0000	3.15%	662,851,882	
GS < 50 kW	kWh	(\$14,560.76)	3.15%	204,021,730	(\$0.0001)
GS 50 - 4999 kW	kW	(\$182,259.74)	3.15%	2,174,590	(\$0.0865)
Large Use - Regular	kW	\$225,708.32	3.15%	418,644	\$0.5561
Dedicated TS	kW	(\$33,972.99)	3.15%	380,280	(\$0.0922)
Total		(\$5,085.17)			

Tax Changes

Section 3.2.7 of the Filing Requirements prescribes a 50/50 sharing of the impacts of legislated tax changes that have occurred when compared against the distributors’ tax rates embedded in its OEB-approved base rates known at the time of the Application. The 2023 IRM Rate Generator Model will calculate an applicable rate rider using the appropriate customer class data underlying the OEB approved rates.

As noted on Tabs 8 and 9 of the 2023 IRM Rate Generator Model, ENWIN’s base rates established in its 2020 Cost of Service proceeding encompassed all known tax changes, including the impacts of Bill C-97. Therefore, a tax change rate rider is not being requested in this Application.

ENWIN has recorded the pre-2020 impacts of the Bill C-97 Capital Cost Allowance rule changes

in Account 1592 - PILs and Tax Variances – CCA Changes, which will be brought forward for review and disposition in a future proceeding.

Proposed 2023 Tariff of Rates and Charges

ENWIN has included at **Appendix ‘C’** a copy of its proposed 2023 Tariff of Rates and Charges from the 2023 IRM Rate Generator Model. With respect to the Unmetered, Sentinel and Street Light rate classes, the 2023 IRM Rate Generator Model’s Tariff Sheet contains “per connection” rates and charges for certain line items, consistent with ENWIN’s historical approach for these rate classes. Rates for these classes have been calculated on a per connection basis in the 2023 IRM Rate Generator Model for Monthly Service Charges and Group 1 Deferral and Variance Account rate riders.

Summary of Proposed 2023 Bill Impacts

The bill impacts of ENWIN’s proposed 2023 IRM Rate Application are summarized in Table 12 below. These bill impacts were calculated using the 2023 IRM Rate Generator Model and are based on the Board’s criteria as set out in the April 14, 2016 *Report of the Board – Defining Ontario’s Typical Residential Customer* (EB-2016-0153). ENWIN has included at **Appendix ‘D’** a copy of the January 1, 2023 Bill Impacts Summary from the 2023 IRM Rate Generator Model.

The primary driver of the estimated “Total Bill” impacts for most rate classes is the shift in the Group 1 Deferral and Variance Account rate riders from a credit (refund) in the 2022 rate year to a debit (recovery) proposed for the 2023 rate year. This is primarily driven by the difference between wholesale costs incurred and retail revenues collected for Wholesale Market Service Charges and Transmission Network Charges in 2021, which are a direct pass-through to customers. The bill impacts are also driven by the proposed increase in RTSRs, which are reflective of the higher UTRs approved in EB-2022-0084. No total bill impacts for any rate class exceed the Board-mandated 10% threshold – therefore, no mitigation plans are necessary.

Table 12 – Summary of Proposed 2023 Bill Impacts

Rate Class	RPP / Non-RPP	Sub-Total A (Excl. Pass Through)		Total Bill	
		\$	%	\$	%
Residential	RPP	\$0.87	3.4%	\$3.74	3.2%
GS < 50 kW	RPP	\$1.50	2.5%	\$9.38	3.1%
GS 50 - 4999 kW	Non-RPP (Other)	(\$31.77)	-3.5%	\$122.41	1.2%
Large Use - Regular	Non-RPP (Other)	\$16,037.35	85.3%	\$23,287.10	5.7%
Dedicated TS	Non-RPP (Other)	(\$1,231.75)	-1.9%	\$19,889.44	2.8%
Unmetered	RPP	\$8.51	3.4%	\$31.27	3.3%
Sentinel	RPP	\$0.82	3.2%	\$1.79	3.1%
Street Light	Non-RPP (Other)	\$2,096.78	3.1%	\$2,892.17	2.5%

Certification of Evidence

As part of the Filing Requirements, an application filed with the OEB must include a certification by a senior officer that the evidence filed, including the models and appendices, is accurate, consistent and complete to the best of their knowledge, as well as that distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of the account balances being disposed, consistent with the certification requirements in Chapter 1 of the Filing Requirements.

Chapter 1 of the Filing Requirements also requires that an application filed with the OEB must include a certification by a senior officer of the distributor stating that the application and any evidence filed in support of the application does not include any personal information (as that phrase is defined in the *Freedom of Information and Protection of Privacy Act*) unless it is filed in accordance with Rule 9A of the OEB’s Rules of Practice and Procedure (and the Practice Direction on Confidential Filings, as applicable).

The Certification of Evidence is attached as **Appendix ‘K’**.

Appendix A

2022 Tariff of Rates and Charges (EB-2021-0019)

ENWIN Utilities Ltd.
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-2021-0019

RESIDENTIAL SERVICE CLASSIFICATION

A customer qualifies for residential rate classification if their service is a 120/240 V single-phase supply to a single family dwelling, duplex, triplex, 4-plex or 6-plex, townhome or multi-unit - individually metered apartment, located on a parcel of land zoned by the City of Windsor Building Department for domestic or household purposes and where the customer uses the dwelling as a home. Where a customer operates an advertised business from a building that may or may not be used as a dwelling, EnWin Utilities Ltd. may elect to deem that the customer's rate class will be General Service. 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 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	\$	27.55
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$	(1.64)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0105
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

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

Issued - February 17, 2022
Re-issued - February 24, 2022

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
This schedule supersedes and replaces all previously
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EB-2021-0019

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

A non-residential customer qualifies for a rate classification of General Service Less Than 50 kW if within the last 12 months its monthly average peak demand load has not exceeded 50 kW or for a new customer is not expected to exceed 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale 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	\$	28.64
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0180
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0004)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kWh	(0.0027)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0098
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

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

Issued - February 17, 2022
Re-issued - February 24, 2022

ENWIN Utilities Ltd.
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EB-2021-0019

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

A non-residential customer qualifies for a rate classification of General Service 50 to 4,999 kW if within the last 12 months its monthly average peak demand load has equaled or exceeded 50 kW or for a new customer is expected to equal or exceed 50 kW but be less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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EB-2021-0019

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	113.28
Distribution Volumetric Rate	\$/kW	5.0438
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.0636)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.0781)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.0448)
Retail Transmission Rate - Network Service Rate	\$/kW	3.2985
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.9629

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

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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EB-2021-0019

LARGE USE - REGULAR SERVICE CLASSIFICATION

A customer is in the regular large use rate class when its monthly peak load, averaged over 12 consecutive months, is equal to or greater than 5,000 kW. The premises for this class of customer is predominantly used for large industrial or institutional purposes located on a parcel of land occupied by a single customer. 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 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.

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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EB-2021-0019

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	9,522.19
Distribution Volumetric Rate	\$/kW	2.8255
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.0687)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.0934)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.4986)
Retail Transmission Rate - Network Service Rate	\$/kW	4.5392
Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7833
Retail Transmission Rate - Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.9504

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

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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EB-2021-0019

DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION

This classification applies to a customer whose premises is serviced by a dedicated Transformer Station. 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 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.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	40,413.57
Distribution Volumetric Rate	\$/kW	3.8463
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.0787)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.1010)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.4215)
Retail Transmission Rate - Network Service Rate	\$/kW	4.5392
Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7833

Issued - February 17, 2022
Re-issued - February 24, 2022

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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EB-2021-0019

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

ENWIN Utilities Ltd.
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EB-2021-0019

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. 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 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)	\$	11.66
Rate Rider for Disposition of Account 1575 (2020) (per connection) - effective until December 31, 2024	\$	(0.69)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) (per connection) - effective until December 31, 2022	\$	(0.10)
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0098
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

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

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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EB-2021-0019

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for exterior parkway lighting with various parties, controlled by photo cells. 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 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)	\$	13.06
Rate Rider for Disposition of Account 1575 (2020) (per connection) - effective until December 31, 2024	\$	(0.32)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) (per connection) - effective until December 31, 2022	\$	(0.04)
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kW	3.0180
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7959

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

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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EB-2021-0019

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with the City of Windsor, controlled by photo cells. The consumption for these customers will be based on the calculated load times the required lighting times established in the approved Ontario Energy Board street lighting load shape profile. 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 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)	\$	5.53
Rate Rider for Disposition of Account 1575 (2020) (per connection) - effective until December 31, 2024	\$	(0.06)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) (per connection) - effective until December 31, 2022	\$	(0.01)
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kW	3.0144
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7941

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

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
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EB-2021-0019

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
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EB-2021-0019

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
Pulling post dated cheques	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Dispute test - residential	\$	50.00
Dispute test - commercial self contained -- MC	\$	105.00
Dispute test - commercial TT -- MC	\$	180.00
Cellular Meter Reading Charge	\$	7.50

Non-Payment of Account

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

Other

Service layout - residential	\$	110.00
Service layout - commercial	\$	150.00
Overtime locate	\$	60.00
Disposal of concrete poles	\$	95.00
Missed service appointment	\$	65.00
Service call - customer owned equipment	\$	30.00
Same day open trench	\$	170.00
Scheduled day open trench	\$	100.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	34.76

Issued - February 17, 2022
Re-issued - February 24, 2022

ENWIN Utilities Ltd.
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-2021-0019

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	\$	107.68
Monthly fixed charge, per retailer	\$	43.08
Monthly variable charge, per customer, per retailer	\$/cust.	1.07
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.64
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.64)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.54
Processing fee, per request, applied to the requesting party	\$	1.07
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)	\$	4.31

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	1.0311
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0207
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

ENWIN Utilities Ltd.
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-2021-0019

GROSS LOAD BILLING NOTE

The Billing Demand for Line and Transformation Connection Services is defined as the Non-Coincident Peak demand (MW) in any hour of the month. The customer demand in any hour is the sum of (a) the loss adjusted demand supplied from the distribution system plus (b) the demand that is supplied by embedded generation installed after October 30, 1998, which have installed capacity of 2MW or more for renewable generation and 1 MW or higher for non-renewable generation. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Bio-gas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for loss.

Appendix B

2023 IRM Rate Generator Model

Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

Quick Link
Ontario Energy Board's 2023 Electricity
Distribution Rate Applications Webpage

Version 1.0

Utility Name	ENWIN Utilities Ltd.
Assigned EB Number	EB-2022-0027
Name of Contact and Title	Claire Bebbington, Director, Regulatory Affairs
Phone Number	519-251-7300 ext. 886
Email Address	regulatory@erwin.com
We are applying for rates effective	January 1, 2023
Rate-Setting Method	Price Cap IR
	2020

1. Select the last Cost of Service rebasing year.

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 2020 balances that were reviewed in the 2022 rate application were to be selected, select 2020.

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.

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.

2020
2020

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

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

- a) If the account balances were last approved on a final basis, select the year of the year-end balances that the balance was last approved on a final basis.
- b) If the accounts were last approved on an interim basis, and
 - i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis.
 - ii) If there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.

2020
2020

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

2018

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: ENWIN Utilities Ltd. is:

Transmission Connected

8. Have you transitioned to fully fixed rates?

Yes

Legend

- Pale green cells represent input cells.
- Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.
- Red cells 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 2023 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.

		2018									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2018	Transactions Debit/ (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments ¹ during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments ¹ during 2018	Closing Interest Amounts as of Dec 31, 2018
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0					0
RSVA - Wholesale Market Service Charge ⁵	1580	0				0					0
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0					0
Variance WMS – Sub-account CBR Class B ⁵	1580	0				0					0
RSVA - Retail Transmission Network Charge	1584	0				0					0
RSVA - Retail Transmission Connection Charge	1586	0				0					0
RSVA - Power ⁴	1588	0				0					0
RSVA - Global Adjustment ⁴	1589	0				0					0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0			132,513	132,513				34,929	34,929
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595	0				0					0
Disposition and Recovery/Refund of Regulatory Balances (2020) ³	1595	0				0					0
Disposition and Recovery/Refund of Regulatory Balances (2021) ³	1595	0				0					0
Disposition and Recovery/Refund of Regulatory Balances (2022) ³	1595	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
RSVA - Global Adjustment requested for disposition	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		0	0	0	132,513	132,513	0	0	0	34,929	34,929
Total Group 1 Balance requested for disposition		0	0	0	132,513	132,513	0	0	0	34,929	34,929
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0			2,613,285	2,613,285	0			103,079	103,079
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		0	0	0	2,745,798	2,745,798	0	0	0	138,008	138,008

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

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

2 1) If the LDC's rate year begins on January 1, 2023, the projected interest is recorded from January 1, 2022 to December 31, 2022 on the December 31, 2021 balances adjusted to remove balances approved for disposition in the 2022 rate decision.
2) If the LDC's rate year begins on May 1, 2023, the projected interest is recorded from January 1, 2022 to April 30, 2023 on the December 31, 2021 balances adjusted to remove balances approved for disposition in the 2022 rate decision.

3 The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. Any vintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor.
Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Account 1595 (2020), (2021), (2022) will not be eligible for disposition in the 2023 rate application.

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

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

2019

Opening Principal Amounts as of Jan 1, 2019	Transactions Debit/ (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments ¹ during 2019	Closing Principal Balance as of Dec 31, 2019	Opening Interest Amounts as of Jan 1, 2019	Interest Jan 1 to Dec 31, 2019	OEB-Approved Disposition during 2019	Interest Adjustments ¹ during 2019	Closing Interest Amounts as of Dec 31, 2019
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
132,513	413,213			545,726	34,929	20,257	(8,436)	46,749	
0	641,493	703,878		(62,385)	0	(5,283)	(18,744)	(24,027)	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
0				0	0			0	
132,513	1,054,706	703,878	0	483,341	34,929	14,974	0	22,722	
132,513	1,054,706	703,878	0	483,341	34,929	14,974	0	22,722	
2,613,285	1,163,545		17,357	3,794,187	103,079	69,809	125	173,013	
2,745,798	2,218,251	703,878	17,357	4,277,528	138,008	84,783	0	195,735	

2020

Opening Principal Amounts as of Jan 1, 2020	Transactions Debit/ (Credit) during 2020	OEB-Approved Disposition during 2020	Principal Adjustments ¹ during 2020	Closing Principal Balance as of Dec 31, 2020	Opening Interest Amounts as of Jan 1, 2020	Interest Jan 1 to Dec 31, 2020	OEB-Approved Disposition during 2020	Interest Adjustments ¹ during 2020	Closing Interest Amounts as of Dec 31, 2020
0			0	0	0			0	0
0			(16,999)	(16,999)				(345)	(345)
0			(1,517,408)	(1,517,408)			27,866	27,866	27,866
0			0	0				0	0
0			(166,418)	(166,418)			(3,568)	(3,568)	(3,568)
0			(82,085)	(82,085)			(15,473)	(15,473)	(15,473)
0			(513,860)	(513,860)			(17,222)	(17,222)	(17,222)
0			225,580	225,580			(14,679)	(14,679)	(14,679)
0			34,284	34,284			40,008	40,008	40,008
545,726	(640,479)			(94,753)	46,749	2,113	(46)	48,816	48,816
(62,385)	62,385			0	(24,027)	(113)		29,478	5,337
0	1,730,404	1,797,581		(67,177)	0	(15,191)	433,810	2,538	(446,463)
0				0	0				0
0				0	0				0
0	0	0	34,284	34,284	0	0	0	40,008	40,008
483,341	1,152,310	1,797,581	(2,071,190)	(2,233,120)	22,722	(13,192)	433,810	8,547	(415,733)
483,341	1,152,310	1,797,581	(2,036,906)	(2,198,836)	22,722	(13,192)	433,810	48,556	(375,724)
3,794,187	7,773	2,610,859		1,191,101	173,013	33	161,123	16,271	28,194
4,277,528	1,160,083	4,408,440	(2,036,906)	(1,007,734)	195,735	(13,158)	594,933	64,826	(347,530)

2021

Opening Principal Amounts as of Jan 1, 2021	Transactions Debit/ (Credit) during 2021	OEB-Approved Disposition during 2021	Principal Adjustments ¹ during 2021	Closing Principal Balance as of Dec 31, 2021	Opening Interest Amounts as of Jan 1, 2021	Interest Jan 1 to Dec 31, 2021	OEB-Approved Disposition during 2021	Interest Adjustments ¹ during 2021	Closing Interest Amounts as of Dec 31, 2021
0				0	0				0
(16,999)	(51,057)	(10,877)		(57,178)	(345)	(110)	(281)		(174)
(1,517,408)	1,647,671	(517,441)		647,704	27,866	(1,070)	32,388		(5,593)
0				0	0				0
(166,418)	(185,362)	(133,035)		(218,746)	(3,568)	(538)	(2,929)		(1,177)
(82,085)	3,477,701	117,760		3,277,855	(15,473)	7,010	(12,553)		4,089
(513,860)	207,924	(289,425)		(16,511)	(17,222)	(1,580)	(14,561)		(4,240)
225,580	(13,915)	(502,400)		714,065	(14,679)	2,380	(4,064)		(8,235)
34,284	(1,685,832)	463,486		(2,115,034)	40,008	(7,363)	31,654		991
(94,753)	(67)	0		(94,819)	48,816	(540)		18	48,293
0				0	5,337			(794)	4,543
(67,177)	197,004	0		129,827	(446,463)	635		(36,740)	(482,569)
0	(299,841)	(311,398)		11,556	0	942	(57,815)	(1,227)	57,530
0				0	0				0
34,284	(1,685,832)	463,486	0	(2,115,034)	40,008	(7,363)	31,654	0	991
(2,233,120)	4,980,059	(1,646,815)	0	4,393,754	(415,733)	7,129	(59,815)	(38,744)	(387,533)
(2,198,836)	3,294,227	(1,183,328)	0	2,278,719	(375,724)	(234)	(28,161)	(38,744)	(386,542)
1,191,101	116,390	1,183,328	(138,685)	(14,523)	28,194	745	28,161	(837)	(59)
(1,007,734)	3,410,616	0	(138,685)	2,264,197	(347,530)	511	0	(39,581)	(386,601)

2022				Projected Interest on Dec-31-2021 Balances				2.1.7 RRR ⁵			
Principal Disposition during 2022 - instructed by OEB	Interest Disposition during 2022 - instructed by OEB	Closing Principal Balances as of Dec 31, 2020 Adjusted for Disposition during 2022	Closing Interest Balances as of Dec 31, 2020 Adjusted for Disposition during 2022	Projected Interest from Jan 1, 2022 to Dec 31, 2022 on Dec 31, 2021 balance adjusted for disposition during 2022 ²	Projected Interest from Jan 1, 2023 to Apr 30, 2023 on Dec 31, 2021 balance adjusted for disposition during 2022 ²	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2021	Variance RRR vs 2021 Balance (Principal + Interest)	
		0	0			0	0		0	0	
(6,121)	(99)	(51,057)	(75)	(765)		(839)	(51,896)		(57,352)	0	
(999,967)	(10,222)	1,647,671	4,629	24,674		29,303	1,676,975		422,188	(219,923)	
		0		0		0	0		0	0	
(33,384)	(830)	(185,362)	(347)	(2,776)		(3,123)	(188,486)		(219,923)	0	
(199,846)	(4,059)	3,477,701	8,149	52,079		60,227	3,537,928		3,281,945	0	
(224,435)	(3,940)	207,924	(301)	3,114		2,813	210,737		(20,752)	0	
727,980	(6,466)	(13,915)	(1,770)	(208)		(1,978)	(15,893)		705,829	0	
(429,202)	5,908	(1,685,832)	(4,917)	(25,245)		(30,162)	(1,715,994)		(2,114,043)	0	
		(94,819)	48,293	(1,420)		46,873	0	No	(46,526)	0	
		0	4,543	0		4,543	4,543	Yes	4,543	0	
		129,827	(482,569)	1,944		(480,625)	0	No	(352,742)	0	
		11,556	57,530	173		57,703	0	No	69,086	0	
		0	0			0	0	No		0	
(429,202)	5,908	(1,685,832)	(4,917)	(25,245)	0	(30,162)	(1,715,994)		(2,114,043)	0	
(735,773)	(25,616)	5,129,527	(361,917)	76,815	0	(285,103)	5,173,909		4,006,221	0	
(1,164,975)	(19,708)	3,443,695	(366,834)	51,569	0	(315,264)	3,457,915		1,892,178	0	
		(14,523)	(59)	(186)		(245)	(14,768)		124,941	139,523	Please provide an explanation of the variance in the Manager's Summar
(1,164,975)	(19,708)	3,429,172	(366,893)	51,383	0	(315,509)	3,443,147		2,017,119	139,523	

Incentive Rate-setting Mechanism Rate Generator for 2023 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 (2019) ¹	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	662,851,882	0	10,519,422	0	0	0	662,851,882	0	63%	0	81,342
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	204,021,730	0	27,769,605	0	0	0	204,021,730	0	17%	-43,256	8,148
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	853,340,602	2,174,590	695,081,552	1,787,601	10,244,929	19,481	843,095,673	2,155,109	-4%	-541,758	
LARGE USE - REGULAR SERVICE CLASSIFICATION	kW	175,601,913	418,644	79,402,950	245,920	96,198,960	172,724	79,402,953	245,920	11%	671,123	
DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION	kW	178,795,592	380,280	105,674,753	249,863	73,120,840	130,417	105,674,752	249,863	13%	-100,877	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,309,847	0	2,171,557	0	0	0	2,309,847	0	0%		
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	716,063	1,993	54,235	152	0	0	716,063	1,993	0%		
STREET LIGHTING SERVICE CLASSIFICATION	kW	6,599,379	19,023	6,580,996	18,970	0	0	6,599,379	19,023	0%		
Total		2,084,237,008	2,994,530	927,255,070	2,302,506	179,564,729	322,622	1,904,672,279	2,671,908	100%	-14,768	89,490

Threshold Test

Total Claim (including Account 1568)	\$3,443,147
Total Claim for Threshold Test (All Group 1 Accounts)	\$3,457,915
Threshold Test (Total claim per kWh) ²	\$0.0017

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

YES

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

² The Threshold Test does not include the amount in 1568.

³ The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.



Incentive Rate-setting Mechanism Rate Generator for 2023 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_(2019)	1568
RESIDENTIAL SERVICE CLASSIFICATION	31.8%	90.9%	34.8%	0	(47,171)	518,014	1,125,171	67,021	(5,531)	2,858	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	9.8%	9.1%	10.7%	0	(4,725)	159,442	346,321	20,629	(1,702)	783	(43,256)
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	40.9%	0.0%	44.3%	0	0	658,874	1,448,519	86,281	(7,035)	(177)	(541,758)
LARGE USE - REGULAR SERVICE CLASSIFICATION	8.4%	0.0%	4.2%	0	0	62,053	298,079	17,755	(663)	516	671,123
DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION	8.6%	0.0%	5.5%	0	0	82,584	303,500	18,078	(882)	585	(100,877)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	0	0	1,805	3,921	234	(19)	(5)	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	560	1,215	72	(6)	4	0
STREET LIGHTING SERVICE CLASSIFICATION	0.3%	0.0%	0.3%	0	0	5,157	11,202	667	(55)	(20)	0
Total	100.0%	100.0%	100.0%	0	(51,896)	1,488,489	3,537,928	210,737	(15,893)	4,543	(14,768)

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



Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

1a The year Account 1589 GA was last disposed

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

2a Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed per #1a above to the current year requested for disposition)? (If you received approval to dispose of the GA account balance as at December 31, 2018, the period the GA variance accumulated would be 2019 to 2021.)

2b Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed per #1b above to the current year requested for disposition)? (If you received approval to dispose of the CBR Class B account balance as at December 31, 2018, the period the CBR Class B variance accumulated would be 2019 to 2021.)

3a Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2021	
			July to December	January to June
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	951,633	818,279
		kW	2,693	3,544
		Class A/B	A	B
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,435,293	2,255,596
		kW	9,217	7,536
		Class A/B	A	B
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,838,756	1,631,291
		kW	3,295	2,956
		Class A/B	A	B
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,125,020	1,754,567
		kW	2,062	3,159
		Class A/B	A	B
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	4,777,733	4,079,948
		kW	9,077	7,897
		Class A/B	A	B
Customer 6	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	6,527,773	5,928,015
		kW	13,432	11,629
		Class A/B	A	B
Customer 7	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,296,209	849,058
		kW	4,967	3,763
		Class A/B	B	A
Customer 8	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,819,681	3,262,133
		kW	6,398	5,667
		Class A/B	B	A
Customer 9	LARGE USE - REGULAR SERVICE CLASSIFICATION	kWh	2,948,790	3,663,156
		kW	33,506	40,196
		Class A/B	B	A

3b Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).

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 2020, exclude this customer's consumption for 2020 but include this customer's consumption in 2021 as they were a Class A customer for the full year).

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

Rate Class	Rate Class		2021	
			kWh	kW
Rate Class 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	231,803,456	567,010
Rate Class 2	LARGE USE - REGULAR SERVICE CLASSIFICATION	kWh	49,144,439	112,923
Rate Class 3	DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION	kWh	105,674,753	249,863
		kW		

Incentive Rate-setting Mechanism Rate Generator for 2023 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

2020

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

		Total	2021
Non-RPP Consumption Less WMP Consumption	A	927,255,070	927,255,070
Less Class A Consumption for Partial Year Class A Customers	B	26,430,555	26,430,555
Less Consumption for Full Year Class A Customers	C	386,622,648	386,622,648
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	514,201,867	514,201,867
All Class B Consumption for Transition Customers	E	24,532,376	24,532,376
Transition Customers' Portion of Total Consumption	F = E/D	4.77%	

Allocation of Total GA Balance \$

Total GA Balance	G	-\$ 1,715,994
Transition Customers Portion of GA Balance	H=F*G	-\$ 81,869
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$ 1,634,124

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	9					
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 2021	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments	
Customer 1	818,279	818,279	3.34%	-\$ 2,731	-\$ 228	
Customer 2	2,255,596	2,255,596	9.19%	-\$ 7,527	-\$ 627	
Customer 3	1,631,291	1,631,291	6.65%	-\$ 5,444	-\$ 454	
Customer 4	1,754,567	1,754,567	7.15%	-\$ 5,855	-\$ 488	
Customer 5	4,079,948	4,079,948	16.63%	-\$ 13,616	-\$ 1,135	
Customer 6	5,928,015	5,928,015	24.16%	-\$ 19,783	-\$ 1,649	
Customer 7	1,296,209	1,296,209	5.28%	-\$ 4,326	-\$ 360	
Customer 8	3,819,681	3,819,681	15.57%	-\$ 12,747	-\$ 1,062	
Customer 9	2,948,790	2,948,790	12.02%	-\$ 9,841	-\$ 820	
Total	24,532,376	24,532,376	100.00%	-\$ 81,869		

Incentive Rate-setting Mechanism Rate Generator for 2023 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)

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

Rate Rider Recovery to be used below

	Total Metered Non-RPP 2021 Consumption excluding WMP	Total Metered 2021 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2021 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered 2021 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	10,519,422	0	0	10,519,422	2.1%	(\$35,105)	(\$0.0033)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	27,769,605	0	0	27,769,605	5.7%	(\$92,673)	(\$0.0033)	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	695,081,552	231,803,456	44,350,986	418,927,110	85.6%	(\$1,398,043)	(\$0.0033)	kWh
LARGE USE - REGULAR SERVICE CLASSIFICATION	79,402,950	49,144,439	6,611,946	23,646,565	4.8%	(\$78,913)	(\$0.0033)	kWh
DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION	105,674,753	105,674,753	0	0	0.0%	\$0	\$0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	2,171,557	0	0	2,171,557	0.4%	(\$7,247)	(\$0.0033)	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	54,235	0	0	54,235	0.0%	(\$181)	(\$0.0033)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	6,580,996	0	0	6,580,996	1.3%	(\$21,962)	(\$0.0033)	kWh
Total	927,255,070	386,622,648	50,962,932	489,669,490	100.0%	(\$1,634,124)		

Incentive Rate-setting Mechanism Rate Generator for 2023 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 2020

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

		Total	2021
Total Consumption Less WMP Consumption	A	1,904,672,279	1,904,672,279
Less Class A Consumption for Partial Year Class A Customers	B	26,430,555	26,430,555
Less Consumption for Full Year Class A Customers	C	386,622,648	386,622,648
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	1,491,619,076	1,491,619,076
All Class B Consumption for Transition Customers	E	24,532,376	24,532,376
Transition Customers' Portion of Total Consumption	F = E/D	1.64%	

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$	188,486
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	3,100
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	185,386

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	9							
Customer	Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2021	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Monthly Equal Payments	Revised Monthly Payment		
Customer 1	818,279	818,279	3.34%	-\$	103	9	\$	-
Customer 2	2,255,596	2,255,596	9.19%	-\$	285	24	\$	-
Customer 3	1,631,291	1,631,291	6.65%	-\$	206	17	\$	-
Customer 4	1,754,567	1,754,567	7.15%	-\$	222	18	\$	-
Customer 5	4,079,948	4,079,948	16.63%	-\$	516	43	\$	-
Customer 6	5,928,015	5,928,015	24.16%	-\$	749	62	\$	-
Customer 7	1,296,209	1,296,209	5.28%	-\$	164	14	\$	-
Customer 8	3,819,681	3,819,681	15.57%	-\$	483	40	\$	-
Customer 9	2,948,790	2,948,790	12.02%	-\$	373	31	\$	-
Total	24,532,376	24,532,376	100.00%	-\$	3,100	258	\$	-

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

Incentive Rate-setting Mechanism Rate Generator for 2023 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 2020

	Total Metered 2021 Consumption Minus WMP		Total Metered 2021 Consumption for Full Year Class A Customers		Total Metered 2021 Consumption for Transition Customers		Metered 2021 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	662,851,882	0	0	0	0	662,851,882	0	45.2%	(\$83,760)	\$0.0000	kWh	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	204,021,730	0	0	0	0	204,021,730	0	13.9%	(\$25,781)	\$0.0000	kWh	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	843,095,673	2,155,109	231,803,456	567,010	44,350,986	97,292	566,941,231	1,490,807	38.6%	(\$71,640)	\$0.0000	kW
LARGE USE - REGULAR SERVICE CLASSIFICATION	kW	79,402,953	245,920	49,144,439	112,923	6,611,946	73,701	23,646,588	59,296	1.6%	(\$2,988)	\$0.0000	kW
DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION	kW	105,674,752	249,863	105,674,753	249,863	0	0	(1)	(0)	0.0%	\$0	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	\$	2,309,847	0	0	0	0	2,309,847	0	0.2%	(\$292)	\$0.0000	\$	
SENTINEL LIGHTING SERVICE CLASSIFICATION	\$	716,063	1,993	0	0	0	716,063	1,993	0.0%	(\$90)	\$0.0000	\$	
STREET LIGHTING SERVICE CLASSIFICATION	\$	6,599,379	19,023	0	0	0	6,599,379	19,023	0.4%	(\$834)	\$0.0000	\$	
Total		1,904,672,279	2,671,908	386,622,648	929,796	50,962,932	170,993	1,467,086,699	1,571,118	100.0%	(\$185,385)	\$0.0000	

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

Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

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

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

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non-WMP Classes Only (if Applicable) ²	Deferral/Variance Account Rate Rider ²	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) ²	Account 1568 Rate Rider	Revenue Reconciliation ¹
RESIDENTIAL SERVICE CLASSIFICATION	kWh	662,851,882	0	662,851,882	0	1,660,362		0.0025	0.0000	0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	204,021,730	0	204,021,730	0	520,747		0.0026	0.0000	(0.0002)	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	853,340,602	2,174,590	843,095,673	2,155,109	1,534,624	651,839	0.7057	0.3025	(0.2491)	
LARGE USE - REGULAR SERVICE CLASSIFICATION	kW	175,601,913	418,644	79,402,953	245,920	316,350	61,390	0.7557	0.2496	1.6031	
DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION	kW	178,795,592	380,280	105,674,752	249,863	322,163	81,702	0.8472	0.3270	(0.2653)	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	\$	2,309,847	0	2,309,847	0	5,935		0.66	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	\$	716,063	1,993	716,063	1,993	1,845		0.32	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	\$	6,599,379	19,023	6,599,379	19,023	16,952		0.06	0.0000	0.0000	
											6,682,022.32

At EnWin 's request OEB Staff has modified sheet 7 to have the Rate Rider for Deferral/Variance Account disposition (2023) be by per connection for USL, sentinel and streetlighting.

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

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

Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2020	2023
OEB-Approved Rate Base	\$ 245,750,190	\$ 245,750,190
OEB-Approved Regulatory Taxable Income	\$ 3,662,487	\$ 3,662,487
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) ^{1,2}		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.2%
Ontario Small Business Rate (calculated effective rate) ^{1,2}		11.5%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 549,373
Provincial Taxes Payable		\$ 421,186
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	26.5%	26.5%
Total Income Taxes Payable	\$ 970,559	\$ 970,559
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$ -
Income Tax Provision	\$ 970,559	\$ 970,559
Grossed-up Income Taxes	\$ 1,320,489	\$ 1,320,489
Incremental Grossed-up Tax Amount		\$ -
Sharing of Tax Amount (50%)		\$ -

Notes

1. The appropriate Federal and Ontario small business rates are calculated in the Income/PILs Workform. The Federal and Ontario small business deduction:
 - a. is applicable if taxable capital is below \$10 million.
 - b. is phased out with taxable capital of more than \$10 million.
 - c. is completely eliminated when the taxable capital is \$15 million or more. Effective for the 2022 taxation year, the Federal small business deduction is revised to be completely eliminated when the taxable capital is \$50 million or more.

2. The OEB's proxy for taxable capital is rate base.

Incentive Rate-setting Mechanism Rate Generator for 2023 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 4,999 kW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
LARGE USE - REGULAR SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
DEDICATED TRANSFORMER STATION 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%
Total		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 filina)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	662,851,882		0	0.00
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	204,021,730		0	0
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	853,340,602	2,174,590	0	0
LARGE USE - REGULAR SERVICE CLASSIFICATION	kW	175,601,913	418,644	0	0
DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION	kW	178,795,592	380,280	0	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,309,847		0	#DIV/0!

ENWIN unique case - amounts for this class were divided by number of customers/connections

Incentive Rate-setting Mechanism Rate Generator for 2023 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	0.0105	662,851,882	0	1.0311	683,466,576
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	662,851,882	0	1.0311	683,466,576
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0098	204,021,730	0	1.0311	210,366,806
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	204,021,730	0	1.0311	210,366,806
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2985	853,340,602	2,174,590		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load B	\$/kW	1.9629	853,340,602	2,174,590		
Large Use - Regular Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.5392	175,601,913	418,644		
Large Use - Regular Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7833	175,601,913	418,644		
Large Use - Regular Service Classification	Retail Transmission Rate - Transformation Connection Service Rate (see Gross Load Billing Not	\$/kW	1.9504	175,601,913	418,644		
Dedicated Transformer Station Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.5392	178,795,592	380,280		
Dedicated Transformer Station Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7833	178,795,592	380,280		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0098	2,309,847	0	1.0311	2,381,683
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	2,309,847	0	1.0311	2,381,683
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.0180	716,063	1,993		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7959	716,063	1,993		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.0144	6,599,379	19,023		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7941	6,599,379	19,023		

Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

Uniform Transmission Rates		Unit	2021 Jan to Jun		2021 Jul to Dec		2022 Jan to Mar		2022 Apr to Dec		2023
Rate Description			Rate		Rate		Rate		Rate		Rate
Network Service Rate		kW	\$ 4.67	\$ 4.90	\$ 5.13	\$ 5.46	\$ 5.13	\$ 5.46	\$ 5.13	\$ 5.46	\$ 5.46
Line Connection Service Rate		kW	\$ 0.77	\$ 0.81	\$ 0.88	\$ 0.88	\$ 0.88	\$ 0.88	\$ 0.88	\$ 0.88	\$ 0.88
Transformation Connection Service Rate		kW	\$ 2.53	\$ 2.65	\$ 2.81	\$ 2.81	\$ 2.81	\$ 2.81	\$ 2.81	\$ 2.81	\$ 2.81

Hydro One Sub-Transmission Rates		Unit	2021		2022		2023
Rate Description			Rate		Rate		Rate
Network Service Rate		kW	\$ 3.3980	\$ 3.3980	\$ 4.3473	\$ 4.3473	\$ 4.3473
Line Connection Service Rate		kW	\$ 0.8128	\$ 0.8128	\$ 0.6788	\$ 0.6788	\$ 0.6788
Transformation Connection Service Rate		kW	\$ 2.0458	\$ 2.0458	\$ 2.3670	\$ 2.3670	\$ 2.3670
Both Line and Transformation Connection Service Rate		kW	\$ 2.8586	\$ 2.8586	\$ 3.0055	\$ 3.0055	\$ 3.0055

If needed, add extra host here. (I)		Unit	2021		2022		2023
Rate Description			Rate		Rate		Rate
Network Service Rate		kW					
Line Connection Service Rate		kW					
Transformation Connection Service Rate		kW					
Both Line and Transformation Connection Service Rate		kW	\$ -	\$ -	\$ -	\$ -	\$ -

If needed, add extra host here. (II)		Unit	2021		2022		2023
Rate Description			Rate		Rate		Rate
Network Service Rate		kW					
Line Connection Service Rate		kW					
Transformation Connection Service Rate		kW					
Both Line and Transformation Connection Service Rate		kW	\$ -	\$ -	\$ -	\$ -	\$ -

Low Voltage Switchgear Credit (if applicable, enter as a negative value)		Unit	Historical 2021	Current 2022	Forecast 2023
		\$			

Incentive Rate-setting Mechanism Rate Generator for 2023 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	0.0105	683,466,576	0	7,176,399	35.7%	7,700,191	0.0113
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0098	210,366,806	0	2,061,595	10.2%	2,212,067	0.0105
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2985		2,174,590	7,172,885	35.6%	7,696,420	3.5393
Large Use - Regular Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.5392		418,644	1,900,309	9.4%	2,039,009	4.8705
Dedicated Transformer Station Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.5392		380,280	1,726,167	8.6%	1,852,157	4.8705
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0098	2,381,683	0	23,341	0.1%	25,044	0.0105
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	3.0190		1,993	6,015	0.0%	6,454	3.2383
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.0144		19,023	57,343	0.3%	61,528	3.2344

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	0.0061	683,466,576	0	4,169,146	37.5%	4,310,874	0.0063
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	210,366,806	0	1,199,091	10.8%	1,239,853	0.0059
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kWh	1.9629		2,174,590	4,268,503	38.4%	4,413,608	2.0296
Large Use - Regular Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7833		418,644	327,924	2.9%	339,071	0.8099
Large Use - Regular Service Classification	Retail Transmission Rate - Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.9504		418,644	816,523	7.3%	844,281	2.0167
Dedicated Transformer Station Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7833		380,280	297,873	2.7%	307,999	0.8099
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	2,381,683	0	13,576	0.1%	14,037	0.0059
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7959		1,993	3,579	0.0%	3,701	1.8570
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7941		19,023	34,129	0.3%	35,289	1.8551

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	0.0113	683,466,576	0	7,700,191	35.7%	7,802,841	0.0114
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0105	210,366,806	0	2,212,067	10.2%	2,241,555	0.0107
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.5393		2,174,590	7,696,420	35.6%	7,799,020	3.5864
Large Use - Regular Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.8705		418,644	2,039,009	9.4%	2,086,190	4.9354
Dedicated Transformer Station Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.8705		380,280	1,852,157	8.6%	1,876,847	4.9354
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0105	2,381,683	0	25,044	0.1%	25,378	0.0107
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2383		1,993	6,454	0.0%	6,540	3.2814
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2344		19,023	61,528	0.3%	62,349	3.2775

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	0.0063	683,466,576	0	4,310,874	37.5%	4,310,874	0.0063
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	210,366,806	0	1,239,853	10.8%	1,239,853	0.0059
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	2.0296		2,174,590	4,413,608	38.4%	4,413,608	2.0296
Large Use - Regular Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.8099		418,644	339,071	2.9%	339,071	0.8099
Large Use - Regular Service Classification	Retail Transmission Rate - Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	2.0167		418,644	844,281	7.3%	844,281	2.0167
Dedicated Transformer Station Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.8099		380,280	307,999	2.7%	307,999	0.8099
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	2,381,683	0	14,037	0.1%	14,037	0.0059
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8570		1,993	3,701	0.0%	3,701	1.8569
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8551		19,023	35,289	0.3%	35,289	1.8551

Incentive Rate-setting Mechanism Rate Generator for 2023 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 2022 value and will be updated by OEB staff at a later date.

Price Escalator	3.30%	Productivity Factor	0.00%
Choose Stretch Factor Group	II	Price Cap Index	3.15%
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	27.55				3.15%	28.42	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	28.64		0.018		3.15%	29.54	0.0186
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	113.28		5.0438		3.15%	116.85	5.2027
LARGE USE - REGULAR SERVICE CLASSIFICATION	9522.19		2.8255		3.15%	9,822.14	2.9145
DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION	40413.57		3.8463		3.15%	41,686.60	3.9675
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	11.66				3.15%	12.03	0.0000
SENTINEL LIGHTING SERVICE CLASSIFICATION	13.06				3.15%	13.47	0.0000
STREET LIGHTING SERVICE CLASSIFICATION	5.53				3.15%	5.70	0.0000
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 2023 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, 2022	January 1, 2023
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, 2022
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)	\$	0.43
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Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):	\$	36.86
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Miscellaneous Service Charges

Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	34.76	3.30%	35.91

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	\$	107.68	3.30%	111.23
Monthly fixed charge, per retailer	\$	43.08	3.30%	44.50
Monthly variable charge, per customer, per retailer	\$/cust.	1.07	3.30%	1.11
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.64	3.30%	0.66
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.64)	3.30%	(0.66)
Service Transaction Requests (STR)			3.30%	-
Request fee, per request, applied to the requesting party	\$	0.54	3.30%	0.56
Processing fee, per request, applied to the requesting party	\$	1.07	3.30%	1.11
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)	\$	4.31	3.30%	4.45
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)	\$	2.15	3.30%	2.22

* inflation factor subject to change pending OEB approved inflation rate effective in 2022

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

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

Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

In the Green Cells below, enter all proposed rate riders/rates.

In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with "Rate Rider for".

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

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

In column E, enter the expiry date (e.g. April 30, 2023) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).

In column G, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B). Sub-total A refers to rates/rate riders that are considered pass through costs (eg: LRAMVA and ICM/ACM rate riders). Sub-total B refers to rates/rate riders that are considered pass through costs.

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
Rate Rider for Prospective LRAM Disposition (2023)	\$/kWh	-0.0001	2023-12-31	A
			- effective until	
			- effective until	

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
Rate Rider for Prospective LRAM Disposition (2023)	\$/kW	-0.0865	2023-12-31	A
			- effective until	
			- effective until	

LARGE USE - REGULAR SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
Rate Rider for Prospective LRAM Disposition (2023)	\$/kW	0.5561	2023-12-31	A
			- effective until	
			- effective until	

DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
Rate Rider for Prospective LRAM Disposition (2023)	\$/kW	-0.0922	2023-12-31	A
			- effective until	
			- effective until	

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

SENTINEL LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

microFIT SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

Appendix C

Proposed 2023 Tariff of Rates and Charges

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2022-0027

RESIDENTIAL SERVICE CLASSIFICATION

A customer qualifies for residential rate classification if their service is a 120/240 V single-phase supply to a single family dwelling, duplex, triplex, 4-plex or 6-plex, townhome or multi-unit - individually metered apartment, located on a parcel of land zoned by the City of Windsor Building Department for domestic or household purposes and where the customer uses the dwelling as a home. Where a customer operates an advertised business from a building that may or may not be used as a dwelling, EnWin Utilities Ltd. may elect to deem that the customer's rate class will be General Service. 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 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	\$	28.42
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$	(1.64)
Smart Metering Entity Charge - effective until December 31, 2023	\$	0.43
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023 Applicable only for Non-RPP Customers	\$/kWh	(0.0033)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kWh	0.0025
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0114
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0063

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

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2022-0027

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

A non-residential customer qualifies for a rate classification of General Service Less Than 50 kW if within the last 12 months its monthly average peak demand load has not exceeded 50 kW or for a new customer is not expected to exceed 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale 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	\$	29.54
Smart Metering Entity Charge - effective until December 31, 2023	\$	0.43
Distribution Volumetric Rate	\$/kWh	0.0186
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023 Applicable only for Non-RPP Customers	\$/kWh	(0.0033)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until December 31, 2023	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kWh	0.0026
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kWh	(0.0027)
Rate Rider for Prospective LRAM Disposition (2023) - effective until December 31, 2023	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0107
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

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
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GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

A non-residential customer qualifies for a rate classification of General Service 50 to 4,999 kW if within the last 12 months its monthly average peak demand load has equaled or exceeded 50 kW or for a new customer is expected to equal or exceed 50 kW but be less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale 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	\$	116.85
Distribution Volumetric Rate	\$/kW	5.2027
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023 Applicable only for Non-RPP Customers	\$/kWh	(0.0033)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until December 31, 2023	\$/kW	(0.2491)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023 Applicable only for Non-Wholesale Market Participants	\$/kW	0.3025
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.7057
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.0448)
Rate Rider for Prospective LRAM Disposition (2023) - effective until December 31, 2023	\$/kW	(0.0865)
Retail Transmission Rate - Network Service Rate	\$/kW	3.5864
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	2.0296

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

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LARGE USE - REGULAR SERVICE CLASSIFICATION

A customer is in the regular large use rate class when its monthly peak load, averaged over 12 consecutive months, is equal to or greater than 5,000 kW. The premises for this class of customer is predominantly used for large industrial or institutional purposes located on a parcel of land occupied by a single customer. 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 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	\$	9,822.14
Distribution Volumetric Rate	\$/kW	2.9145
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023 Applicable only for Non-RPP Customers	\$/kWh	(0.0033)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until December 31, 2023	\$/kW	1.6031
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023 Applicable only for Non-Wholesale Market Participants	\$/kW	0.2496
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.7557
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.4986)
Rate Rider for Prospective LRAM Disposition (2023) - effective until December 31, 2023	\$/kW	0.5561
Retail Transmission Rate - Network Service Rate	\$/kW	4.9354
Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.8099
Retail Transmission Rate - Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	2.0167

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

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DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION

This classification applies to a customer whose premises is serviced by a dedicated Transformer Station. 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 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.

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	\$	41,686.60
Distribution Volumetric Rate	\$/kW	3.9675
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until December 31, 2023	\$/kW	(0.2653)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023 Applicable only for Non-Wholesale Market Participants	\$/kW	0.3270
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.8472
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.4215)
Rate Rider for Prospective LRAM Disposition (2023) - effective until December 31, 2023	\$/kW	(0.0922)
Retail Transmission Rate - Network Service Rate	\$/kW	4.9354
Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.8099

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

ENWIN Utilities Ltd.
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. 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 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)	\$	12.03
Rate Rider for Disposition of Account 1575 (2020) (per connection) - effective until December 31, 2024	\$	(0.69)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023		
Applicable only for Non-RPP Customers	\$/kWh	(0.0033)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$	0.66
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0107
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

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SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for exterior parkway lighting with various parties, controlled by photo cells. 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 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)	\$	13.47
Rate Rider for Disposition of Account 1575 (2020) (per connection) - effective until December 31, 2024	\$	(0.32)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023		
Applicable only for Non-RPP Customers	\$/kWh	(0.0033)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$	0.32
Retail Transmission Rate - Network Service Rate	\$/kW	3.2814
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8569

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

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STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with the City of Windsor, controlled by photo cells. The consumption for these customers will be based on the calculated load times the required lighting times established in the approved Ontario Energy Board street lighting load shape profile. 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 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)	\$	5.70
Rate Rider for Disposition of Account 1575 (2020) (per connection) - effective until December 31, 2024	\$	(0.06)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023		
Applicable only for Non-RPP Customers	\$/kWh	(0.0033)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$	0.06
Retail Transmission Rate - Network Service Rate	\$/kW	3.2775
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8551

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

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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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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.

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Customer Administration

Arrears certificate	\$	15.00
Pulling post dated cheques	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Dispute test - residential	\$	50.00
Dispute test - commercial self contained -- MC	\$	105.00
Dispute test - commercial TT -- MC	\$	180.00
Cellular Meter Reading Charge	\$	7.50

Non-Payment of Account

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

Other

Service layout - residential	\$	110.00
Service layout - commercial	\$	150.00
Overtime locate	\$	60.00
Disposal of concrete poles	\$	95.00
Missed service appointment	\$	65.00
Service call - customer owned equipment	\$	30.00
Same day open trench	\$	170.00
Scheduled day open trench	\$	100.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	35.91

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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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	111.23
Monthly fixed charge, per retailer	\$	44.50
Monthly variable charge, per customer, per retailer	\$/cust.	1.11
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.66
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.66)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.56
Processing fee, per request, applied to the requesting party	\$	1.11
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)	\$	4.45

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	1.0311
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0207
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

GROSS LOAD BILLING NOTE

The Billing Demand for Line and Transformation Connection Services is defined as the Non-Coincident Peak demand (MW) in any hour of the month. The customer demand in any hour is the sum of (a) the loss adjusted demand supplied from the distribution system plus (b) the demand that is supplied by embedded generation installed after October 30, 1998, which have installed capacity of 2MW or more for renewable generation and 1 MW or higher for non-renewable generation. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Bio-gas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for loss.

Appendix D

Proposed 2023 Bill Impacts

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption:	750	kWh
Demand:	-	kW
Current Loss Factor:	1.0311	
Proposed/Approved Loss Factor:	1.0311	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.55	1	\$ 27.55	\$ 28.42	1	\$ 28.42	\$ 0.87	3.16%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ (1.64)	1	\$ (1.64)	\$ (1.64)	1	\$ (1.64)	\$ -	0.00%
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 25.91			\$ 26.78	\$ 0.87	3.36%
Line Losses on Cost of Power	\$ 0.1034	23	\$ 2.41	\$ 0.1034	23	\$ 2.41	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0004	750	\$ (0.30)	\$ 0.0025	750	\$ 1.88	\$ 2.18	-725.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.43	1	\$ 0.43	\$ 0.43	1	\$ 0.43	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 28.45			\$ 31.50	\$ 3.05	10.70%
RTSR - Network	\$ 0.0105	773	\$ 8.12	\$ 0.0114	773	\$ 8.82	\$ 0.70	8.57%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0061	773	\$ 4.72	\$ 0.0063	773	\$ 4.87	\$ 0.15	3.28%
Sub-Total C - Delivery (including Sub-Total B)			\$ 41.29			\$ 45.19	\$ 3.90	9.43%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	773	\$ 2.63	\$ 0.0034	773	\$ 2.63	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	773	\$ 0.39	\$ 0.0005	773	\$ 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%
Total Bill on TOU (before Taxes)			\$ 122.12			\$ 126.02	\$ 3.90	3.19%
HST	13%		\$ 15.88	13%		\$ 16.38	\$ 0.51	3.19%
Ontario Electricity Rebate	17.0%		\$ (20.76)	17.0%		\$ (21.42)	\$ (0.66)	-
Total Bill on TOU			\$ 117.24			\$ 120.98	\$ 3.74	3.19%

In the manager's summary, discuss the reas

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption:	2,000	kWh
Demand:	-	kW
Current Loss Factor:	1.0311	
Proposed/Approved Loss Factor:	1.0311	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.64	1	\$ 28.64	\$ 29.54	1	\$ 29.54	\$ 0.90	3.14%
Distribution Volumetric Rate	\$ 0.0180	2000	\$ 36.00	\$ 0.0186	2000	\$ 37.20	\$ 1.20	3.33%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0027	2000	\$ (5.40)	\$ 0.0030	2000	\$ (6.00)	\$ (0.60)	11.11%
Sub-Total A (excluding pass through)			\$ 59.24			\$ 60.74	\$ 1.50	2.53%
Line Losses on Cost of Power	\$ 0.1034	62	\$ 6.43	\$ 0.1034	62	\$ 6.43	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0004	2,000	\$ (0.80)	\$ 0.0026	2,000	\$ 5.20	\$ 6.00	-750.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.43	1	\$ 0.43	\$ 0.43	1	\$ 0.43	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 65.30			\$ 72.80	\$ 7.50	11.48%
RTSR - Network	\$ 0.0098	2,062	\$ 20.21	\$ 0.0107	2,062	\$ 22.07	\$ 1.86	9.18%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0057	2,062	\$ 11.75	\$ 0.0059	2,062	\$ 12.17	\$ 0.41	3.51%
Sub-Total C - Delivery (including Sub-Total B)			\$ 97.27			\$ 107.04	\$ 9.77	10.04%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,062	\$ 7.01	\$ 0.0034	2,062	\$ 7.01	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,062	\$ 1.03	\$ 0.0005	2,062	\$ 1.03	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	1,280	\$ 104.96	\$ 0.0820	1,280	\$ 104.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	360	\$ 40.68	\$ 0.1130	360	\$ 40.68	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 312.40			\$ 322.17	\$ 9.77	3.13%
HST	13%		\$ 40.61	13%		\$ 41.88	\$ 1.27	3.13%
Ontario Electricity Rebate	17.0%		\$ (53.11)	17.0%		\$ (54.77)	\$ (1.66)	-
Total Bill on TOU			\$ 299.90			\$ 309.28	\$ 9.38	3.13%

In the manager's summary, discuss the reas

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	67,000	kWh
Demand	200	kW
Current Loss Factor	1.0311	
Proposed/Approved Loss Factor	1.0311	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 113.28	1	\$ 113.28	\$ 116.85	1	\$ 116.85	\$ 3.57	3.15%
Distribution Volumetric Rate	\$ 5.0438	200	\$ 1,008.76	\$ 5.2027	200	\$ 1,040.54	\$ 31.78	3.15%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	-\$ 1.0448	200	-\$ (208.96)	-\$ 1.3804	200	-\$ (276.08)	\$ (67.12)	32.12%
Sub-Total A (excluding pass through)			\$ 913.08			\$ 881.31	\$ (31.77)	-3.48%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.1417	200	-\$ (28.34)	\$ 1.0082	200	\$ 201.64	\$ 229.98	-811.50%
CBR Class B Rate Riders	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	
GA Rate Riders	-\$ 0.0009	67,000	-\$ (60.30)	-\$ 0.0033	67,000	-\$ (221.10)	\$ (160.80)	266.67%
Low Voltage Service Charge	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 824.44			\$ 861.85	\$ 37.41	4.54%
RTSR - Network	\$ 3.2985	200	\$ 659.70	\$ 3.5864	200	\$ 717.28	\$ 57.58	8.73%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9629	200	\$ 392.58	\$ 2.0296	200	\$ 405.92	\$ 13.34	3.40%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,876.72			\$ 1,985.05	\$ 108.33	5.77%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	69,084	\$ 234.88	\$ 0.0034	69,084	\$ 234.88	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	69,084	\$ 34.54	\$ 0.0005	69,084	\$ 34.54	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.0967	69,084	\$ 6,680.39	\$ 0.0967	69,084	\$ 6,680.39	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 8,826.79			\$ 8,935.12	\$ 108.33	1.23%
HST	13%		\$ 1,147.48	13%		\$ 1,161.57	\$ 14.08	1.23%
Ontario Electricity Rebate	17.0%		\$ -	17.0%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 9,974.27			\$ 10,096.69	\$ 122.41	1.23%

In the manager's summary, discuss the reas

Customer Class:	LARGE USE - REGULAR SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	2,927,000	kWh
Demand	7,000	kW
Current Loss Factor	1.0045	
Proposed/Approved Loss Factor	1.0045	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 9,522.19	1	\$ 9,522.19	\$ 9,822.14	1	\$ 9,822.14	\$ 299.95	3.15%
Distribution Volumetric Rate	\$ 2.8255	7000	\$ 19,778.50	\$ 2.9145	7000	\$ 20,401.50	\$ 623.00	3.15%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	-\$ 1.4986	7000	\$ (10,490.20)	\$ 0.6606	7000	\$ 4,624.20	\$ 15,114.40	-144.08%
Sub-Total A (excluding pass through)			\$ 18,810.49			\$ 34,847.84	\$ 16,037.35	85.26%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.1621	7,000	\$ (1,134.70)	\$ 1.0053	7,000	\$ 7,037.10	\$ 8,171.80	-720.17%
CBR Class B Rate Riders	\$ -	7,000	\$ -	\$ -	7,000	\$ -	\$ -	
GA Rate Riders	-\$ 0.0009	2,927,000	\$ (2,634.30)	-\$ 0.0033	2,927,000	\$ (9,659.10)	\$ (7,024.80)	266.67%
Low Voltage Service Charge	\$ -	7,000	\$ -	\$ -	7,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	7,000	\$ -	\$ -	7,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 15,041.49			\$ 32,225.84	\$ 17,184.35	114.25%
RTSR - Network	\$ 4.5392	7,000	\$ 31,774.40	\$ 4.9354	7,000	\$ 34,547.80	\$ 2,773.40	8.73%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.7337	7,000	\$ 19,135.90	\$ 2.8266	7,000	\$ 19,786.20	\$ 650.30	3.40%
Sub-Total C - Delivery (including Sub-Total B)			\$ 65,951.79			\$ 86,559.84	\$ 20,608.05	31.25%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,940,172	\$ 9,996.58	\$ 0.0034	2,940,172	\$ 9,996.58	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,940,172	\$ 1,470.09	\$ 0.0005	2,940,172	\$ 1,470.09	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.0967	2,940,172	\$ 284,314.58	\$ 0.0967	2,940,172	\$ 284,314.58	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 361,733.29			\$ 382,341.34	\$ 20,608.05	5.70%
HST	13%		\$ 47,025.33	13%		\$ 49,704.37	\$ 2,679.05	5.70%
Ontario Electricity Rebate	17.0%		\$ -	17.0%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 408,758.62			\$ 432,045.72	\$ 23,287.10	5.70%

In the manager's summary, discuss the reas

Customer Class:	DEDICATED TRANSFORMER STATION SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	4,967,000	kWh
Demand	10,600	kW
Current Loss Factor	1.0045	
Proposed/Approved Loss Factor	1.0045	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 40,413.57	1	\$ 40,413.57	\$ 41,686.60	1	\$ 41,686.60	\$ 1,273.03	3.15%
Distribution Volumetric Rate	\$ 3.8463	10600	\$ 40,770.78	\$ 3.9675	10600	\$ 42,055.50	\$ 1,284.72	3.15%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -1.4215	10600	\$ (15,067.90)	\$ 1.7790	10600	\$ (18,857.40)	\$ (3,789.50)	25.15%
Sub-Total A (excluding pass through)			\$ 66,116.45			\$ 64,884.70	\$ (1,231.75)	-1.86%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -0.1797	10,600	\$ (1,904.82)	\$ 1.1742	10,600	\$ 12,446.52	\$ 14,351.34	-753.42%
CBR Class B Rate Riders	\$ -	10,600	\$ -	\$ -	10,600	\$ -	\$ -	
GA Rate Riders	\$ -	4,967,000	\$ -	\$ -	4,967,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	10,600	\$ -	\$ -	10,600	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	10,600	\$ -	\$ -	10,600	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 64,211.63			\$ 77,331.22	\$ 13,119.59	20.43%
RTSR - Network	\$ 4.5392	10,600	\$ 48,115.52	\$ 4.9354	10,600	\$ 52,315.24	\$ 4,199.72	8.73%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.7833	10,600	\$ 8,302.98	\$ 0.8099	10,600	\$ 8,584.94	\$ 281.96	3.40%
Sub-Total C - Delivery (including Sub-Total B)			\$ 120,630.13			\$ 138,231.40	\$ 17,601.27	14.59%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	4,989,352	\$ 16,963.80	\$ 0.0034	4,989,352	\$ 16,963.80	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	4,989,352	\$ 2,494.68	\$ 0.0005	4,989,352	\$ 2,494.68	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.0967	4,989,352	\$ 482,470.29	\$ 0.0967	4,989,352	\$ 482,470.29	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 622,559.14			\$ 640,160.41	\$ 17,601.27	2.83%
HST	13%		\$ 80,932.69	13%		\$ 83,220.85	\$ 2,288.17	2.83%
Ontario Electricity Rebate	17.0%		\$ -	17.0%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 703,491.83			\$ 723,381.26	\$ 19,889.44	2.83%

In the manager's summary, discuss the reas

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	5,800	kWh
Demand	-	kW
Current Loss Factor	1.0311	
Proposed/Approved Loss Factor	1.0311	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 11.66	23	\$ 268.18	\$ 12.03	23	\$ 276.69	\$ 8.51	3.17%
Distribution Volumetric Rate	\$ -	5800	\$ -	\$ -	5800	\$ -	\$ -	-
Fixed Rate Riders	\$ (0.69)	23	\$ (15.87)	\$ (0.69)	23	\$ (15.87)	\$ -	0.00%
Volumetric Rate Riders	\$ -	5800	\$ -	\$ -	5800	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 252.31			\$ 260.82	\$ 8.51	3.37%
Line Losses on Cost of Power	\$ 0.1034	180	\$ 18.65	\$ 0.1034	180	\$ 18.65	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	5,800	\$ -	\$ -	5,800	\$ -	\$ -	-
CBR Class B Rate Riders	\$ -	5,800	\$ -	\$ -	5,800	\$ -	\$ -	-
GA Rate Riders	\$ -	5,800	\$ -	\$ -	5,800	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	5,800	\$ -	\$ -	5,800	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	23	\$ -	\$ -	23	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ (0.10)	23	\$ (2.30)	\$ 0.66	23	\$ 15.18	\$ 17.48	-760.00%
Additional Volumetric Rate Riders	\$ -	5,800	\$ -	\$ -	5,800	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 268.66			\$ 294.65	\$ 25.99	9.67%
RTSR - Network	\$ 0.0098	5,980	\$ 58.61	\$ 0.0107	5,980	\$ 63.99	\$ 5.38	9.18%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0057	5,980	\$ 34.09	\$ 0.0059	5,980	\$ 35.28	\$ 1.20	3.51%
Sub-Total C - Delivery (including Sub-Total B)			\$ 361.36			\$ 393.93	\$ 32.57	9.01%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	5,980	\$ 20.33	\$ 0.0034	5,980	\$ 20.33	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	5,980	\$ 2.99	\$ 0.0005	5,980	\$ 2.99	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	23	\$ 5.75	\$ 0.25	23	\$ 5.75	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	3,712	\$ 304.38	\$ 0.0820	3,712	\$ 304.38	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	1,044	\$ 117.97	\$ 0.1130	1,044	\$ 117.97	\$ -	0.00%
TOU - On Peak	\$ 0.1700	1,044	\$ 177.48	\$ 0.1700	1,044	\$ 177.48	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 990.27			\$ 1,022.84	\$ 32.57	3.29%
HST	13%		\$ 128.74	13%		\$ 132.97	\$ 4.23	3.29%
Ontario Electricity Rebate	17.0%		\$ (168.35)	17.0%		\$ (173.88)	\$ (5.54)	-
Total Bill on TOU			\$ 950.66			\$ 981.93	\$ 31.27	3.29%

In the manager's summary, discuss the reas

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption:	260	kWh
Demand:	1	kW
Current Loss Factor:	1.0311	
Proposed/Approved Loss Factor:	1.0311	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 13.06	2	\$ 26.12	\$ 13.47	2	\$ 26.94	\$ 0.82	3.14%
Distribution Volumetric Rate	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Fixed Rate Riders	\$ (0.32)	2	\$ (0.64)	\$ (0.32)	2	\$ (0.64)	\$ -	0.00%
Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 25.48			\$ 26.30	\$ 0.82	3.22%
Line Losses on Cost of Power	\$ 0.1034	8	\$ 0.84	\$ 0.1034	8	\$ 0.84	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
CBR Class B Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
GA Rate Riders	\$ -	260	\$ -	\$ -	260	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	2	\$ -	\$ -	2	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ (0.04)	2	\$ (0.08)	\$ 0.32	2	\$ 0.64	\$ 0.72	-900.00%
Additional Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 26.24			\$ 27.78	\$ 1.54	5.87%
RTSR - Network	\$ 3.0180	1	\$ 3.02	\$ 3.2814	1	\$ 3.28	\$ 0.26	8.73%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7959	1	\$ 1.80	\$ 1.8569	1	\$ 1.86	\$ 0.06	3.40%
Sub-Total C - Delivery (including Sub-Total B)			\$ 31.05			\$ 32.91	\$ 1.86	6.00%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	268	\$ 0.91	\$ 0.0034	268	\$ 0.91	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	268	\$ 0.13	\$ 0.0005	268	\$ 0.13	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	2	\$ 0.50	\$ 0.25	2	\$ 0.50	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	166	\$ 13.64	\$ 0.0820	166	\$ 13.64	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	47	\$ 5.29	\$ 0.1130	47	\$ 5.29	\$ -	0.00%
TOU - On Peak	\$ 0.1700	47	\$ 7.96	\$ 0.1700	47	\$ 7.96	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 59.48			\$ 61.35	\$ 1.86	3.13%
HST	13%		\$ 7.73	13%		\$ 7.98	\$ 0.24	3.13%
Ontario Electricity Rebate	17.0%		\$ (10.11)	17.0%		\$ (10.43)	\$ (0.32)	-
Total Bill on TOU			\$ 57.11			\$ 58.90	\$ 1.79	3.13%

In the manager's summary, discuss the reas

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	275,000	kWh
Demand	800	kW
Current Loss Factor	1.0311	
Proposed/Approved Loss Factor	1.0311	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.53	12334	\$ 68,207.02	\$ 5.70	12334	\$ 70,303.80	\$ 2,096.78	3.07%
Distribution Volumetric Rate	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
Fixed Rate Riders	\$ (0.06)	12334	\$ (740.04)	\$ (0.06)	12334	\$ (740.04)	\$ -	0.00%
Volumetric Rate Riders	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 67,466.98			\$ 69,563.76	\$ 2,096.78	3.11%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
GA Rate Riders	\$ 0.0009	275,000	\$ (247.50)	\$ 0.0033	275,000	\$ (907.50)	\$ (660.00)	266.67%
Low Voltage Service Charge	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	12334	\$ -	\$ -	12334	\$ -	\$ -	
Additional Fixed Rate Riders	\$ (0.01)	12334	\$ (123.34)	\$ 0.06	12334	\$ 740.04	\$ 863.38	-700.00%
Additional Volumetric Rate Riders	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 67,096.14			\$ 69,396.30	\$ 2,300.16	3.43%
RTSR - Network	\$ 3.0144	800	\$ 2,411.52	\$ 3.2775	800	\$ 2,622.00	\$ 210.48	8.73%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7941	800	\$ 1,435.28	\$ 1.8551	800	\$ 1,484.08	\$ 48.80	3.40%
Sub-Total C - Delivery (including Sub-Total B)			\$ 70,942.94			\$ 73,502.38	\$ 2,559.44	3.61%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	283,553	\$ 964.08	\$ 0.0034	283,553	\$ 964.08	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	283,553	\$ 141.78	\$ 0.0005	283,553	\$ 141.78	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	12334	\$ 3,083.50	\$ 0.25	12334	\$ 3,083.50	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.0967	283,553	\$ 27,419.53	\$ 0.0967	283,553	\$ 27,419.53	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 102,551.82			\$ 105,111.26	\$ 2,559.44	2.50%
HST	13%		\$ 13,331.74	13%		\$ 13,664.46	\$ 332.73	2.50%
Ontario Electricity Rebate	17.0%		\$ -	17.0%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 115,883.56			\$ 118,775.73	\$ 2,892.17	2.50%

In the manager's summary, discuss the reas

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0311	
Proposed/Approved Loss Factor	1.0311	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.55	1	\$ 27.55	\$ 28.42	1	\$ 28.42	\$ 0.87	3.16%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ (1.64)	1	\$ (1.64)	\$ (1.64)	1	\$ (1.64)	\$ -	0.00%
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 25.91			\$ 26.78	\$ 0.87	3.36%
Line Losses on Cost of Power	\$ 0.0967	23	\$ 2.26	\$ 0.0967	23	\$ 2.26	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0004	750	\$ (0.30)	\$ 0.0025	750	\$ 1.88	\$ 2.18	-725.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	-\$ 0.0009	750	\$ (0.68)	-\$ 0.0033	750	\$ (2.48)	\$ (1.80)	266.67%
Low Voltage Service Charge	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.43	1	\$ 0.43	\$ 0.43	1	\$ 0.43	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 27.62			\$ 28.87	\$ 1.25	4.51%
RTSR - Network	\$ 0.0105	773	\$ 8.12	\$ 0.0114	773	\$ 8.82	\$ 0.70	8.57%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0061	773	\$ 4.72	\$ 0.0063	773	\$ 4.87	\$ 0.15	3.28%
Sub-Total C - Delivery (including Sub-Total B)			\$ 40.46			\$ 42.55	\$ 2.10	5.18%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	773	\$ 2.63	\$ 0.0034	773	\$ 2.63	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	773	\$ 0.39	\$ 0.0005	773	\$ 0.39	\$ -	0.00%
Standard Supply Service Charge	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Non-RPP Retailer Avg. Price	\$ 0.0967	750	\$ 72.53	\$ 0.0967	750	\$ 72.53	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 116.00			\$ 118.09	\$ 2.10	1.81%
HST	13%		\$ 15.08	13%		\$ 15.35	\$ 0.27	1.81%
Ontario Electricity Rebate	17.0%		\$ (19.72)	17.0%		\$ (20.08)	\$ (0.36)	-1.81%
Total Bill on Non-RPP Avg. Price			\$ 111.36			\$ 113.37	\$ 2.01	1.81%

In the manager's summary, discuss the reas

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:	1.0311	
Proposed/Approved Loss Factor:	1.0311	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.64	1	\$ 28.64	\$ 29.54	1	\$ 29.54	\$ 0.90	3.14%
Distribution Volumetric Rate	\$ 0.0180	2000	\$ 36.00	\$ 0.0186	2000	\$ 37.20	\$ 1.20	3.33%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0027	2000	\$ (5.40)	\$ 0.0030	2000	\$ (6.00)	\$ (0.60)	11.11%
Sub-Total A (excluding pass through)			\$ 59.24			\$ 60.74	\$ 1.50	2.53%
Line Losses on Cost of Power	\$ 0.0967	62	\$ 6.01	\$ 0.0967	62	\$ 6.01	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0004	2,000	\$ (0.80)	\$ 0.0026	2,000	\$ 5.20	\$ 6.00	-750.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ 0.0009	2,000	\$ (1.80)	\$ 0.0033	2,000	\$ (6.60)	\$ (4.80)	266.67%
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.43	1	\$ 0.43	\$ 0.43	1	\$ 0.43	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 63.08			\$ 65.78	\$ 2.70	4.28%
RTSR - Network	\$ 0.0098	2,062	\$ 20.21	\$ 0.0107	2,062	\$ 22.07	\$ 1.86	9.18%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0057	2,062	\$ 11.75	\$ 0.0059	2,062	\$ 12.17	\$ 0.41	3.51%
Sub-Total C - Delivery (including Sub-Total B)			\$ 95.05			\$ 100.02	\$ 4.97	5.23%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,062	\$ 7.01	\$ 0.0034	2,062	\$ 7.01	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,062	\$ 1.03	\$ 0.0005	2,062	\$ 1.03	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.0967	2,000	\$ 193.40	\$ 0.0967	2,000	\$ 193.40	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 296.49			\$ 301.46	\$ 4.97	1.68%
HST		13%	\$ 38.54		13%	\$ 39.19	\$ 0.65	1.68%
Ontario Electricity Rebate		17.0%	\$ (50.40)		17.0%	\$ (51.25)	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 284.63			\$ 289.40	\$ 4.77	1.68%

In the manager's summary, discuss the reas

Appendix E

2023 GA Analysis Workform (2021)

GA Analysis Workform for 2023 Rate Applications

Version 1.0

Input cells
Drop down cells

Utility Name **ENWIN UTILITIES LTD.**

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

2020

(e.g. If the 2020 balances that were reviewed in the 2022 rate application were to be selected, select 2020)

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 2020 balances were last approved on a final basis - Select 2020 and a GA Analysis Workform for 2021 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
- Scenario bi - If 2020 balances were last approved on an interim basis and there are no changes to 2020 balances - Select 2020 and a GA Analysis Workform for 2021 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
- Scenario bii - If 2020 balances were last approved on an interim basis, there are changes to 2020 balances, and 2019 balances were last approved for disposition - Select 2019 and GA Analysis Workforms for 2020 and 2021 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

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
2021	\$ (1,540,517)	\$ (1,685,832)	\$ 163,241	\$ (1,522,591)	\$ 17,926	\$ 41,685,594	0.0%
Cumulative Balance	\$ (1,540,517)	\$ (1,685,832)	\$ 163,241	\$ (1,522,591)	\$ 17,926	\$ 41,685,594	N/A

Account 1588 Reconciliation Summary

Year	Account 1588 as a % of Account 4705
2021	0.0%
Cumulative Balance	0.0%

GA Analysis Workform

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

Year	2021			
Total Metered excluding WMP	C = A+B	1,904,872,276	kWh	100%
RPP	A	977,417,208	kWh	51.3%
Non-RPP	B = D+E	927,255,068	kWh	48.7%
Non-RPP Class A	D	413,053,204	kWh	21.7%
Non-RPP Class B	E	514,201,864	kWh	27.0%

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

Note 3 GA Billing Rate

GA is billed on the Note that this GA rate for 2021 includes the GA recovery rate to recover the 2020 deferred Class B amount for non-RPP market participants and consumers.

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	2021									
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss 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 = P*L	N=M-K	
January	41,961,004			41,961,004	0.09092	\$ 3,815,094	0.08798	\$ 3,691,729	\$ (123,365)	
February	40,099,070			40,099,070	0.10485	\$ 4,204,387	0.05751	\$ 2,306,097	\$ (1,898,290)	
March	43,161,616			43,161,616	0.08420	\$ 3,634,208	0.09668	\$ 4,172,865	\$ (538,657)	
April	39,388,629			39,388,629	0.09699	\$ 2,744,994	0.11589	\$ 4,564,748	\$ 1,819,755	
May	40,894,781			40,894,781	0.10531	\$ 4,306,629	0.10675	\$ 4,365,518	\$ 58,889	
June	47,731,844			47,731,844	0.11352	\$ 5,418,519	0.09216	\$ 4,398,967	\$ (1,019,552)	
July	48,832,603			48,832,603	0.07612	\$ 3,717,138	0.07918	\$ 3,866,565	\$ 149,428	
August	51,063,009			51,063,009	0.08734	\$ 4,459,843	0.05107	\$ 2,607,788	\$ (1,852,055)	
September	44,400,471			44,400,471	0.05519	\$ 2,450,462	0.06234	\$ 3,655,935	\$ 1,205,473	
October	43,271,347			43,271,347	0.07402	\$ 3,202,945	0.06840	\$ 2,527,047	\$ (675,898)	
November	43,941,817			43,941,817	0.06342	\$ 2,786,790	0.06012	\$ 2,641,782	\$ (145,008)	
December	44,306,265			44,306,265	0.05443	\$ 2,411,590	0.06515	\$ 2,886,553	\$ 474,963	
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	529,052,454			529,052,454		\$ 43,152,600		\$ 41,685,594	\$ (1,467,005)	

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
528,041,568	529,052,454	1,010,886	0.07272	\$ (73,512)

*Equal to (AQEW - Class A + embedded generation kWh)/(Non-RPP Class B retail kWh/Total retail Class B kWh).
 **Equal to the total Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (i.e. cell F53), unless a reconciling item for "Impacts of GA deferral/recovery" is quantified and an alternative methodology for calculating the Expected GA Volume Variance is proposed.
 ***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). The weighted average GA actual rate paid in 2021 is generally expected to include the GA recovery rate, unless a reconciling item for "Impacts of GA deferral/recovery" is quantified and an alternative methodology for calculating the Expected GA Volume Variance is proposed.

The weighted average GA actual rate paid in 2021 is generally expected to include the GA recovery rate, unless the distributor is proposing an alternative methodology in calculating the Expected GA Volume Variance and proposing to quantify the reconciling item for "Impacts of GA deferral/recovery".

Total Expected GA Variance \$ (1,540,517)

Calculated Loss Factor	1.0289
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0311
Difference	-0.0022

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.

ENWIN is able to obtain actual billed usage from its Customer Information System that is prorated into the proper month based on the meter read start and end date. Therefore, actual usage applicable to each calendar month is able to be obtained and there is not a need to adjust for the previous or current month's unbilled estimates in columns G and H.

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

Not applicable.

Note 5 Reconciling Items

Item	Amount	Explanation	Principal Adjustments
			Principal Adjustment on DVA Continuity Schedule
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ (1,685,832)		
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) Significant prior period billing adjustments recorded in current year	\$ 26,726	Impact of cancel/rebills on GA revenue / costs recorded in 2021	No
3b) Significant current period billing adjustments recorded in other year(s)			
4) CT 2148 for prior period corrections			
5) Impacts of GA deferral/recovery	\$ 52,404	Impact of estimated Class B Non-RPP usage used for IESO billing of GA Deferral Recovery vs. Actual Class B Non-RPP Billed usage reflected in GA Analysis Workform above	No
6) Differences in actual system losses and billed TLFs	\$ 84,111	Difference between estimated loss impact included in expected balance in GA Analysis Workform (using weighted average GA Actual rate) vs. actual loss impact (using actual monthly losses and monthly GA Actual rate)	No
7)			
8)			
9)			
10)			
11)			

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ (1,522,591)
	Net Change in Expected GA Balance in the Year Per Analysis	\$ (1,540,517)
	Unresolved Difference	\$ 17,926
	Unresolved Difference as % of Expected GA Payments to IESO	0.0%

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 ¹	Principal Adjustments ¹	Total Activity in Calendar Year		
2021	-	13,915	-	129,117,343	0.0%
Cumulative	-	13,915	-	129,117,343	0.0%

Notes

- 1) The transactions should equal the "Transaction" column in the DVA Continuity Schedule. This is also expected to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Principal adjustments should equal the "Principal Adjustments" column in the DVA Continuity Schedule. Principal adjustments adjust the transactions in the general ledger to the amount that should be requested for disposition.

GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

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

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

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

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

Notes

- 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
- 3) The "Variance RRR vs. 2020 Balance" column in the DVA Continuity Schedule should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.
- 4) Principal adjustments to the pro-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		
	Total Reversal Principal Adjustments	-	
<i>Current year principal adjustments</i>			
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes		
	2 Unbilled to actual revenue differences		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	-	
Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model		-	

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

Appendix F

2023 LRAMVA Workform



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Generic LRAMVA Work Forms

Worksheet Name	Description
1. LRAMVA Summary	Tables 1-a and 1-b provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. Table 1c provides a summary of prospective LRAM-eligible amounts related to persisting CDM savings for all years until the LDC's next rebasing application. The balances are populated from entries into other tabs throughout this work form.
1-a. Summary of Changes	Tables A-1 and A-2 include a template for LDCs to summarize changes to the LRAMVA work form.
2. LRAMVA Threshold	Tables 2-a, 2-b and 2-c include the LRAMVA thresholds and allocations by rate class.
3. Distribution Rates	Tables 3-a and 3-b include the distribution rates that are used to calculate lost revenues.
4. 2011-2014 LRAM	Tables 4-a, 4-b, 4-c and 4-d include the template 2011-2014 LRAMVA work forms.
5. 2015-2027 LRAM	Tables 5-a, 5-b, 5-c, 5-d, 5-e, 5-f, 5-g, 5-h, 5-i, 5-j, 5-k, 5-l and 5-m include the template 2015-2027 LRAMVA work forms.
6. Carrying Charges	Table 6-b includes the variance on carrying charges related to the LRAMVA disposition.
7. Persistence Report	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
8. Streetlighting	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
LRAMVA Checklist/Schematic Tab	<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"> o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. 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. 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. 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. 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. o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. Distributors are also expected to provide prospective LRAM-eligible amounts related to persisting CDM savings for all years until their next rebasing application. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	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.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tabs 4 and 5 (2011-to Next COS)	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2022 program years and persisting savings until distributors next cost of service application, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> 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. 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. 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. 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. 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.
Tab 6. Carrying Charges	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. Carrying charges are not to be calculated for prospective LRAM-eligible amounts that relate to the persisting savings from CDM programs until the LDCs next cost-of-service application.
Tab 7. Persistence Report	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.
Tab 8. Streetlighting	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. Additionally, LDCs are also able to calculate prospective LRAM-eligible amounts, consistent with guidance provided in the 2021 CDM Guidelines. 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.

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

Legend

Drop Down List (Blue)

Important Checklist

Yes	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
Yes	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
Yes	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
Yes	o 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
Yes	o Apply the IESO verified savings adjustments to the year it relates to.
Not Applicable	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

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
Actual Incremental CDM Savings by Initiative	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 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" and "5. 2015-2027 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" and "5. 2015-2027 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)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA (\$) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 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
Total LRAMVA (\$) by Rate Class	Tab "1. LRAMVA Summary"			



LRAMVA Work Form: Summary Tab

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

LDC Name	ENWIN Utilities Ltd.
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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-2020-0017
Application of Previous LRAMVA Claim	2021 IRM Application
Period of LRAMVA Claimed in Previous Application	2019
Amount of LRAMVA Claimed in Previous Application	\$ 1,211,489.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2022-0027
Application of Current LRAMVA Claim	2023 IRM Application
Period of New LRAMVA in this Application	2020-2022
Period of Rate Recovery (# years)	1

C. Documentation of Changes

Original Amount	-\$ 14,767.87
Amount for Final Disposition	

Actual Lost Revenues (\$)	A	\$ 2,485,008
Forecast Lost Revenues (\$)	B	\$ 2,499,531
Carrying Charges (\$)	C	-\$ 245
LRAMVA (\$) for Account 1568	A-B+C	-\$ 14,768
Total LRAM-Eligible Amounts for Prospective Disposition	(Annual amounts to be recovered in future rate applications)	-\$ 82,612

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	\$0	\$0	\$0
GS<50 kW	kWh	-\$42,534	-\$722	-\$43,256
General Service 50 - 4,999 kW	kW	-\$538,683	-\$9,142	-\$547,825
General Service 3,000 - 4,999 kW	kW	\$5,966	\$101	\$6,067
Large Use - Regular	kW	\$659,922	\$11,201	\$671,123
Dedicated TS	kW	-\$113,744	-\$1,930	-\$115,674
Large Use - Ford Annex	kW	\$14,550	\$247	\$14,797
Other	kW	\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		-\$14,523	-\$245	-\$14,768

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 90 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 92.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large Use - Regular	Dedicated TS	Large Use - Ford Annex	Other	0	0	0	0	0	0	0	Total
2011 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2015 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2016 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2017 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2018 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2019 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2020 Actuals	<input type="checkbox"/>	\$0.00	\$33,092.43	\$266,522.09	\$1,944.28	\$496,452.52	\$7,259.85	\$4,741.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$810,012.76
2020 Forecast	<input type="checkbox"/>	\$0.00	(\$46,948.86)	(\$442,009.48)	\$0.00	(\$281,372.91)	(\$44,302.56)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$814,633.80)
Amount Cleared																	
2021 Actuals	<input type="checkbox"/>	\$0.00	\$33,637.14	\$271,501.89	\$1,981.22	\$505,848.03	\$7,370.72	\$4,831.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$825,170.66
2021 Forecast	<input type="checkbox"/>	\$0.00	(\$47,767.74)	(\$450,407.07)	\$0.00	(\$286,713.78)	(\$45,143.95)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$830,032.54)
Amount Cleared																	
2022 Actuals	<input type="checkbox"/>	\$0.00	\$34,585.31	\$279,627.92	\$2,040.65	\$521,024.20	\$7,570.12	\$4,976.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$849,824.77
2022 Forecast	<input type="checkbox"/>	\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$854,864.70)
Amount Cleared																	
Carrying Charges		\$0.00	(\$721.88)	(\$9,141.93)	\$101.26	\$11,200.70	(\$1,930.12)	\$246.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$245.02)
Total LRAMVA Balance (2011-2022)		\$0.00	-\$43,256.13	-\$547,825.21	\$6,067.42	\$671,123.16	-\$115,673.86	\$14,796.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$14,767.87

Table 1-c. LRAM-Eligible Amounts for Prospective Disposition

Table 1-c provides a summary of all prospective LRAM-eligible amounts. Consistent with guidance in the 2021 CDM Guidelines, distributors filing an application for 2023 rates should seek disposition of all outstanding LRAMVA balances related to previously established thresholds. Distributors not rebasing for 2023 rates who have complete information on eligible savings (i.e., needing only to account for persistence of savings in future years) may seek a rate adjustment on a prospective basis to address amounts that would otherwise be recorded in the LRAMVA for all years until their next rebasing application. Prospective treatment will not be necessary for cost-of-service applications.

All entries summarized below will be populated based on persisting savings from prior year CDM activities with no new savings from 2023-2027. Additionally, LRAM-eligible amounts for 2023 to 2027 are not added to the LRAMVA and do not accrue interest.

In their applications for 2023 rates, distributors should apply for approval of the 2023 to 2027 LRAM-eligible amounts shown in Table 1-C. Approval will mean that the LRAM-eligible amounts are accepted as final, subject only to the annual mechanistic adjustment to be completed in subsequent rate years.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large Use - Regular	Dedicated TS	Large Use - Ford Annex	Other	0	0	0	0	0	0	0	Total
2023 Actuals (in 2022 \$)	<input type="checkbox"/>	\$0.00	\$34,571.77	\$279,618.30	\$2,040.60	\$521,023.93	\$7,548.50	\$4,976.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$849,779.52
2023 Forecast (in 2022 \$)	<input type="checkbox"/>	\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$854,864.70)
2023 TOTAL LRAM-Eligible*		\$0.00	(\$14,560.76)	(\$184,300.34)	\$2,040.60	\$225,708.32	(\$38,949.42)	\$4,976.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$5,085.17)
Amount Cleared																	
2024 Actuals (in 2022 \$)	<input type="checkbox"/>	\$0.00	\$33,281.89	\$275,269.37	\$1,941.63	\$520,519.25	\$7,430.15	\$4,735.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$843,177.36
2024 Forecast (in 2022 \$)	<input type="checkbox"/>	\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$854,864.70)
2024 TOTAL LRAM-Eligible*		\$0.00	(\$15,850.64)	(\$188,649.27)	\$1,941.63	\$225,203.64	(\$39,067.77)	\$4,735.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$11,687.34)
Amount Cleared																	
2025 Actuals (in 2022 \$)	<input type="checkbox"/>	\$0.00	\$33,063.89	\$274,422.51	\$1,941.63	\$520,238.88	\$7,141.42	\$4,735.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$841,543.41
2025 Forecast (in 2022 \$)	<input type="checkbox"/>	\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$854,864.70)
2025 TOTAL LRAM-Eligible*		\$0.00	(\$16,068.64)	(\$189,496.12)	\$1,941.63	\$224,923.28	(\$39,356.50)	\$4,735.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$13,321.28)
Amount Cleared																	
2026 Actuals (in 2022 \$)	<input type="checkbox"/>	\$0.00	\$32,681.89	\$273,380.16	\$1,922.06	\$520,139.12	\$6,904.71	\$4,687.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$839,715.30
2026 Forecast (in 2022 \$)	<input type="checkbox"/>	\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$854,864.70)
2026 TOTAL LRAM-Eligible*		\$0.00	(\$16,450.64)	(\$190,538.47)	\$1,922.06	\$224,823.52	(\$39,593.21)	\$4,687.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$15,149.40)
Amount Cleared																	
2027 Actuals (in 2022 \$)	<input type="checkbox"/>	\$0.00	\$28,333.03	\$258,908.27	\$1,597.47	\$518,428.98	\$6,332.82	\$3,895.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$817,496.34
2027 Forecast (in 2022 \$)	<input type="checkbox"/>	\$0.00	(\$49,132.53)	(\$463,918.64)	\$0.00	(\$295,315.61)	(\$46,497.92)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$854,864.70)
2027 TOTAL LRAM-Eligible*		\$0.00	(\$20,799.50)	(\$205,010.37)	\$1,597.47	\$223,113.37	(\$40,165.10)	\$3,895.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$37,368.35)
Amount Cleared																	
Total LRAM-Eligible Amount (in 2022 \$)		\$0	-\$83,730	-\$957,995	\$9,443	\$1,123,772	-\$197,132	\$23,030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$82,612

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

Note: All 2023-2027 LRAM-Eligible Amounts are in 2022 dollars. LDCs are to follow the instructions noted above Table 5-i in Tab 5 when seeking recovery of prospective amounts in future rate applications.

LRAMVA Work Form: Summary of Changes

Version 7.0 (2023)

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	Column A	Unique identifiers added to each program	Allowed ENWIN to tie work form back to supporting document (Appendix G) to pull program level savings (both incremental and persistent) and allocation splits to ensure consistency between work form and calculations used in annual LRAMVA filings to the OEB.
2	3. Distribution Rates	E23:P23, E30:P30, E37:P37, E44:P44, E51:P51, E58:P58, E65:P65, E72:P72	Override formula in cells to remove rounding to 4 decimal place	Allowed ENWIN to tie work form back to supporting document (Appendix G) to pull the distribution rates to the same decimal point to ensure consistency between work form and calculations used in annual LRAMVA filings to the OEB.
3	5. 2015-2020 LRAM	AE784:AL791, AE980:AL987, AE1176:AL1182	Override formulas to reflect persistent savings in supporting document (Appendix G)	Allowed ENWIN to tie work form back to supporting document (Appendix G) to pull program level savings (both incremental and persistent) and allocation splits to ensure consistency between work form and calculations used in annual LRAMVA filings to the OEB.
4	5. 2015-2020 LRAM	Column C	Changed reference from 'Verified' to 'Unverified', and 'True-up' to 'True-up (Unverified)'	Used unverified savings for 2018, 2019, 2020 and 2021 as IESO announced on March 21, 2019 that they would not be providing LDCs with Final Verified Results Reporting beyond 2017. Used final verified results report to calculate NTG and persistence of savings.
5	5. 2015-2020 LRAM	Column AE : Column AL	Override rate allocation percentage	Input weighted percentages to account for different rate allocation to savings adjustments received in different program implementation years. Allowed ENWIN to reconcile persistent savings listed in work form with supporting documents (Appendix G, H, I).
6	3. Distribution Rates	N39:P40, N60:P61	Entered GS < 50 kW and Dedicated TS rates respectively	GS 3,000 kW - 4,999 kW and Ford Annex are now closed rate classes. Customers in GS 3,000 kW - 4,999 kW were moved to GS < 50 kW and customer in Ford Annex was moved to Dedicated TS.
7	9. Rate Class Allocations	Rows 25 - 101	Added Tab to support rate class allocations	Allowed ENWIN to tie work form back to supporting documents (Appendix H, I)
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

Version 7.0 (2023)

Legend

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

Table 2-a. LRAMVA Threshold

2020

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. 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	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large Use - Regular	Dedicated TS	Large Use - Ford Annex	Other	0.0	0.0	0.0	0.0	0.0	0.0
	kWh		kWh	kW	kW	kW	kW	kW	kW						
kWh	105,781,183	1,598,201	2,729,585	36,301,095		58,751,954	6,400,348								
kW	208,585			91,978		104,518	12,089								
Summary		1598201	2729585	91978	0	104518	12089	0	0	0	0	0	0	0	0

Years Included in Threshold 2018 - 2020

Source of Threshold EB-2019-0032 Settlement Agreement, p. 26

Table 2-b. LRAMVA Threshold

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-I. 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	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large Use - Regular	Dedicated TS	Large Use - Ford Annex	Other	0.0	0.0	0.0	0.0	0.0	0.0
	kWh		kWh	kW	kW	kW	kW	kW	kW						
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold

Source of Threshold

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	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large Use - Regular	Dedicated TS	Large Use - Ford Annex	Other	0.0	0.0	0.0	0.0	0.0	0.0
		kWh	kWh	kW	kW	kW	kW	kW	kW						
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	2020	1,598,201	2,729,585	91,978	0	104,518	12,089	0	0	0	0	0	0	0	0
2021	2020	1,598,201	2,729,585	91,978	0	104,518	12,089	0	0	0	0	0	0	0	0
2022	2020	1,598,201	2,729,585	91,978	0	104,518	12,089	0	0	0	0	0	0	0	0
2023	2020	1,598,201	2,729,585	91,978	0	104,518	12,089	0	0	0	0	0	0	0	0
2024	2020	1,598,201	2,729,585	91,978	0	104,518	12,089	0	0	0	0	0	0	0	0
2025	2020	1,598,201	2,729,585	91,978	0	104,518	12,089	0	0	0	0	0	0	0	0
2026	2020	1,598,201	2,729,585	91,978	0	104,518	12,089	0	0	0	0	0	0	0	0
2027	2020	1,598,201	2,729,585	91,978	0	104,518	12,089	0	0	0	0	0	0	0	0

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

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.

		EB-2009-0221	EB-2010-0079	EB-2011-0165	EB-2012-0120	EB-2014-0156	EB-2014-0069	EB-2015-0066	EB-2016-0067	EB-2017-0037	EB-2019-0029	EB-2019-0032	EB-2020-0017	EB-2021-0019
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Rate Year														
Period 1 (# months)		4	4	4	4	4	4	4	4	4	4	0	0	0
Period 2 (# months)		8	8	8	8	8	8	8	8	8	8	12	12	12
Residential														
Rate rider for tax sharing		\$ 0.0199	\$ 0.0200	\$ 0.0201	\$ 0.0202	\$ 0.0204	\$ 0.0206	\$ 0.0157	\$ 0.0106	\$ 0.0053	\$ -	\$ -	\$ -	\$ -
Rate rider for foregone revenue		\$ -	\$ 0.0003	\$ 0.0003	\$ 0.0003	\$ 0.0003	\$ 0.0003	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other														
Adjusted rate		\$ 0.0199	\$ 0.0197	\$ 0.0198	\$ 0.0199	\$ 0.0201	\$ 0.0203	\$ 0.0157	\$ 0.0106	\$ 0.0053	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 0.0198	\$ 0.0198	\$ 0.0199	\$ 0.0200	\$ 0.0202	\$ 0.0172	\$ 0.0123	\$ 0.0071	\$ 0.0018	\$ -	\$ -	\$ -	\$ -
GS-50 kW														
Rate rider for tax sharing		\$ 0.0162	\$ 0.0162	\$ 0.0163	\$ 0.0164	\$ 0.0166	\$ 0.0168	\$ 0.0171	\$ 0.0173	\$ 0.0174	\$ 0.0176	\$ 0.0172	\$ 0.0175	\$ 0.0180
Rate rider for foregone revenue		\$ -	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002
Other														
Adjusted rate		\$ 0.0162	\$ 0.0160	\$ 0.0161	\$ 0.0162	\$ 0.0164	\$ 0.0166	\$ 0.0169	\$ 0.0171	\$ 0.0172	\$ 0.0173	\$ 0.0172	\$ 0.0175	\$ 0.0180
Calendar year equivalent		\$ 0.0161	\$ 0.0161	\$ 0.0162	\$ 0.0163	\$ 0.0165	\$ 0.0168	\$ 0.0170	\$ 0.0172	\$ 0.0173	\$ 0.0172	\$ 0.0172	\$ 0.0175	\$ 0.0180
General Service 50 - 4,999 kW														
Rate rider for tax sharing		\$ 4.7075	\$ 4.6229	\$ 4.6543	\$ 4.6768	\$ 4.7380	\$ 4.7753	\$ 4.8469	\$ 4.9099	\$ 4.9394	\$ 4.9839	\$ 4.8056	\$ 4.8969	\$ 5.0438
Rate rider for foregone revenue		\$ -	\$ 0.0394	\$ 0.0485	\$ 0.0453	\$ 0.0453	\$ 0.0500	\$ 0.0347	\$ 0.0356	\$ 0.0352	\$ 0.0538	\$ -	\$ -	\$ -
Other														
Adjusted rate		\$ 4.7075	\$ 4.5835	\$ 4.6658	\$ 4.6313	\$ 4.6827	\$ 4.7253	\$ 4.8122	\$ 4.8743	\$ 4.9042	\$ 4.9301	\$ 4.8056	\$ 4.8969	\$ 5.0438
Calendar year equivalent		\$ 4.6248	\$ 4.5984	\$ 4.6228	\$ 4.6656	\$ 4.7111	\$ 4.7832	\$ 4.8536	\$ 4.8942	\$ 4.9215	\$ 4.8056	\$ 4.8969	\$ 5.0438	\$ 5.0438
General Service 3,000 - 4,999 kW														
Rate rider for tax sharing		\$ 1.9306	\$ 1.9341	\$ 1.9473	\$ 1.9668	\$ 1.9781	\$ 1.9879	\$ 2.0279	\$ 2.0543	\$ 2.0666	\$ 2.0852	\$ 4.8056	\$ 4.8969	\$ 5.0438
Rate rider for foregone revenue		\$ -	\$ 0.0187	\$ 0.0229	\$ 0.0214	\$ 0.0214	\$ 0.0227	\$ 0.0173	\$ 0.0177	\$ 0.0174	\$ 0.0256	\$ -	\$ -	\$ -
Other														
Adjusted rate		\$ 1.9306	\$ 1.9154	\$ 1.9244	\$ 1.9352	\$ 1.9567	\$ 1.9752	\$ 2.0106	\$ 2.0366	\$ 2.0492	\$ 2.0596	\$ 4.8056	\$ 4.8969	\$ 5.0438
Calendar year equivalent		\$ 1.9205	\$ 1.9214	\$ 1.9316	\$ 1.9495	\$ 1.9680	\$ 1.9988	\$ 2.0279	\$ 2.0450	\$ 2.0561	\$ 4.8056	\$ 4.8969	\$ 5.0438	\$ 5.0438
Large Use - Regular														
Rate rider for tax sharing		\$ 2.1824	\$ 2.1863	\$ 2.2012	\$ 2.2118	\$ 2.2361	\$ 2.2585	\$ 2.2924	\$ 2.3222	\$ 2.3361	\$ 2.3571	\$ 2.6921	\$ 2.7432	\$ 2.8255
Rate rider for foregone revenue		\$ -	\$ 0.0242	\$ 0.0298	\$ 0.0278	\$ 0.0278	\$ 0.0294	\$ 0.0201	\$ 0.0200	\$ 0.0194	\$ 0.0307	\$ -	\$ -	\$ -
Other														
Adjusted rate		\$ 2.1824	\$ 2.1621	\$ 2.1714	\$ 2.1840	\$ 2.2083	\$ 2.2291	\$ 2.2723	\$ 2.3022	\$ 2.3167	\$ 2.3264	\$ 2.6921	\$ 2.7432	\$ 2.8255
Calendar year equivalent		\$ 2.1689	\$ 2.1683	\$ 2.1798	\$ 2.2002	\$ 2.2222	\$ 2.2579	\$ 2.2922	\$ 2.3119	\$ 2.3232	\$ 2.6921	\$ 2.7432	\$ 2.8255	\$ 2.8255
Dedicated TS														
Rate rider for tax sharing		\$ 2.7235	\$ 2.7284	\$ 2.7470	\$ 2.7602	\$ 2.7906	\$ 2.8185	\$ 2.8608	\$ 2.8980	\$ 2.9154	\$ 2.9416	\$ 3.6647	\$ 3.7343	\$ 3.8463
Rate rider for foregone revenue		\$ -	\$ 0.3210	\$ 0.0395	\$ 0.0369	\$ 0.0369	\$ 0.0390	\$ 0.0335	\$ 0.0381	\$ 0.0341	\$ 0.0532	\$ -	\$ -	\$ -
Other														
Adjusted rate		\$ 2.7235	\$ 2.4074	\$ 2.7075	\$ 2.7233	\$ 2.7537	\$ 2.7795	\$ 2.8273	\$ 2.8619	\$ 2.8813	\$ 2.8884	\$ 3.6647	\$ 3.7343	\$ 3.8463
Calendar year equivalent		\$ 2.5128	\$ 2.6075	\$ 2.7190	\$ 2.7436	\$ 2.7709	\$ 2.8114	\$ 2.8504	\$ 2.8748	\$ 2.8860	\$ 3.6647	\$ 3.7343	\$ 3.8463	\$ 3.8463
Large Use - Ford Annex														
Rate rider for tax sharing		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate rider for foregone revenue		\$ -	\$ 0.0693	\$ 0.0852	\$ 0.0796	\$ 0.0796	\$ 0.0842	\$ 0.0914	\$ 0.0957	\$ 0.1060	\$ 0.1679	\$ -	\$ -	\$ -
Other														
Adjusted rate		\$ -	\$ 0.0693	\$ 0.0852	\$ 0.0796	\$ 0.0796	\$ 0.0842	\$ 0.0914	\$ 0.0957	\$ 0.1060	\$ 0.1679	\$ 3.6647	\$ 3.7343	\$ 3.8463
Calendar year equivalent		\$ 0.0462	\$ 0.0799	\$ 0.0815	\$ 0.0796	\$ 0.0827	\$ 0.0890	\$ 0.0943	\$ 0.1026	\$ 0.1473	\$ 3.6647	\$ 3.7343	\$ 3.8463	\$ 3.8463
Other														
Rate rider for tax sharing		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate rider for foregone revenue		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other														
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0														
Rate rider for tax sharing		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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 Table 4 and 5.

Year	Residential	GS-50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large Use - Regular	Dedicated TS	Large Use - Ford Annex	Other
2011	\$0.0198	\$0.0161	\$4.6248	\$1.9205	\$2.1689	\$2.5128	(\$0.0462)	\$0.0000
2012	\$0.0198	\$0.0161	\$4.5984	\$1.9214	\$2.1683	\$2.6075	(\$0.0799)	\$0.0000
2013	\$0.0199	\$0.0162	\$4.6228	\$1.9316	\$2.1798	\$2.7180	(\$0.0815)	\$0.0000
2014	\$0.0200	\$0.0163	\$4.6656	\$1.9495	\$2.2002	\$2.7436	(\$0.0796)	\$0.0000
2015	\$0.0202	\$0.0165	\$4.7111	\$1.9890	\$2.2222	\$2.7709	(\$0.0827)	\$0.0000
2016	\$0.0172	\$0.0168	\$4.7832	\$1.9988	\$2.2579	\$2.8114	(\$0.0890)	\$0.0000
2017	\$0.0123	\$0.0170	\$4.8536	\$2.0279	\$2.2922	\$2.8504	(\$0.0943)	\$0.0000
2018	\$0.0071	\$0.0172	\$4.8942	\$2.0450	\$2.3119	\$2.8748	(\$0.1026)	\$0.0000
2019	\$0.0018	\$0.0173	\$4.9215	\$2.0561	\$2.3232	\$2.8860	(\$0.1473)	\$0.0000
2020	\$0.0000	\$0.0172	\$4.8056	\$4.8056	\$2.6921	\$3.6647	\$3.6647	\$0.0000
2021	\$0.0000	\$0.0175	\$4.8969	\$2.7432	\$3.7343	\$3.7343	\$3.7343	\$0.0000
2022	\$0.0000	\$0.0180	\$5.0438	\$2.8255	\$3.8463	\$3.8463	\$3.8463	\$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition

Table 5-m. 2027 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)													Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)											Rate Allocations for LRAMVA																				
			2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039			2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	Residential	GS<50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large Use - Regular	Dedicated TS	Large Use - Ford Annex	Other											Total
			kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh			kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh								
Actual CDM Savings in 2027 (set to zero)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Forecast CDM Savings in 2027		1,598,201	2,729,585	91,978																																													
Distribution Rate in 2022		\$0.00000	\$0.01800	\$5.04380	\$5.04380	\$2.82550	\$3.84630	\$3.84630	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000													
Lost Revenue in 2027 from 2011 programs		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00													
Lost Revenue in 2027 from 2012 programs		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00													
Lost Revenue in 2027 from 2013 programs		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00													
Lost Revenue in 2027 from 2014 programs		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00													
Lost Revenue in 2027 from 2015 programs		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00													
Lost Revenue in 2027 from 2016 programs		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00													
Lost Revenue in 2027 from 2017 programs		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00													
Lost Revenue in 2027 from 2018 programs		\$0.00	\$24,298.45	\$157,141.40	\$1,597.47	\$14,893.28	\$1,561.64	\$3,895.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$203,488.01													
Lost Revenue in 2027 from 2019 programs		\$0.00	\$3,734.58	\$99,589.04	\$0.00	\$5,444.95	\$4,771.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$113,539.75														
Lost Revenue in 2027 from 2020 programs		\$0.00	\$0.00	\$2,177.83	\$0.00	\$488,290.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,468.58														
Lost Revenue in 2027 from 2021 programs		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00														
Lost Revenue in 2027 from 2022 programs		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00														
Total Lost Revenues in 2027 (in 2022 \$)		\$0.00	\$28,333.03	\$258,998.27	\$1,597.47	\$516,428.98	\$6,332.82	\$3,895.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$817,496.34															
Forecast Lost Revenues in 2027 (in 2022 \$)		\$0.00	\$49,132.53	\$463,918.64	\$0.00	\$295,315.61	\$46,497.92	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$854,864.70																
LRAM-Eligible Amount in 2027 (in 2022 \$)																																		\$-37,368.35															



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.

Rationale:

1) Where CDM programs are only available to customers which reside in one particular rate class, all savings resulting from said programs are allocated to these individual rate classes. These programs would include:

2015-2020 Conservation First Framework:

- Coupon Program (Residential)
- Heating & Cooling Program (Residential)
- New Consturction Program (Residential)
- Home Assistance Program (Residential)

2) Where CDM programs are available to customers which reside in multiple rate classes, ENWIN reviews the project lists provided by the IESO (accompanies the final verified results report) to determine which rate class the individual projects belong to. ENWIN verifies both the facility address and the account number provided in the project list against it's CIS system. Once the data verification process is complete, a pivot table is created from the data in the project list which can be filtered by program and rate class. The savings (kW or kWh, based on rate class) are then allocated to each rate class based on the percentage of the total savings for the program.

2020

Completion Year	2016				
Application included in 2018 or 2019 LRAM Claim?	#N/A				
Program Name	Save on Energy Retrofit Program				
Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% Allocation of kW	% Allocation of kWh	
<50kW	1.522	6,871.930	6.48%	4.45%	
>50kW	21.978	147,630.227	93.52%	95.55%	
Completion Year	2017				
Application included in 2018 or 2019 LRAM Claim?	#N/A				
Program Name	Save on Energy Retrofit Program				
Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% Allocation of kW	% Allocation of kWh	
<50kW	40.765	143,707.550	21.67%	17.23%	
>50kW	146.836	685,994.893	78.05%	82.27%	
>5MW	0.539	4,120.745	0.29%	0.49%	
Completion Year	2018				
Application included in 2018 or 2019 LRAM Claim?	#N/A				
Program Name	Save on Energy Retrofit Program				
Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% Allocation of kW	% Allocation of kWh	
<50kW	2.165	12,549.150	1.21%	1.08%	
>50kW	175.030	1,143,672.063	98.10%	98.21%	
>5MW	1.217	8,305.619	0.68%	0.71%	
Completion Year	2019				
Application included in 2018 or 2019 LRAM Claim?	(All)				
Program Name	Save on Energy Process & Systems Upgrades Program				
Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% Allocation of kW	% Allocation of kWh	
>50kW	1,378.321	6,452,862.269	100.00%	100.00%	
Completion Year	2019				
Application included in 2018 or 2019 LRAM Claim?	(All)				
Program Name	Save on Energy Retrofit Program				
Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% Allocation of kW	% Allocation of kWh	
<50kW	27.402	145,640.835	18.62%	19.37%	
>50kW	24.386	111,734.043	16.57%	14.86%	
>5MW (3TS)	95.413	494,395.515	64.82%	65.76%	
Completion Year	2020				
Application included in 2018 or 2019 LRAM Claim?	#N/A				
Program Name	Save on Energy Process & Systems Upgrades Program				
Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% Allocation of kW	% Allocation of kWh	
>5MW	14,696.241	69,973,411.630	100.00%	100.00%	
Completion Year	2020				
Application included in 2018 or 2019 LRAM Claim?	#N/A				
Program Name	Save on Energy Retrofit Program				
Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% Allocation of kW	% Allocation of kWh	
>50kW	19.135	82,062.961	100.00%	100.00%	
2021					
Program Name	SAVE ON ENERGY RETROFIT PROGRAM				
Project Completion Year	2018				
Apps included in 2018-2020 LRAM?	#N/A				
Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% kW Allocation	% kWh Allocation	
<50kW	1.60	46,067.25	0.24%	1.53%	
>50kW	560.39	2,674,877.13	84.16%	88.90%	
>5MW	103.85	287,774.07	15.60%	9.56%	
Program Name	SAVE ON ENERGY RETROFIT PROGRAM				
Project Completion Year	2019				
Apps included in 2018-2020 LRAM?	#N/A				
Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% kW Allocation	% kWh Allocation	
<50kW	9.38	33,969.36	4.62%	3.02%	
>50kW	95.20	400,668.71	46.90%	35.66%	
>5MW	98.40	689,028.56	48.48%	61.32%	
Program Name	SAVE ON ENERGY RETROFIT PROGRAM				
Project Completion Year	2020				
Apps included in 2018-2020 LRAM?	#N/A				
Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% kW Allocation	% kWh Allocation	
>50kW	18.87	63,917.29	100.00%	100.00%	

Appendix G

2018 - 2027 Persistence Report

2018 Unverified Savings

For: EnWin Utilities Ltd.

Net Annual Peak Demand Savings

2018 Program	Implementation Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040		
Legacy Framework																													
1 Coupon Initiative																													
2 Bi-Annual Retailer Event Initiative																													
3 Appliance Retirement Initiative																													
4 HVAC Incentives Initiative																													
5 Residential New Construction and Major Renovation Initiative																													
6 Energy Audit Initiative																													
7 Efficiency: Equipment Replacement Incentive Initiative																													
8 Direct Install Lighting and Water Heating Initiative - Blended Baseline Impacts																													
9 Efficiency: Equipment Replacement Incentive Initiative - Blended Baseline Impacts																													
10 Efficiency: Equipment Replacement Incentive Initiative - Blended Baseline Impacts - TRUE-UP																													
11 Process and Systems Upgrades Initiatives - Project Incentive Initiative																													
12 Process and Systems Upgrades Initiatives - Energy Manager Initiative																													
13 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative																													
14 Low Income Initiative																													
15 Loblaws Pilot																													
16 Social Benchmarking Pilot																													
17 Conservation Fund Pilot - SEG																													
18 Conservation Fund Pilot - EnerNOC																													
19 Aboriginal Conservation Program																													
20 Program Enabled Savings																													
Conservation First Framework																													
21 Whole Home Pilot Program																													
22 Save on Energy Coupon Program																													
23 EnWin Heat Pump Pilot Program																													
24 Intelligent Air Technology Pilot Program																													
25 Save on Energy Home Assistance Program																													
26 Save on Energy Process & Systems Upgrade Program																													
27 Save on Energy Audit Funding Program																													
28 Save on Energy Instant Discount Program																													
29 Save on Energy Energy Manager Program																													
30 Save on Energy Retrofit Program																													
31 Save on Energy Small Business Lighting Program																													
32 Save on Energy Coupon Program																													
33 Save on Energy Energy Manager Program																													
34 Save on Energy Retrofit Program																													
35 Save on Energy Retrofit Program																													
36 Save on Energy Retrofit Program - Blended Baseline Impacts - TRUE-UP																													
37 Save on Energy Process & Systems Upgrade Program																													
38 Save on Energy Small Business Lighting Program																													
39 Save on Energy Energy Performance Program for Multi-Site Customers																													
Total		0	49	604	3,282	3,272	3,255	3,255	3,252	3,241	3,199	3,189	3,123	2,768	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

PLUS ADJUSTMENTS FOR:
 2019
 2020
 2021

LESS ADJUSTMENTS FOR:
 2015
 2016
 2017

REMOVAL OF ADJUSTMENTS IN 2018 FROM 2019 TO REFLECT DISPOSITION OF LRAM IN 2020 COS RATE APPLICATION
 REMOVAL OF ADJUSTMENTS IN 2018 FROM 2020 TO REFLECT DISPOSITION OF LRAM IN 2020 COS RATE APPLICATION

2018 SAVINGS PERSISTING EACH OF THE FOLLOWING YEARS

DISTRIBUTION RATES

LOST REVENUE

Peak Demand and Energy savings are annual savings in IESO reports.

2019 Unverified Savings

For: EnWin Utilities Ltd.

Net Annual Peak Demand Savings

2019 Program	Implementation Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Legacy Framework																											
1 Coupon Initiative																											
2 Bi-Annual Retailer Event Initiative																											
3 Appliance Retirement Initiative																											
4 HVAC Incentives Initiative																											
5 Residential New Construction and Major Renovation Initiative																											
6 Energy Audit Initiative																											
7 Efficiency: Equipment Replacement Incentive Initiative																											
8 Direct Install Lighting and Water Heating Initiative - Blended Baseline Impacts																											
9 Efficiency: Equipment Replacement Incentive Initiative - Blended Baseline Impacts																											
10 Efficiency: Equipment Replacement Incentive Initiative - Blended Baseline Impacts - TRUE-UP																											
11 Process and Systems Upgrades Initiatives - Project Incentive Initiative																											
12 Process and Systems Upgrades Initiatives - Energy Manager Initiative																											
13 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative																											
14 Low Income Initiative																											
15 Loblaws Pilot																											
16 Social Benchmarking Pilot																											
17 Conservation Fund Pilot - SEG																											
18 Conservation Fund Pilot - EnerNOC																											
19 Aboriginal Conservation Program																											
20 Program Enabled Savings																											
Conservation First Framework																											
21 Whole Home Pilot Program																											
22 Save on Energy Coupon Program																											
23 EnWin Heat Pump Pilot Program																											
24 Intelligent Air Technology Pilot Program																											
25 Save on Energy Home Assistance Program																											
a_2017 26 Save on Energy Process & Systems Upgrade Program	2017			237	237	237	237	237	237	237	237	237	237	142													
27 Save on Energy Audit Funding Program																											
28 Save on Energy Instant Discount Program																											
29 Save on Energy Energy Manager Program																											
26_2019 30 Save on Energy Retrofit Program	2019					279	279	277	277	277	277	277	264	264	261												
d_2017 31 Save on Energy Small Business Lighting Program	2017			5	4	3	3	3	3	3	3	3	3	3													
32 Save on Energy Coupon Program																											
a_2018 33 Save on Energy Energy Manager Program	2018																										
c_2017 34 Save on Energy Retrofit Program	2017					508	508	506	506	506	506	481	481	476	396												
35 Save on Energy Retrofit Program				95	95	95	95	95	95	90	90	89	74	37													
36 Save on Energy Retrofit Program - Blended Baseline Impacts - TRUE-UP																											
b_2018 37 Save on Energy Process & Systems Upgrade Program	2018					12	10	7	7	7	7	7	7	7													
38 Save on Energy Small Business Lighting Program																											
39 Save on Energy Energy Performance Program for Multi-Site Customers																											
Total		0	0	337	856	1,132	1,127	1,125	1,125	1,121	1,096	1,082	1,062	847	0	0	0	0	0	0	0	0	0	0	0	0	0

PLUS ADJUSTMENTS FOR:
2020
2021

LESS ADJUSTMENTS FOR:
2015
2016
2017
2018

REMOVAL OF ADJUSTMENTS IN 2019 FROM 2020 TO REFLECT DISPOSITION OF LRAM IN 2020 COS RATE APPLICATION

2019 SAVINGS PERSISTING EACH OF THE FOLLOWING YEARS

DISTRIBUTION RATES

LOST REVENUE

Peak Demand and Energy savings are annual savings in IESO reports.

2020 Unverified Savings

For: EnWin Utilities Ltd.

Net Annual Peak Demand Savings

2020 Program	Implementation Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Legacy Framework																											
1 Coupon Initiative																											
2 Bi-Annual Retailer Event Initiative																											
3 Appliance Retirement Initiative																											
4 HVAC Incentives Initiative																											
5 Residential New Construction and Major Renovation Initiative																											
6 Energy Audit Initiative																											
7 Efficiency: Equipment Replacement Incentive Initiative																											
8 Direct Install Lighting and Water Heating Initiative - Blended Baseline Impacts																											
9 Efficiency: Equipment Replacement Incentive Initiative - Blended Baseline Impacts																											
10 Efficiency: Equipment Replacement Incentive Initiative - Blended Baseline Impacts - TRUE-UP																											
11 Process and Systems Upgrades Initiatives - Project Incentive Initiative																											
12 Process and Systems Upgrades Initiatives - Energy Manager Initiative																											
13 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative																											
14 Low Income Initiative																											
15 Loblaws Pilot																											
16 Social Benchmarking Pilot																											
17 Conservation Fund Pilot - SEG																											
18 Conservation Fund Pilot - EnerNOC																											
19 Aboriginal Conservation Program																											
20 Program Enabled Savings																											
Conservation First Framework																											
21 Whole Home Pilot Program																											
22 Save on Energy Coupon Program																											
23 EnWin Heat Pump Pilot Program																											
24 Intelligent Air Technology Pilot Program																											
25 Save on Energy Home Assistance Program																											
a_2019 26 Save on Energy Process & Systems Upgrade Program	2019						1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378	1,378
27 Save on Energy Audit Funding Program																											
28 Save on Energy Instant Discount Program																											
29 Save on Energy Retrofit Program			24	24	23	23	23	23	22	22	22	18	9	9													
30 Save on Energy Retrofit Program	2017		188	188	187	187	187	187	178	178	176	147	73														
31 Save on Energy Small Business Lighting Program																											
32 Save on Energy Coupon Program																											
b_2018 33 Save on Energy Energy Manager Program	2018				178	178	178	178	178	178	169	169	167	139													
c_2019 34 Save on Energy Retrofit Program	2019				147	147	146	146	145	144	137	129	121														
26_2020 35 Save on Energy Retrofit Program	2020					19	19	19	19	19	19	18	18														
30_2020 36 Save on Energy Process & Systems Upgrade Program	2020						14,696	14,696	14,696	14,696	14,696	14,696	14,696	14,696													
37 Save on Energy Small Business Lighting Program																											
38 Save on Energy Small Business Lighting Program																											
39 Save on Energy Energy Performance Program for Multi-Site Customers																											
Total		0	24	212	390	1,915	16,629	16,628	16,626	16,617	16,607	16,594	16,545	16,435	0	0	0	0	0	0	0	0	0	0	0	0	0

PLUS ADJUSTMENTS FOR:
2021

LESS ADJUSTMENTS FOR:
2015
2016
2017
2018
2019

2020 SAVINGS PERSISTING EACH OF THE FOLLOWING YEARS

DISTRIBUTION RATES

LOST REVENUE

Peak Demand and Energy savings are annual savings in IESO reports.

2021 Unverified Savings

For: EnWin Utilities Ltd.

Net Annual Peak Demand Savings

2021 Program	Implementation Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	
Legacy Framework																												
1 Coupon Initiative																												
2 Bi-Annual Retailer Event Initiative																												
3 Appliance Retirement Initiative																												
4 HVAC Incentives Initiative																												
5 Residential New Construction and Major Renovation Initiative																												
6 Energy Audit Initiative																												
7 Efficiency: Equipment Replacement Incentive Initiative																												
8 Direct Install Lighting and Water Heating Initiative - Blended Baseline Impacts																												
9 Efficiency: Equipment Replacement Incentive Initiative - Blended Baseline Impacts																												
10 Efficiency: Equipment Replacement Incentive Initiative - Blended Baseline Impacts - TRUE-UP																												
11 Process and Systems Upgrades Initiatives - Project Incentive Initiative																												
12 Process and Systems Upgrades Initiatives - Energy Manager Initiative																												
13 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative																												
14 Low Income Initiative																												
15 Loblaws Pilot																												
16 Social Benchmarking Pilot																												
17 Conservation Fund Pilot - SEG																												
18 Conservation Fund Pilot - EnerNOC																												
19 Aboriginal Conservation Program																												
20 Program Enabled Savings																												
Conservation First Framework																												
21 Whole Home Pilot Program																												
22 Save on Energy Coupon Program																												
23 EnWin Heat Pump Pilot Program																												
24 Intelligent Air Technology Pilot Program																												
25 Save on Energy Home Assistance Program																												
26 Save on Energy Process & Systems Upgrade Program																												
27 Save on Energy Audit Funding Program																												
28 Save on Energy Instant Discount Program																												
29 Save on Energy Retrofit Program																												
30 Save on Energy Retrofit Program																												
31 Save on Energy Small Business Lighting Program																												
32 Save on Energy Coupon Program																												
33 Save on Energy Energy Manager Program																												
34 Save on Energy Retrofit Program	2018				666	666	663	663	663	663	630	630	624	519														
35 Save on Energy Retrofit Program	2019					203	203	202	202	202	202	192	192	190														
36 Save on Energy Retrofit Program	2020						19	19	19	19	19	19	18	18														
37 Save on Energy Process & Systems Upgrade Program																												
38 Save on Energy Small Business Lighting Program																												
39 Save on Energy Energy Performance Program for Multi-Site Customers																												
Total		0	0	0	666	869	884	883	883	883	851	841	834	727	0	0	0	0	0	0	0	0	0	0	0	0	0	0

b_2018
c_2019
a_2020

PLUS ADJUSTMENTS FOR:

LESS ADJUSTMENTS FOR:

- 2015
- 2016
- 2017
- 2018
- 2019
- 2020

2021 SAVINGS PERSISTING EACH OF THE FOLLOWING YEARS

DISTRIBUTION RATES

LOST REVENUE

Peak Demand and Energy savings are annual savings in IESO reports.

2025 Savings table with columns: Residential, General Service <50 kW, General Service 50 - 4,999 kW, General Service 3,000 - 4,999 kW, Large use - Regular, Large Use - 3TS, Large Use - Ford Annex, Other.

2026 Savings table with columns: Residential, General Service <50 kW, General Service 50 - 4,999 kW, General Service 3,000 - 4,999 kW, Large use - Regular, Large Use - 3TS, Large Use - Ford Annex, Other.

2027 Savings table with columns: Residential, General Service <50 kW, General Service 50 - 4,999 kW, General Service 3,000 - 4,999 kW, Large use - Regular, Large Use - 3TS, Large Use - Ford Annex, Other.

Summary table for 2025 Savings with numerical values for each category.

Summary table for 2026 Savings with numerical values for each category.

Summary table for 2027 Savings with numerical values for each category.

Summary table with financial data, including values in parentheses and dollar signs, representing savings and costs across all three years.

Interest Rates & Charges

Interest Charge Summary

	2020	2021	2022
Opening Balance	\$ -	\$ (19.82)	\$ (58.86)
Incremental Annual Charges	(19.82)	(39.04)	(186.16)
Ending Balance	\$ (19.82)	\$ (58.86)	\$ (245.02)

Prescribed Annual Interest Rates

	2020	2021	2022
Jan	2.18%	0.57%	0.57%
Feb	2.18%	0.57%	0.57%
Mar	2.18%	0.57%	0.57%
Apr	2.18%	0.57%	1.02%
May	2.18%	0.57%	1.02%
Jun	2.18%	0.57%	1.02%
Jul	0.57%	0.57%	2.20%
Aug	0.57%	0.57%	2.20%
Sep	0.57%	0.57%	2.20%
Oct	0.57%	0.57%	2.20%
Nov	0.57%	0.57%	2.20%
Dec	0.57%	0.57%	2.20%
Annual Average	1.38%	0.57%	1.50%

LRAM

Opening LRAM Balance	-	(4,621.04)	(9,482.92)
Incremental Annual LRAM	(4,621.04)	(4,861.88)	(5,039.93)
Residential	-	-	-
General Service <50 kW	(13,856.43)	(14,130.59)	(14,547.22)
General Service 50 - 4,999 kW	(175,487.39)	(178,905.18)	(184,290.71)
General Service 3,000 - 4,999 kW	1,944.28	1,981.22	2,040.65
Large use - Regular	215,079.62	219,134.25	225,708.60
Large Use - 3TS	(37,042.71)	(37,773.23)	(38,927.80)
Large Use - Ford Annex	4,741.60	4,831.65	4,976.56
Other	-	-	-
TOTAL	(4,621.04)	(4,861.88)	(5,039.93)

	2020	2021	2022
Jan	-	(2.19)	(4.50)
Feb	(0.70)	(2.39)	(4.70)
Mar	(1.40)	(2.58)	(4.90)
Apr	(2.10)	(2.77)	(9.13)
May	(2.80)	(2.96)	(9.49)
Jun	(3.50)	(3.16)	(9.85)
Jul	(1.10)	(3.35)	(22.01)
Aug	(1.28)	(3.54)	(22.78)
Sep	(1.46)	(3.73)	(23.55)
Oct	(1.65)	(3.93)	(24.32)
Nov	(1.83)	(4.12)	(25.09)
Dec	(2.01)	(4.31)	(25.86)
Annual Interest Charges	(19.82)	(39.04)	(186.16)

CHECK (19.82) (39.04) (186.16)

Residential	2020	2021	2022
Jan	-	-	-
Feb	-	-	-
Mar	-	-	-
Apr	-	-	-
May	-	-	-
Jun	-	-	-
Jul	-	-	-
Aug	-	-	-
Sep	-	-	-
Oct	-	-	-
Nov	-	-	-
Dec	-	-	-
Annual Interest Charges	-	-	-

General Service <50 kW	2020	2021	2022
Jan	-	(6.58)	(13.29)
Feb	(2.10)	(7.14)	(13.87)
Mar	(4.20)	(7.70)	(14.45)
Apr	(6.29)	(8.26)	(26.88)
May	(8.39)	(8.82)	(27.91)
Jun	(10.49)	(9.38)	(28.94)
Jul	(3.29)	(9.94)	(64.64)
Aug	(3.84)	(10.50)	(66.87)
Sep	(4.39)	(11.06)	(69.09)
Oct	(4.94)	(11.62)	(71.31)
Nov	(5.48)	(12.18)	(73.53)
Dec	(6.03)	(12.73)	(75.76)
Annual Interest Charges	(59.44)	(115.90)	(546.55)

General Service 50 - 4,999 kW	2020	2021	2022
Jan	-	(83.36)	(168.34)
Feb	(26.57)	(90.44)	(175.63)
Mar	(53.13)	(97.52)	(182.93)
Apr	(79.70)	(104.60)	(340.40)
May	(106.27)	(111.68)	(353.45)
Jun	(132.83)	(118.76)	(366.50)
Jul	(41.68)	(125.85)	(818.65)
Aug	(48.62)	(132.93)	(846.81)
Sep	(55.57)	(140.01)	(874.96)
Oct	(62.52)	(147.09)	(903.12)
Nov	(69.46)	(154.17)	(931.27)
Dec	(76.41)	(161.25)	(959.43)
Annual Interest Charges	(752.77)	(1,467.67)	(6,921.49)

General Service 3,000 - 4,999 kW	2020	2021	2022
Jan	-	0.92	1.86
Feb	0.29	1.00	1.95
Mar	0.59	1.08	2.03
Apr	0.88	1.16	3.77
May	1.18	1.24	3.91
Jun	1.47	1.32	4.06
Jul	0.46	1.39	9.07
Aug	0.54	1.47	9.38
Sep	0.62	1.55	9.69
Oct	0.69	1.63	10.00
Nov	0.77	1.71	10.31
Dec	0.85	1.79	10.63
Annual Interest Charges	8.34	16.26	76.66

Large use - Regular	2020	2021	2022
Jan	-	102.16	206.25
Feb	32.56	110.84	215.19
Mar	65.12	119.51	224.12
Apr	97.68	128.19	417.04
May	130.24	136.86	433.03
Jun	162.80	145.53	449.02
Jul	51.08	154.21	1,002.96
Aug	59.59	162.88	1,037.44
Sep	68.11	171.56	1,071.92
Oct	76.62	180.23	1,106.41
Nov	85.14	188.90	1,140.89
Dec	93.65	197.58	1,175.37
Annual Interest Charges	922.60	1,798.44	8,479.65

Large Use - 3TS	2020	2021	2022
Jan	-	(17.60)	(35.54)
Feb	(5.61)	(19.09)	(37.08)
Mar	(11.22)	(20.59)	(38.62)
Apr	(16.82)	(22.08)	(71.87)
May	(22.43)	(23.58)	(74.62)
Jun	(28.04)	(25.07)	(77.38)
Jul	(8.80)	(26.57)	(172.85)
Aug	(10.26)	(28.06)	(178.79)
Sep	(11.73)	(29.56)	(184.74)
Oct	(13.20)	(31.05)	(190.69)
Nov	(14.66)	(32.55)	(196.64)
Dec	(16.13)	(34.04)	(202.58)
Annual Interest Charges	(158.90)	(309.83)	(1,461.39)

Large Use - Ford Annex	2020	2021	2022
Jan	-	2.25	4.55
Feb	0.72	2.44	4.74
Mar	1.44	2.63	4.94
Apr	2.15	2.83	9.19
May	2.87	3.02	9.55
Jun	3.59	3.21	9.90
Jul	1.13	3.40	22.11
Aug	1.31	3.59	22.87
Sep	1.50	3.78	23.63
Oct	1.69	3.97	24.39
Nov	1.88	4.16	25.15
Dec	2.06	4.36	25.91
Annual Interest Charges	20.34	39.65	186.96

Other	2020	2021	2022
Jan	-	-	-
Feb	-	-	-
Mar	-	-	-
Apr	-	-	-
May	-	-	-
Jun	-	-	-
Jul	-	-	-
Aug	-	-	-
Sep	-	-	-
Oct	-	-	-
Nov	-	-	-
Dec	-	-	-
Annual Interest Charges	-	-	-

LRAM Account Summary

		Lost Revenue in 2020 from 2020 programs and savings persisting in 2020	Lost Revenue in 2021 from savings persisting in 2021	Lost Revenue in 2022 from savings persisting in 2022	Lost Revenue in 2023 from savings persisting in 2023	Lost Revenue in 2024 from savings persisting in 2024	Lost Revenue in 2025 from savings persisting in 2025	Lost Revenue in 2026 from savings persisting in 2026	Lost Revenue in 2027 from savings persisting in 2027
Opening LRAM Balance		\$ -	\$ (4,621.04)	\$ (9,482.92)	\$ -	\$ -	\$ -	\$ -	\$ -
Residential	150680	-	-	-	-	-	-	-	-
General Service <50 kW	150682	(13,856.43)	(14,130.59)	(14,547.22)	(14,560.76)	(15,850.64)	(16,068.64)	(16,450.64)	(20,799.50)
General Service 50 - 4,999 kW	150683	(175,487.39)	(178,905.18)	(184,290.71)	(184,300.34)	(188,649.27)	(189,496.12)	(190,538.47)	(205,010.37)
General Service 3,000 - 4,999 kW	150684	1,944.28	1,981.22	2,040.65	2,040.60	1,941.63	1,941.63	1,922.06	1,597.47
Large use - Regular	150685	215,079.62	219,134.25	225,708.60	225,708.32	225,203.64	224,923.28	224,823.52	223,113.37
Large Use - 3TS	150686	(37,042.71)	(37,773.23)	(38,927.80)	(38,949.42)	(39,067.77)	(39,356.50)	(39,593.21)	(40,165.10)
Large Use - Ford Annex	-	4,741.60	4,831.65	4,976.56	4,976.43	4,735.07	4,735.07	4,687.35	3,895.77
Other	-	-	-	-	-	-	-	-	-
Incremental Annual LRAM		(4,621.04)	(4,861.88)	(5,039.93)	(5,085.17)	(11,687.34)	(13,321.28)	(15,149.40)	(37,368.35)
Ending LRAM Balance		\$ (4,621.04)	\$ (9,482.92)	\$ (14,522.85)	\$ (5,085.17)	\$ (11,687.34)	\$ (13,321.28)	\$ (15,149.40)	\$ (37,368.35)
Interest Charge Ending Balance	150681	\$ (19.82)	\$ (58.86)	\$ (245.02)	\$ -	\$ -	\$ -	\$ -	\$ -
Total LRAM & Interest Balance		\$ (4,640.86)	\$ (9,541.78)	\$ (14,767.87)	\$ (5,085.17)	\$ (11,687.34)	\$ (13,321.28)	\$ (15,149.40)	\$ (37,368.35)

2020 LRAMVA Target (Represents test year which is comparison for all subsequent years ie. 2021)

Table 3.1C
2020 Expected CDM Savings by Rate Class for LRAM Variance Account

2020 LRAMVA Targets		
	LRAMVA Target kWh	LRAMVA Target kW
Residential	1,598,201	
GS <50	2,729,585	
GS 50 - 4999 KW	36,301,095	91,978
Large Use - Regular	58,751,954	104,518
Large Use - 3TS	6,400,348	12,089
Total	105,781,183	208,585

Rate Class	Billing Unit	2020 Distribution Rate	2021 Distribution Rate	2022 Distribution Rate	LRAMVA Target kWh	LRAMVA Target kW	2020 LRAMVA Target (\$)	2021 LRAMVA Target (\$)	2022-2027 LRAMVA Target (\$)
Residential	kWh	-	-	-	1,598,201.00		\$ -	\$ -	\$ -
General Service <50 kW	kWh	0.0172	0.0175	0.0180	2,729,585.00		\$ 46,948.86	\$ 47,767.74	\$ 49,132.53
General Service 50 - 4,999 kW	kW	4.8056	4.8969	5.0438		91,978.00	\$ 442,009.48	\$ 450,407.07	\$ 463,918.64
Large use - Regular	kW	2.6921	2.7432	2.8255		104,518.00	\$ 281,372.91	\$ 286,713.78	\$ 295,315.61
Large Use - 3TS	kW	3.6647	3.7343	3.8463		12,089.00	\$ 44,302.56	\$ 45,143.95	\$ 46,497.92

Appendix H

Rate Class Allocation LRAM - 2020

Completion Year	(All)
Application included in 2018 or 2019 LRAM Claim?	#N/A
Program Name	(All)

Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% Allocation of kW	% Allocation of kWh
<50kW	71.854	308,769.465	0.43%	0.39%
>50kW	1,765.685	8,623,956.456	10.62%	10.86%
>5MW	14,697.997	69,985,837.994	88.38%	88.13%
>5MW (3TS)	95.413	494,395.515	0.57%	0.62%
Grand Total	16,630.950	79,412,959.430	100.00%	100.00% CHECK

Record Name: RR LDC Application and Facility
 Exported On: Feb 24, 2021 8:49 AM
 Filter Selections:

IESO Reporting Period Year: 2020

LDC Application ID	Application included in 2018 or 2019 LRAM Claim?	Lead LDC	Program Name	Acct Number	Rate Class	IESO Reporting Period	Project Completion Date	Completion Year	Total Gross Demand Savings (kW)	Total Gross Energy Savings (kWh)	Total Net Demand Savings (kW)	Total Net Energy Savings (kWh)
157097	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	February 2020	2017-02-06	2017	26.100	148,228.000	22.690	115,925.175
158530	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	September 2020	2016-07-04	2016	3.370	47,870.000	1.992	32,416.809
161914	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50kW	March 2020	2016-12-22	2016	2.576	10,147.800	1.522	6,871.930
163819	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	July 2020	2016-10-21	2016	8.910	37,858.000	5.265	25,636.841
163842	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	March 2020	2016-11-23	2016	-	12,138.000	-	8,219.662
164129	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	March 2020	2016-07-22	2016	4.600	2,705.000	2.718	1,831.783
164898	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	March 2020	2016-09-30	2016	20.310	117,435.000	12.002	79,525.131
168525	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50kW	February 2020	2017-01-13	2017	4.300	18,703.000	3.738	14,627.119
171464	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	February 2020	2017-03-30	2017	15.950	105,507.000	13.866	82,514.217
172171	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	February 2020	2017-03-31	2017	6.350	44,085.000	5.520	34,477.705
172640	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	February 2020	2017-05-26	2017	6.270	28,786.000	5.451	22,512.765
172916	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50kW	July 2020	2017-11-29	2017	7.910	37,595.000	6.877	29,402.049
172918	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	July 2020	2017-07-28	2017	6.370	29,281.000	5.538	22,899.891
172919	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	July 2020	2017-09-14	2017	10.050	47,487.000	8.737	37,138.319
172920	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	July 2020	2017-07-28	2017	12.580	58,282.000	10.937	45,580.801
172921	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	July 2020	2017-08-31	2017	11.830	51,350.000	10.285	40,159.469
172923	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50kW	July 2020	2017-06-30	2017	10.890	51,589.000	9.467	40,346.384
172927	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	July 2020	2017-06-30	2017	0.450	3,980.000	0.391	3,112.652
172998	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	September 2020	2017-06-30	2017	0.250	1,146.000	0.217	896.256
173093	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	July 2020	2017-07-28	2017	10.750	50,674.000	9.346	39,630.787
173097	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	February 2020	2017-09-29	2017	9.280	50,736.000	8.068	39,679.276
173098	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	February 2020	2017-11-30	2017	-	15,960.000	-	12,481.891
173099	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50kW	February 2020	2017-11-30	2017	1.160	8,232.000	1.008	6,438.028
173103	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5MW (3TS)	February 2020	2019-12-31	2019	109.750	632,160.000	95.413	494,395.515
173169	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	July 2020	2017-07-28	2017	5.560	33,370.000	4.834	26,097.789
173170	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	September 2020	2017-11-30	2017	10.720	54,438.000	9.320	42,574.511
173526	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50kW	July 2020	2017-04-30	2017	0.760	3,829.000	0.661	2,994.559
176689	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50kW	September 2020	2017-08-31	2017	15.600	48,310.000	13.562	37,781.966
176690	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	October 2020	2018-02-28	2018	41.630	120,676.000	36.192	94,377.489
176691	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	September 2020	2017-08-31	2017	10.660	33,501.000	9.267	26,200.241
177970	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	February 2020	2017-06-09	2017	0.310	1,433.000	0.270	1,120.711
178816	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	July 2020	2017-08-31	2017	0.400	9,438.000	0.348	7,381.209
181079	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50kW	September 2020	2017-08-11	2017	2.000	8,638.000	1.739	6,755.550
181600	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50kW	July 2020	2017-09-06	2017	1.070	4,748.000	0.930	3,713.284
181686	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	February 2020	2017-11-20	2017	20.900	99,744.000	18.170	78,007.128
181904	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50kW	March 2020	2018-05-09	2018	1.810	8,325.000	1.574	6,510.761
182851	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50kW	July 2020	2017-09-14	2017	3.200	2,108.000	2.782	1,648.611
183722	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	July 2020	2017-11-23	2017	2.500	7,451.000	2.173	5,827.229
185438	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	September 2020	2018-03-23	2018	4.200	19,278.000	3.651	15,076.811
185824	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5MW	July 2020	2017-11-30	2017	0.620	2,350.000	0.539	1,837.872
186125	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	March 2020	2017-11-27	2017	1.300	802.000	1.130	627.223
186578	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	July 2020	2017-12-15	2017	0.320	1,470.000	0.278	1,149.648
187447	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5MW	July 2020	2017-12-22	2017	-	2,919.000	-	2,282.872
188190	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	September 2020	2018-02-15	2018	14.610	67,187.000	12.701	52,545.165
188520	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50kW	March 2020	2018-01-30	2018	43.900	318,868.000	38.165	249,378.178

188637	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	September 2020	2018-06-22	2018	5.300	24,366.000	4.608	19,056.000
188823	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>5MW	July 2020	2018-01-31	2018	0.300	1,378.000	0.261	1,077.697
189557	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	July 2020	2020-12-31	2020	8.910	32,076.000	7.746	25,085.786
190007	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2019-02-22	2019	0.230	1,074.000	0.200	839.947
190385	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	September 2020	2018-07-27	2018	0.760	3,511.000	0.661	2,745.860
190564	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	<50kW	July 2020	2018-06-29	2018	0.680	5,970.000	0.591	4,668.978
191122	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	July 2020	2018-05-31	2018	1.590	13,931.000	1.382	10,895.064
191183	#N/A	TORONTO HYDRO-ELECTRIC SYSTEM	Save on Energy Retrofit Program	>50kW	September 2020	2018-08-30	2018	-	105,284.000	-	82,339.815
191322	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	July 2020	2018-05-30	2018	0.620	2,404.000	0.539	1,880.104
191680	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>5MW	July 2020	2018-05-30	2018	1.100	9,242.000	0.956	7,227.922
192292	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2018-05-11	2018	5.600	28,080.000	4.868	21,960.621
193165	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	March 2020	2019-07-12	2019	-	25,425.000	-	19,884.216
193276	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	<50kW	July 2020	2019-05-08	2019	5.300	25,579.000	4.608	20,004.655
194084	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2018-05-22	2018	-	9,828.000	-	7,686.217
194470	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2018-10-19	2018	-	90,384.000	-	70,686.921
194479	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	<50kW	March 2020	2019-02-15	2019	12.300	58,138.000	10.693	45,468.183
194826	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2018-12-19	2018	27.110	211,830.000	23.569	165,666.607
194920	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	March 2020	2018-09-14	2018	24.730	199,096.000	21.499	155,707.684
194930	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	March 2020	2018-08-16	2018	6.040	41,861.000	5.251	32,738.374
195285	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	July 2020	2018-08-30	2018	0.820	3,206.000	0.713	2,507.327
195496	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	July 2020	2018-09-03	2018	1.180	4,766.000	1.026	3,727.362
195501	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	July 2020	2018-09-03	2018	2.740	10,857.000	2.382	8,490.971
195589	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	July 2020	2018-09-10	2018	2.000	7,972.000	1.739	6,234.689
195678	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	<50kW	March 2020	2019-02-28	2019	9.350	76,101.000	8.129	59,516.567
195684	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	<50kW	March 2020	2019-02-28	2019	0.560	6,757.000	0.487	5,284.470
196082	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	<50kW	March 2020	2019-03-15	2019	3.200	16,217.000	2.782	12,682.884
196217	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2018-09-28	2018	-	5,951.000	-	4,654.119
196218	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2018-09-28	2018	-	12,999.000	-	10,166.172
196302	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2018-09-28	2018	3.300	17,813.000	2.869	13,931.073
196303	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2018-09-28	2018	6.330	32,371.000	5.503	25,316.498
196305	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2018-09-28	2018	-	1,751.000	-	1,369.411
196306	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2018-09-28	2018	3.130	16,054.000	2.721	12,555.406
196307	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	February 2020	2018-09-28	2018	5.740	30,187.000	4.990	23,608.449
196742	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	March 2020	2018-09-28	2018	-	11,718.000	-	9,164.336
196743	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	March 2020	2018-09-28	2018	-	7,119.000	-	5,567.580
196745	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	March 2020	2018-09-28	2018	-	12,742.000	-	9,965.179
197049	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	March 2020	2018-09-28	2018	-	14,238.000	-	11,135.161
197050	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	<50kW	March 2020	2018-09-28	2018	-	1,751.000	-	1,369.411
197052	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	March 2020	2018-09-28	2018	-	16,031.000	-	12,537.419
199237	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	<50kW	March 2020	2019-12-12	2019	0.200	931.000	0.174	728.110
199239	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	<50kW	March 2020	2019-11-07	2019	0.420	1,642.000	0.365	1,284.165
199252	#N/A	ALECTRA UTILITIES CORPORATION	Save on Energy Retrofit Program	>50kW	January 2020	2019-05-24	2019	9.670	44,423.000	8.407	34,742.046
199699	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	March 2020	2019-10-29	2019	18.150	66,693.000	15.779	52,158.821
199731	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	>50kW	September 2020	2019-10-24	2019	-	5,254.000	-	4,109.014
199785	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program	<50kW	March 2020	2019-11-07	2019	0.190	859.000	0.165	671.801
207284	#N/A	HYDRO ONE NETWORKS INC.	Save on Energy Retrofit Program	>50kW	August 2020	2020-12-31	2020	13.100	72,854.000	11.389	56,977.175
SCP-600900	#N/A	ENWIN UTILITIES LTD.	Save on Energy Process & Systems Upgrades Program	>50kW	May 2020	2019-08-01	2019	628.000	5,409,000.000	1,378.321	6,452,862.269
PI-601673	#N/A	ENWIN UTILITIES LTD.	Save on Energy Process & Systems Upgrades Program	>5MW	March 2020	2020-12-31	2020	6,696.000	58,654,000.000	14,696.241	69,973,411.630

Programs	2015	
	Combined Net-to-Gross Adjustment & Realization Rates - Energy (2017 Verified 2015 Adjustments)	Combined Net-to-Gross Adjustment & Realization Rates - Demand (2017 Verified 2015 Adjustments)
Save on Energy Coupon Program		
Save on Energy Instant Discount Program		
Save on Energy Heating & Cooling Program		
Save on Energy New Construction Program		
Save on Energy Home Assistance Program		
Save on Energy Audit Funding Program		
Save on Energy Retrofit Program		
Save on Energy Small Business Lighting Program		
Save on Energy High Performance New Construction Program		
Save on Energy Existing Building Commissioning Program		
Save on Energy Business Refrigeration Incentive Program		
Save on Energy Process & Systems Upgrades Program		
Save on Energy Energy Manager Program		
Save on Energy Monitoring & Targeting Program		
Save on Energy Retrofit Program - P4P		
Save on Energy Process & Systems Upgrades Program - P4P		
Adaptive Thermostat Local Program		
Business Refrigeration Incentives Local Program		
Conservation on the Coast Home Assistance Local Program		
Conservation on the Coast Small Business Lighting Local Program		
First Nations Conservation Local Program		
High Efficiency Agricultural Pumping Local Program		
Instant Savings Local Program		
OPSaver Local Program		
Pool Saver Local Program		
PUMPSaver Local Program		
RTUsaver Local Program		
Social Benchmarking Local Program		
Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program		
Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program		
Block Heater Timer LDC Innovation Fund Pilot Program		
Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program		
Conservation Cultivator LDC Innovation Fund Pilot Program		
Data Centre LDC Innovation Fund Pilot Program		
Electronics Take Back LDC Innovation Fund Pilot Program		
Energy Reinvestment LDC Innovation Fund Pilot Program		
Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program		
Hotel/Motel LDC Innovation Fund Pilot Program		
Intelligent Air Technology LDC Innovation Fund Pilot Program		
OPSaver LDC Innovation Fund Pilot Program		
PUMPSaver LDC Innovation Fund Pilot Program		
Residential Direct Install LDC Innovation Fund Pilot Program		
Residential Direct Mail LDC Innovation Fund Pilot Program		
Residential Ductless Heat Pump LDC Innovation Fund Pilot Program		
Retrocommissioning LDC Innovation Fund Pilot Program		
RTUsaver LDC Innovation Fund Pilot Program		
Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program		
Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program		
Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program		
Truckload Event LDC Innovation Fund Pilot Program		
Industrial Accelerator Program		
Save on Energy Energy Performance Program for Multi-Site Customers		
Whole Home Pilot Program		
Save on Energy Retrofit Program Enabled Savings		
Save on Energy High Performance New Construction Program Enabled Savings		
Save on Energy Process & Systems Upgrades Program Enabled Savings		
Non-Approved Program		
Unassigned Program		

Net-to-Gross Adjustment - Energy															Net-to-Gross Adjustment - Energy				
Forecasted (%)							Verified (%)									Comparison (%)			
2015	2016	2017	2018	2019	2020	Total	2015 Verified Results	2016 Verified Results Adjustments	2017 Verified Results Adjustments	Total Verified 2015 Results	2016 Verified Results	2017 Verified Results Adjustments	Total Verified 2016 Results	2017 Verified Results		Total	Total Verified 2015 Results	Total Verified 2016 Results	2017 Verified Results
	164	164	164	164	164						150	150	150	129			-14	-35	
														133					
		100	100	100	100									100				-	
	86	86	86	86	86						69	69	69				-17		
	67	69	69	69	69			59		59	74	74	74	90			8	20	
		89	89	89	89									90				1	
	87	87	85	86	71									100				13	
	75	75	75	75	75						86	86	86	72			11	-3	
		90																	
	77											100	100			23			
	71		71	71	71						122		122			51			
														75					
														90					

Realization Rate - Energy								
Verified (%)								
2015 Verified 2015 Results	2016 Verified 2015 Results Adjustments	2017 Verified 2015 Results Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results Adjustments	Total Verified 2016 Results	2017 Verified 2017 Results	Total
				164	176	165	273	
							88	
							55	
	96		96	105	100	2,100	87	
					91	102	87	
							119	
				98	97	98	95	
					19	19		
				24		24		
							100	
							77	

Realization Rate - Energy

Realization Rate - Peak Demand								
Verified (%)								
2015 Verified 2015 Results	2016 Verified 2015 Results Adjustments	2017 Verified 2015 Results Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results Adjustments	Total Verified 2016 Results	2017 Verified 2017 Results	Total
				162	176	163	279	
							88	
							24	
	93		93	91	100	1,767	78	
					80	87	68	
							219	
				99		99	129	
					52	52		
				49		49		

Realization Rate - Peak Demand

Appendix I

Rate Class Allocation LRAM - 2021

Program Name	SAVE ON ENERGY RETROFIT PROGRAM
Project Completion Year	(All)
Apps included in 2018-2020 LRAM?	#N/A

Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)
<50kW	59.37	329,275.02
>50kW	741.58	3,639,884.19
>5MW	202.26	976,802.63
Grand Total	1,003.21	4,945,961.84

% kW Allocation	% kWh Allocation
5.92%	6.66%
73.92%	73.59%
20.16%	19.75%
100.00%	100.00% CHECK

Record Name: RR LDC Application and Facility
 Exported On: Feb 14, 2022 11:37 AM
 Filter Selections

IESO Reporting Period Year: 2021

LDC Application ID	Apps included in 2018-2020 LRAM?	Account Number	Rate Class	Lead LDC	Program Name	IESO Reporting Period	Project Completion Date	Project Completion Year	Total Demand Savings (kW)	Total Net Demand Savings (kW)	Total Energy Savings (kWh)	Total Net Energy Savings (kWh)
147916	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2016-01-01	2016	7.5	4.432	2,590	1,753.907
149286	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	April 2021	2016-03-21	2016	0	0.000	163,170	110,496.152
154397	#N/A		<50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2016-03-11	2016	77.4	45.740	352,780	238,897.055
155595	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	August 2021	2016-06-10	2016	0.67	0.396	2,686	1,818.917
171390	#N/A		>5MW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2019-05-01	2019	9.2	7.998	32,110	25,112.377
172073	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2017-05-26	2017	1.47	1.278	6,736	5,268.046
172190	#N/A		>5MW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-06-30	2018	0.7	0.609	2,314	1,809.718
172193	#N/A		>5MW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-06-30	2018	40.2	34.949	130,242	101,858.803
172194	#N/A		>5MW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-06-23	2018	44.3	38.513	226,464	177,111.469
172246	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	August 2021	2018-06-30	2018	166.4	144.663	544,661	425,964.875
172915	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	April 2021	2017-07-31	2017	29.86	25.959	142,818	111,694.158
172999	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2017-06-29	2017	2.43	2.113	11,179	8,742.798
177224	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-12-01	2018	72.2	62.768	461,137	360,642.978
178677	#N/A		<50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2017-09-01	2017	1.15	1.000	5,284	4,132.476
178947	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2017-09-01	2017	0	0.000	9,340	7,304.565
178961	#N/A		<50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2017-09-01	2017	1.2	1.043	4,826	3,774.286
179257	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	August 2021	2017-08-31	2017	2.47	2.147	9,202	7,196.639
179372	#N/A		>5MW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-08-31	2018	34.26	29.785	8,943	6,994.082
179684	#N/A		<50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	August 2021	2017-09-28	2017	0.7	0.609	3,113	2,434.594
180733	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	November 2021	2017-08-31	2017	0.64	0.556	2,941	2,300.078
182684	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	August 2021	2017-12-15	2017	0	0.000	75,553	59,087.991
184358	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-01-31	2018	18.61	16.179	85,498	66,865.711
184362	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	August 2021	2017-12-22	2017	20.31	17.657	93,309	72,974.486
185439	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	April 2021	2018-01-26	2018	2.41	2.095	11,072	8,659.117
185441	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-06-15	2018	21.93	19.065	100,762	78,803.279
185442	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-03-23	2018	12.24	10.641	56,222	43,969.730
185523	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2017-12-22	2017	14.48	12.588	66,506	52,012.573
185900	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-02-27	2018	0.99	0.861	8,707	6,809.513
186077	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2017-12-20	2017	0	0.000	76,426	59,770.741
188633	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	November 2021	2019-08-23	2019	12.32	10.711	56,616	44,277.867
188635	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	November 2021	2018-07-31	2018	12.71	11.050	58,408	45,679.343
188768	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	April 2021	2018-07-27	2018	69.48	60.404	270,194	211,311.538
188770	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	November 2021	2018-08-31	2018	41.98	36.496	176,314	137,890.488
189285	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	August 2021	2019-03-25	2019	9.56	8.311	76,317	59,685.495
189345	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-08-31	2018	4.39	3.817	18,751	14,664.658
189510	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	August 2021	2018-06-29	2018	45.15	39.252	198,530	155,265.030
189842	#N/A		<50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	August 2021	2018-11-30	2018	1.84	1.600	6,808	5,324.356
190157	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	April 2021	2018-03-30	2018	2.05	1.782	8,767	6,856.437
190159	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	November 2021	2018-03-30	2018	4.7	4.086	19,811	15,493.656
190199	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	August 2021	2018-03-30	2018	3.91	3.399	16,320	12,763.438
191123	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-04-27	2018	0.77	0.669	6,717	5,253.187
192035	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2020-07-31	2020	21.7	18.865	81,728	63,917.294
193521	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2019-04-15	2019	0	0.000	36,499	28,544.897
193541	#N/A		>50kW	TORONTO HYDRO-ELECTRIC SYSTEM	SAVE ON ENERGY RETROFIT PROGRAM	April 2021	2018-10-11	2018	24.7	21.473	211,153	165,137.143
193568	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	April 2021	2018-06-15	2018	2.15	1.869	9,889	7,733.924
193856	#N/A		>5MW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2019-02-22	2019	14.7	12.780	49,117	38,413.099
194447	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-08-10	2018	16.1	13.997	91,849	71,832.659
195474	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-10-22	2018	71.5	62.160	626,410	489,898.593
195483	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	August 2021	2018-06-25	2018	0.19	0.165	859	671.801
195878	#N/A		>5MW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2019-10-04	2019	57.8	50.249	366,815	286,876.251
196384	#N/A		>5MW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2019-07-01	2019	13.65	11.867	354,704	277,404.560
196423	#N/A		>5MW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2019-07-01	2019	17.84	15.510	78,282	61,222.269
196482	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-08-31	2018	8.33	7.242	72,971	57,068.677
198306	#N/A		<50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-12-21	2018	0	0.000	52,096	40,742.895
199141	#N/A		<50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2019-12-02	2019	10.79	9.380	43,435	33,969.358
199584	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2018-11-20	2018	41.7	36.253	365,236	285,641.357
199730	#N/A		>50kW	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	January 2021	2019-10-24	2019	87.63	76.183	342,884	268,160.453

Programs	2015	
	Combined Net-to-Gross Adjustment & Realization Rates - Energy (2017 Verified 2015 Adjustments)	Combined Net-to-Gross Adjustment & Realization Rates - Demand (2017 Verified 2015 Adjustments)
Save on Energy Coupon Program		
Save on Energy Instant Discount Program		
Save on Energy Heating & Cooling Program		
Save on Energy New Construction Program		
Save on Energy Home Assistance Program		
Save on Energy Audit Funding Program		
Save on Energy Retrofit Program		
Save on Energy Small Business Lighting Program		
Save on Energy High Performance New Construction Program		
Save on Energy Existing Building Commissioning Program		
Save on Energy Business Refrigeration Incentive Program		
Save on Energy Process & Systems Upgrades Program		
Save on Energy Energy Manager Program		
Save on Energy Monitoring & Targeting Program		
Save on Energy Retrofit Program - P4P		
Save on Energy Process & Systems Upgrades Program - P4P		
Adaptive Thermostat Local Program		
Business Refrigeration Incentives Local Program		
Conservation on the Coast Home Assistance Local Program		
Conservation on the Coast Small Business Lighting Local Program		
First Nations Conservation Local Program		
High Efficiency Agricultural Pumping Local Program		
Instant Savings Local Program		
OPSaver Local Program		
Pool Saver Local Program		
PUMPsaver Local Program		
RTUsaver Local Program		
Social Benchmarking Local Program		
Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program		
Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program		
Block Heater Timer LDC Innovation Fund Pilot Program		
Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program		
Conservation Cultivator LDC Innovation Fund Pilot Program		
Data Centre LDC Innovation Fund Pilot Program		
Electronics Take Back LDC Innovation Fund Pilot Program		
Energy Reinvestment LDC Innovation Fund Pilot Program		
Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program		
Hotel/Motel LDC Innovation Fund Pilot Program		
Intelligent Air Technology LDC Innovation Fund Pilot Program		
OPSaver LDC Innovation Fund Pilot Program		
PUMPsaver LDC Innovation Fund Pilot Program		
Residential Direct Install LDC Innovation Fund Pilot Program		
Residential Direct Mail LDC Innovation Fund Pilot Program		
Residential Ductless Heat Pump LDC Innovation Fund Pilot Program		
Retrocommissioning LDC Innovation Fund Pilot Program		
RTUsaver LDC Innovation Fund Pilot Program		
Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program		
Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program		
Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program		
Truckload Event LDC Innovation Fund Pilot Program		
Industrial Accelerator Program		
Save on Energy Energy Performance Program for Multi-Site Customers		
Whole Home Pilot Program		
Save on Energy Retrofit Program Enabled Savings		
Save on Energy High Performance New Construction Program Enabled Savings		
Save on Energy Process & Systems Upgrades Program Enabled Savings		
Non-Approved Program		
Unassigned Program		

2016		2017	
Combined Net-to-Gross Adjustment & Realization Rates - Energy (2017 Verified 2016 Adjustments)	Combined Net-to-Gross Adjustment & Realization Rates - Demand (2017 Verified 2016 Adjustments)	Combined Net-to-Gross Adjustment & Realization Rates - Energy (2020, 2019 Results / 2018, 2017 Adjustments)	Combined Net-to-Gross Adjustment & Realization Rates - Demand (2020, 2019 Results / 2018, 2017 Adjustments)
2.63	2.65	3.52	3.60
		1.17	1.19
		0.55	0.24
0.69	0.67		
0.68	0.59	0.78	0.87
		0.78	0.61
		1.19	2.19
0.84		0.68	0.94
0.194403797	0.524590164		
		0.75	
		0.69	

Appendix J

2023 IRM Checklist

2023 IRM Checklist

ENWIN Utilities Ltd.

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Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
3.1.2 Components of the Application Filing		
2	Manager's summary documenting and explaining all rate adjustments requested	Application; Manager's Summary
2	Contact info - primary contact may be a person within the distributor's organization other than the primary license contact	Application, p.6
3	Completed Rate Generator Model and supplementary work forms in Excel format	Appendix B
3	Current tariff sheet, PDF	Appendix A
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	Application, p.6
3	Distributor's internet address	Application, p.6; Manager's Summary, p.8
3	Statement confirming accuracy of billing determinants pre-populated in model	Manager's Summary, p.8
3	Text searchable PDF format for all documents	Yes
3	2023 IRM Checklist	Appendix J
3	Include a certification by a senior officer that the evidence filed, including the models and appendices, is accurate, consistent and complete to the best of their knowledge, a certification that the distributor has processes and internal controls in place for the preparation, review, verification and oversight of account balances being disposed, as well as a certification regarding personal information	Appendix K
3.1.3 Applications and Electronic Models		
4	Confirm the accuracy of the data. If a distributor has revised any RRR data after it has been incorporated into the model, this change should be disclosed in the application	Manager's Summary, p.8 2023 IRM Rate Generator Model, Tabs 2 and 4
4	File the GA Analysis Workform.	Appendix E
4	A distributor seeking a revenue-to-cost ratio adjustment due to a previous OEB decision must continue to file the OEB's Revenue-to-Cost Ratio Adjustment Workform in addition to the Rate Generator model.	N/A
4	For an Incremental or Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module applicable to ACM and ICM.	N/A
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform.	Appendix F
5	The models and workforms be used by all distributors. If a distributor makes any changes to OEB models or workforms to address its own circumstances, it must justify such changes in the manager's summary.	Appendix B; Appendix E; Appendix F
3.2.2 Revenue to Cost Ratio Adjustments		
6 - 7	Revenue to Cost Ratio Adjustment Workform, if distributor is seeking revenue to cost ratio adjustments due to previous OEB decision	N/A
3.2.3 Rate Design for Residential Electricity Customers		
Applicable only to distributors that have not completed the residential rate design transition		
7	A plan to mitigate the impact for the whole residential class or indicate why such a plan is not required, if the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile	N/A
7	Mitigation plan if total bill increases for any customer class exceed 10%	N/A
3.2.4 Electricity Distribution Retail Transmission Service Rates		
No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB		
3.2.5 Review and Disposition of Group 1 DVA Balances		
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	Yes
9	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	Manager's Summary, pp. 13-14
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"	Manager's Summary, p.12
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	Manager's Summary, pp.14, 17, 23; 2023 IRM Rate Generator Model, Tabs 6.1 and 7
3.2.5.1 Wholesale Market Participants		
10	Separate rate riders established to recover balances in RSVAs from Wholesale Market Participants, who must not be allocated balances related to charges for which WMPs settle directly with the IESO	Manager's Summary, pp.14-15; 2023 IRM Rate Generator Model, Tab 7
3.2.5.3 Commodity Accounts 1588 and 1589		
11	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	Manager's Summary, p.15
11	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	N/A
11 - 12, 4	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
3.2.5.4 Capacity Based Recovery (CBR)		
12	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	Manager's Summary, pp.17-18; 2023 IRM Rate Generator Model, Tabs 1, 6.2a, 6.2
3.2.5.5 Disposition of Account 1595		
14	Confirmation that residual balances in Account 1595 Sub-accounts for each vintage year have only been disposed once	Manager's Summary, pp.18-19
14	Detailed explanations provided for any significant residual balances attributable to specific rate riders for each customer rate class, including for example, differences between forecast and actual volumes	N/A
3.2.6 Lost Revenue Adjustment Mechanism Variance Account		
15	The 2021 CDM Guidelines require distributors filing an application for 2023 rates to seek disposition of all outstanding LRAMVA balances related to previously established LRAMVA thresholds	Manager's Summary, pp.19-20
17	Completed latest version of LRAMVA Workform in a working Excel file when making LRAMVA requests for remaining amounts related to CFF activity	Appendix F
17	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 for the period of January 1, 2018 to April 15, 2019. These reports should be filed in Excel format, similar to the previous Final Verified Annual Reports from 2015 to 2017. To support savings claims for projects completed after April 15, 2019, distributors should provide similar supporting evidence	Appendix H; Appendix I
17	File other supporting evidence with an explanation and rationale should be provided to justify the eligibility of any other savings from a program delivered by a distributor through the Local Program Fund that was part of the Interim Framework after April 15, 2019.	N/A

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Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
17	Meet the OEB's requirements related to personal information and commercially sensitive information as stated in the Filing Requirements	Manager's Summary, pp.24-25
18	Statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition	Manager's Summary, p.21
18	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	Manager's Summary, pp.23-24
18	Summary table with principal and carrying charges by rate class and resulting rate riders	Manager's Summary, p.22 (Table 6) and p.23 (Table 7)
18	Statement confirming the period of rate recovery	Manager's Summary, p.22
18	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	Manager's Summary, p.22
18	File details related to the approved CDM forecast savings from the distributor's last rebasing application	Manager's Summary, pp.23-24
18	Rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form)	Manager's Summary, p.25; LRAMVA Workform, Tab 9
18	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)	Appendix H; Appendix I
18	File in support of a previous LRAMVA application, distributors should provide Participation and Cost Reports and detailed project level savings files made available by the IESO and/or other supporting evidence to support the clearance of energy- and/or demand-related LRAMVA balances where final verified results from the IESO are not available. These reports should be filed in Excel format, similar to the previous Final Verified Annual Reports from 2015 to 2017	Appendix H; Appendix I
18 - 19	<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"> o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS application o Confirmation that the street light upgrades represent incremental savings attributable to participation in the IESO program, and that any savings not attributable to the IESO program have been removed (for example, other upgrades under normal asset management plans) o Confirmation that the associated energy savings from the applicable IESO program have been removed from the LRAMVA workform so as not to double count savings (for example, if requesting lost revenue recovery for the demand savings from a street light upgrade program, the associated energy savings from the Retrofit program have been subtracted from the Retrofit total) o Confirmation that the distributor has received reports from the participating municipality that validate the number and type of bulbs replaced or retrofitted through the IESO program o A table, in live excel format, that shows the monthly breakdown of billed demand over the period of the street light upgrade project, and the detailed calculations of the change in billed demand due to the street light upgrade project (including data on number of bulbs, type of bulb replaced or retrofitted, average demand per bulb) 	N/A
19	<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"> o The third party evaluation report that describes the methodology to calculate the demand savings achieved for the program year. In particular, if the proposed methodology is different than the evaluation approaches used by the IESO, an explanation must be provided explaining why the proposed approach is more appropriate o Rationale for net-to-gross assumptions used o Breakdown of billed demand and detailed level calculations in live excel format 	Appendix H; Appendix I Manager's Summary, pp.24-25
19 - 20	<p>For program savings for projects completed after April 15, 2019, distributors should provide the following:</p> <ul style="list-style-type: none"> o Related to CFF programs: an explanation must be provided as to how savings have been estimated based on the available data (i.e. IESO's Participation and Cost Reports) and/or rationale to justify the eligibility of the program savings. o Related to programs delivered by the distributor through the Local Program Fund under the Interim CDM Framework: an explanation and rationale should be provided to justify the eligibility of the additional program savings. 	Appendix H; Appendix I Manager's Summary, pp.24-25
3.2.6.2 Continuing Use of the LRAMVA for New CDM Activities		
20	Statement whether it is requesting an LRAMVA for one or more of these activities, if this request has not been addressed in a previous application.	Manager's Summary, p.21
3.2.7 Tax Changes		
21	Tabs 8 and 9 of Rate Generator model are completed, if applicable	Yes
21	If a rate rider to the fourth decimal place is not generated for one or more customer classes, the entire sharing tax amount is transferred to Account 1595 for disposition at a future date	N/A
3.2.8. Z-Factor Claims		
21	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
21	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
3.2.8.1 Z-Factor Filing Guidelines		
22	Evidence that costs incurred meet criteria of causation, materiality and prudence	N/A
22	<p>In addition, the distributor must:</p> <ul style="list-style-type: none"> - Notify OEB by letter of all Z-Factor events within 6 months of event - Apply to OEB for any cost recovery of amounts in the OEB-approved deferral account claimed under Z-Factor treatment - Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental - Demonstrate that costs incurred within a 12-month period and are incremental to those already being recovered in rates as part of ongoing business exposure risk - Provide the distributor's achieved regulatory ROE for the most recently completed fiscal year 	N/A
3.2.8.2 Recovery of Z-Factor Costs		
22	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	N/A
22	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rationale for proposal	N/A
22	Residential rate rider to be proposed on fixed basis	N/A
22	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	N/A
3.2.9 Off-Ramps		
22 - 23	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
23	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.	Manager's Summary, p.8
3.3.1 Advanced Capital Module		
4	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	N/A

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Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
24	Evidence of passing "Means Test"	N/A
24	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
3.3.2 Incremental Capital Module		
25	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required	N/A
25	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
26	Evidence of passing "Means Test"	N/A
3.3.2.1 ICM Filing Requirements		
	The following should be provided when filing for incremental capital:	
4	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	N/A
26	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
27	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
27	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
27	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
27	Details by project for the proposed capital spending plan for the expected in-service year	N/A
27	Description of the proposed capital projects and expected in-service dates	N/A
27	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	N/A
27	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
27	Description of the actions the distributor would take in the event that the OEB does not approve the application	N/A
27	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	N/A
3.3.2.3 ICM Filing Requirements		
28	Calculate the maximum allowable capital amount	N/A
3.3.2.6 ACM/ICM Accounting Treatment		
30	Record eligible ICM amounts in Account 1508 - Other Regulatory Asset, Sub-Account Incremental Capital Expenditures, subject to assets being and useful	N/A
30	Record actual amounts in the appropriate sub-accounts of Account 1508 – Other Regulatory Assets in accordance with the OEB's APH Guidance	N/A
30	The applicable rate of interest for deferral and variance accounts for the respective quarterly period is prescribed by the OEB and published on the OEB's website	N/A
30	At the time of the subsequent rebasing application, a distributor is required to provide the funding true-up calculation, if material, comparing the recalculated revenue requirement based on actual capital spending relating to the OEB-approved ACM/ICM project(s) to the rate rider revenues collected in the same period. Distributors should note assumptions used in the calculation (e.g. half-year rule). If the OEB determines that a true-up of variances is required, the variance will be refunded to (or collected from) customers through a rate rider	N/A

Appendix K


Certification of Evidence

Certification of Evidence

As part of Chapter 1 of the Filing Requirements issued on April 18, 2022, an application filed with the Ontario Energy Board (“OEB”) must include the following certifications:

- A certification by a senior officer of the distributor stating that the application and any evidence filed in support of the application does not include any personal information (as that phrase is defined in the *Freedom of Information and Protection of Privacy Act*) unless it is filed in accordance with Rule 9A of the OEB’s Rules of Practice and Procedure and the OEB’s Practice Direction on Confidential Filings, as applicable;
- A certification by a senior officer of the distributor that the evidence filed is accurate, consistent and complete to the best of their knowledge; and
- A certification by the Chief Executive Officer, or Chief Financial Officer, or equivalent, that the distributor has the appropriate processes and internal controls for the preparation, review, verification and oversight of all deferral and variance accounts, regardless of whether the accounts are proposed for disposition.

I, Helga Reidel, President and CEO of ENWIN Utilities Ltd. (“ENWIN”) certify that to the best of my knowledge, ENWIN’s 2023 IRM Rate Application and supporting evidence does not include any personal information that has not been filed in accordance with Rule 9A of the OEB’s Rules of Practice and Procedure and the OEB’s Practice Direction on Confidential Filings. I also certify that ENWIN has robust processes and internal controls in place for the preparation, review, verification, and oversight of the account balances being disposed. The evidence filed is accurate, consistent, and complete to the best of my knowledge.



Helga Reidel
President & CEO

7/28/22

Date