



August 17, 2020

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

Dear Ms. Long,

**Re: ENWIN Utilities Ltd.
2021 IRM Rate Application
EB-2020-0017**

Please find enclosed ENWIN Utilities Ltd.'s ("ENWIN") 2021 Rate Application ("Application") under the Price Cap IR pursuant to the Board's 4th Generation Incentive Rate-Setting Mechanism. The Application is being submitted electronically through the Ontario Energy Board'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;
- 2020 Tariff of Rates and Charges as approved in EB-2019-0032;
- 2021 IRM Rate Generator Model;
- 2021 GA Analysis Work Form (2019);
- 2021 LRAMVA Workform (2019) and supporting evidence;
- 2021 Proposed Tariff of Rates and Charges;
- 2021 Proposed Bill Impacts; and
- Certification of Evidence.

All correspondence related to this Application should be addressed to:

Mr. Paul Gleason
Director, Regulatory Affairs & Corporate Secretary
P.O. Box 1625, Station "A"
4545 Rhodes Drive
Windsor, ON N8W 5T1

(519) 255-2888 ext. 325
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 "Paul J. Gleason". The signature is stylized with a large, loopy initial "P" and a series of vertical strokes for the letters "Gleason".

Paul J. Gleason, BA, LL.M.
Director, Regulatory Affairs & Corporate Secretary



ENWIN UTILITIES LTD.

2021 IRM RATE APPLICATION

EB-2020-0017

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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, 2021.

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, 2021, including the disposition of amounts accumulated in certain deferral and variance accounts.
2. This Application, pre-assigned Board file number EB-2020-0017, proposes the first 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).
3. The Applicant has followed the Board’s *Chapter 3 Filing Requirements for Electricity Distribution Rate Applications – 2020 Edition for 2021 Rate Applications* (the “Filing Requirements”), issued on May 14, 2020.
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, 2021;
 - 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. Approval of the proposed adjustment to the microFIT Service Charge effective January 1, 2021 in accordance with the Board's February 24, 2020 letter, *Review of Fixed Monthly Charge for microFIT Generator Service Classification*;
- e. The continuation of Specific Service Charges, Retail Services Charges and Other Charges as approved in EB-2019-0032, subject to required inflationary increases for the Wireline Pole Attachment Charge and Retail Service Charges, or any subsequent requirements to update these charges after the filing of this Application;
- f. The continuation of Allowances and Loss Factors as approved in EB-2019-0032;
- g. Disposition of the December 31, 2019 balances in its Group 1 Deferral and Variance Accounts (excluding Account 1595) in the amount of (\$842,277) and the related class-specific rate riders effective for a 12 month period until December 31, 2021;
- h. A rate rider for Global Adjustment disposition applicable only for Non-RPP Class B customers effective for a 12 month period until December 31, 2021. In addition, the Applicant is seeking approval of 12 equal monthly payments for the contribution of 7 customers who transitioned between Class A and Class B during the accumulation of the Account 1589 – RSVA Global Adjustment balance;
- i. On the grounds that the allocated Account 1580 sub-account Capacity Based Recovery ("CBR") Class B amount of (\$135,963) 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 Wholesale Market Service to be disposed of through the general purpose Group 1 Deferral and Variance Account rate riders effective until December 31, 2021;
- j. The continuation of the rate riders pertaining to the disposition of Account 1575 as approved in EB-2019-0032; and
- k. Disposition of the December 31, 2019 balance in its Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA") in the amount of \$1,191,720 and the related class-specific rate riders effective for a 12 month period until December 31, 2021.

5. The Applicant has utilized the rate model posted on the Board's website on July 14, 2020, which is the current version as of the date on which this Application is filed. Board Staff has provided the Applicant with certain amendments to the standard Board models in order 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, 2021, the Applicant requests that the OEB issue an Interim Rate Order declaring its current Tariff of Rates and Charges as interim until the implementation date of the approved 2021 distribution rates. In the event that the effective date does not coincide with the Board's decided implementation date for 2021 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;
 - 2020 Tariff Sheet as provided in the 2020 Final Rate Order (EB-2019-0032);
 - 2021 IRM Rate Generator Model;
 - 2021 GA Analysis Work Form (2019);
 - 2021 LRAMVA Work Form (2019);
 - 2021 Proposed Tariff Sheet;
 - 2021 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. 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 and has an average circulation of approximately 49,312 per day.¹ In addition, the Application will be posted on the Applicant's website at <https://enwin.com/regulatory-information>.

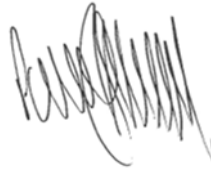
10. The Applicant requests that copies of all documents filed with the Board by any party be served on the Applicant, as follows:

ENWIN Utilities Ltd.
4545 Rhodes Drive
P.O. Box 1625, Station A
Windsor, Ontario
N8W 5T1
Attention: Mr. Paul J. Gleason
Director, Regulatory Affairs & Corporate Secretary

Telephone: (519) 255-2888 ext 325
Fax: (519) 973-7812
Email: regulatory@enwin.com

DATED at Windsor, Ontario, this 17th day of August, 2020.

ENWIN UTILITIES LTD.



Paul J. Gleason
Director, Regulatory Affairs & Corporate
Secretary

¹ <https://nmc-mic.ca/about-newspapers/circulation/daily-newspapers/>

Manager's Summary

Overview

ENWIN Utilities Ltd. (“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.

This Application proposes the first annual adjustment to the distribution rates established in the 2020 Cost of Service Application. ENWIN is seeking approval for distribution rates effective January 1, 2021 under the Board’s 4th Generation Incentive Rate-Setting Mechanism (“Price Cap IR”).²

ENWIN has followed the OEB’s *Chapter 3 Filing Requirements for Electricity Distribution Rate Applications – 2020 Edition for 2021 Rate Applications* (the “Filing Requirements”), issued on May 14, 2020. All rate adjustments sought have been determined using the 2021 IRM Rate Generator Model, as issued by the Board, or pursuant to other Board directives, as applicable.

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

2021 IRM Rate Generator Model

ENWIN has included at **Appendix ‘A’** a copy of its 2020 Tariff of Rates and Charges from EB-2019-0032, which was issued in its final form on December 5, 2019. The rates and charges set out in that tariff form the starting point from which the proposed 2021 rates and charges have been

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

calculated using the Board's 2021 IRM Rate Generator Model.

ENWIN has completed the 2021 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 2021 IRM Rate Generator Model by Ontario Energy Board Staff ("Board Staff"). ENWIN notes that as of January 1, 2020, ENWIN's General Service 3,000 – 4,999 kW rate class has been consolidated with the General Service 50 – 4,999 kW rate class, and the Large Use – Ford Annex rate class has been consolidated with the Large Use – 3TS rate class. As such, the 2019 billing determinants for the stand-alone rate classes have respectively been added together in the 2021 IRM Rate Generator Model, as the classes are now combined.

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 2021 IRM Rate Generator Model is 1.7%. This calculation is based on an inflationary price escalator of 2.0%, a productivity factor of 0.0% and a stretch factor of 0.3%. The preliminary inflation factor is based on the Board's approved inflationary adjustment for rates effective in 2020, issued October 31, 2019. 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 3 in the Board's 2019 Benchmarking Update for Determination of 2020 Stretch Factor Rankings.

ENWIN acknowledges that Board Staff will adjust the 2021 IRM Rate Generator Model for the final 2021 Price Cap adjustment figures once the figures are available.

Revenue-to-Cost Ratio Adjustments

The Revenue-to-Cost Ratios approved by the Board in ENWIN's 2020 Cost of Service Application (EB-2019-0032) were within the Board's target ranges³; therefore, ENWIN is not applying for any adjustments to its Revenue-to-Cost Ratios in this Application.

Summary of Proposed 2021 Distribution Rates

Table 1 below provides a summary of ENWIN's 2020 approved distribution rates, and its proposed 2021 distribution rates, calculated using the 2021 IRM Rate Generator Model. ENWIN acknowledges the proposed 2021 distribution rates are subject to change based on the finalization of the Price Cap adjustment figures subsequent to the filing of this Application.

Table 1 – Summary of 2020 Board Approved and Proposed 2021 Distribution Rates

Rate Class	Volumetric Charge Determinant	Effective January 1, 2020 EB-2019-0032		Proposed January 1, 2021 EB-2020-0017	
		Monthly Service Charge	Volumetric Charge	Monthly Service Charge	Volumetric Charge
Residential	kWh	\$ 26.25	\$ -	\$ 26.70	\$ -
GS < 50 kW	kWh	\$ 27.29	\$ 0.0172	\$ 27.75	\$ 0.0175
GS 50 - 4999 kW	kW	\$ 107.93	\$ 4.8056	\$ 109.76	\$ 4.8873
Large Use - Regular	kW	\$ 9,072.46	\$ 2.6921	\$ 9,226.69	\$ 2.7379
Large Use - 3TS	kW	\$ 38,504.89	\$ 3.6647	\$ 39,159.47	\$ 3.7270
Unmetered	kWh	\$ 11.11	\$ -	\$ 11.30	\$ -
Sentinel	kW	\$ 12.44	\$ -	\$ 12.65	\$ -
Street Light	kW	\$ 5.27	\$ -	\$ 5.36	\$ -
MicroFIT	-	\$ 5.40	\$ -	\$ 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*

³ EB-2019-0032, ENWIN 2020 COS Rev_Reqt_Work_Form_DRO_20191121, Tab 11. Cost Allocation.

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 2021 IRM Rate Generator Model, Tabs 10 to 15, to calculate its proposed 2021 RTSRs in accordance with the RTSR Guideline. The UTRs used in the 2021 IRM Rate Generator Model reflect the interim UTRs approved by the Board in its EB-2019-0296 Decision and Interim Rate Order, issued December 19, 2019, which are effective January 1, 2020. On July 31, 2020, the Board issued its EB-2020-0180 Decision and Order, which maintained the interim 2020 UTRs for the remainder of 2020, and delayed the implementation of final 2020 UTRs until January 1, 2021, or another date to be determined by the OEB.⁴ ENWIN acknowledges the UTRs in the 2021 IRM Rate Generator Model may be updated subsequent to the filing of this Application for the purposes of determining RTSRs effective January 1, 2021. The RTSRs as proposed have been calculated in accordance with ENWIN’s past practice and as most recently approved in the 2020 Cost of Service 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 2020 approved RTSRs, and its proposed 2021 RTSRs, calculated using the 2021 IRM Rate Generator Model.

⁴ EB-2020-0180 Decision and Order, pp. 1 – 2.

Table 2 – Summary of 2020 Board Approved and Proposed 2021 Retail Transmission Service Rates

Rate Class	Rate Description	Unit	Effective January 1, 2020	Proposed January 1, 2021
			EB-2019-0032	EB-2020-0017
			Proposed RTSR-Network	
Residential	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0087	0.0084
GS < 50 kW	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080	0.0078
GS 50 - 4999 kW	Retail Transmission Rate - Network Service Rate	\$/kW	2.7166	2.6339
Large Use - Regular	Retail Transmission Rate - Network Service Rate	\$/kW	3.7385	3.6246
Large Use - 3TS	Retail Transmission Rate - Network Service Rate	\$/kW	3.7385	3.6246
Unmetered	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080	0.0078
Sentinel	Retail Transmission Rate - Network Service Rate	\$/kW	2.4856	2.4099
Street Light	Retail Transmission Rate - Network Service Rate	\$/kW	2.4826	2.4070
Proposed RTSR-Connection				
Residential	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	0.0058
GS < 50 kW	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055	0.0054
GS 50 - 4999 kW	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9000	1.8559
Large Use - Regular	Retail Transmission Rate - Line Connection Service Rate	\$/kW	0.7582	0.7406
Large Use - Regular	Retail Transmission Rate - Transformation Connection Service Rate	\$/kW	1.8880	1.8441
Large Use - 3TS	Retail Transmission Rate - Line Connection Service Rate	\$/kW	0.7582	0.7406
Unmetered	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055	0.0054
Sentinel	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7384	1.6980
Street Light	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7366	1.6963

MicroFIT Service Charge

On February 24, 2020, the OEB issued a letter which stated that as a result of its annual review of the microFIT charge for 2020, the microFIT Service Charge was being updated to \$4.55 per month, from the current value of \$5.40 per month.

The OEB noted that for distributors that have already received final rate orders for 2020 where the microFIT Service Charge is based on the previously-approved province-wide rate, the updated rate should be adopted in their next annual rate application. ENWIN had received its final rate order for rates effective January 1, 2020 on December 5, 2019.

Accordingly, ENWIN is applying to update the microFIT Service Charge in its 2021 Tariff of Rates and Charges to a value of \$4.55 per month effective January 1, 2021.

Other Rates and Charges

ENWIN seeks continuation of the other rates and charges as set out in the list below for the 2021 rate year, subject to required inflationary increases for the Wireline Pole Attachment Charge and Retail Service Charges, in addition to any other update requirements pursuant to OEB direction

subsequent to the filing of this Application:

- 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 Ownership;
- 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 balances (“Group 1 balances”) in its 2020 Cost of Service Application (EB-2019-0032). This disposition reflected audited account balances as of December 31, 2018, 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, 2019 (including projected interest up to December 31, 2020) on a final basis, excluding the balances in its Account 1595 sub-accounts for vintage years 2018 and 2019, which are not 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 2021 IRM Rate Generator Model, Tab 4 - Billing Det. for Def-Var, the Group 1 deferral and variance account balances considered for disposition in this Application do not exceed the pre-set disposition threshold in total. ENWIN's 2019 actual year-end total balance for Group 1 deferral and variance accounts being sought for disposition, including interest projected to December 31, 2020, is a credit of (\$842,277). This amount results in a total credit claim of (\$0.0004) per kWh. However, in accordance with Section 3.2.5 of the Filing Requirements, ENWIN is electing to dispose of the Group 1 balances, despite the threshold test not being met. The total Group 1 balance excluding Account 1589 – RSVA Global Adjustment is a credit of (\$1,337,418), which is a material balance to be returned to customers, while the Account 1589 RSVA – Global Adjustment is a debit of \$495,141, which is a material balance to be collected from Class B Non-RPP customers. As these balances are material and are to be refunded or recovered from different subsets of customers, ENWIN has proposed disposition of the audited December 31, 2019 Group 1 Account balances herein (excluding Account 1595), 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	(\$10,877)	(\$281)	(\$11,158)
RSVA - Wholesale Market Service Charge	1580	(\$517,441)	\$32,388	(\$485,053)
Variance WMS – Sub-account CBR Class A	1580	\$0	\$0	\$0
Variance WMS – Sub-account CBR Class B	1580	(\$133,035)	(\$2,929)	(\$135,963)
RSVA - Retail Transmission Network Charge	1584	\$117,760	(\$12,553)	\$105,207
RSVA - Retail Transmission Connection Charge	1586	(\$289,425)	(\$14,561)	(\$303,986)
RSVA - Power	1588	(\$502,400)	(\$4,064)	(\$506,464)
RSVA - Global Adjustment	1589	\$463,486	\$31,654	\$495,141
Total Group 1 Balance		(\$871,931)	\$29,654	(\$842,277)

ENWIN notes that there are three differences on Tab 3 of the 2021 IRM Rate Generator Model between the 2019 Balance (Principal + Interest) and the RRR balance as at December 31, 2019.

For Account 1580, RSVA – Wholesale Market Service Charge, a variance of (\$180,375) is shown. This amount matches the sub-account 1580, Variance WMS – Sub-account CBR Class B, 2.1.7 RRR balance of (\$180,375). 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 1589 – RSVA Global Adjustment, a variance of \$391,420 is shown. This amount relates to a principal adjustment made to the 2019 balance requested for disposition. This is related to a true-up of estimated 2019 unbilled revenue to actual, and is further detailed in the GA Analysis Workform, filed as **Appendix ‘E’**.

For Account 1568 – LRAM Variance Account, a variance of \$2,022 is shown. This amount is due to true-ups required to reconcile ENWIN’s general ledger for prior year persistence updates to the amounts actually approved by the OEB for disposition, as reflected on the Tab 3 Continuity Schedule.

The general Group 1 DVA rate riders are calculated on Tab 7 of the 2021 IRM Rate Generator model. 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

		Proposed January 1, 2021 EB-2020-0017	
Rate Class	Charge Determinant	General Deferral / Variance Account Rate Rider	Deferral / Variance Account Rate Rider for Non-WMP (if applicable)
Residential	kWh	(\$0.0006)	
GS < 50 kW	kWh	(\$0.0006)	
GS 50 - 4999 kW	kW	(\$0.0330)	(\$0.2091)
Large Use - Regular	kW	(\$0.0450)	(\$0.2694)
Large Use - 3TS	kW	(\$0.0432)	(\$0.2686)
Unmetered	Per Connection	(\$0.17)	
Sentinel	Per Connection	(\$0.08)	
Street Light	Per Connection	(\$0.01)	

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. However, ENWIN notes Cell N25 (Revenue Reconciliation) of Tab 7 has not been updated to reflect this change.

Pursuant to the Section 3.2.5.1 of the Filing Requirements, ENWIN has ensured that balances in Account 1580 RSVA — Wholesale Market Services 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 Accounts 1588 Power, and 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 guidance effective from January 1, 2019.

GA Analysis Workform

Section 3.2.5.2 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 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 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 2019, which is attached as **Appendix 'E'**. All years prior to 2019 have been disposed of on a final basis, with the most recent disposition occurring in ENWIN's 2020 Cost of Service proceeding (EB-2019-0032). 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"). 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

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

Application, ENWIN has proposed disposition of a debit balance in Account 1589 Global Adjustment of \$495,141, which reflects the audited balance of the account as at December 31, 2019 and a principal adjustment to true-up estimated unbilled revenue to actual, along with interest calculated up to December 31, 2020.

When clearing balances from Account 1589, the Filing Requirements dictate that distributors must establish a separate rate rider 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 2021 IRM Rate Generator Model also allocates a portion of 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 be charged/refunded the general GA rate rider.

Of the total balance of \$495,141, \$20,944 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, 2019). ENWIN had three General Service 50 to 4,999 kW customers move from Class B to Class A, and four General Service 50 to 4,999 kW customers 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 2021 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 seven 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	\$227	\$19
Customer 2	\$1,654	\$138
Customer 3	\$4,800	\$400
Customer 4	\$387	\$32
Customer 5	\$5,904	\$492
Customer 6	\$895	\$75
Customer 7	<u>\$7,077</u>	<u>\$590</u>
Total	\$20,944	\$1,745

The general GA rate rider applicable to all other Class B Non-RPP customers is \$0.0009 per kWh, as shown on Tab 6.1 of the 2021 IRM Rate Generator Model.

Capacity Based Recovery (CBR)

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, entitled *Accounting Guidance - Capacity Based Recovery* (“CBR Accounting Guidance”) for the calculation of the 2019 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 sub-account CBR Class B balance of (\$135,963).

In accordance with section 3.2.5.4 of the Filing Requirements, since the Account 1580 sub-account CBR Class B balance of (\$135,963) does not create a rate rider to the required decimal places for one or more rate classes, the entire CBR Class B amount has been transferred into the Account 1580 Wholesale Market Service 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 2021 IRM Rate Generator Model.

Account 1595

Appendix A 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, and pursuant to the Filing Requirements, would not yet be eligible to dispose of the vintages 2018 or 2019. Therefore, ENWIN is not eligible to request disposition of any Account 1595 balances in this proceeding, and has thus not completed the Account 1595 Analysis Workform.

Lost Revenue Adjustment Mechanism Variance Account Disposition

Background

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

On September, 16, 2010 the Board issued the CDM Code for Electricity Distributors (“CDM Code”) to support the 2011-2014 CDM Framework. The CDM Code set out the obligations and requirements with which electricity distributors must comply in relation to the CDM targets set out in their licenses for the 2011-2014 time period. The CDM Code was developed in response to a Directive issued by the Minister of Energy and Infrastructure on March 31, 2010 pursuant to Sections 27.1 and 27.2 of the *Ontario Energy Board Act, 1998*. Section 12 of said Directive stated that lost revenues that result from CDM Programs should not act as a disincentive to a distributor.

The Board issued guidelines for electricity distributors (EB-2012-0003 – Guideline for Electricity Distributor Conservation and Demand Management) on April 26, 2012. These guidelines described the mechanism to capture the “difference between the results of actual verified impacts of authorized CDM activities undertaken by distributors during the 2011-2014 CDM framework and the level of CDM activities included in the distributor’s load forecast”. The guideline also provided direction to distributors on the creation of the Lost Revenue Adjustment Mechanism Variance Account (“LRAMVA”) and the process to record the lost revenues resulting from CDM activities.

On December 19, 2014, the Board issued further guidelines to electricity distributors (EB-2014-0278 – The Conservation and Demand Management Requirement Guidelines for Electricity Distributors). These guidelines are applicable to all CDM and related initiatives beginning in 2015 and require electricity distributors to continue to rely on the LRAMVA to track and dispose of lost revenues that result from approved CDM programs between 2015 and 2020.

On May 19, 2016, the Board updated its policy related to lost revenues from peak demand (kW) savings in report EB-2016-0182 – Report of the Board: Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs.

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 will no longer be providing verified results reporting. Pursuant to the EB-2019-0167 Decision and Order, CDM requirements were then removed from distributors’ licenses.

Finally, on June 20, 2019, the OEB issued a letter to distributors stating that distributors should continue to have access to LRAM related to successful delivery of CFF programs.

As such, in the most recent Filing Requirements, the Board noted that distributors should strive to dispose of all CFF-related LRAMVA balances as part of their 2021 rate applications. The OEB noted they will rely on the Participation and Cost Reports and detailed project level savings files as supporting documentation when assessing applications for lost revenues in relation to energy and demand savings from programs delivered under the CFF where final verified results from the IESO are not available.

LRAMVA – Prior Disposition

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:

- i. 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

- ii. 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 guideline goes on to say that "at a minimum, distributors must apply for disposition of the balance in the LRAMVA at the time of their Cost of Service rate applications. Distributors may apply for the disposition of the balance in the LRAMVA on an annual basis, as part of their Incentive Regulation Mechanism rate applications, if the balance is deemed significant by the applicant. The LRAMVA shall not be included in the pre-set disposition threshold calculation in determining materiality for disposition of Group 1 accounts as per the July 31, 2009 *Report of the Board: Electricity Distributors' Deferral and Variance Account Initiative* (EB-2008-0046). All requests for disposition of the LRAMVA must be made together with carrying charges."

In its 2020 Cost of Service Application (EB-2019-0032), ENWIN received Board approval to recover lost revenue in the amount of \$2,771,982. This amount represented lost revenues associated with CDM programs implemented during the years 2017-2018, and persistence of CDM programs starting with 2011 up to the end of 2018, including accumulated interest.

LRAMVA – Current Disposition

The amount requested for recovery in this application includes lost revenue that is attributable to the 2019 CFF program implementation year, as well as, the savings that persisted from the 2011-2018 programs years in 2019. Also included in this application are the applicable carrying charges up to December 31, 2020. All carrying charges were calculated using simple interest applied to the monthly opening principal balance using the prescribed interest rates approved by the Board.

ENWIN utilized unverified results for the purposes of calculating the lost revenues associated with the 2019 program implementation year. For clarity:

- Net savings from the 2019 implementation year were calculated using project level details and the most recent Evaluation, Measurement & Verification ("EM&V") results contained within the IESO's 2017 final verified results report;

- Savings that persisted from the 2018 and 2019 implementation years were calculated using the IESO's most recent information and input assumptions provided in their Participation and Cost Reports; and
- Savings that persisted from the 2011-2017 program years in 2019 were based on verified results provided to ENWIN by the IESO via their final verified results reports.

ENWIN's assumptions in deriving the unverified results and related lost revenue amounts are further detailed below.

As outlined in Table 6, the balance of Account 1568 - LRAMVA is \$1,191,720 and is being requested for recovery via rate riders over a 12 month period. 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 has been consolidated with the General Service 50 – 4,999 kW rate class, and the Large Use – Ford Annex rate class has been consolidated with the Large Use – 3TS rate class. As such, the 2019 LRAMVA amounts allocated to the stand-alone rate classes have respectively been added together 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 2020 Cost of Service Application.

Table 6 – LRAMVA Balance by Rate Class

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$56,388	\$1,342	\$57,730
General Service < 50 kW	kWh	\$159,730	\$3,801	\$163,532
General Service 50 - 4,999 kW	kW	\$736,122	\$17,518	\$753,640
General Service 3,000 - 4,999 kW	kW	\$12,488	\$297	\$12,785
Large Use - Regular	kW	\$55,194	\$1,314	\$56,508
Large Use - 3TS	kW	\$144,293	\$3,434	\$147,726
Large Use - Ford Annex	kW	-\$197	-\$5	-\$202
Other	kW	\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$1,164,019	\$27,701	\$1,191,720

Table 7 – Proposed LRAMVA Rate Riders

Rate Class	Charge Determinant	LRAMVA Rate Rider
Residential	kWh	\$0.0001
GS < 50 kW	kWh	\$0.0008
GS 50 - 4999 kW	kW	\$0.3163
Large Use - Regular	kW	\$0.1058
Large Use - 3TS	kW	\$0.2566

LRAMVA – Calculation

The LRAMVA calculation accounts for, at a customer rate class level, the difference between actual or estimated savings received to the level of savings (CDM Adjustments) included in the distributor’s approved load forecast. As part of ENWIN’s 2009 Cost of Service rate application (EB-2008-0227), no forecast or adjustments for the effects of CDM activities were included in the load forecast. Therefore, no adjustments are included in the calculation of the 2019 LRAMVA.

ENWIN has utilized version 5 of the most recent LRAMVA Workform to determine the 2019 LRAMVA requests, which is attached as **Appendix ‘F’**. ENWIN supplemented the LRAMVA Workform with its own 2011-2019 Persistence Report (file entitled “Appendix G - 2011-2019 Persistence Report - ENWIN 20200817”) to ensure alignment between ENWIN’s internal records and its rate application to the Board. This file is attached as **Appendix ‘G’**.

ENWIN has calculated the Account 1568 LRAMVA balance for the 2019 program implementation year in accordance with the requirements set out in the above guidelines and reports issued by the Board, including the Board’s most recent Filing Requirements.

ENWIN has utilized the most recent information available to determine the 2019 results, including the most recent input assumptions. 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 2019 program implementation year, complete with gross incremental savings. These lists can be seen on Tabs 3 - 5 of the file entitled “Appendix H - Rate Class Allocation - LRAMVA - 2019 -

ENWIN 20200817", attached as **Appendix 'H'**. ENWIN then applied the IESO's 2017 EM&V results against the gross savings to arrive at the net incremental savings. The net savings were then allocated out to the applicable rate classes as is further outlined below.

As mentioned above, persistent savings from the 2018 and 2019 implementation years were calculated using the IESO's most recent input assumptions provided in their Participation and Cost Report, and savings that persisted from the 2011-2017 program years in 2019 were based on verified results provided to ENWIN by the IESO via their final verified results reports. These savings are detailed in ENWIN's internal 2011-2019 Persistence Report, which has also been filed in Excel format. These reports contain the unverified net persistent electricity savings for the current program implementation year, and any adjustments made to prior program implementation years. As previously mentioned, in the absence of verified results reporting for the 2019 program implementation year, ENWIN has calculated the lost revenue for 2019 using unverified results and applying net-to-gross ratios and persistence values provided by the IESO, via their 2017 final verified results report and their Participation and Cost Report.

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 which rate class each individual project belongs to. 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 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.

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, an average volumetric distribution rate must be calculated for each rate class by year. Table 8 lists ENWIN's historic Board approved variable distribution rates by rate class. As per EB-2012-0003 – Guideline for Electricity Distributor Conservation and Demand Management, ENWIN did not include any volumetric rate riders or adders that are subject to their own independent true-up process.

Table 8 – ENWIN's Historic Variable Distribution Rates

	Billing Unit	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-2018-0029
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Period 1 (# months)		4	4	4	4	4	4	4	4	4	4
Period 2 (# months)		8	8	8	8	8	8	8	8	8	8
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
General Service < 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
Rate rider for foregone revenue			-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0003
Other											
Adjusted rate		\$ 0.0162	\$ 0.0160	\$ 0.0161	\$ 0.0162	\$ 0.0164	\$ 0.0166	\$ 0.0169	\$ 0.0171	\$ 0.0172	\$ 0.0173
Calendar year equivalent			\$ 0.0161	\$ 0.0161	\$ 0.0162	\$ 0.0163	\$ 0.0165	\$ 0.0168	\$ 0.0170	\$ 0.0172	\$ 0.0173
General Service 50 - 4,999 kW											
Rate rider for tax sharing		\$ 4.7075	\$ 4.6229	\$ 4.6543	\$ 4.6766	\$ 4.7280	\$ 4.7753	\$ 4.8469	\$ 4.9099	\$ 4.9394	\$ 4.9839
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	\$ 4.6058	\$ 4.6313	\$ 4.6827	\$ 4.7253	\$ 4.8122	\$ 4.8743	\$ 4.9042	\$ 4.9301
Calendar year equivalent			\$ 4.6248	\$ 4.5984	\$ 4.6228	\$ 4.6656	\$ 4.7111	\$ 4.7832	\$ 4.8536	\$ 4.8942	\$ 4.9215
General Service 3,000 - 4,999 kW											
Rate rider for tax sharing		\$ 1.9306	\$ 1.9341	\$ 1.9473	\$ 1.9566	\$ 1.9781	\$ 1.9979	\$ 2.0279	\$ 2.0543	\$ 2.0666	\$ 2.0852
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
Calendar year equivalent			\$ 1.9205	\$ 1.9214	\$ 1.9316	\$ 1.9495	\$ 1.9690	\$ 1.9988	\$ 2.0279	\$ 2.0450	\$ 2.0561
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
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
Calendar year equivalent			\$ 2.1689	\$ 2.1683	\$ 2.1798	\$ 2.2002	\$ 2.2222	\$ 2.2579	\$ 2.2922	\$ 2.3119	\$ 2.3232
Large Use - 3TS											
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
Rate rider for foregone revenue			-\$ 0.3210	-\$ 0.0395	-\$ 0.0369	-\$ 0.0369	-\$ 0.0390	-\$ 0.0335	-\$ 0.0361	-\$ 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
Calendar year equivalent			\$ 2.5128	\$ 2.6075	\$ 2.7180	\$ 2.7436	\$ 2.7709	\$ 2.8114	\$ 2.8504	\$ 2.8748	\$ 2.8860
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
Calendar year equivalent			-\$ 0.0462	-\$ 0.0799	-\$ 0.0815	-\$ 0.0796	-\$ 0.0827	-\$ 0.0890	-\$ 0.0943	-\$ 0.1026	-\$ 0.1473

Prior to 2020, ENWIN's approved rate years ran from May 1st to April 30th. Therefore, to calculate an average volumetric distribution rate, the rates needed to be prorated over a 12-month period to

coincide with the program implementation year. To accomplish this, the volumetric distribution rate for the prior year is prorated over a 4-month period (January to April) and added to the volumetric distribution rate for the current year, which is prorated over an 8-month period (May to December). These average volumetric distribution rates can be seen below in Table 9.

Table 9 – ENWIN’s Average Volumetric Distribution Rates

Year	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
	kWh	kWh	kW	kW	kW	kW	kW
2011	\$0.0198	\$0.0161	\$4.6248	\$1.9205	\$2.1689	\$2.5128	(\$0.0462)
2012	\$0.0198	\$0.0161	\$4.5984	\$1.9214	\$2.1683	\$2.6075	(\$0.0799)
2013	\$0.0199	\$0.0162	\$4.6228	\$1.9316	\$2.1798	\$2.7180	(\$0.0815)
2014	\$0.0200	\$0.0163	\$4.6656	\$1.9495	\$2.2002	\$2.7436	(\$0.0796)
2015	\$0.0202	\$0.0165	\$4.7111	\$1.9690	\$2.2222	\$2.7709	(\$0.0827)
2016	\$0.0172	\$0.0168	\$4.7832	\$1.9988	\$2.2579	\$2.8114	(\$0.0890)
2017	\$0.0123	\$0.0170	\$4.8536	\$2.0279	\$2.2922	\$2.8504	(\$0.0943)
2018	\$0.0071	\$0.0172	\$4.8942	\$2.0450	\$2.3119	\$2.8748	(\$0.1026)
2019	\$0.0018	\$0.0173	\$4.9215	\$2.0561	\$2.3232	\$2.8860	(\$0.1473)

Once the average volumetric distribution rates are calculated, ENWIN can determine the revenue lost by rate class by applying these rates against the persistent savings which have been allocated by class. The results are summarized in Table 10 below.

Table 10 – LRAMVA by Rate Class

Program	Rate Allocations for LRAMVA								Total
	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	
Lost Revenue in 2019 from 2011 programs	\$3,142.10	\$8,078.77	\$34,032.05	\$0.00	\$9,677.99	\$0.00	\$0.00	\$0.00	\$54,930.91
Lost Revenue in 2019 from 2012 programs	\$2,925.23	\$14,211.71	\$47,113.25	\$92.51	\$7,444.20	\$37,006.98	-\$5.52	\$0.00	\$108,788.36
Lost Revenue in 2019 from 2013 programs	\$3,867.16	\$8,559.51	\$81,166.95	\$0.00	\$12,268.74	\$26,092.40	\$0.00	\$0.00	\$131,954.77
Lost Revenue in 2019 from 2014 programs	\$5,714.06	\$19,822.67	\$78,153.01	\$181.82	\$5,399.97	\$2,358.66	\$0.00	\$0.00	\$111,630.19
Lost Revenue in 2019 from 2015 programs	\$6,019.12	\$46,583.61	\$87,184.79	\$35.30	\$3,920.45	\$11,098.87	\$0.00	\$0.00	\$154,842.14
Lost Revenue in 2019 from 2016 programs	\$12,946.54	\$16,114.09	\$120,007.77	\$82.40	\$246.45	\$20,877.39	\$0.00	\$0.00	\$170,274.65
Lost Revenue in 2019 from 2017 programs	\$18,967.39	\$30,194.33	\$163,137.32	\$2,150.47	\$3,151.61	\$44,438.02	\$0.00	\$0.00	\$262,039.14
Lost Revenue in 2019 from 2018 programs	\$2,806.64	\$16,165.75	\$124,795.51	\$5,791.97	\$11,051.60	\$1,504.28	-\$191.49	\$0.00	\$161,924.25
Lost Revenue in 2019 from 2019 programs	\$0.00	\$0.00	\$531.64	\$4,153.43	\$2,033.30	\$915.98	\$0.00	\$0.00	\$7,634.35
Total Lost Revenues in 2019	\$56,388.25	\$159,730.45	\$736,122.28	\$12,487.89	\$55,194.31	\$144,292.59	-\$197.01	\$0.00	\$1,164,018.75
Forecast Lost Revenues in 2019	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2019									\$1,164,018.75

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 2021 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 2021 IRM Rate Generator Model, ENWIN's base rates established in its 2020 Cost of Service proceeding (EB-2019-0032) 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.

Proposed 2021 Tariff of Rates and Charges

ENWIN has included at **Appendix 'C'** a copy of its proposed 2021 Tariff of Rates and Charges from the 2021 IRM Rate Generator Model. With respect to the Unmetered, Sentinel and Street Light rate classes, the 2021 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 2021 IRM Rate Generator Model for Monthly Service Charges and Group 1 Deferral and Variance Account rate riders.

Summary of Proposed 2021 Bill Impacts

The bill impacts of ENWIN's proposed 2021 IRM rate application are summarized in Table 11 below. These bill impacts were calculated using the 2021 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, 2021 Bill Impacts Summary from the 2021 IRM Rate Generator Model. No bill impacts for any rate class exceed the Board-mandated 10% threshold – therefore, no mitigation plans are necessary.

Table 11 – Summary of Proposed 2021 Bill Impacts

Rate Class	RPP / Non-RPP	Sub-Total A (Excl. Pass Through)		Total Bill	
		\$	%	\$	%
Residential	RPP	(\$0.38)	-1.5%	(\$0.25)	-0.2%
GS < 50 kW	RPP	(\$0.54)	-0.9%	\$0.20	0.1%
GS 50 - 4999 kW	Non-RPP (Other)	(\$29.69)	-3.1%	\$312.00	2.5%
Large Use - Regular	Non-RPP (Other)	(\$431.85)	-2.2%	\$20,492.18	3.0%
Large Use - 3TS	Non-RPP (Other)	(\$3,111.82)	-3.7%	\$799.34	0.1%
Unmetered	RPP	\$4.37	1.8%	\$5.00	0.5%
Sentinel	RPP	\$0.42	1.7%	\$0.36	0.7%
Street Light	Non-RPP (Other)	\$1,102.05	1.7%	\$2,741.36	2.2%

Certification of Evidence

As part of the Filing Requirements, an application filed with the Ontario Energy Board must include a certification that the 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.

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

Appendix A

2020 Tariff of Rates and Charges (EB-2019-0032)

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2020
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2019-0032

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	\$	26.25
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$	(1.64)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$	(0.98)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	\$/kWh	0.0009
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kWh	0.0012
Rate Rider for Disposition of Global Adjustment Account (2020) Applicable only for Non-RPP Customers - effective until December 31, 2020	\$/kWh	(0.0034)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0087
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, 2020
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2019-0032

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	\$	27.29
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0172
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	\$/kWh	0.0012
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	0.0003
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	(0.0016)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kWh	(0.0027)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kWh	0.0016
Rate Rider for Disposition of Global Adjustment Account (2020) Applicable only for Non-RPP Customers - effective until December 31, 2020	\$/kWh	(0.0034)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055

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, 2020
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EB-2019-0032

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	\$	107.93
Distribution Volumetric Rate	\$/kW	4.8056
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	\$/kW	0.2715
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2020) Applicable only for Non-Wholesale Market Participants - effective until December 31, 2020	\$/kW	(0.1345)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2020) including Wholesale Market Participants - effective until December 31, 2020	\$/kW	0.2587
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	(0.6246)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.0448)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	0.5556
Rate Rider for Disposition of Global Adjustment Account (2020) Applicable only for Non-RPP Customers - effective until December 31, 2020	\$/kWh	(0.0034)
Retail Transmission Rate - Network Service Rate	\$/kW	2.7166
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.9000

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2020
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EB-2019-0032

MONTHLY RATES AND CHARGES - Regulatory Component

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

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
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EB-2019-0032

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	\$	9,072.46
Distribution Volumetric Rate	\$/kW	2.6921
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	\$/kW	0.1492
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2020) Applicable only for Non-Wholesale Market Participants - effective until December 31, 2020	\$/kW	(0.1876)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2020) including Wholesale Market Participants - effective until December 31, 2020	\$/kW	0.3579
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	(0.8959)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.4986)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	0.2308
Rate Rider for Disposition of Global Adjustment Account (2020) Applicable only for Non-RPP Customers - effective until December 31, 2020	\$/kWh	(0.0034)
Retail Transmission Rate - Network Service Rate	\$/kW	3.7385
Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7582
Retail Transmission Rate - Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.8880

Issued December 5, 2019

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2020
This schedule supersedes and replaces all previously
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EB-2019-0032

MONTHLY RATES AND CHARGES - Regulatory Component

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

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2020
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EB-2019-0032

LARGE USE - 3TS SERVICE CLASSIFICATION

This classification applies to a customer whose monthly peak load, averaged over 12 consecutive months, is equal to or greater than 5,000 kW and the premise 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	\$	38,504.89
Distribution Volumetric Rate	\$/kW	3.6647
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	\$/kW	0.3390
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2020) Applicable only for Non-Wholesale Market Participants - effective until December 31, 2020	\$/kW	(0.1884)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2020) including Wholesale Market Participants - effective until December 31, 2020	\$/kW	0.3562
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	(0.8498)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.4215)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	0.5543
Retail Transmission Rate - Network Service Rate	\$/kW	3.7385
Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7582

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, 2020
This schedule supersedes and replaces all previously
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EB-2019-0032

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.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	11.11
Rate Rider for Disposition of Account 1575 (2020) (per connection) - effective until December 31, 2024	\$	(0.69)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) (per connection) - effective until December 31, 2020	\$	(0.41)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2020) (per connection) - effective until December 31, 2020	\$	0.08
Rate Rider for Disposition of Global Adjustment Account (2020) Applicable only for Non-RPP Customers - effective until December 31, 2020	\$/kWh	(0.0034)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055

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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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.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	12.44
Rate Rider for Disposition of Account 1575 (2020) (per connection) - effective until December 31, 2024	\$	(0.32)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) (per connection)		
- effective until December 31, 2020	\$	(0.19)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2020) (per connection)		
- effective until December 31, 2020	\$	0.04
Rate Rider for Disposition of Global Adjustment Account (2020) Applicable only for Non-RPP Customers		
- effective until December 31, 2020	\$/kWh	(0.0034)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4856
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7384

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, 2020
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EB-2019-0032

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)	\$	5.27
Rate Rider for Disposition of Account 1575 (2020) (per connection) - effective until December 31, 2024	\$	(0.06)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) (per connection)		
- effective until December 31, 2020	\$	(0.04)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2020) (per connection)		
- effective until December 31, 2020	\$	0.01
Rate Rider for Disposition of Global Adjustment Account (2020) Applicable only for Non-RPP Customers		
- effective until December 31, 2020	\$/kWh	(0.0034)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4826
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7366

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-2019-0032

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
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EB-2019-0032

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$	15.00
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)	\$	44.50

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2020
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2019-0032

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	\$	102.00
Monthly fixed charge, per retailer	\$	40.80
Monthly variable charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.08

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 B

2021 IRM Rate Generator Model

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Quick Link

Ontario Energy Board's 2021 Electricity
Distribution Rate Applications Webpage

Version 1.0

Utility Name ENWIN Utilities Ltd.

Assigned EB Number EB-2020-0017

Name of Contact and Title Paul Gleason, Director, Regulatory Affairs & Corporate Secretary

Phone Number 519-255-2888 Ext. 325

Email Address regulatory@enwin.com

We are applying for rates effective January 1, 2021

Rate-Setting Method Price Cap IR

1. Select the last Cost of Service rebasing year.

2020

2. For Accounts 1588 and 1589, please indicate the year the accounts were last disposed on a final basis.

2020

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

2018

(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017.)

3. For the remaining Group 1 DVAs, please indicate the year the accounts were last disposed on a final basis.

2020

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

2018

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

2018

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

5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance selected in #2 above to the year requested for disposition)?

Yes

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

Yes

7. Retail Transmission Service Rates: 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.



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 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 Adjustments¹ 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 Adjustments¹ during 2018	Closing Interest Amounts as of Dec 31, 2018
Group 1 Accounts											
LV Variance Account	1550	0			0	0	0			0	0
Smart Metering Entity Charge Variance Account	1551	0			(92,185)	(92,185)	0			(1,197)	(1,197)
RSVA - Wholesale Market Service Charge⁵	1580	0			(2,698,989)	(2,698,989)	0			(75,634)	(75,634)
Variance WMS – Sub-account CBR Class A⁵	1580	0			0	0	0			0	0
Variance WMS – Sub-account CBR Class B⁵	1580	0			(60,640)	(60,640)	0			554	554
RSVA - Retail Transmission Network Charge	1584	0			1,562,175	1,562,175	0			22,182	22,182
RSVA - Retail Transmission Connection Charge	1586	0			1,140,048	1,140,048	0			15,239	15,239
RSVA - Power⁴	1588	0			(365,327)	(365,327)	0			(57,285)	(57,285)
RSVA - Global Adjustment⁴	1589	0			(1,130,465)	(1,130,465)	0			58,544	58,544
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014)³	1595	0			0	0	0			0	0
Disposition and Recovery/Refund of Regulatory Balances (2015)³	1595	0			(0)	(0)	0			(0)	(0)
Disposition and Recovery/Refund of Regulatory Balances (2016)³	1595	0			0	0	0			0	0
Disposition and Recovery/Refund of Regulatory Balances (2017)³	1595	0			0	0	0			(291,330)	(291,330)
Disposition and Recovery/Refund of Regulatory Balances (2018)³	1595	0			132,513	132,513	0			34,929	34,929
Disposition and Recovery/Refund of Regulatory Balances (2019)³											
Refer to the Filing Requirements for disposition eligibility.	1595	0			0	0	0			0	0
RSVA - Global Adjustment	1589	0	0	0	(1,130,465)	(1,130,465)	0	0	0	58,544	58,544
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	(382,405)	(382,405)	0	0	0	(352,543)	(352,543)
Total Group 1 Balance		0	0	0	(1,512,870)	(1,512,870)	0	0	0	(293,999)	(293,999)
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 including Account 1568		0	0	0	1,100,415	1,100,415	0	0	0	(190,920)	(190,920)

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, 2021, the projected interest is recorded from January 1, 2020 to December 31, 2020 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

2) If the LDC's rate year begins on May 1, 2021, the projected interest is recorded from January 1, 2020 to April 30, 2021 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

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

Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Accounts 1595 (2018) and (2019) will not be eligible for disposition in the 2021 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-ups/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 Adjustments¹ 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 Adjustments¹ during 2019	Closing Interest Amounts as of Dec 31, 2019
0				0	0				0
(92,185)	(10,877)	(4,336)		(98,727)	(1,197)	(2,203)	(174)		(3,226)
(2,698,989)	(517,441)	(2,384,439)		(831,991)	(75,634)	(21,155)	(77,347)		(19,442)
0				0	0				0
(60,640)	(133,035)	(16,916)		(176,759)	554	(2,462)	1,708		(3,616)
1,562,175	117,760	686,426		993,509	22,182	20,938	22,630		20,490
1,140,048	(289,425)	233,369		617,253	15,239	15,041	8,622		21,657
(365,327)	(478,915)	(37,693)	(23,484)	(830,033)	(57,285)	(5,367)	(51,686)		(10,966)
(1,130,465)	854,906	819,710	(391,420)	(1,486,689)	58,544	(126)	87,736		(29,319)
0				0	0				0
(0)				(0)	(0)				(0)
0				0	0				0
0				0	(291,330)			585	(290,745)
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)
(1,130,465)	854,906	819,710	(391,420)	(1,486,689)	58,544	(126)	87,736	0	(29,319)
(382,405)	(257,227)	(819,710)	(23,484)	156,593	(352,543)	19,764	(96,247)	(26,595)	(263,126)
(1,512,870)	597,679	(0)	(414,904)	(1,330,095)	(293,999)	19,638	(8,511)	(26,595)	(292,445)
2,613,285	1,163,545		(1,952)	3,774,878	103,079	69,809		(70)	172,819
1,100,415	1,761,225	(0)	(416,857)	2,444,783	(190,920)	89,448	(8,511)	(26,665)	(119,626)

2020				Projected Interest on Dec-31-2019 Balances					2.1.7 RRR ⁵	
Principal Disposition during 2020 - instructed by OEB	Interest Disposition during 2020 - instructed by OEB	Closing Principal Balances as of Dec 31, 2019 Adjusted for Disposition during 2020	Closing Interest Balances as of Dec 31, 2019 Adjusted for Disposition during 2020	Projected Interest from Jan 1, 2020 to Dec 31, 2020 on Dec 31, 2019 balance adjusted for disposition during 2020 ²	Projected Interest from Jan 1, 2021 to Apr 30, 2021 on Dec 31, 2019 balance adjusted for disposition during 2020 ²	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2019	Variance RRR vs. 2019 Balance (Principal + Interest)
		0	0			0	0		0	0
(87,849)	(3,095)	(10,877)	(131)	(150)		(281)	(11,158)		(101,953)	0
(314,550)	(58,945)	(517,441)	39,503	(7,115)		32,388	(485,053)		(1,031,808)	(180,375)
		0	0	0		0	0		0	0
(43,724)	(2,517)	(133,035)	(1,099)	(1,829)		(2,929)	(135,963)		(180,375)	0
875,749	34,662	117,760	(14,172)	1,619		(12,553)	105,207		1,013,999	0
906,678	32,239	(289,425)	(10,582)	(3,980)		(14,561)	(303,986)		638,910	0
(327,634)	(13,809)	(502,400)	2,844	(6,908)		(4,064)	(506,464)		(840,999)	0
(1,950,175)	(54,600)	463,486	25,281	6,373		31,654	495,141		(1,124,588)	391,420
		0	0	0		0	0	No	0	0
		(0)	(0)	(0)		(0)	0	No	0	0
		0	0	0		0	0	No	0	0
	(291,330)	0	585	0		585	0	No	(290,745)	0
		545,726	46,749	7,504		54,253	0	No	592,475	0
		(62,385)	(24,027)	(858)		(24,885)	0	No	(86,413)	0
(1,950,175)	(54,600)	463,486	25,281	6,373	0	31,654	495,141		(1,124,588)	391,420
1,008,670	(302,795)	(852,076)	39,669	(11,716)	0	27,953	(1,337,418)		(106,533)	0
(941,505)	(357,395)	(388,590)	64,950	(5,343)	0	59,607	(842,277)		(1,231,121)	391,420
2,610,859	161,123	1,164,019	11,696	16,005		27,701	1,191,720		3,949,719	2,022
1,669,354	(196,272)	775,429	76,646	10,662	0	87,308	349,443		2,718,598	393,442



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator
for 2021 Filers

Data on this worksheet has been populated using your most recent RRR filing.

If you have identified any issues, please contact the OEB.

Have you confirmed the accuracy of the data below?

Yes

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	612,218,753	0	15,012,554	0	0	0	612,218,753	0	57,730	80,456
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	198,954,290	0	26,574,204	0	0	0	198,954,290	0	163,532	7,893
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	935,353,417	2,422,755	759,202,018	1,964,265	10,542,654	20,096	924,810,763	2,402,659	766,426	
LARGE USE - REGULAR SERVICE CLASSIFICATION	kW	281,674,703	533,970	177,356,290	357,606	104,318,416	176,364	177,356,287	357,606	56,508	
LARGE USE - 3TS SERVICE CLASSIFICATION	kW	291,140,808	574,900	153,024,601	309,457	138,116,208	265,443	153,024,600	309,457	147,525	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,257,371	0	2,167,282	0	0	0	2,257,371	0		
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	737,753	2,059	66,510	185	0	0	737,753	2,059		
STREET LIGHTING SERVICE CLASSIFICATION	kW	6,539,235	18,863	6,520,866	18,809	0	0	6,539,235	18,863		
Total		2,328,876,330	3,552,547	1,139,924,325	2,650,322	252,977,278	461,903	2,075,899,052	3,090,644	1,191,720	88,349

Threshold Test

Total Claim (including Account 1568)

\$349,443

Total Claim for Threshold Test (All Group 1 Accounts)

(\$842,277)

Threshold Test (Total claim per kWh) ²

(\$0.0004) Claim does not meet the threshold test.

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

YES

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

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

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



Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP			allocated based on Total less WMP			
				1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	26.3%	91.1%	29.5%	0	(10,161)	(183,149)	27,657	(79,912)	(149,365)	57,730
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	8.5%	8.9%	9.6%	0	(997)	(59,518)	8,988	(25,969)	(48,540)	163,532
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	40.2%	0.0%	44.5%	0	0	(276,662)	42,255	(122,091)	(225,629)	766,426
LARGE USE - REGULAR SERVICE CLASSIFICATION	12.1%	0.0%	8.5%	0	0	(53,057)	12,725	(36,767)	(43,270)	56,508
LARGE USE - 3TS SERVICE CLASSIFICATION	12.5%	0.0%	7.4%	0	0	(45,778)	13,152	(38,002)	(37,334)	147,525
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	0	0	(675)	102	(295)	(551)	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	(221)	33	(96)	(180)	0
STREET LIGHTING SERVICE CLASSIFICATION	0.3%	0.0%	0.3%	0	0	(1,956)	295	(854)	(1,595)	0
Total	100.0%	100.0%	100.0%	0	(11,158)	(621,017)	105,207	(303,986)	(506,464)	1,191,720

** 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 2021 Filers

1a The year Account 1589 GA was last disposed 2018

1b The year Account 1580 CBR Class B was last disposed 2018 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)? Yes (If you received approval to dispose of the CBR Class B account balance as at December 31, 2016, the period the GA variance accumulated would be 2017 to 2019.)

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)? Yes (If you received approval to dispose of the CBR Class B account balance as at December 31, 2016, the period the GA variance accumulated would be 2017 to 2019.)

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). 7

Transition Customers - Non-loss Adjusted Billing Determinants by Customer				
Customer	Rate Class		2019	
			January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	529,422	250,105
		kW	11,553	7,091
		Class A/B	A	B
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,713,273	1,819,882
		kW	5,811	5,700
		Class A/B	A	B
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	4,369,845	5,282,679
		kW	8,298	10,146
		Class A/B	A	B
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	568,081	426,393
		kW	2,339	1,562
		Class A/B	A	B
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	6,498,315	6,147,018
		kW	18,338	18,082
		Class A/B	B	A
Customer 6	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	984,825	1,575,743
		kW	2,671	3,575
		Class A/B	B	A
Customer 7	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	7,789,099	8,571,369
		kW	18,280	20,326
		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). 3
In the table, enter the total Class A consumption for full year Class A customers in each rate class for each year (including transition customers identified in table 3a above if they were a full year Class A customer for a particular year).

Rate Classes with Class A Customers - Billing Determinants by Rate Class			
	Rate Class		2019
Rate Class 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	262,725,893
		kW	614,832
Rate Class 2	LARGE USE - REGULAR SERVICE CLASSIFICATION	kWh	155,741,954
		kW	289,373
Rate Class 3	LARGE USE - 3TS SERVICE CLASSIFICATION	kWh	153,024,601
		kW	309,457



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Incentive Rate-setting Mechanism Rate Generator for 2021 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

2018

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

		Total	2019
Non-RPP Consumption Less WMP Consumption	A	1,139,924,325	1,139,924,325
Less Class A Consumption for Partial Year Class A Customers	B	23,474,751	23,474,751
Less Consumption for Full Year Class A Customers	C	571,492,448	571,492,448
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	544,957,126	544,957,126
All Class B Consumption for Transition Customers	E	23,051,298	23,051,298
Transition Customers' Portion of Total Consumption	F = E/D	4.23%	

Allocation of Total GA Balance \$

Total GA Balance	G	\$	495,141
Transition Customers Portion of GA Balance	H=F*G	\$	20,944
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	\$	474,197

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers		7				
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 2019	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments
Customer 1		250,105	250,105	1.08%	\$ 227	\$ 19
Customer 2		1,819,882	1,819,882	7.89%	\$ 1,654	\$ 138
Customer 3		5,282,679	5,282,679	22.92%	\$ 4,800	\$ 400
Customer 4		426,393	426,393	1.85%	\$ 387	\$ 32
Customer 5		6,498,315	6,498,315	28.19%	\$ 5,904	\$ 492
Customer 6		984,825	984,825	4.27%	\$ 895	\$ 75
Customer 7		7,789,099	7,789,099	33.79%	\$ 7,077	\$ 590
Total		23,051,298	23,051,298	100.00%	\$ 20,944	

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

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

Rate Rider Recovery to be used below

	Total Metered Non-RPP 2019 Consumption excluding WMP	Total Metered 2019 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2019 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider
	kWh	kWh	kWh	kWh			
RESIDENTIAL SERVICE CLASSIFICATION	kWh	15,012,554	0	0	15,012,554	2.9%	\$13,640
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	26,574,204	0	0	26,574,204	5.1%	\$24,145
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	759,202,018	262,725,893	46,526,049	449,950,076	86.2%	\$408,818
LARGE USE - REGULAR SERVICE CLASSIFICATION	kWh	177,356,290	155,741,954	0	21,614,336	4.1%	\$19,638
LARGE USE - 3TS SERVICE CLASSIFICATION	kWh	153,024,601	153,024,601	0	0	0.0%	\$0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,167,282	0	0	2,167,282	0.4%	\$1,969
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	66,510	0	0	66,510	0.0%	\$60
STREET LIGHTING SERVICE CLASSIFICATION	kWh	6,520,866	0	0	6,520,866	1.2%	\$5,925
Total		1,139,924,325	571,492,448	46,526,049	521,905,828	100.0%	\$474,195



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Incentive Rate-setting Mechanism Rate Generator for 2021 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

2018

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

		Total	2019
Total Consumption Less WMP Consumption	A	2,075,899,052	2,075,899,052
Less Class A Consumption for Partial Year Class A Customers	B	23,474,751	23,474,751
Less Consumption for Full Year Class A Customers	C	571,492,448	571,492,448
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	1,480,931,853	1,480,931,853
All Class B Consumption for Transition Customers	E	23,051,298	23,051,298
Transition Customers' Portion of Total Consumption	F = E/D	1.56%	

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$	135,963
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	2,116
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	133,847

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers		7					
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 2019	% 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		250,105	250,105	1.08%	-\$	23	\$ -
Customer 2		1,819,882	1,819,882	7.89%	-\$	167	\$ -
Customer 3		5,282,679	5,282,679	22.92%	-\$	485	\$ -
Customer 4		426,393	426,393	1.85%	-\$	39	\$ -
Customer 5		6,498,315	6,498,315	28.19%	-\$	597	\$ -
Customer 6		984,825	984,825	4.27%	-\$	90	\$ -
Customer 7		7,789,099	7,789,099	33.79%	-\$	715	\$ -
Total		23,051,298	23,051,298	100.00%	-\$	2,116	\$ -

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 2021 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

2018

	Total Metered 2019 Consumption Minus WMP		Total Metered 2019 Consumption for Full Year Class A Customers		Total Metered 2019 Consumption for Transition Customers		Metered Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
	kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	612,218,753	0	0	0	0	612,218,753	0	42.0%	(\$56,207)	\$0.0000	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	198,954,290	0	0	0	0	198,954,290	0	13.6%	(\$18,266)	\$0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	924,810,763	2,402,659	262,725,893	614,832	46,526,049	615,558,821	1,654,055	42.2%	(\$56,514)	\$0.0000	kW
LARGE USE - REGULAR SERVICE CLASSIFICATION	kW	177,356,287	357,606	155,741,954	289,373	0	21,614,333	68,233	1.5%	(\$1,984)	\$0.0000	kW
LARGE USE - STS SERVICE CLASSIFICATION	kW	153,024,600	309,457	153,024,601	309,457	0	(1)	0	0.0%	\$0	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,257,371	0	0	0	0	2,257,371	0	0.2%	(\$207)	\$0.0000	\$
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	737,753	2,059	0	0	0	737,753	2,059	0.1%	(\$68)	\$0.0000	\$
STREET LIGHTING SERVICE CLASSIFICATION	kW	6,539,235	18,863	0	0	0	6,539,235	18,863	0.4%	(\$600)	\$0.0000	\$
Total		2,075,899,052	3,090,644	571,492,448	1,213,662	46,526,049	1,457,880,555	1,743,210	100.0%	(\$133,846)	\$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.



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Incentive Rate-setting Mechanism Rate Generator for 2021 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)
DVA Proposed Rate Rider Recovery Period (in months)
LRAM Proposed Rate Rider Recovery Period (in months)

12
12
12

Rate Rider Recovery to be used below

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	612,218,753	0	612,218,753	0	(394,930)		(0.0006)	0.0000	0.0001	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	198,954,290	0	198,954,290	0	(126,036)		(0.0006)	0.0000	0.0008	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	935,353,417	2,422,755	924,810,763	2,402,659	(79,836)	(502,291)	(0.0330)	(0.2091)	0.3163	
LARGE USE - REGULAR SERVICE CLASSIFICATION	kW	281,674,703	533,970	177,356,287	357,606	(24,042)	(96,327)	(0.0450)	(0.2694)	0.1058	
LARGE USE - 3TS SERVICE CLASSIFICATION	kW	291,140,808	574,900	153,024,600	309,457	(24,850)	(83,112)	(0.0432)	(0.2686)	0.2566	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	\$	2,257,371	0	2,257,371	0	(1,419)		(0.17)	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	\$	737,753	2,059	737,753	2,059	(464)		(0.08)	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	\$	6,539,235	18,863	6,539,235	18,863	(4,110)		(0.01)	0.0000	0.0000	
											(1,681,480.69)

At EnWin 's request OEB Staff has modified sheet 7 to have the Rate Rider for Deferral/Variance Account disposition (2021) 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 2021 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2020	2021
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. Regarding the small business deduction, if applicable,
 - a. If taxable capital exceeds \$15 million, the small business rate will not be applicable.
 - b. If taxable capital is below \$10 million, the small business rate would be applicable.
 - c. If taxable capital is between \$10 million and \$15 million, the appropriate small business rate will be calculated.

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

Incentive Rate-setting Mechanism Rate Generator for 2021 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%
LARGE USE - 3TS 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%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	612,218,753		0	0.00
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	198,954,290		0	0
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	935,353,417	2,422,755	0	0
LARGE USE - REGULAR SERVICE CLASSIFICATION	kW	281,674,703	533,970	0	0
LARGE USE - 3TS SERVICE CLASSIFICATION	kW	291,140,808	574,900	0	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,257,371		0	#DIV/0!

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

Incentive Rate-setting Mechanism Rate Generator for 2021 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	0.0087	612,218,753	0	1.0311	631,258,756
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	612,218,753	0	1.0311	631,258,756
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080	198,954,290	0	1.0311	205,141,768
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055	198,954,290	0	1.0311	205,141,768
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7166	935,353,417	2,422,755		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load E	\$/kW	1.9000	935,353,417	2,422,755		
Large Use - Regular Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.7385	281,674,703	533,970		
Large Use - Regular Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7582	281,674,703	533,970		
Large Use - Regular Service Classification	Retail Transmission Rate - Transformation Connection Service Rate (see Gross Load Billing No	\$/kW	1.8880	281,674,703	533,970		
Large Use - 3ts Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.7385	291,140,808	574,900		
Large Use - 3ts Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7582	291,140,808	574,900		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080	2,257,371	0	1.0311	2,327,575
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055	2,257,371	0	1.0311	2,327,575
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4856	737,753	2,059		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7384	737,753	2,059		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4826	6,539,235	18,863		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7366	6,539,235	18,863		



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Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Uniform Transmission Rates		2019 Jan to Jun		2019 Jul to Dec		2020		2021	
Rate Description	Unit	Rate		Rate		Rate		Rate	
Network Service Rate	kW	\$	3.71	\$	3.83	\$	3.92	\$	3.92
Line Connection Service Rate	kW	\$	0.94	\$	0.96	\$	0.97	\$	0.97
Transformation Connection Service Rate	kW	\$	2.25	\$	2.30	\$	2.33	\$	2.33

Hydro One Sub-Transmission Rates		2019 Jan to Jun		2019 Jul to Dec		2020		2021	
Rate Description	Unit	Rate		Rate		Rate		Rate	
Network Service Rate	kW	\$	3.1942	\$	3.2915	\$	3.3980	\$	3.3980
Line Connection Service Rate	kW	\$	0.7710	\$	0.7877	\$	0.8045	\$	0.8045
Transformation Connection Service Rate	kW	\$	1.7493	\$	1.9755	\$	2.0194	\$	2.0194
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$	2.7632	\$	2.8239	\$	2.8239

If needed, add extra host here. (I)		2019 Jan to Jun		2019 Jul to Dec		2020		2021	
Rate Description	Unit	Rate		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)		2019 Jan to Jun		2019 Jul to Dec		2020		2021	
Rate Description	Unit	Rate		Rate		Rate		Rate	
Network Service Rate	kW								
Line Connection Service Rate	kW								
Transformation Connection Service Rate	kW								
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-	\$	-

Low Voltage Switchgear Credit (if applicable, enter as a negative value)		Historical 2019		Current 2020		Forecast 2021	
\$							

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed.

If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO				Network			Line Connection			Transformation Connection			Total Connection	
Month				Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
January				355,588	\$3.71	\$1,319,231	253,193	\$0.94	\$238,001	302,468	\$2.25	\$680,553	\$	918,554
February				346,901	\$3.71	\$1,287,003	227,328	\$0.94	\$213,688	268,871	\$2.25	\$604,960	\$	818,648
March				349,117	\$3.71	\$1,295,224	230,718	\$0.94	\$216,875	257,289	\$2.25	\$578,900	\$	795,775
April				297,396	\$3.71	\$1,103,339	200,664	\$0.94	\$188,624	237,203	\$2.25	\$533,707	\$	722,332
May				321,876	\$3.71	\$1,194,160	231,284	\$0.94	\$217,407	266,328	\$2.25	\$599,238	\$	816,645
June				418,774	\$3.71	\$1,553,653	272,804	\$0.94	\$256,435	317,742	\$2.25	\$714,920	\$	971,355
July				451,638	\$3.83	\$1,729,775	315,382	\$0.96	\$302,767	362,638	\$2.30	\$834,066	\$	1,136,833
August				434,620	\$3.83	\$1,664,595	308,965	\$0.96	\$296,606	336,440	\$2.30	\$773,812	\$	1,070,418
September				402,933	\$3.83	\$1,543,233	274,038	\$0.96	\$263,076	301,463	\$2.30	\$693,365	\$	956,441
October				398,810	\$3.83	\$1,527,442	256,808	\$0.96	\$246,536	281,775	\$2.30	\$648,083	\$	894,618
November				326,702	\$3.83	\$1,251,269	209,865	\$0.96	\$201,470	281,380	\$2.30	\$647,174	\$	848,644
December				330,516	\$3.83	\$1,265,876	217,009	\$0.96	\$208,329	298,046	\$2.30	\$685,506	\$	893,834
Total				4,434,872	\$ 3.77	\$ 16,734,801	2,998,058	\$ 0.95	\$ 2,849,816	3,511,643	\$ 2.28	\$ 7,994,284	\$	10,844,099

Hydro One				Network			Line Connection			Transformation Connection			Total Connection		
Month				Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount		
January					\$0.0000			\$0.0000			\$0.0000		\$	-	
February					\$0.0000			\$0.0000			\$0.0000		\$	-	
March					\$0.0000			\$0.0000			\$0.0000		\$	-	
April					\$0.0000			\$0.0000			\$0.0000		\$	-	
May					\$0.0000			\$0.0000			\$0.0000		\$	-	
June					\$0.0000			\$0.0000			\$0.0000		\$	-	
July					\$0.0000			\$0.0000			\$0.0000		\$	-	
August					\$0.0000			\$0.0000			\$0.0000		\$	-	
September					\$0.0000			\$0.0000			\$0.0000		\$	-	
October					\$0.0000			\$0.0000			\$0.0000		\$	-	
November					\$0.0000			\$0.0000			\$0.0000		\$	-	
December					\$0.0000			\$0.0000			\$0.0000		\$	-	
Total				-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$	-

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

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

Total				Network			Line Connection			Transformation Connection			Total Connection	
Month				Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
January				355,588	\$ 3.7100	\$ 1,319,231	253,193	\$ 0.9400	\$ 238,001	302,468	\$ 2.2500	\$ 680,553	\$	918,554
February				346,901	\$ 3.7100	\$ 1,287,003	227,328	\$ 0.9400	\$ 213,688	268,871	\$ 2.2500	\$ 604,960	\$	818,648
March				349,117	\$ 3.7100	\$ 1,295,224	230,718	\$ 0.9400	\$ 216,875	257,289	\$ 2.2500	\$ 578,900	\$	795,775
April				297,396	\$ 3.7100	\$ 1,103,339	200,664	\$ 0.9400	\$ 188,624	237,203	\$ 2.2500	\$ 533,707	\$	722,332
May				321,876	\$ 3.7100	\$ 1,194,160	231,284	\$ 0.9400	\$ 217,407	266,328	\$ 2.2500	\$ 599,238	\$	816,645
June				418,774	\$ 3.7100	\$ 1,553,653	272,804	\$ 0.9400	\$ 256,435	317,742	\$ 2.2500	\$ 714,920	\$	971,355
July				451,638	\$ 3.8300	\$ 1,729,775	315,382	\$ 0.9600	\$ 302,767	362,638	\$ 2.3000	\$ 834,066	\$	1,136,833
August				434,620	\$ 3.8300	\$ 1,664,595	308,965	\$ 0.9600	\$ 296,606	336,440	\$ 2.3000	\$ 773,812	\$	1,070,418
September				402,933	\$ 3.8300	\$ 1,543,233	274,038	\$ 0.9600	\$ 263,076	301,463	\$ 2.3000	\$ 693,365	\$	956,441
October				398,810	\$ 3.8300	\$ 1,527,442	256,808	\$ 0.9600	\$ 246,536	281,775	\$ 2.3000	\$ 648,083	\$	894,618
November				326,702	\$ 3.8300	\$ 1,251,269	209,865	\$ 0.9600	\$ 201,470	281,380	\$ 2.3000	\$ 647,174	\$	848,644
December				330,516	\$ 3.8300	\$ 1,265,876	217,009	\$ 0.9600	\$ 208,329	298,046	\$ 2.3000	\$ 685,506	\$	893,834
Total				4,434,872	\$ 3.77	\$ 16,734,801	2,998,058	\$ 0.95	\$ 2,849,816	3,511,643	\$ 2.28	\$ 7,994,284	\$	10,844,099

Low Voltage Switchgear Credit (if applicable)													\$	-
Total including deduction for Low Voltage Switchgear Credit													\$	10,844,099

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

The purpose of this sheet is to calculate the expected billing when current 2020 Uniform Transmission Rates are applied against historical 2019 transmission units.

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	355,588	\$ 3.9200	\$ 1,393,905	253,193	\$ 0.9700	\$ 245,597	302,468	\$ 2.3300	\$ 704,750				\$ 950,348
February	346,901	\$ 3.9200	\$ 1,359,852	227,328	\$ 0.9700	\$ 220,508	268,871	\$ 2.3300	\$ 626,469				\$ 846,978
March	349,117	\$ 3.9200	\$ 1,368,539	230,718	\$ 0.9700	\$ 223,796	257,289	\$ 2.3300	\$ 599,483				\$ 823,280
April	297,396	\$ 3.9200	\$ 1,165,792	200,664	\$ 0.9700	\$ 194,644	237,203	\$ 2.3300	\$ 552,684				\$ 747,328
May	321,876	\$ 3.9200	\$ 1,261,754	231,284	\$ 0.9700	\$ 224,345	266,328	\$ 2.3300	\$ 620,544				\$ 844,890
June	418,774	\$ 3.9200	\$ 1,641,595	272,804	\$ 0.9700	\$ 264,620	317,742	\$ 2.3300	\$ 740,339				\$ 1,004,959
July	451,638	\$ 3.9200	\$ 1,770,423	315,382	\$ 0.9700	\$ 305,921	362,638	\$ 2.3300	\$ 844,946				\$ 1,150,866
August	434,620	\$ 3.9200	\$ 1,703,710	308,965	\$ 0.9700	\$ 299,696	336,440	\$ 2.3300	\$ 783,905				\$ 1,083,601
September	402,933	\$ 3.9200	\$ 1,579,497	274,038	\$ 0.9700	\$ 265,817	301,463	\$ 2.3300	\$ 702,409				\$ 968,226
October	398,810	\$ 3.9200	\$ 1,563,335	256,808	\$ 0.9700	\$ 249,104	281,775	\$ 2.3300	\$ 656,536				\$ 905,640
November	326,702	\$ 3.9200	\$ 1,280,672	209,865	\$ 0.9700	\$ 203,569	281,380	\$ 2.3300	\$ 655,615				\$ 859,184
December	330,516	\$ 3.9200	\$ 1,295,623	217,009	\$ 0.9700	\$ 210,499	298,046	\$ 2.3300	\$ 694,447				\$ 904,946
Total	4,434,872	\$ 3.92	\$ 17,384,697	2,998,058	\$ 0.97	\$ 2,908,116	3,511,643	\$ 2.33	\$ 8,182,128				\$ 11,090,244

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
February	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
March	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
April	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
May	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
June	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
July	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
August	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
September	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
October	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
November	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
December	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -			\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			\$ -

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

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

Total				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	355,588	\$ 3.9200	\$ 1,393,905	253,193	\$ 0.9700	\$ 245,597	302,468	\$ 2.3300	\$ 704,750				\$ 950,348
February	346,901	\$ 3.9200	\$ 1,359,852	227,328	\$ 0.9700	\$ 220,508	268,871	\$ 2.3300	\$ 626,469				\$ 846,978
March	349,117	\$ 3.9200	\$ 1,368,539	230,718	\$ 0.9700	\$ 223,796	257,289	\$ 2.3300	\$ 599,483				\$ 823,280
April	297,396	\$ 3.9200	\$ 1,165,792	200,664	\$ 0.9700	\$ 194,644	237,203	\$ 2.3300	\$ 552,684				\$ 747,328
May	321,876	\$ 3.9200	\$ 1,261,754	231,284	\$ 0.9700	\$ 224,345	266,328	\$ 2.3300	\$ 620,544				\$ 844,890
June	418,774	\$ 3.9200	\$ 1,641,595	272,804	\$ 0.9700	\$ 264,620	317,742	\$ 2.3300	\$ 740,339				\$ 1,004,959
July	451,638	\$ 3.9200	\$ 1,770,423	315,382	\$ 0.9700	\$ 305,921	362,638	\$ 2.3300	\$ 844,946				\$ 1,150,866
August	434,620	\$ 3.9200	\$ 1,703,710	308,965	\$ 0.9700	\$ 299,696	336,440	\$ 2.3300	\$ 783,905				\$ 1,083,601
September	402,933	\$ 3.9200	\$ 1,579,497	274,038	\$ 0.9700	\$ 265,817	301,463	\$ 2.3300	\$ 702,409				\$ 968,226
October	398,810	\$ 3.9200	\$ 1,563,335	256,808	\$ 0.9700	\$ 249,104	281,775	\$ 2.3300	\$ 656,536				\$ 905,640
November	326,702	\$ 3.9200	\$ 1,280,672	209,865	\$ 0.9700	\$ 203,569	281,380	\$ 2.3300	\$ 655,615				\$ 859,184
December	330,516	\$ 3.9200	\$ 1,295,623	217,009	\$ 0.9700	\$ 210,499	298,046	\$ 2.3300	\$ 694,447				\$ 904,946
Total	4,434,872	\$ 3.92	\$ 17,384,697	2,998,058	\$ 0.97	\$ 2,908,116	3,511,643	\$ 2.33	\$ 8,182,128				\$ 11,090,244

Low Voltage Switchgear Credit (if applicable)													\$ -
Total including deduction for Low Voltage Switchgear Credit													\$ 11,090,244



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2021 Uniform Transmission Rates are applied against historical 2019 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	355,588	\$ 3.9200	\$ 1,393,905	253,193	\$ 0.9700	\$ 245,597	302,468	\$ 2.3300	\$ 704,750	\$ 950,348
February	346,901	\$ 3.9200	\$ 1,359,852	227,328	\$ 0.9700	\$ 220,508	268,871	\$ 2.3300	\$ 626,469	\$ 846,978
March	349,117	\$ 3.9200	\$ 1,368,539	230,718	\$ 0.9700	\$ 223,796	257,289	\$ 2.3300	\$ 599,483	\$ 823,280
April	297,396	\$ 3.9200	\$ 1,165,792	200,664	\$ 0.9700	\$ 194,644	237,203	\$ 2.3300	\$ 552,684	\$ 747,328
May	321,876	\$ 3.9200	\$ 1,261,754	231,284	\$ 0.9700	\$ 224,345	266,328	\$ 2.3300	\$ 620,544	\$ 844,890
June	418,774	\$ 3.9200	\$ 1,641,595	272,804	\$ 0.9700	\$ 264,620	317,742	\$ 2.3300	\$ 740,339	\$ 1,004,959
July	451,638	\$ 3.9200	\$ 1,770,423	315,382	\$ 0.9700	\$ 305,921	362,638	\$ 2.3300	\$ 844,946	\$ 1,150,866
August	434,620	\$ 3.9200	\$ 1,703,710	308,965	\$ 0.9700	\$ 299,696	336,440	\$ 2.3300	\$ 783,905	\$ 1,083,601
September	402,933	\$ 3.9200	\$ 1,579,497	274,038	\$ 0.9700	\$ 265,817	301,463	\$ 2.3300	\$ 702,409	\$ 968,226
October	398,810	\$ 3.9200	\$ 1,563,335	258,808	\$ 0.9700	\$ 249,104	281,775	\$ 2.3300	\$ 656,536	\$ 905,640
November	326,702	\$ 3.9200	\$ 1,280,672	209,865	\$ 0.9700	\$ 203,569	281,380	\$ 2.3300	\$ 655,615	\$ 859,184
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Total	4,434,872	\$ 3.92	\$ 17,384,697	2,998,058	\$ 0.97	\$ 2,908,116	3,511,643	\$ 2.33	\$ 8,182,128	\$ 11,090,244

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
February	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
March	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
April	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
May	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
June	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
July	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
August	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
September	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
October	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
November	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
December	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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

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

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	355,588	\$ 3.92	\$ 1,393,905	253,193	\$ 0.97	\$ 245,597	302,468	\$ 2.33	\$ 704,750	\$ 950,348
February	346,901	\$ 3.92	\$ 1,359,852	227,328	\$ 0.97	\$ 220,508	268,871	\$ 2.33	\$ 626,469	\$ 846,978
March	349,117	\$ 3.92	\$ 1,368,539	230,718	\$ 0.97	\$ 223,796	257,289	\$ 2.33	\$ 599,483	\$ 823,280
April	297,396	\$ 3.92	\$ 1,165,792	200,664	\$ 0.97	\$ 194,644	237,203	\$ 2.33	\$ 552,684	\$ 747,328
May	321,876	\$ 3.92	\$ 1,261,754	231,284	\$ 0.97	\$ 224,345	266,328	\$ 2.33	\$ 620,544	\$ 844,890
June	418,774	\$ 3.92	\$ 1,641,595	272,804	\$ 0.97	\$ 264,620	317,742	\$ 2.33	\$ 740,339	\$ 1,004,959
July	451,638	\$ 3.92	\$ 1,770,423	315,382	\$ 0.97	\$ 305,921	362,638	\$ 2.33	\$ 844,946	\$ 1,150,866
August	434,620	\$ 3.92	\$ 1,703,710	308,965	\$ 0.97	\$ 299,696	336,440	\$ 2.33	\$ 783,905	\$ 1,083,601
September	402,933	\$ 3.92	\$ 1,579,497	274,038	\$ 0.97	\$ 265,817	301,463	\$ 2.33	\$ 702,409	\$ 968,226
October	398,810	\$ 3.92	\$ 1,563,335	258,808	\$ 0.97	\$ 249,104	281,775	\$ 2.33	\$ 656,536	\$ 905,640
November	326,702	\$ 3.92	\$ 1,280,672	209,865	\$ 0.97	\$ 203,569	281,380	\$ 2.33	\$ 655,615	\$ 859,184
December	330,516	\$ 3.92	\$ 1,295,623	217,009	\$ 0.97	\$ 210,499	298,046	\$ 2.33	\$ 694,447	\$ 904,946
Total	4,434,872	\$ 3.92	\$ 17,384,697	2,998,058	\$ 0.97	\$ 2,908,116	3,511,643	\$ 2.33	\$ 8,182,128	\$ 11,090,244

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 11,090,244

Incentive Rate-setting Mechanism Rate Generator for 2021 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	0.0087	631,258,756	0	5,491,951	30.6%	5,324,682	0.0084
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080	205,141,768	0	1,641,134	9.2%	1,591,150	0.0078
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7166		2,422,755	6,581,656	36.7%	6,381,197	2.6339
Large Use - Regular Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.7385		533,970	1,996,247	11.1%	1,935,447	3.6246
Large Use - 3ts Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.7385		574,900	2,149,264	12.0%	2,083,803	3.6246
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080	2,327,575	0	18,621	0.1%	18,053	0.0078
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4856		2,059	5,118	0.0%	4,962	2.4099
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4826		18,863	46,829	0.3%	45,403	2.4070

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	0.0059	631,258,756	0	3,724,427	32.8%	3,637,920	0.0058
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055	205,141,768	0	1,128,280	9.9%	1,102,073	0.0054
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing)	\$/kW	1.9000		2,422,755	4,603,235	40.5%	4,496,316	1.8559
Large Use - Regular Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7582		533,970	404,856	3.6%	395,453	0.7406
Large Use - Regular Service Classification	Retail Transmission Rate - Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.8880		533,970	1,008,135	8.9%	984,720	1.8441
Large Use - 3ts Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7582		574,900	435,889	3.8%	425,765	0.7406
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055	2,327,575	0	12,802	0.1%	12,504	0.0054
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7384		2,059	3,579	0.0%	3,496	1.6980
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7366		18,863	32,757	0.3%	31,997	1.6963

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	0.0084	631,258,756	0	5,324,682	30.6%	5,324,682	0.0084
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	205,141,768	0	1,591,150	9.2%	1,591,150	0.0078
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6339		2,422,755	6,381,197	36.7%	6,381,197	2.6339
Large Use - Regular Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.6246		533,970	1,935,447	11.1%	1,935,447	3.6246
Large Use - 3ts Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.6246		574,900	2,083,803	12.0%	2,083,803	3.6246
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	2,327,575	0	18,053	0.1%	18,053	0.0078
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4099		2,059	4,962	0.0%	4,962	2.4099
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4070		18,863	45,403	0.3%	45,403	2.4070

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	0.0058	631,258,756	0	3,637,920	32.8%	3,637,920	0.0058
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054	205,141,768	0	1,102,073	9.9%	1,102,073	0.0054
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing)	\$/kW	1.8559		2,422,755	4,496,316	40.5%	4,496,316	1.8559
Large Use - Regular Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7406		533,970	395,453	3.6%	395,453	0.7406
Large Use - Regular Service Classification	Retail Transmission Rate - Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.8441		533,970	984,720	8.9%	984,720	1.8441
Large Use - 3ts Service Classification	Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7406		574,900	425,765	3.8%	425,765	0.7406
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054	2,327,575	0	12,504	0.1%	12,504	0.0054
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6980		2,059	3,496	0.0%	3,496	1.6980
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6963		18,863	31,997	0.3%	31,997	1.6963

Incentive Rate-setting Mechanism Rate Generator for 2021 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 2020 value and will be updated by OEB staff at a later date.

Price Escalator	2.00%	Productivity Factor	0.00%
Choose Stretch Factor Group	III	Price Cap Index	1.70%
Associated Stretch Factor Value	0.30%		

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	26.25				1.70%	26.70	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	27.29		0.0172		1.70%	27.75	0.0175
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	107.93		4.8056		1.70%	109.76	4.8873
LARGE USE - REGULAR SERVICE CLASSIFICATION	9072.46		2.6921		1.70%	9,226.69	2.7379
LARGE USE - 3TS SERVICE CLASSIFICATION	38504.89		3.6647		1.70%	39,159.47	3.7270
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	11.11				1.70%	11.30	0.0000
SENTINEL LIGHTING SERVICE CLASSIFICATION	12.44				1.70%	12.65	0.0000
STREET LIGHTING SERVICE CLASSIFICATION	5.27				1.70%	5.36	0.0000
microFIT SERVICE CLASSIFICATION	5.4					4.55	

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

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

Regulatory Charges

Effective Date of Regulatory Charges		January 1, 2020	January 1, 2021
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.25	0.25

Time-of-Use RPP Prices

As of		June 1, 2020
Off-Peak	\$/kWh	0.1280
Mid-Peak	\$/kWh	0.1280
On-Peak	\$/kWh	0.1280

Smart Meter Entity Charge (SME)

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

	\$	36.86
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Miscellaneous Service Charges

Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	44.50	2.00%	45.39

Retail Service Charges

		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	102.00	2.00%	104.04
Monthly fixed charge, per retailer	\$	40.80	2.00%	41.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.02	2.00%	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61	2.00%	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)	2.00%	(0.62)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	\$	0.51	2.00%	0.52
Processing fee, per request, applied to the requesting party	\$	1.02	2.00%	1.04
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.08	2.00%	4.16
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.00	2.00%	2.04

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

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

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

Incentive Rate-setting Mechanism Rate Generator for 2021 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, 2020) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).
In column G, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B). Sub-total A refers to rates/rate riders that are considered as pass through costs (eg. LRAMVA and ICMACM 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	

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	

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	

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	

LARGE USE - 3TS 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	

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	

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	

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	

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	

Appendix C

Proposed 2021 Tariff of Rates and Charges

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2020-0017

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	\$	26.70
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 (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0009
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0006)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0084
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

MONTHLY RATES AND CHARGES - Regulatory Component

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

ENWIN Utilities Ltd.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2020-0017

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	\$	27.75
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0175
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0009
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0006)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kWh	(0.0027)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
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, 2021
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2020-0017

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	\$	109.76
Distribution Volumetric Rate	\$/kW	4.8873
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0009
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	0.3163
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.2091)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(0.0330)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.0448)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6339
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.8559

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MONTHLY RATES AND CHARGES - Regulatory Component

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

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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.

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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	\$	9,226.69
Distribution Volumetric Rate	\$/kW	2.7379
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0009
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	0.1058
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.2694)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(0.0450)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.4986)
Retail Transmission Rate - Network Service Rate	\$/kW	3.6246
Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7406
Retail Transmission Rate - Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.8441

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MONTHLY RATES AND CHARGES - Regulatory Component

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

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LARGE USE - 3TS SERVICE CLASSIFICATION

This classification applies to a customer whose monthly peak load, averaged over 12 consecutive months, is equal to or greater than 5,000 kW and the premise 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.

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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	\$	39,159.47
Distribution Volumetric Rate	\$/kW	3.7270
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	0.2566
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.2686)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(0.0432)
Rate Rider for Disposition of Account 1575 (2020) - effective until December 31, 2024	\$/kW	(1.4215)
Retail Transmission Rate - Network Service Rate	\$/kW	3.6246
Retail Transmission Rate - Line Connection Service Rate (see Gross Load Billing Note)	\$/kW	0.7406

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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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.

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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)	\$	11.30
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 (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0009
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$	(0.17)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
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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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.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	12.65
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 (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0009
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$	(0.08)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4099
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6980

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)	\$	5.36
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 (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0009
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$	(0.01)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6963

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)	\$	45.39

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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.

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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	\$	104.04
Monthly fixed charge, per retailer	\$	41.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.16

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 2021 Bill Impacts



Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2020 of \$0.1368/kWh (IESO's Monthly Market Report for May 2020) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

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

Table 1

[illegible]

Table 2

[illegible]

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

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 26.25	1	\$ 26.25	\$ 26.70	1	\$ 26.70	\$ 0.45	1.71%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ (1.64)	1	\$ (1.64)	\$ (1.64)	1	\$ (1.64)	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0012	750	\$ 0.90	\$ 0.0001	750	\$ 0.08	\$ (0.83)	-91.67%
Sub-Total A (excluding pass through)			\$ 25.51			\$ 25.14	\$ (0.38)	-1.47%
Line Losses on Cost of Power	\$ 0.1280	23	\$ 2.99	\$ 0.1280	23	\$ 2.99	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0002	750	\$ 0.15	\$ 0.0006	750	\$ (0.45)	\$ (0.60)	-400.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ (0.98)	1	\$ (0.98)	\$ -	1	\$ -	\$ 0.98	-100.00%
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 28.24			\$ 28.24	\$ 0.01	0.02%
RTSR - Network	\$ 0.0087	773	\$ 6.73	\$ 0.0084	773	\$ 6.50	\$ (0.23)	-3.45%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	773	\$ 4.56	\$ 0.0058	773	\$ 4.49	\$ (0.08)	-1.69%
Sub-Total C - Delivery (including Sub-Total B)			\$ 39.53			\$ 39.22	\$ (0.30)	-0.77%
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	\$ 0.1280	480	\$ 61.44	\$ 0.1280	480	\$ 61.44	\$ -	0.00%
TOU - Mid Peak	\$ 0.1280	135	\$ 17.28	\$ 0.1280	135	\$ 17.28	\$ -	0.00%
TOU - On Peak	\$ 0.1280	135	\$ 17.28	\$ 0.1280	135	\$ 17.28	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 138.79			\$ 138.49	\$ (0.30)	-0.22%
HST	13%		\$ 18.04	13%		\$ 18.00	\$ (0.04)	-0.22%
Ontario Electricity Rebate	31.8%		\$ (44.14)	31.8%		\$ (44.04)	\$ 0.10	-
Total Bill on TOU			\$ 112.70			\$ 112.45	\$ (0.25)	-0.22%

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	\$ 27.29	1	\$ 27.29	\$ 27.75	1	\$ 27.75	\$ 0.46	1.69%
Distribution Volumetric Rate	\$ 0.0172	2000	\$ 34.40	\$ 0.0175	2000	\$ 35.00	\$ 0.60	1.74%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0011	2000	\$ (2.20)	\$ 0.0019	2000	\$ (3.80)	\$ (1.60)	72.73%
Sub-Total A (excluding pass through)			\$ 59.49			\$ 58.95	\$ (0.54)	-0.91%
Line Losses on Cost of Power	\$ 0.1280	62	\$ 7.96	\$ 0.1280	62	\$ 7.96	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0003	2,000	\$ 0.60	\$ 0.0006	2,000	\$ (1.20)	\$ (1.80)	-300.00%
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)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ 0.0016	2,000	\$ (3.20)	\$ -	2,000	\$ -	\$ 3.20	-100.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 65.42			\$ 66.28	\$ 0.86	1.31%
RTSR - Network	\$ 0.0080	2,062	\$ 16.50	\$ 0.0078	2,062	\$ 16.09	\$ (0.41)	-2.50%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0055	2,062	\$ 11.34	\$ 0.0054	2,062	\$ 11.14	\$ (0.21)	-1.82%
Sub-Total C - Delivery (including Sub-Total B)			\$ 93.26			\$ 93.50	\$ 0.24	0.26%
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	\$ 0.1280	1,280	\$ 163.84	\$ 0.1280	1,280	\$ 163.84	\$ -	0.00%
TOU - Mid Peak	\$ 0.1280	360	\$ 46.08	\$ 0.1280	360	\$ 46.08	\$ -	0.00%
TOU - On Peak	\$ 0.1280	360	\$ 46.08	\$ 0.1280	360	\$ 46.08	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 357.55			\$ 357.80	\$ 0.24	0.07%
HST	13%		\$ 46.48	13%		\$ 46.51	\$ 0.03	0.07%
Ontario Electricity Rebate	31.8%		\$ (113.70)	31.8%		\$ (113.78)	\$ (0.08)	
Total Bill on TOU			\$ 290.33			\$ 290.53	\$ 0.20	0.07%

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	65,000	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	\$ 107.93	1	\$ 107.93	\$ 109.76	1	\$ 109.76	\$ 1.83	1.70%
Distribution Volumetric Rate	\$ 4.8056	200	\$ 961.12	\$ 4.8873	200	\$ 977.46	\$ 16.34	1.70%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.4892	200	\$ (97.84)	\$ 0.7285	200	\$ (145.70)	\$ (47.86)	48.92%
Sub-Total A (excluding pass through)			\$ 971.21			\$ 941.52	\$ (29.69)	-3.06%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.1242	200	\$ 24.84	\$ 0.2421	200	\$ (48.42)	\$ (73.26)	-294.93%
CBR Class B Rate Riders	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	
GA Rate Riders	\$ 0.0034	65,000	\$ (221.00)	\$ 0.0009	65,000	\$ 58.50	\$ 279.50	-126.47%
Low Voltage Service Charge	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ 0.6246	200	\$ (124.92)	\$ -	200	\$ -	\$ 124.92	-100.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 650.13			\$ 951.60	\$ 301.47	46.37%
RTSR - Network	\$ 2.7166	200	\$ 543.32	\$ 2.6339	200	\$ 526.78	\$ (16.54)	-3.04%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9000	200	\$ 380.00	\$ 1.8559	200	\$ 371.18	\$ (8.82)	-2.32%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,573.45			\$ 1,849.56	\$ 276.11	17.55%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	67,022	\$ 227.87	\$ 0.0034	67,022	\$ 227.87	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	67,022	\$ 33.51	\$ 0.0005	67,022	\$ 33.51	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1368	67,022	\$ 9,168.54	\$ 0.1368	67,022	\$ 9,168.54	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 11,003.63			\$ 11,279.74	\$ 276.11	2.51%
HST	13%		\$ 1,430.47	13%		\$ 1,466.37	\$ 35.89	2.51%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 12,434.10			\$ 12,746.10	\$ 312.00	2.51%

Customer Class:	LARGE USE - REGULAR SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	3,912,000	kWh
Demand	7,400	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	\$ 9,072.46	1	\$ 9,072.46	\$ 9,226.69	1	\$ 9,226.69	\$ 154.23	1.70%
Distribution Volumetric Rate	\$ 2.6921	7400	\$ 19,921.54	\$ 2.7379	7400	\$ 20,260.46	\$ 338.92	1.70%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 1.2678	7400	\$ (9,381.72)	\$ 1.3928	7400	\$ (10,306.72)	\$ (925.00)	9.86%
Sub-Total A (excluding pass through)			\$ 19,612.28			\$ 19,180.43	\$ (431.85)	-2.20%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.1703	7,400	\$ 1,260.22	\$ 0.3144	7,400	\$ (2,326.56)	\$ (3,586.78)	-284.62%
CBR Class B Rate Riders	\$ -	7,400	\$ -	\$ -	7,400	\$ -	\$ -	
GA Rate Riders	\$ 0.0034	3,912,000	\$ (13,300.80)	\$ 0.0009	3,912,000	\$ 3,520.80	\$ 16,821.60	-126.47%
Low Voltage Service Charge	\$ -	7,400	\$ -	\$ -	7,400	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ 0.8959	7,400	\$ (6,629.66)	\$ -	7,400	\$ -	\$ 6,629.66	-100.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 942.04			\$ 20,374.67	\$ 19,432.63	2062.82%
RTSR - Network	\$ 3.7385	7,400	\$ 27,664.90	\$ 3.6246	7,400	\$ 26,822.04	\$ (842.86)	-3.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.6462	7,400	\$ 19,581.88	\$ 2.5847	7,400	\$ 19,126.78	\$ (455.10)	-2.32%
Sub-Total C - Delivery (including Sub-Total B)			\$ 48,188.82			\$ 66,323.49	\$ 18,134.67	37.63%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	3,929,604	\$ 13,360.65	\$ 0.0034	3,929,604	\$ 13,360.65	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	3,929,604	\$ 1,964.80	\$ 0.0005	3,929,604	\$ 1,964.80	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1368	3,929,604	\$ 537,569.83	\$ 0.1368	3,929,604	\$ 537,569.83	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 601,084.35			\$ 619,219.02	\$ 18,134.67	3.02%
HST	13%		\$ 78,140.97	13%		\$ 80,498.47	\$ 2,357.51	3.02%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 679,225.32			\$ 699,717.50	\$ 20,492.18	3.02%

Customer Class:	LARGE USE - 3TS SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	8,087,000	kWh
Demand	16,000	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	\$ 38,504.89	1	\$ 38,504.89	\$ 39,159.47	1	\$ 39,159.47	\$ 654.58	1.70%
Distribution Volumetric Rate	\$ 3.6647	16000	\$ 58,635.20	\$ 3.7270	16000	\$ 59,632.00	\$ 996.80	1.70%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.8672	16000	\$ (13,875.20)	\$ 1.1649	16000	\$ (18,638.40)	\$ (4,763.20)	34.33%
Sub-Total A (excluding pass through)			\$ 83,264.89			\$ 80,153.07	\$ (3,111.82)	-3.74%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.1678	16,000	\$ 2,684.80	\$ 0.3118	16,000	\$ (4,988.80)	\$ (7,673.60)	-285.82%
CBR Class B Rate Riders	\$ -	16,000	\$ -	\$ -	16,000	\$ -	\$ -	
GA Rate Riders	\$ -	8,087,000	\$ -	\$ -	8,087,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	16,000	\$ -	\$ -	16,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ 0.8498	16,000	\$ (13,596.80)	\$ -	16,000	\$ -	\$ 13,596.80	-100.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 72,352.89			\$ 75,164.27	\$ 2,811.38	3.89%
RTSR - Network	\$ 3.7385	16,000	\$ 59,816.00	\$ 3.6246	16,000	\$ 57,993.60	\$ (1,822.40)	-3.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.7582	16,000	\$ 12,131.20	\$ 0.7406	16,000	\$ 11,849.60	\$ (281.60)	-2.32%
Sub-Total C - Delivery (including Sub-Total B)			\$ 144,300.09			\$ 145,007.47	\$ 707.38	0.49%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	8,123,392	\$ 27,619.53	\$ 0.0034	8,123,392	\$ 27,619.53	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	8,123,392	\$ 4,061.70	\$ 0.0005	8,123,392	\$ 4,061.70	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1368	8,123,392	\$ 1,111,279.96	\$ 0.1368	8,123,392	\$ 1,111,279.96	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 1,287,261.52			\$ 1,287,968.90	\$ 707.38	0.05%
HST	13%		\$ 167,344.00	13%		\$ 167,435.96	\$ 91.96	0.05%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 1,454,605.52			\$ 1,455,404.86	\$ 799.34	0.05%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	6,100	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	\$ 11.11	23	\$ 255.53	\$ 11.30	23	\$ 259.90	\$ 4.37	1.71%
Distribution Volumetric Rate	\$ -	6100	\$ -	\$ -	6100	\$ -	\$ -	-
Fixed Rate Riders	\$ (0.69)	23	\$ (15.87)	\$ (0.69)	23	\$ (15.87)	\$ -	0.00%
Volumetric Rate Riders	\$ -	6100	\$ -	\$ -	6100	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 239.66			\$ 244.03	\$ 4.37	1.82%
Line Losses on Cost of Power	\$ 0.1280	190	\$ 24.28	\$ 0.1280	190	\$ 24.28	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	6,100	\$ -	\$ -	6,100	\$ -	\$ -	-
CBR Class B Rate Riders	\$ -	6,100	\$ -	\$ -	6,100	\$ -	\$ -	-
GA Rate Riders	\$ -	6,100	\$ -	\$ -	6,100	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	6,100	\$ -	\$ -	6,100	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	23	\$ -	\$ -	23	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ (0.33)	23	\$ (7.59)	\$ (0.17)	23	\$ (3.91)	\$ 3.68	-48.48%
Additional Volumetric Rate Riders	\$ -	6,100	\$ -	\$ -	6,100	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 256.35			\$ 264.40	\$ 8.05	3.14%
RTSR - Network	\$ 0.0080	6,290	\$ 50.32	\$ 0.0078	6,290	\$ 49.06	\$ (1.26)	-2.50%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0055	6,290	\$ 34.59	\$ 0.0054	6,290	\$ 33.96	\$ (0.63)	-1.82%
Sub-Total C - Delivery (including Sub-Total B)			\$ 341.26			\$ 347.43	\$ 6.16	1.81%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	6,290	\$ 21.39	\$ 0.0034	6,290	\$ 21.39	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	6,290	\$ 3.14	\$ 0.0005	6,290	\$ 3.14	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	23	\$ 5.75	\$ 0.25	23	\$ 5.75	\$ -	0.00%
TOU - Off Peak	\$ 0.1280	3,904	\$ 499.71	\$ 0.1280	3,904	\$ 499.71	\$ -	0.00%
TOU - Mid Peak	\$ 0.1280	1,098	\$ 140.54	\$ 0.1280	1,098	\$ 140.54	\$ -	0.00%
TOU - On Peak	\$ 0.1280	1,098	\$ 140.54	\$ 0.1280	1,098	\$ 140.54	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 1,152.34			\$ 1,158.51	\$ 6.16	0.53%
HST	13%		\$ 149.80	13%		\$ 150.61	\$ 0.80	0.53%
Ontario Electricity Rebate	31.8%		\$ (366.45)	31.8%		\$ (368.41)	\$ (1.96)	-
Total Bill on TOU			\$ 935.70			\$ 940.71	\$ 5.00	0.53%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	250	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	\$ 12.44	2	\$ 24.88	\$ 12.65	2	\$ 25.30	\$ 0.42	1.69%
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)			\$ 24.24			\$ 24.66	\$ 0.42	1.73%
Line Losses on Cost of Power	\$ 0.1280	8	\$ 1.00	\$ 0.1280	8	\$ 1.00	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
GA Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	2	\$ -	\$ -	2	\$ -	\$ -	
Additional Fixed Rate Riders	\$ (0.15)	2	\$ (0.30)	\$ (0.08)	2	\$ (0.16)	\$ 0.14	-46.67%
Additional Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 24.94			\$ 25.50	\$ 0.56	2.25%
RTSR - Network	\$ 2.4856	1	\$ 2.49	\$ 2.4099	1	\$ 2.41	\$ (0.08)	-3.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7384	1	\$ 1.74	\$ 1.6980	1	\$ 1.70	\$ (0.04)	-2.32%
Sub-Total C - Delivery (including Sub-Total B)			\$ 29.16			\$ 29.60	\$ 0.44	1.52%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	258	\$ 0.88	\$ 0.0034	258	\$ 0.88	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	258	\$ 0.13	\$ 0.0005	258	\$ 0.13	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	2	\$ 0.50	\$ 0.25	2	\$ 0.50	\$ -	0.00%
TOU - Off Peak	\$ 0.1280	160	\$ 20.48	\$ 0.1280	160	\$ 20.48	\$ -	0.00%
TOU - Mid Peak	\$ 0.1280	45	\$ 5.76	\$ 0.1280	45	\$ 5.76	\$ -	0.00%
TOU - On Peak	\$ 0.1280	45	\$ 5.76	\$ 0.1280	45	\$ 5.76	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 62.66			\$ 63.11	\$ 0.44	0.71%
HST	13%		\$ 8.15	13%		\$ 8.20	\$ 0.06	0.71%
Ontario Electricity Rebate	31.8%		\$ (19.93)	31.8%		\$ (20.07)	\$ (0.14)	
Total Bill on TOU			\$ 50.88			\$ 51.24	\$ 0.36	0.71%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	272,500	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	\$ 5.27	12245	\$ 64,531.15	\$ 5.36	12245	\$ 65,633.20	\$ 1,102.05	1.71%
Distribution Volumetric Rate	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
Fixed Rate Riders	\$ (0.06)	12245	\$ (734.70)	\$ (0.06)	12245	\$ (734.70)	\$ -	0.00%
Volumetric Rate Riders	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 63,796.45			\$ 64,898.50	\$ 1,102.05	1.73%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
Riders	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
GA Rate Riders	\$ 0.0034	272,500	\$ (926.50)	\$ 0.0009	272,500	\$ 245.25	\$ 1,171.75	-126.47%
Low Voltage Service Charge	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	12245	\$ -	\$ -	12245	\$ -	\$ -	
Additional Fixed Rate Riders	\$ (0.03)	12245	\$ (367.35)	\$ (0.01)	12245	\$ (122.45)	\$ 244.90	-66.67%
Additional Volumetric Rate Riders	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 62,502.60			\$ 65,021.30	\$ 2,518.70	4.03%
RTSR - Network	\$ 2.4826	800	\$ 1,986.08	\$ 2.4070	800	\$ 1,925.60	\$ (60.48)	-3.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7366	800	\$ 1,389.28	\$ 1.6963	800	\$ 1,357.04	\$ (32.24)	-2.32%
Sub-Total C - Delivery (including Sub-Total B)			\$ 65,877.96			\$ 68,303.94	\$ 2,425.98	3.68%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	280,975	\$ 955.31	\$ 0.0034	280,975	\$ 955.31	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	280,975	\$ 140.49	\$ 0.0005	280,975	\$ 140.49	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	12245	\$ 3,061.25	\$ 0.25	12245	\$ 3,061.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1368	280,975	\$ 38,437.35	\$ 0.1368	280,975	\$ 38,437.35	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 108,472.36			\$ 110,898.34	\$ 2,425.98	2.24%
HST	13%		\$ 14,101.41	13%		\$ 14,416.78	\$ 315.38	2.24%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 122,573.76			\$ 125,315.12	\$ 2,741.36	2.24%

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	\$ 26.25	1	\$ 26.25	\$ 26.70	1	\$ 26.70	\$ 0.45	1.71%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ (1.64)	1	\$ (1.64)	\$ (1.64)	1	\$ (1.64)	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0012	750	\$ 0.90	\$ 0.0001	750	\$ 0.08	\$ (0.83)	-91.67%
Sub-Total A (excluding pass through)			\$ 25.51			\$ 25.14	\$ (0.38)	-1.47%
Line Losses on Cost of Power	\$ 0.1368	23	\$ 3.19	\$ 0.1368	23	\$ 3.19	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0002	750	\$ 0.15	\$ 0.0006	750	\$ (0.45)	\$ (0.60)	-400.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ 0.0034	750	\$ (2.55)	\$ 0.0009	750	\$ 0.68	\$ 3.23	-126.47%
Low Voltage Service Charge	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ (0.98)	1	\$ (0.98)	\$ -	1	\$ -	\$ 0.98	-100.00%
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 25.89			\$ 29.12	\$ 3.23	12.48%
RTSR - Network	\$ 0.0087	773	\$ 6.73	\$ 0.0084	773	\$ 6.50	\$ (0.23)	-3.45%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	773	\$ 4.56	\$ 0.0058	773	\$ 4.49	\$ (0.08)	-1.69%
Sub-Total C - Delivery (including Sub-Total B)			\$ 37.18			\$ 40.10	\$ 2.92	7.86%
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	\$ 0.1368	750	\$ 102.60	\$ 0.1368	750	\$ 102.60	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 142.80			\$ 145.72	\$ 2.92	2.05%
HST	13%		\$ 18.56	13%		\$ 18.94	\$ 0.38	2.05%
Ontario Electricity Rebate	31.8%		\$ (45.41)	31.8%		\$ (46.34)	\$ (0.93)	-2.05%
Total Bill on Non-RPP Avg. Price			\$ 115.95			\$ 118.32	\$ 2.37	2.05%

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	\$ 27.29	1	\$ 27.29	\$ 27.75	1	\$ 27.75	\$ 0.46	1.69%
Distribution Volumetric Rate	\$ 0.0172	2000	\$ 34.40	\$ 0.0175	2000	\$ 35.00	\$ 0.60	1.74%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0011	2000	\$ (2.20)	\$ 0.0019	2000	\$ (3.80)	\$ (1.60)	72.73%
Sub-Total A (excluding pass through)			\$ 59.49			\$ 58.95	\$ (0.54)	-0.91%
Line Losses on Cost of Power	\$ 0.1368	62	\$ 8.51	\$ 0.1368	62	\$ 8.51	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0003	2,000	\$ 0.60	\$ 0.0006	2,000	\$ (1.20)	\$ (1.80)	-300.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ 0.0034	2,000	\$ (6.80)	\$ 0.0009	2,000	\$ 1.80	\$ 8.60	-126.47%
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ 0.0016	2,000	\$ (3.20)	\$ -	2,000	\$ -	\$ 3.20	-100.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 59.17			\$ 68.63	\$ 9.46	15.99%
RTSR - Network	\$ 0.0080	2,062	\$ 16.50	\$ 0.0078	2,062	\$ 16.09	\$ (0.41)	-2.50%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0055	2,062	\$ 11.34	\$ 0.0054	2,062	\$ 11.14	\$ (0.21)	-1.82%
Sub-Total C - Delivery (including Sub-Total B)			\$ 87.01			\$ 95.85	\$ 8.84	10.16%
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	\$ 0.1368	2,000	\$ 273.60	\$ 0.1368	2,000	\$ 273.60	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 368.65			\$ 377.49	\$ 8.84	2.40%
HST	13%		\$ 47.92	13%		\$ 49.07	\$ 1.15	2.40%
Ontario Electricity Rebate	31.8%		\$ (117.23)	31.8%		\$ (120.04)		
Total Bill on Non-RPP Avg. Price			\$ 299.34			\$ 306.52	\$ 7.18	2.40%

Appendix E

2021 GA Analysis Workform (2019)



GA Analysis Workform

Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells
Drop down cells

Utility Name ENWIN UTILITIES LTD.

Note 1

For Account 1589,

a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis.

2018

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

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

ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)

Instructions:

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the GA Analysis Workform tabs and the Principal Adjustments tab.

For example:

- Scenario a - If 2018 balances were last approved on a final basis - Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bi - If 2018 balances were last approved on an interim basis and there are no changes to 2018 balances - Select 2018 and a

GA

Analysis Workform for 2019 will be generated.

- Scenario bii - If 2018 balances were last approved on an interim basis, there are changes to 2018 balances, and 2017 balances were last

approved for disposition - Select 2017 and GA Analysis Workforms for 2018 and 2019 will be generated.

2) Complete the GA Analysis Workform for each year generated.

3) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in one Principal Adjustments tab, depending on the year selected on the Information Sheet.

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
2019	\$ 1,151,654	\$ 854,906	\$ 344,985	\$ 1,199,891	\$ 48,237	\$ 61,399,329	0.1%
Cumulative Balance	\$ 1,151,654	\$ 854,906	\$ 344,985	\$ 1,199,891	\$ 48,237	\$ 61,399,329	N/A

GA Analysis Workform

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

Year		2019		
Total Metered excluding WMP	C = A+B	2,075,899,054	kWh	100%
RPP	A	935,974,729	kWh	45.1%
Non-RPP	B = D+E	1,139,924,324	kWh	54.9%
Non-RPP Class A	D	594,967,199	kWh	28.7%
Non-RPP Class B*	E	544,957,125	kWh	26.3%

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

Note 3 GA Billing Rate

GA is billed on the

1st Estimate

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

Yes

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

Yes

Note 4 Analysis of Expected GA Amount

Year	2019									
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)	
	F	G	H	I = F-G+H	J	K = I*J	L	M = F*L	=M-K	
January	50,848,579			50,848,579	0.06741	\$ 3,427,703	0.08092	\$ 4,114,667	\$ 686,964	
February	45,298,375			45,298,375	0.09657	\$ 4,374,464	0.08812	\$ 3,991,693	\$ (382,771)	
March	48,973,330			48,973,330	0.08105	\$ 3,969,288	0.08041	\$ 3,937,945	\$ (31,343)	
April	42,787,282			42,787,282	0.08129	\$ 3,478,178	0.12333	\$ 5,276,956	\$ 1,798,777	
May	44,608,337			44,608,337	0.12860	\$ 5,736,632	0.12604	\$ 5,622,435	\$ (114,197)	
June	47,792,662			47,792,662	0.12444	\$ 5,947,319	0.13728	\$ 6,560,977	\$ 613,658	
July	54,305,514			54,305,514	0.13527	\$ 7,345,907	0.09645	\$ 5,237,767	\$ (2,108,140)	
August	52,046,626			52,046,626	0.07211	\$ 3,753,082	0.12607	\$ 6,561,518	\$ 2,808,436	
September	46,865,164			46,865,164	0.12934	\$ 6,061,540	0.12263	\$ 5,747,075	\$ (314,465)	
October	43,148,609			43,148,609	0.17878	\$ 7,714,108	0.13680	\$ 5,902,730	\$ (1,811,379)	
November	42,819,414			42,819,414	0.10727	\$ 4,593,238	0.09953	\$ 4,261,816	\$ (331,422)	
December	44,885,214			44,885,214	0.08569	\$ 3,846,214	0.09321	\$ 4,183,751	\$ 337,537	
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	564,379,106	-	-	564,379,106		\$ 60,247,674		\$ 61,399,329	\$ 1,151,654	

Calculated Loss Factor 1.0356
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW 1.0377
Difference -0.0021

a) Please provide an explanation in the textbox below if columns G and H 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 textbox below if the difference in loss factor is greater than 1%

Not applicable.

Note 5 Reconciling Items

Item	Amount	Explanation	Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 854,906		Principal Adjustment on DVA Continuity Schedule If "no", please provide an explanation
CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year			
1a 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	\$ (391,420)	Difference between December 2019 unbilled Estimate and Actuals recorded in 2020	Yes
3a actual from load transfers		No long term load transfers	
3b actual from load transfers		No long term load transfers	
3 Significant prior period billing adjustments recorded in current year	\$ 64,216	Impact of cancel/rebills on GA revenue / costs recorded in 2019	No
4 Differences in actual system losses and billed TLFs	\$ 633,402	Impact on Class B Non-RPP GA costs due primarily to loss factor differences - Class B Non-RPP Billed kWh (table above) compared to Class B Non-RPP proportion of Class B Wholesale kWh for 2019	No
5 CT 2148 for prior period corrections	\$ 38,787	2019 CT 2148 credit allocated to Class B Non-RPP	No
6 Others as justified by distributor			
7			
8			
9			
10			

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ 1,199,891
	Net Change in Expected GA Balance in the Year Per Analysis	\$ 1,151,654
	Unresolved Difference	\$ 48,237
	Unresolved Difference as % of Expected GA Payments to IESO	0.1%

GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

Note 7 **Breakdown of principal adjustments included in last approved balance:**

Account 1589 - RSVA Global Adjustment			
Adjustment Description	Amount	To be reversed in current application?	Explanation if not to be reversed in current application
1 Unbilled to actual revenue differences	180,380	No	2017 adj. reversal
2 True-up GA charges based on actual Non-RPP volumes prior year	2,024	No	2017 adj. reversal
3			
4			
5			
6			
7			
8			
Total	182,404		
Total principal adjustments included in last approved balance	182,404		
Difference	-		

Account 1588 - RSVA Power			
Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1 True-up GA charges based on actual Non-RPP volumes prior year	(2,024)	No	2017 adj. reversal
2 True-up to December 2018 Embedded Generation Cost of Power. See	23,484	Yes	
3			
4			
5			
6			
7			
8			
Total	21,461		
Total principal adjustments included in last approved balance	21,461		
Difference	(0)		

Note 8 **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. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.

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

Year	Account 1589 - RSVA Global Adjustment		
	Adjustment Description	Amount	Year Recorded in GL
	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes		
	2 Unbilled to actual revenue differences	(391,420)	2020
	3		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(391,420)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(391,420)	

Year	Account 1588 - RSVA Power		
	Adjustment Description	Amount	Year Recorded in GL
	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2 True-up to December 2018 Embedded Generation Cost of Power. See	(23,484.44)	2,019
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(23,484)	
	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals		
	3 Unbilled to actual revenue differences		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	-	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(23,484)	

Appendix F

LRAMVA Workform



Ontario Energy Board

Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 5.0 (2021)

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. 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.
3-a. Rate Class Allocations	A blank spreadsheet is provided to allow LDCs to populate distributor specific rate class percentages to allocate actual CDM savings to different customer classes.
4. 2011-2014 LRAM	Tables 4-a, 4-b, 4-c and 4-d include the template 2011-2014 LRAMVA work forms.
5. 2015-2020 LRAM	Tables 5-a, 5-b, 5-c and 5-d include the template 2015-2020 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

Version 5.0 (2021)

Tab	Instructions
LRAMVA Checklist/Schematic Tab	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. - 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. 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.
Tab 3-a. Rate Class Allocations	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
Tabs 4 and 5 (2011-2020)	Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following: - 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.
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. 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
Not Applicable	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
Not Applicable	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
Not Applicable	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
Yes	o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a

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. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
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. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges (\$) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA (\$) by Rate Class	Tab "1. LRAMVA Summary"			



LRAMVA Work Form:
Summary Tab

Version 5.0 (2021)

Legend	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)
LDC Name	ENWIN Utilities Ltd.

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-2019-0032
Application of Previous LRAMVA Claim	2020 COS Application
Period of LRAMVA Claimed in Previous Application	2017-2018
Amount of LRAMVA Claimed in Previous Application	\$ 2,771,982.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2020-0017
Application of Current LRAMVA Claim	2021 IRM Application
Period of New LRAMVA in this Application	2019
Period of Rate Recovery (# years)	1

C. Documentation of Changes

Original Amount	
Amount for Final Disposition	

Actual Lost Revenues (\$)	A	\$ 1,164,019
Forecast Lost Revenues (\$)	B	\$ -
Carrying Charges (\$)	C	\$ 27,701
LRAMVA (\$) for Account 1568	A-B+C	\$ 1,191,720

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	\$56,388	\$1,342	\$57,730
General Service < 50 kW	kWh	\$159,730	\$3,801	\$163,532
General Service 50 - 4,999 kW	kW	\$736,122	\$17,518	\$753,640
General Service 3,000 - 4,999 kW	kW	\$12,488	\$297	\$12,785
Large Use - Regular	kW	\$55,194	\$1,314	\$56,508
Large Use - 3TS	kW	\$144,293	\$3,434	\$147,726
Large Use - Ford Annex	kW	-\$197	-\$5	-\$202
Other	kW	\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$1,164,019	\$27,701	\$1,191,720

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

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

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

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

Description		LRAMVA Previously Claimed	Residential	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							Total
			kWh	kWh	kW	kW	kW	kW	kW	kW	0	0	0	0	0	0	
2011 Actuals		☒	\$0.00	\$0.00	\$0.00	\$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			\$0.00	\$0.00	\$0.00	\$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		☒	\$0.00	\$0.00	\$0.00	\$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			\$0.00	\$0.00	\$0.00	\$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		☒	\$0.00	\$0.00	\$0.00	\$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			\$0.00	\$0.00	\$0.00	\$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		☒	\$0.00	\$0.00	\$0.00	\$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			\$0.00	\$0.00	\$0.00	\$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		☒	\$0.00	\$0.00	\$0.00	\$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			\$0.00	\$0.00	\$0.00	\$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		☒	\$0.00	\$0.00	\$0.00	\$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			\$0.00	\$0.00	\$0.00	\$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		☒	\$0.00	\$0.00	\$0.00	\$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			\$0.00	\$0.00	\$0.00	\$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		☒	\$0.00	\$0.00	\$0.00	\$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			\$0.00	\$0.00	\$0.00	\$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			\$56,388.25	\$159,730.45	\$736,122.28	\$12,487.89	\$55,194.31	\$144,292.59	(\$197.01)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,164,018.75
2019 Forecast			\$0.00	\$0.00	\$0.00	\$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																	
Carrying Charges			\$1,341.92	\$3,801.25	\$17,518.18	\$297.19	\$1,313.51	\$3,433.86	(\$4.69)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27,701.22
Total LRAMVA Balance			\$57,730	\$163,532	\$753,640	\$12,785	\$56,508	\$147,726	-\$202	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,191,720

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



LRAMVA Work Form: Summary of Changes

Version 5.0 (2021)

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 to pull program level savings (both incre
2	3. Distribution Rates	E23:M23, E30:M30, E37:M37	Overrode formula in cells to remove rounding to 4 decimal place	Allowed ENWIN to tie work form back to supporting document to pull the distribution rates to the sam
3	5. 2015-2020 LRAM	Y571:AM571, Y754:AM754,	Overrode formula and replaced with \$0.00	2017 and 2018 are closed rate years. Only able to claim persistence of these savings in 2019
4	5. 2015-2020 LRAM	Y931:AF939	Overrode formulas in cells Y931 - AF939 to reflect persistent savings in supporting	Allowed ENWIN to tie work form back to supporting document to pull program level savings (both incre
5	5. 2015-2020 LRAM	C853	Changed reference from 'Verified' to 'Unverified'	Used unverified savings for 2019 as IESO announced on March 21, 2019 that they would not be providi
6	5. 2015-2020 LRAM	C488, C491, C500, C671, C67	Added description of 'True-up (Unverified)'	Used unverified adjustments to 2017 and 2018 savings, filed in 2019 as IESO announced on March 21, 2
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

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

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



LRAMVA Work Form:
Forecast Lost Revenues

Version 5.0 (2021)

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

Table 2-a. 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-l. 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	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						
		kWh	kWh	kW	kW	kW	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
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	20XX Settlement Agreement, p. X

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-l. 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	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						
		kWh	kWh	kW	kW	kW	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
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	20XX Settlement Agreement, p. X

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	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						
		kWh	kWh	kW	kW	kW	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
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

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

LRAMVA Work Form:
Distribution Rates

Version 5.0 (2021)

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

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

	Billing Unit	EB-2009-0221	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-2018-0029	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		4	4	4	4	4	4	4	4	4	4		
Period 2 (# months)		8	8	8	8	8	8	8	8	8	8	12	12
Residential		\$ 0.0199	\$ 0.0200	\$ 0.0201	\$ 0.0202	\$ 0.0204	\$ 0.0206	\$ 0.0157	\$ 0.0106	\$ 0.0053	\$ -		
Rate rider for tax sharing		-\$ 0.0003	-\$ 0.0003	-\$ 0.0003	-\$ 0.0003	-\$ 0.0003	-\$ 0.0003	\$ -	\$ -	\$ -	\$ -		
Rate rider for foregone revenue													
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	\$ -	
General Service < 50 kW		\$ 0.0162	\$ 0.0162	\$ 0.0163	\$ 0.0164	\$ 0.0166	\$ 0.0168	\$ 0.0171	\$ 0.0173	\$ 0.0174	\$ 0.0176		
Rate rider for tax sharing		-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0002	-\$ 0.0003		
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 0.0162	\$ 0.0160	\$ 0.0161	\$ 0.0162	\$ 0.0164	\$ 0.0166	\$ 0.0169	\$ 0.0171	\$ 0.0172	\$ 0.0173	\$ -	
Calendar year equivalent			\$ 0.0161	\$ 0.0161	\$ 0.0162	\$ 0.0163	\$ 0.0165	\$ 0.0168	\$ 0.0170	\$ 0.0172	\$ 0.0173	\$ -	
General Service 50 - 4,999 kW		\$ 4.7075	\$ 4.6229	\$ 4.6543	\$ 4.6766	\$ 4.7280	\$ 4.7753	\$ 4.8469	\$ 4.9099	\$ 4.9394	\$ 4.9839		
Rate rider for tax sharing		-\$ 0.0394	-\$ 0.0485	-\$ 0.0485	-\$ 0.0453	-\$ 0.0453	-\$ 0.0500	-\$ 0.0347	-\$ 0.0356	-\$ 0.0352	-\$ 0.0538		
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 4.7075	\$ 4.5835	\$ 4.6058	\$ 4.6313	\$ 4.6827	\$ 4.7253	\$ 4.8122	\$ 4.8743	\$ 4.9042	\$ 4.9301	\$ -	
Calendar year equivalent			\$ 4.6248	\$ 4.5984	\$ 4.6228	\$ 4.6656	\$ 4.7111	\$ 4.7832	\$ 4.8536	\$ 4.8942	\$ 4.9215	\$ -	
General Service 3,000 - 4,999 kW		\$ 1.9306	\$ 1.9341	\$ 1.9473	\$ 1.9566	\$ 1.9781	\$ 1.9879	\$ 2.0279	\$ 2.0543	\$ 2.0666	\$ 2.0852		
Rate rider for tax sharing		-\$ 0.0187	-\$ 0.0229	-\$ 0.0229	-\$ 0.0214	-\$ 0.0214	-\$ 0.0227	-\$ 0.0173	-\$ 0.0177	-\$ 0.0174	-\$ 0.0256		
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 1.9306	\$ 1.9154	\$ 1.9244	\$ 1.9352	\$ 1.9567	\$ 1.9752	\$ 2.0106	\$ 2.0366	\$ 2.0492	\$ 2.0596	\$ -	
Calendar year equivalent			\$ 1.9205	\$ 1.9214	\$ 1.9316	\$ 1.9495	\$ 1.9690	\$ 1.9988	\$ 2.0279	\$ 2.0450	\$ 2.0561	\$ -	
Large Use - Regular		\$ 2.1824	\$ 2.1863	\$ 2.2012	\$ 2.2118	\$ 2.2361	\$ 2.2585	\$ 2.2824	\$ 2.3222	\$ 2.3361	\$ 2.3571		
Rate rider for tax sharing		-\$ 0.0242	-\$ 0.0298	-\$ 0.0278	-\$ 0.0278	-\$ 0.0278	-\$ 0.0294	-\$ 0.0201	-\$ 0.0200	-\$ 0.0194	-\$ 0.0307		
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 2.1824	\$ 2.1621	\$ 2.1714	\$ 2.1840	\$ 2.2083	\$ 2.2291	\$ 2.2723	\$ 2.3022	\$ 2.3167	\$ 2.3264	\$ -	
Calendar year equivalent			\$ 2.1689	\$ 2.1683	\$ 2.1798	\$ 2.2002	\$ 2.2222	\$ 2.2579	\$ 2.2922	\$ 2.3119	\$ 2.3232	\$ -	
Large Use - 3TS		\$ 2.7235	\$ 2.7284	\$ 2.7470	\$ 2.7602	\$ 2.7906	\$ 2.8185	\$ 2.8608	\$ 2.8980	\$ 2.9154	\$ 2.9416		
Rate rider for tax sharing		-\$ 0.3210	-\$ 0.0395	-\$ 0.0395	-\$ 0.0369	-\$ 0.0369	-\$ 0.0390	-\$ 0.0335	-\$ 0.0361	-\$ 0.0341	-\$ 0.0532		
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 2.7235	\$ 2.4074	\$ 2.7075	\$ 2.7233	\$ 2.7537	\$ 2.7795	\$ 2.8273	\$ 2.8619	\$ 2.8813	\$ 2.8884	\$ -	
Calendar year equivalent			\$ 2.5128	\$ 2.6075	\$ 2.7180	\$ 2.7436	\$ 2.7709	\$ 2.8114	\$ 2.8504	\$ 2.8748	\$ 2.8860	\$ -	
Large Use - Ford Annex		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Rate rider for tax sharing		-\$ 0.0693	-\$ 0.0852	-\$ 0.0852	-\$ 0.0796	-\$ 0.0796	-\$ 0.0842	-\$ 0.0914	-\$ 0.0957	-\$ 0.1060	-\$ 0.1679		
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	-\$ 0.0693	-\$ 0.0852	-\$ 0.0796	-\$ 0.0796	-\$ 0.0842	-\$ 0.0914	-\$ 0.0957	-\$ 0.1060	-\$ 0.1679	\$ -	
Calendar year equivalent			-\$ 0.0462	-\$ 0.0799	-\$ 0.0815	-\$ 0.0796	-\$ 0.0827	-\$ 0.0890	-\$ 0.0943	-\$ 0.1026	-\$ 0.1473	\$ -	
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			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0													
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			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0													
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			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0													
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 Tabs 4 and 5.

Year	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						
	kWh	kWh	kW	kW	kW	kW	kW	kW	0	0	0	0	0	0
2011	\$0.0198	\$0.0161	\$4.6248	\$1.9205	\$2.1689	\$2.5128	(\$0.0462)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0198	\$0.0161	\$4.5984	\$1.9214	\$2.1683	\$2.6075	(\$0.0799)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0199	\$0.0162	\$4.6228	\$1.9316	\$2.1788	\$2.7189	(\$0.0815)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0200	\$0.0163	\$4.6656	\$1.9495	\$2.2002	\$2.7436	(\$0.0796)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0202	\$0.0165	\$4.7111	\$1.9690	\$2.2222	\$2.7709	(\$0.0827)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0172	\$0.0168	\$4.7832	\$1.9988	\$2.2579	\$2.8114	(\$0.0890)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0123	\$0.0170	\$4.8536	\$2.0279	\$2.2922	\$2.8504	(\$0.0943)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0071	\$0.0172	\$4.8942	\$2.0450	\$2.3119	\$2.8748	(\$0.1026)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0018	\$0.0173	\$4.9215	\$2.0561	\$2.3232	\$2.8860	(\$0.1473)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

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



Ontario Energy Board

LRAMVA Work Form: Determination of Rate Class Allocations

Version 5.0 (2021)

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.

Example:

Program Name	Save On Energy Retrofit Program				
Project Completion Year	2019				
Application included in 2018 LRAM Claim?	(All)				
Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)		% Allocation of kW	% Allocation of kWh
<50 kW	11.00	59,527.34		3.95%	3.23%
>5 MW	72.94	324,667.96		26.17%	17.63%
>5 MW 3TS	26.44	193,813.35		9.49%	10.53%
>50 kW	168.33	1,263,354.66		60.40%	68.61%
Grand Total	278.70	1,841,363.31			
			CHECK	100.00%	100.00%



LRAMVA Work Form:
2011 - 2014 Lost Revenues Work Form

Version 5.0 (2021)

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

Instructions	1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.
	2. Please ensure that the IESO verified savings adjustments apply back 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. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.
	3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.
	4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.
	5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables	Table 4-a. 2011 Lost Revenues
	Table 4-b. 2012 Lost Revenues
	Table 4-c. 2013 Lost Revenues
	Table 4-d. 2014 Lost Revenues

Table 4-a. 2011 Lost Revenues Work Form																																							
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														
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2011		2012	2013	2014	2015	2016	2017	2018	2019	2020	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							Total		
Consumer Program																																							
Appliance Retirement Adjustment to 2011 savings	Verified True-up																							kWh	kWh	kW	kW	kW	kW	kW	kW	0	0	0	0	0	0	0%	
																								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Exchange Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
HVAC Incentives Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Retailer Co-op Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential Demand Response Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential Demand Response (IHD) Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Business Program																																							
Retrofit Adjustment to 2011 savings	Verified True-up										12	12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Direct Install Lighting Adjustment to 2011 savings	Verified True-up										12	12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Building Commissioning Adjustment to 2011 savings	Verified True-up										3	3												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction Adjustment to 2011 savings	Verified True-up										12	12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Energy Audit Adjustment to 2011 savings	Verified True-up										12	12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response (IHD) Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Demand Response 3 Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program																																							
Process & System Upgrades Adjustment to 2011 savings	Verified True-up										12	12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Monitoring & Targeting Adjustment to 2011 savings	Verified True-up										12	12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Energy Manager Adjustment to 2011 savings	Verified True-up										12	12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Retrofit Adjustment to 2011 savings	Verified True-up										12	12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Demand Response 3 Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Home Assistance Program																																							
Home Assistance Program Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Aboriginal Program																																							
Home Assistance Program Adjustment to 2011 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form

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Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form [Return to Top](#)

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Version 5.0 (2021)

Instructions

- LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.
- Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.
- The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.
- LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.
- The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

[Table 5-a. 2015 Lost Revenues](#)
[Table 5-b. 2016 Lost Revenues](#)
[Table 5-c. 2017 Lost Revenues](#)
[Table 5-d. 2018 Lost Revenues](#)
[Table 5-e. 2019 Lost Revenues](#)
[Table 5-f. 2020 Lost Revenues](#)

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Table 5-f. 2020 Lost Revenues Work Form

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Note: LDC to make note of key assumptions included above

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LRAMVA Work Form:
Carrying Charges by Rate Class

Version 5.0 (2021)

Legend

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

Instructions

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

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.45%
2019 Q2	2.18%
2019 Q3	2.18%
2019 Q4	2.18%
2020 Q1	2.18%
2020 Q2	2.18%
2020 Q3	0.57%
2020 Q4	0.57%
2021 Q1	
2021 Q2	
2021 Q3	
2021 Q4	
2022 Q1	
2022 Q2	
2022 Q3	
2022 Q4	
2023 Q1	
2023 Q2	
2023 Q3	
2023 Q4	
2024 Q1	
2024 Q2	
2024 Q3	
2024 Q4	
2025 Q1	
2025 Q2	
2025 Q3	
2025 Q4	

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

[Go to Tab 1: Summary](#)

Month	Period	Quarter	Monthly Rate	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	Total
Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared												
Opening Balance for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared												
Opening Balance for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared												
Opening Balance for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared												
Opening Balance for 2015				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

[Check OEB website](#)

[illegible]



Supporting Documentation:
LDC Persistence Savings Results from IESO

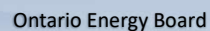
Version 2.0 (2019)

Legend

Color Legend (Green)
Orange Legend (Yellow)
Red Legend (Red)

Instructions
(Page)

- Columns 6 to 11 of this tab have been structured in a way to match the format of the persistence report created by the IESO. Please copy and paste the correct information to column 6 to 11 and the corresponding demand and energy source data to column 12 to 37 of the work book.
- Please identify the source of the report on the dropdown list in Column 1.
- To ensure the identification of customers that may be eligible for a persistence report, it will be easier to add the address to the persistence report. This can be done by clicking on the blue button at cell B63 highlighted in orange. Before you click on it, please ensure that all data columns have been.
- Please identify the customer name correctly (i.e., correct name needed for the year or an adjustment to a year) on the dropdown list in Column 2. Current year names must be identified with an implementation year that matches the year of the persistence report. A customer adjustment must be identified with a prior year implementation in the future year's results report.
- Please identify the year or the persistence report and adjustment in Column 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 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608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 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1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 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, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2



LRAMVA Work Form: Documentation for Streetlighting Projects

Version 5.0 (2021)

Legend

User Inputs (Green)

Instructions

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

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

Table 8-a: Name of Municipality

Summary of Project #1

Actual lost revenue based on kW billing				
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b	c	b * c
Jan 20xx	0.00			
Feb 20xx	0.00	0.00		
Mar 20xx				
Apr 20xx				
May 20xx				
June 20xx				
Jul 20xx				
Aug 20xx				
Sep 20xx				
Oct 20xx				
Nov 20xx				
Dec 20xx				
Total				
Persistence in 20XX				
Persistence in 20XX				
Persistence in 20XX				
Persistence in 20XX				

Details of Project #1 (Month, Year)

Pre-conversion billing demand

[illegible]

Post-conversion billing demand

[illegible]

Appendix G

2011 – 2019 Persistence Report

Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Net Annual Summer Peak Demand Savings (kW) 2011	Net Annual Summer Peak Demand Savings (kW) 2012	Net Annual Summer Peak Demand Savings (kW) 2013	Net Annual Summer Peak Demand Savings (kW) 2014	Net Annual Summer Peak Demand Savings (kW) 2015	Net Annual Summer Peak Demand Savings (kW) 2016	Net Annual Summer Peak Demand Savings (kW) 2017	Net Annual Summer Peak Demand Savings (kW) 2018	Net Annual Summer Peak Demand Savings (kW) 2019	Net Annual Summer Peak Demand Savings (kW) 2020
2_2011	Tier 1	Consumer	Appliance Exchange	ENWI Residen	EE	2011	10	10	10	3	0	0	0	0	0	0
1_2011	Tier 1	Consumer	Appliance Retirement	ENWI Residen	EE	2011	22	22	22	22	17	0	0	0	0	0
5_2011	Tier 1	Consumer	Bi-Annual Retailer Event	ENWI Residen	EE	2011	26	26	26	26	24	22	18	18	22	10
4_2011	Tier 1	Consumer	Conservation Instant Coupon Booklet	ENWI Residen	EE	2011	18	18	18	18	17	16	13	13	16	9
3_2011	Tier 1	Consumer	HVAC Incentives	ENWI Residen	EE	2011	698	698	698	698	698	698	698	698	698	698
7_2011	Tier 1	Consumer	Residential Demand Response	ENWI Residen	DR	2011	348	0	0	0	0	0	0	0	0	0
6_2011	Tier 1	Consumer	Retailer Co-op	ENWI Residen	EE	2011	0	0	0	0	0	0	0	0	0	0
15_2011	Tier 1	Business	Demand Response 3 (part of the Ind	ENWI Comme	DR	2011	235	0	0	0	0	0	0	0	0	0
10_2011	Tier 1	Business	Direct Install Lighting	ENWI Comme	EE	2011	662	658	658	357	356	356	66	65	65	65
9_2011	Tier 1	Business	Retrofit	ENWI Comme	EE	2011	250	250	250	250	250	250	250	250	204	1
20_2011	Tier 1	Industrial	Demand Response 3	ENWI Industri	DR	2011	84	0	0	0	0	0	0	0	0	0
19_2011	Tier 1	Industrial	Retrofit	ENWI Industri	EE	2011	62	62	62	62	62	62	62	62	62	4
24_2011	Tier 1	Pre-2011 F	Electricity Retrofit Incentive Program	ENWI Comme	EE	2011	361	361	361	361	361	361	361	361	361	361
28_2011	Tier 1	Pre-2011 F	EnWin Green Suites	ENWI Comme	EE	2011	317	317	317	317	317	317	317	317	317	317
25_2011	Tier 1	Pre-2011 F	High Performance New Construction	ENWI Comme	EE	2011	6	6	6	6	6	6	6	6	6	6
14_2011	Tier 1	Business	Commercial Demand Response (part	ENWI Comme	DR	2011	21.12	0	0	0	0	0	0	0	0	0
TOTAL-should equal verified 2011-2014 verified summary							3,121	2,429	2,429	2,121	2,110	2,089	1,792	1,791	1,751	1,471
Less DR because COS does not include							-688	0	0	0	0	0	0	0	0	0
Total-value to be used in calculating persistence worksheet							2,432	2,429	2,429	2,121	2,110	2,089	1,792	1,791	1,751	1,471
								99.85%	99.85%	87.20%	86.73%	85.89%	73.67%	73.64%	71.98%	60.50%

PLUS ADJUSTMENTS FROM:

2012

2013

2014

2011 SAVINGS PERSISTING EACH OF THE FOLLOWING YEARS

DISTRIBUTION RATES

LOST REVENUE

Demand Response 3 does not contribute to verified Peak Demand Savings, however it does contribute to verified Energy Savings.

Peak Demand savings are monthly savings in IESO reports prior to 2016. Persistent net savings will multiply savings by 12 for annual peak demand persistent savings.

Energy savings are annual savings in IESO reports prior to 2016 and will not require savings to be multiplied by 12.

Net Annual Energy Savings (kWh) 2011	Net Annual Energy Savings (kWh) 2012	Net Annual Energy Savings (kWh) 2013	Net Annual Energy Savings (kWh) 2014	Net Annual Energy Savings (kWh) 2015	Net Annual Energy Savings (kWh) 2016	Net Annual Energy Savings (kWh) 2017	Net Annual Energy Savings (kWh) 2018	Net Annual Energy Savings (kWh) 2019	Net Annual Energy Savings (kWh) 2020	Net Annual Energy Savings (kWh) 2021	Net Annual Energy Savings (kWh) 2022
11,795.75	11,795.75	11,796	6,182	0	0	0	0	0	0	0	0
165,482.38	165,482.38	165,482	165,378	130,938	0	0	0	0	0	0	0
456,747.75	456,747.75	456,748	456,748	417,434	374,485	282,338	281,308	363,571	116,667	42,008	36,978
292,536.56	292,536.56	292,537	292,537	269,183	243,669	190,631	189,412	238,279	91,608	29,495	23,882
1,305,397.42	1,305,397.42	1,305,397	1,305,397	1,305,397	1,305,397	1,305,397	1,305,397	1,305,397	1,305,397	1,305,397	1,305,397
-	-	0	0	0	0	0	0	0	0	0	0
-	-	0	0	0	0	0	0	0	0	0	0
9,180.01	-	0	0	0	0	0	0	0	0	0	0
1,713,037.53	1,701,347.63	1,701,348	883,071	882,428	882,089	188,998	188,692	188,692	188,692	134,076	134,076
1,326,534.49	1,326,534.49	1,326,534	1,326,534	1,326,534	1,326,534	1,326,534	1,326,534	1,153,089	84,325	84,325	0
4,946.91	-	0	0	0	0	0	0	0	0	0	0
414,514.59	414,514.59	414,515	414,515	414,515	414,515	414,515	414,515	414,515	32,403	32,403	0
2,461,077.79	2,461,077.79	2,461,078	2,461,078	2,461,078	2,461,078	2,461,078	2,461,078	2,461,078	2,461,078	2,461,078	2,461,078
834,131.78	834,131.78	834,132	834,132	834,132	834,132	834,132	834,132	834,132	834,132	834,132	834,132
29,977.24	29,977.24	29,977	29,977	29,977	29,977	29,977	29,977	29,977	29,977	29,977	29,977
-	-	0	0	0	0	0	0	0	0	0	0
9,025,360.21	8,999,543.38	8,999,543.38	8,175,548.83	8,071,616.40	7,871,876.29	7,033,599.97	7,031,044.26	6,988,729.28	5,144,278.68		
	99.71%	99.71%	90.58%	89.43%	87.22%	77.93%	77.90%	77.43%	57.00%		

[illegible]

2011 Savings						2012 Savings				
General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large use - Regular	Large Use - 3TS	Large Use - Ford Annex	Other	Residential	General Service <50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large use - Regular
-	-	-	-	-	-	11,795.75	-	-	-	-
-	-	-	-	-	-	165,482.38	-	-	-	-
-	-	-	-	-	-	456,747.75	-	-	-	-
-	-	-	-	-	-	292,536.56	-	-	-	-
-	-	-	-	-	-	1,305,397.42	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	1,701,347.63	-	-	-
2,605.63	-	-	-	-	-	-	261,327.30	2,605.63	-	-
-	-	-	-	-	-	-	-	-	-	-
732.15	-	-	-	-	-	-	6,632.23	732.15	-	-
3,401.76	-	884.02	-	-	-	-	22,149.70	3,401.76	-	884.02
523.25	-	3,281.84	-	-	-	-	-	523.25	-	3,281.84
70.04	-	-	-	-	-	-	-	70.04	-	-
7,332.83	-	4,165.86	-	-	-	2,231,959.87	1,991,456.86	7,332.83	-	4,165.86
139.13	-	-	-	-	-	(118,720.11)	97,574.74	139.13	-	-
-	-	-	-	-	-	-	-	-	-	-
58.91	-	-	-	-	-	11,875.00	-	58.91	-	-
7,530.88	-	4,165.86	-	-	-	2,125,114.76	2,089,031.60	7,530.88	-	4,165.86
4.6248	1.9205	2.1689	2.5128	(0.0462)	-	0.0198	0.0161	4.5984	1.9214	2.1683
34,829.07	-	9,035.20	-	-	-	42,006.44	33,563.77	34,629.75	-	9,032.84

			2013 Savings					
Large Use - 3TS	Large Use - Ford Annex	Other	Residential	General Service <50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large use - Regular	Large Use - 3TS
-	-	-	11,795.75	-	-	-	-	-
-	-	-	165,482.38	-	-	-	-	-
-	-	-	456,747.75	-	-	-	-	-
-	-	-	292,536.56	-	-	-	-	-
-	-	-	1,305,397.42	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	1,701,347.63	-	-	-	-
-	-	-	-	261,327.30	2,605.63	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	6,632.23	732.15	-	-	-
-	-	-	-	22,149.70	3,401.76	-	884.02	-
-	-	-	-	-	523.25	-	3,281.84	-
-	-	-	-	-	70.04	-	-	-
-	-	-	2,231,959.87	1,991,456.86	7,332.83	-	4,165.86	-
-	-	-	(118,720.11)	95,905.58	139.13	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	11,875.00	-	58.91	-	-	-
-	-	-	2,125,114.76	2,087,362.44	7,530.88	-	4,165.86	-
2.6075	(0.0799)	-	0.0199	0.0162	4.6228	1.9316	2.1798	2.7180
-	-	-	42,218.95	33,745.69	34,813.75	-	9,080.74	-

		2014 Savings						
Large Use - Ford Annex	Other	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
-	-	6,182.05	-	-	-	-	-	-
-	-	165,378.37	-	-	-	-	-	-
-	-	456,747.75	-	-	-	-	-	-
-	-	292,536.56	-	-	-	-	-	-
-	-	1,305,397.42	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	883,070.79	-	-	-	-	-
-	-	-	261,327.30	2,605.63	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	6,632.23	732.15	-	-	-	-
-	-	-	22,149.70	3,401.76	-	884.02	-	-
-	-	-	-	523.25	-	3,281.84	-	-
-	-	-	-	70.04	-	-	-	-
-	-	2,226,242.15	1,173,180.02	7,332.83	-	4,165.86	-	-
-	-	(118,720.11)	78,851.68	139.13	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	11,813.40	-	58.91	-	-	-	-
-	-	2,119,335.44	1,252,031.69	7,530.88	-	4,165.86	-	-
(0.0815)	-	0.0200	0.0163	4.6656	1.9495	2.2002	2.7436	(0.0796)
-	-	42,457.35	20,449.85	35,135.82	-	9,165.73	-	-

	2015 Savings							
Other	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
-	-	-	-	-	-	-	-	-
-	130,938.39	-	-	-	-	-	-	-
-	417,433.81	-	-	-	-	-	-	-
-	269,182.50	-	-	-	-	-	-	-
-	1,305,397.42	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	882,428.40	-	-	-	-	-	-
-	-	261,327.30	2,605.63	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	6,632.23	732.15	-	-	-	-	-
-	-	22,149.70	3,401.76	-	884.02	-	-	-
-	-	-	523.25	-	3,281.84	-	-	-
-	-	-	70.04	-	-	-	-	-
-	2,122,952.12	1,172,537.63	7,332.83	-	4,165.86	-	-	-
-	(118,720.11)	78,851.68	139.13	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	11,691.16	-	52.99	-	-	-	-	-
-	2,015,923.17	1,251,389.30	7,524.96	-	4,165.86	-	-	-
-	0.0202	0.0165	4.7111	1.9690	2.2222	2.7709	(0.0827)	-
-	40,788.85	20,689.64	35,450.83	-	9,257.24	-	-	-

2016 Savings								
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	Residential
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
374,484.98	-	-	-	-	-	-	-	282,337.80
243,669.18	-	-	-	-	-	-	-	190,631.15
1,305,397.42	-	-	-	-	-	-	-	1,305,397.42
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	882,088.83	-	-	-	-	-	-	-
-	261,327.30	2,605.63	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	6,632.23	732.15	-	-	-	-	-	-
-	22,149.70	3,401.76	-	884.02	-	-	-	-
-	-	523.25	-	3,281.84	-	-	-	-
-	-	70.04	-	-	-	-	-	-
1,923,551.57	1,172,198.06	7,332.83	-	4,165.86	-	-	-	1,778,366.37
(122,187.73)	78,851.68	14.88	-	-	-	-	-	(137,889.16)
-	-	-	-	-	-	-	-	-
10,677.14	-	52.99	-	-	-	-	-	9,948.50
1,812,040.99	1,251,049.73	7,400.71	-	4,165.86	-	-	-	1,650,425.71
0.0172	0.0168	4.7832	1.9988	2.2579	2.8114	(0.0890)	-	0.0123
31,227.51	21,017.64	35,399.30	-	9,406.10	-	-	-	20,300.24

2017 Savings								
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	Residential	General Service <50 kW
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	281,307.85	-
-	-	-	-	-	-	-	189,411.55	-
-	-	-	-	-	-	-	1,305,397.42	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
188,997.71	-	-	-	-	-	-	-	188,691.56
261,327.30	2,605.63	-	-	-	-	-	-	261,327.30
-	-	-	-	-	-	-	-	-
6,632.23	732.15	-	-	-	-	-	-	6,632.23
22,149.70	3,401.76	-	884.02	-	-	-	-	22,149.70
-	523.25	-	3,281.84	-	-	-	-	-
-	70.04	-	-	-	-	-	-	-
479,106.94	7,332.83	-	4,165.86	-	-	-	1,776,116.82	478,800.78
23,250.28	14.88	-	-	-	-	-	(137,895.82)	23,250.28
-	-	-	-	-	-	-	-	-
-	52.99	-	-	-	-	-	9,478.47	-
502,357.22	7,400.71	-	4,165.86	-	-	-	1,647,699.46	502,051.06
0.0170	4.8536	2.0279	2.2922	2.8504	(0.0943)	-	0.0071	0.0172
8,556.82	35,920.06	-	9,549.13	-	-	-	11,643.74	8,618.54

2018 Savings								
General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large use - Regular	Large Use - 3TS	Large Use - Ford Annex	Other	Residential	General Service <50 kW	General Service 50 - 4,999 kW
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	363,570.62	-	-
-	-	-	-	-	-	238,278.94	-	-
-	-	-	-	-	-	1,305,397.42	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	188,691.56	-
2,605.63	-	-	-	-	-	-	227,158.60	2,119.94
-	-	-	-	-	-	-	-	-
732.15	-	-	-	-	-	-	6,632.23	732.15
3,401.76	-	884.02	-	-	-	-	22,149.70	3,401.76
523.25	-	3,281.84	-	-	-	-	-	523.25
70.04	-	-	-	-	-	-	-	70.04
7,332.83	-	4,165.86	-	-	-	1,907,246.97	444,632.09	6,847.15
14.88	-	-	-	-	-	(137,895.82)	23,250.28	14.88
-	-	-	-	-	-	-	-	-
52.99	-	-	-	-	-	9,196.47	-	52.99
7,400.71	-	4,165.86	-	-	-	1,778,547.62	467,882.37	6,915.02
4.8942	2.0450	2.3119	2.8748	(0.1026)	-	0.0018	0.0173	4.9215
36,220.78	-	9,630.92	-	-	-	3,142.10	8,078.77	34,032.05

2019 Savings					2020 \$			
General Service 3,000 - 4,999 kW	Large use - Regular	Large Use - 3TS	Large Use - Ford Annex	Other	Residential	General Service <50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	116,666.64	-	-	-
-	-	-	-	-	91,608.07	-	-	-
-	-	-	-	-	1,305,397.42	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	188,691.56	-	-
-	-	-	-	-	-	16,612.04	9.45	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	518.45	42.64	-
-	884.02	-	-	-	-	22,149.70	3,401.76	-
-	3,281.84	-	-	-	-	-	523.25	-
-	-	-	-	-	-	-	70.04	-
-	4,165.86	-	-	-	1,513,672.13	227,971.75	4,047.14	-
-	-	-	-	-	(152,417.70)	23,250.28	14.88	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	9,122.47	-	52.99	-
-	4,165.86	-	-	-	1,370,376.90	251,222.02	4,115.02	-
2.0561	2.3232	2.8860	(0.1473)	-	-	-	-	-
-	9,677.99	-	-	-	-	-	-	-

avings			
Large use - Regular	Large Use - 3TS	Large Use - Ford Annex	Other

-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
884.02	-	-	-
3,281.84	-	-	-
-	-	-	-

4,165.86	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
4,165.86	-	-	-
-	-	-	-
-	-	-	-

Portfolio	Program	Initiative	LDC	Sector	Conse rva tio n Res our ce	Year Savings Apply to per 2014 Final Verified Report	(Implementation) Year	Net Annual Summer Peak Demand Savings (kW) 2011	Net Annual Summer Peak Demand Savings (kW) 2012	Net Annual Summer Peak Demand Savings (kW) 2013	Net Annual Summer Peak Demand Savings (kW) 2014	Net Annual Summer Peak Demand Savings (kW) 2015	Net Annual Summer Peak Demand Savings (kW) 2016	Net Annual Summer Peak Demand Savings (kW) 2017	Net Annual Summer Peak Demand Savings (kW) 2018	Net Annual Summer Peak Demand Savings (kW) 2019	Net Annual Summer Peak Demand Savings (kW) 2020	Net Annual Summer Peak Demand Savings (kW) 2021	Net Annual Summer Peak Demand Savings (kW) 2022	Net Annual Summer Peak Demand Savings (kW) 2023
11_2012	Tier 1	Business	Direct Install Lighting	ENWI C&I	EE	2012	2012	0	61	61	61	43	43	8	8	8	8	8	7	7
10_2012	Tier 1	Business	Retrofit	ENWI C&I	EE	2012	2012	0	2,206	2,189	2,186	2,183	2,183	2,083	2,041	2,041	1,765	1,204	1,197	1,197
14_2012	Tier 1	Business	Energy Audit	ENWI C&I	EE	2012	2012	0	26	26	26	26	0	0	0	0	0	0	0	0
17_2012	Tier 1	Business	Demand Response 3 (part of the Industri	ENWI C&I	DR	2012	2012	0	236	0	0	0	0	0	0	0	0	0	0	0
2_2012	Tier 1	Consumer	Appliance Exchange	ENWI Residen	EE	2012	2012	0	12	12	12	12	0	0	0	0	0	0	0	0
1_2012	Tier 1	Consumer	Appliance Retirement	ENWI Residen	EE	2012	2012	0	8	8	8	7	5	0	0	0	0	0	0	0
5_2012	Tier 1	Consumer	Bi-Annual Retailer Event	ENWI Residen	EE	2012	2012	0	23	23	23	23	21	18	13	13	13	9	3	3
4_2012	Tier 1	Consumer	Conservation Instant Coupon Booklet	ENWI Residen	EE	2012	2012	0	4	4	4	4	4	4	3	3	3	3	0	0
3_2012	Tier 1	Consumer	HVAC Incentives	ENWI Residen	EE	2012	2012	0	289	289	289	289	289	289	289	289	289	289	289	289
23_2012	Tier 1	Home Assi	Home Assistance Program	ENWI Residen	EE	2012	2012	0	99	99	99	99	99	99	97	97	67	62	56	56
22_2012	Tier 1	Industrial	Demand Response 3	ENWI Industri	DR	2012	2012	0	1,004	0	0	0	0	0	0	0	0	0	0	0
20_2012	Tier 1	Industrial	Energy Manager	ENWI Industrial		2012	2012	0	77	77	77	77	77	77	77	77	77	77	77	77
27_2012	Tier 1	Pre-2011 F	High Performance New Construction	ENWI C&I	EE	2012	2012	0	30	30	30	30	30	30	30	30	30	30	30	30
	Non-Tier 1	Industrial	Demand Response 3	ENWI Industri	DR	2012	2012	0	2,158	0	0	0	0	0	0	0	0	0	0	0
	Non-Tier 1	Business	Demand Response 3	ENWI Busines	DR	2012	2012	0	405	0	0	0	0	0	0	0	0	0	0	0
d_2011	Tier 1 - 201	Business	Retrofit	EnWii C&I	EE	2011	2011	1	1	1	1	1	1	1	1	1	1	1	1	0
e_2011	Tier 1 - 201	Business	Direct Install Lighting	EnWii C&I	EE	2011	2011	40	40	40	34	34	34	9	9	9	9	9	9	0
f_2011	Tier 1 - 201	Business	Energy Audit	EnWii C&I	EE	2011	2011	10	10	10	10	10	0	0	0	0	0	0	0	0
g_2011	Tier 1 - 201	Pre-2011 F	High Performance New Construction	ENWI C&I	EE	2011	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
a_2011	Tier 1 - 201	Consumer	HVAC Incentives	ENWI Residen	EE	2011	2011	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88
c_2011	Tier 1 - 201	Consumer	Bi-Annual Retailer Event	ENWI Residen	EE	2011	2011	2	2	2	2	2	2	1	1	1	1	0	0	0
b_2011	Tier 1 - 201	Consumer	Conservation Instant Coupon Booklet	ENWI Residen	EE	2011	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
	SUBTOTAL							-34	6,603	2,783	2,774	2,753	2,699	2,530	2,482	2,482	2,175			
			Demand Response 3						(2,158)											
			Demand Response 3						(405)											
f_2011			Energy Audit			2011	2011													
	TOTAL-should equal verified 2011-2014 verified summary							-34	4,040	2,783	2,774	2,753	2,699	2,530	2,482	2,482	2,175			
	Less remaining DR because COS does not include							0	(1,240)	0	0	0	0	0	0	0	0			
	Total-value to be used in calculating persistence worksheet							-34	2,800	2,783	2,774	2,753	2,699	2,530	2,482	2,482	2,175			
										99.4%	99.1%	98.3%	96.4%	90.4%	88.6%	88.6%	77.7%			
PLUS ADJUSTMENTS FROM:																				
2013																				
2014																				
LESS ADJUSTMENTS FOR:																				
2011																				
2012 SAVINGS PERSISTING EACH OF THE FOLLOWING YEARS																				
DISTRIBUTION RATES																				
LOST REVENUE																				

Demand Response 3 does not contribute to verified Peak Demand Savings, however it does contribute to verified Energy Savings.

Peak Demand savings are monthly savings in IESO reports prior to 2016. Persistent net savings will multiply savings by 12 for annual peak demand persistent savings.

Energy savings are annual savings in IESO reports prior to 2016 and will not require savings to be multiplied by 12.

OEB Staff (for LRAM form completion):

Adjustments should be applied to the year that LRAM is claimed was related to. For example, adjustments to 2011 results should be shown as part of the calculation of 2011 lost revenues. In the event that the utility uses initiative level adjustments, these calculati

Net Annual Summer Peak Demand Savings (kW) 2024	Net Annual Summer Peak Demand Savings (kW) 2025	Net Annual Summer Peak Demand Savings (kW) 2026	Net Annual Summer Peak Demand Savings (kW) 2027	Net Annual Summer Peak Demand Savings (kW) 2028	Net Annual Summer Peak Demand Savings (kW) 2029	Net Annual Summer Peak Demand Savings (kW) 2030	Net Annual Summer Peak Demand Savings (kW) 2031	Net Annual Summer Peak Demand Savings (kW) 2032	Net Annual Summer Peak Demand Savings (kW) 2033	Net Annual Summer Peak Demand Savings (kW) 2034	Net Annual Summer Peak Demand Savings (kW) 2035	Net Annual Summer Peak Demand Savings (kW) 2036	Net Annual Summer Peak Demand Savings (kW) 2037	Net Annual Summer Peak Demand Savings (kW) 2038	Net Annual Summer Peak Demand Savings (kW) 2039	Net Annual Summer Peak Demand Savings (kW) 2040	Net Annual Energy Savings (kWh) 2011	Net Annual Energy Savings (kWh) 2012	Net Annual Energy Savings (kWh) 2013	Net Annual Energy Savings (kWh) 2014
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	234,272.18	234,272	232,517
70	64	64	36	34	34	34	34	0	0	0	0	0	0	0	0	0	-	13,716,462.42	13,641,366	13,631,037
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	125,881.27	125,881	125,881
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	3,427.70	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	21,788.12	21,788	21,788
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	55,074.40	55,074	55,074
3	3	3	3	1	1	1	1	0	0	0	0	0	0	0	0	0	-	416,247.81	416,248	416,248
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	21,731.22	21,731	21,731
289	289	289	289	289	289	214	0	0	0	0	0	0	0	0	0	0	-	479,899.21	479,899	479,899
50	50	32	28	28	28	28	28	5	0	0	0	0	0	0	0	0	-	989,326.29	989,326	989,326
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	24,195.06	0	0
77	77	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	667,662.72	667,663	667,663
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	148,198.24	148,198	148,198
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	52,008.86	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	5,893.43	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,216.37	10,216.37	10,216	10,216
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95,562.12	95,562.12	93,893	76,839
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52,796.51	52,796.51	50,353	50,353
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
-88	-88	-88	-88	-88	-67	0	0	0	0	0	0	0	0	0	0	0	(156,939.25)	(156,939.25)	-156,939	-156,939
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33,934.83	33,934.83	33,935	33,935
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,284.30	4,284.30	4,284	4,284
																	39,854.88	17,001,923.81	16,837,189.13	16,808,050.97
																		(52,008.86)		
																		(5,893.43)	-	-
																	(2,444.00)	(2,444.00)	-	-
																	37,410.88	16,941,577.51	16,837,189.13	16,808,050.97
																			99.38%	99.21%

ons can be done in a separate worksheet and included here.

Net Annual Energy Savings (kWh) 2015	Net Annual Energy Savings (kWh) 2016	Net Annual Energy Savings (kWh) 2017	Net Annual Energy Savings (kWh) 2018	Net Annual Energy Savings (kWh) 2019	Net Annual Energy Savings (kWh) 2020	Net Annual Energy Savings (kWh) 2021	Net Annual Energy Savings (kWh) 2022	Net Annual Energy Savings (kWh) 2023	Net Annual Energy Savings (kWh) 2024	Net Annual Energy Savings (kWh) 2025	Net Annual Energy Savings (kWh) 2026	Net Annual Energy Savings (kWh) 2027	Net Annual Energy Savings (kWh) 2028	Net Annual Energy Savings (kWh) 2029	Net Annual Energy Savings (kWh) 2030	Net Annual Energy Savings (kWh) 2031	Net Annual Energy Savings (kWh) 2032	Net Annual Energy Savings (kWh) 2033	Net Annual Energy Savings (kWh) 2034
159,873	159,873	31,540	31,540	31,540	31,540	31,540	24,061	24,061	0	0	0	0	0	0	0	0	0	0	0
13,620,496	13,620,496	13,294,488	12,913,154	12,913,154	11,996,690	7,303,116	7,211,176	7,076,112	355,727	336,022	336,022	99,614	98,240	98,240	98,240	98,240	0	0	0
125,881	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
21,606	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54,972	35,677	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
416,248	374,180	304,262	207,538	207,107	207,107	105,194	78,068	75,642	75,642	70,361	70,361	69,398	19,472	19,472	19,472	19,472	0	0	0
21,731	21,405	21,405	10,079	10,024	10,024	10,024	1,628	1,311	1,311	1,127	1,127	1,085	0	0	0	0	0	0	0
479,899	479,899	479,899	479,899	479,899	479,899	479,899	479,899	479,899	479,899	479,899	479,899	479,899	479,899	479,899	412,839	0	0	0	0
989,326	983,691	983,691	948,751	946,012	371,496	366,615	294,177	288,003	267,123	267,123	124,698	97,856	97,856	97,856	97,856	97,856	39,879	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
667,663	667,663	667,663	667,663	667,663	667,663	667,663	667,663	667,663	667,663	667,663	667,663	0	0	0	0	0	0	0	0
148,198	148,198	148,198	148,198	148,198	148,198	148,198	148,198	148,198	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
10,216	10,216	10,216	10,216	10,216	10,216	10,216	10,216	0	0	0	0	0	0	0	0	0	0	0	0
76,839	76,839	21,238	21,238	21,238	21,238	19,397	19,397	0	0	0	0	0	0	0	0	0	0	0	0
50,353	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
-156,939	-156,939	-156,939	-156,939	-156,939	-156,939	-156,939	-156,939	-156,939	-156,939	-156,939	-156,939	-156,939	-156,939	-138,459	0	0	0	0	0
33,935	30,837	16,649	16,645	16,645	3,672	3,085	2,833	2,833	2,351	2,351	2,348	0	0	0	0	0	0	0	0
4,284	3,914	2,402	2,398	2,398	849	384	279	279	251	251	248	0	0	0	0	0	0	0	0
16,724,581.97	16,455,949.80	15,824,710.40	15,300,380.56	15,297,154.72	13,791,652.96														
-	-	-	-	-	-														
16,724,581.97	16,455,949.80	15,824,710.40	15,300,380.56	15,297,154.72	13,791,652.96														
98.72%	97.13%	93.41%	90.31%	90.29%	81.41%														

[illegible]

Rate Allocation Percentages for Energy Savings		Rate Allocation Percentages for Peak Demand					
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
	100%						
	5%	38%	0%	13%	45%	0%	
		100%					
100%							
100%							
100%							
100%							
100%							
100%							
					100%		
	100%						
	20%	87%					
	100%						
		100%					
100%							
100%							
100%							

[illegible]

YELLOW SHADED AREA INDICATES INPUT FIELD. SOURCE IS FROM C.R. FILES
INITIATIVES WITH 2011 IMPLEMENTATION YEAR, USE 2011 ALLOCATION %

(118,720.11)	97,574.74	139.13
118,720.11	(97,574.74)	(139.13)
-	-	-
0.0198	0.0161	4.6248
-	-	-

2011 Savings					2012 Savings								
General Service 3,000 - 4,999 kW	Large use - Regular	Large Use - 3TS	Large Use - Ford Annex	Other	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	Residential
-	-	-	-	-	-	234,272.18	-	-	-	-	-	-	-
-	-	-	-	-	-	661,133.49	10,138.06	47.65	3,393.47	11,895.68	39.71	-	-
-	-	-	-	-	-	-	310.63	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	21,788.12	-	-	-	-	-	-	-	21,788.12
-	-	-	-	-	55,074.40	-	-	-	-	-	-	-	55,074.40
-	-	-	-	-	416,247.81	-	-	-	-	-	-	-	416,247.81
-	-	-	-	-	21,731.22	-	-	-	-	-	-	-	21,731.22
-	-	-	-	-	479,899.21	-	-	-	-	-	-	-	479,899.21
-	-	-	-	-	989,326.29	-	-	-	-	-	-	-	989,326.29
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	923.22	-	-	-
-	-	-	-	-	-	148,198.24	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	2,012.62	14.88	-	-	-	-	-	-
-	-	-	-	-	-	95,562.12	-	-	-	-	-	-	-
-	-	-	-	-	-	-	124.25	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	(156,939.25)	-	-	-	-	-	-	-	(156,939.25)
-	-	-	-	-	33,934.83	-	-	-	-	-	-	-	33,934.83
-	-	-	-	-	4,284.30	-	-	-	-	-	-	-	4,284.30
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	1,865,346.94	1,141,178.64	10,587.82	47.65	3,393.47	12,818.90	39.71	-	1,865,346.94
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	12,078.56	37,316.13	400.34	1.30	92.42	323.96	1.08	-	12,078.56
-	-	-	-	-	671.58	8,311.93	75.22	0.08	5.85	687.39	0.07	-	671.58
-	-	-	-	-	118,720.11	(97,574.74)	(139.13)	-	-	-	-	-	118,720.11
-	-	-	-	-	1,996,817.19	1,089,231.97	10,924.25	49.03	3,491.73	13,830.25	40.85	-	1,996,817.19
1.9205	2.1689	2.5128	(0.0462)	-	0.0198	0.0161	4.5984	1.9214	2.1683	2.6075	(0.0799)	-	0.0199
-	-	-	-	-	39,470.42	17,500.33	50,233.72	94.20	7,571.12	36,061.91	(3.26)	-	39,670.10

2013 Savings							2014 Savings							
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	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
234,272.18	-	-	-	-	-	-	-	232,516.95	-	-	-	-	-	-
657,513.84	10,062.11	47.29	3,368.05	11,806.56	39.41	-	-	657,015.98	10,047.54	47.22	3,363.17	11,789.47	39.35	-
-	310.63	-	-	-	-	-	-	-	310.63	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	21,788.12	-	-	-	-	-	-	-
-	-	-	-	-	-	-	55,074.40	-	-	-	-	-	-	-
-	-	-	-	-	-	-	416,247.81	-	-	-	-	-	-	-
-	-	-	-	-	-	-	21,731.22	-	-	-	-	-	-	-
-	-	-	-	-	-	-	479,899.21	-	-	-	-	-	-	-
-	-	-	-	-	-	-	989,326.29	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	923.22	-	-	-	-	-	-	-	923.22	-	-
148,198.24	-	-	-	-	-	-	-	148,198.24	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,012.62	14.88	-	-	-	-	-	-	2,012.62	14.88	-	-	-	-	-
93,892.96	-	-	-	-	-	-	-	76,839.05	-	-	-	-	-	-
-	124.25	-	-	-	-	-	-	-	124.25	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	(156,939.25)	-	-	-	-	-	-	-
-	-	-	-	-	-	-	33,934.83	-	-	-	-	-	-	-
-	-	-	-	-	-	-	4,284.30	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,135,889.83	10,511.88	47.29	3,368.05	12,729.78	39.41	-	1,865,346.94	1,116,582.84	10,497.31	47.22	3,363.17	12,712.69	39.35	-
37,316.13	400.34	1.30	92.42	323.96	1.08	-	12,078.56	37,316.13	400.34	1.30	92.42	323.96	1.08	-
8,311.93	75.22	-	5.85	687.39	0.07	-	671.58	8,311.93	75.22	0.08	5.85	687.39	0.07	-
(95,905.58)	(139.13)	-	-	-	-	-	118,720.11	(78,851.68)	(139.13)	-	-	-	-	-
1,085,612.32	10,848.31	48.59	3,466.31	13,741.13	40.56	-	1,996,817.19	1,083,359.23	10,833.74	48.60	3,461.43	13,724.04	40.50	-
0.0162	4.6228	1.9316	2.1798	2.7180	(0.0815)	-	0.0200	0.0163	4.6656	1.9495	2.2002	2.7436	(0.0796)	-
17,550.73	50,149.55	93.85	7,555.86	37,348.86	(3.30)	-	40,002.90	17,694.87	50,545.53	94.75	7,615.85	37,652.82	(3.22)	-

2015 Savings							
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
-	159,873.34	-	-	-	-	-	-
-	656,507.89	10,032.68	47.15	3,358.20	11,772.03	39.29	-
-	-	310.63	-	-	-	-	-
-	-	-	-	-	-	-	-
21,606.48	-	-	-	-	-	-	-
54,971.91	-	-	-	-	-	-	-
416,247.81	-	-	-	-	-	-	-
21,731.22	-	-	-	-	-	-	-
479,899.21	-	-	-	-	-	-	-
989,326.29	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	923.22	-	-
-	148,198.24	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	2,012.62	14.88	-	-	-	-	-
-	76,839.05	-	-	-	-	-	-
-	-	124.25	-	-	-	-	-
-	-	-	-	-	-	-	-
(156,939.25)	-	-	-	-	-	-	-
33,934.83	-	-	-	-	-	-	-
4,284.30	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

2016 Savings					
Residential	General Service <50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large use - Regular	Large Use - 3TS
-	159,873.34	-	-	-	-
-	656,507.89	10,032.68	47.15	3,358.20	11,772.03
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
35,676.60	-	-	-	-	-
374,180.31	-	-	-	-	-
21,404.74	-	-	-	-	-
479,899.21	-	-	-	-	-
983,691.29	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	923.22
-	148,198.24	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	2,012.62	14.88	-	-	-
-	76,839.05	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
(156,939.25)	-	-	-	-	-
30,837.04	-	-	-	-	-
3,914.49	-	-	-	-	-
-	-	-	-	-	-

1,865,062.82	1,043,431.14	10,482.45	47.15	3,358.20	12,695.25	39.29	-	1,772,664.42	1,043,431.14	10,047.57	47.15	3,358.20	12,695.25
12,078.56	17,721.05	400.34	1.30	92.42	323.96	1.08	-	12,078.56	17,721.05	276.09	1.30	92.42	323.96
671.58	8,311.93	75.22	0.08	5.85	687.39	0.07	-	671.58	8,311.93	17.46	0.08	5.85	687.39
118,720.11	(78,851.68)	(139.13)	-	-	-	-	-	122,187.73	(78,851.68)	(14.88)	-	-	-
1,996,533.07	990,612.45	10,818.88	48.53	3,456.46	13,706.60	40.44	-	1,907,602.29	990,612.45	10,326.24	48.53	3,456.46	13,706.60
0.0202	0.0165	4.7111	1.9690	2.2222	2.7709	(0.0827)	-	0.0172	0.0168	4.7832	1.9988	2.2579	2.8114
40,396.52	16,378.13	50,968.82	95.56	7,680.83	37,979.63	(3.34)	-	32,874.35	16,642.29	49,392.83	97.00	7,804.34	38,534.29

		2017 Savings								2018 Savings			
Large Use - Ford Annex	Other	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	Residential	General Service <50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW
-	-	-	31,539.76	-	-	-	-	-	-	-	31,539.76	-	-
39.29	-	-	640,794.30	9,573.46	44.99	3,204.48	11,233.19	37.49	-	-	622,414.02	9,382.41	44.09
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	304,262.03	-	-	-	-	-	-	-	207,537.91	-	-	-
-	-	21,404.74	-	-	-	-	-	-	-	10,079.42	-	-	-
-	-	479,899.21	-	-	-	-	-	-	-	479,899.21	-	-	-
-	-	983,691.29	-	-	-	-	-	-	-	948,751.15	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	923.22	-	-	-	-	-	-
-	-	-	148,198.24	-	-	-	-	-	-	-	148,198.24	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	2,012.62	14.88	-	-	-	-	-	-	2,012.62	14.88	-
-	-	-	21,237.65	-	-	-	-	-	-	-	21,237.65	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	(156,939.25)	-	-	-	-	-	-	-	(156,939.25)	-	-	-
-	-	16,648.58	-	-	-	-	-	-	-	16,645.19	-	-	-
-	-	2,401.50	-	-	-	-	-	-	-	2,398.23	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.29	-	1,651,368.11	843,782.58	9,588.34	44.99	3,204.48	12,156.41	37.49	-	1,508,371.87	825,402.30	9,397.30	44.09
1.08	-	12,078.56	13,128.63	185.67	0.87	62.15	217.86	0.73	-	12,078.56	12,868.42	179.89	0.85
0.07	-	671.58	8,069.14	11.08	0.05	3.71	679.90	0.04	-	671.58	8,051.84	10.71	0.05
-	-	137,889.16	(23,250.28)	(14.88)	-	-	-	-	-	137,895.82	(23,250.28)	(14.88)	-
40.44	-	1,802,007.42	841,730.07	9,770.20	45.92	3,270.34	13,054.16	38.26	-	1,659,017.84	823,072.28	9,573.01	44.99
(0.0890)	-	0.0123	0.0170	4.8536	2.0279	2.2922	2.8504	(0.0943)	-	0.0071	0.0172	4.8942	2.0450
(3.60)	-	22,164.69	14,337.47	47,420.64	93.12	7,496.38	37,209.14	(3.61)	-	11,723.73	14,129.41	46,852.54	92.01

Savings				2019 Savings									
Large use - Regular	Large Use - 3TS	Large Use - Ford Annex	Other	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	Residential	General Service <50 kW
-	-	-	-	-	31,539.76	-	-	-	-	-	-	-	31,539.76
3,140.54	11,009.03	36.75	-	-	622,414.02	9,382.41	44.09	3,140.54	11,009.03	36.75	-	-	578,240.46
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	207,106.51	-	-	-	-	-	-	-	207,106.51	-
-	-	-	-	10,023.79	-	-	-	-	-	-	-	10,023.79	-
-	-	-	-	479,899.21	-	-	-	-	-	-	-	479,899.21	-
-	-	-	-	946,012.34	-	-	-	-	-	-	-	371,496.34	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	923.22	-	-	-	-	-	-	-	923.22	-	-	-	-
-	-	-	-	-	148,198.24	-	-	-	-	-	-	-	148,198.24
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	2,012.62	14.88	-	-	-	-	-	-	2,012.62
-	-	-	-	-	21,237.65	-	-	-	-	-	-	-	21,237.65
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	(156,939.25)	-	-	-	-	-	-	-	(156,939.25)	-
-	-	-	-	16,645.19	-	-	-	-	-	-	-	3,672.06	-
-	-	-	-	2,398.23	-	-	-	-	-	-	-	849.49	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,140.54	11,932.25	36.75	-	1,505,146.02	825,402.30	9,397.30	44.09	3,140.54	11,932.25	36.75	-	916,108.15	781,228.74
60.21	211.07	0.70	-	12,078.56	12,868.42	179.89	0.85	60.21	211.07	0.70	-	12,078.56	12,868.42
3.58	679.47	0.04	-	671.58	8,051.84	10.71	0.05	3.58	679.47	0.04	-	671.58	7,986.53
-	-	-	-	137,895.82	(23,250.28)	(14.88)	-	-	-	-	-	152,417.70	(23,250.28)
3,204.33	12,822.78	37.49	-	1,655,791.99	823,072.28	9,573.01	44.99	3,204.33	12,822.78	37.49	-	1,081,275.99	778,833.41
2.3119	2.8748	(0.1026)	-	0.0018	0.0173	4.9215	2.0561	2.3232	2.8860	(0.1473)	-	-	-
7,407.99	36,863.37	(3.85)	-	2,925.23	14,211.71	47,113.25	92.51	7,444.20	37,006.98	(5.52)	-	-	-

Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	Year Savings Apply to per 2014 Final Verified Report	(Implementation) Year	Net Annual Summer Peak Demand Savings (kW) 2011	Net Annual Summer Peak Demand Savings (kW) 2012	Net Annual Summer Peak Demand Savings (kW) 2013	Net Annual Summer Peak Demand Savings (kW) 2014	Net Annual Summer Peak Demand Savings (kW) 2015	Net Annual Summer Peak Demand Savings (kW) 2016	Net Annual Summer Peak Demand Savings (kW) 2017	Net Annual Summer Peak Demand Savings (kW) 2018	Net Annual Summer Peak Demand Savings (kW) 2019	Net Annual Summer Peak Demand Savings (kW) 2020	Net Annual Summer Peak Demand Savings (kW) 2021	Net Annual Summer Peak Demand Savings (kW) 2022	Net Annual Summer Peak Demand Savings (kW) 2023	Net Annual Summer Peak Demand Savings (kW) 2024	Net Annual Summer Peak Demand Savings (kW) 2025
14_2013	LDC	Business	Energy Audit Funding	ENW	Comme	EE	2013	2013	0	0	44	44	44	44	0	0	0	0	0	0	0	0
17_2013	LDC	Business	DR-3	ENW	Comme	DR	2013	2013	0	0	239	0	0	0	0	0	0	0	0	0	0	0
13_2013	LDC	Business	New Construction	ENW	Comme	EE	2013	2013	0	0	7	7	7	7	7	7	7	7	4	4	0	0
15_2013	LDC	Business	peaksaverPLUS	ENW	Comme	DR	2013	2013	0	0	14	0	0	0	0	0	0	0	0	0	0	0
-	LDC	Business	peaksaverPLUS (IHD)	ENW	Comme	DR	2013	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10_2013	LDC	Business	Retrofit	ENW	Comme	EE	2013	2013	0	0	2,467	2,455	2,448	2,430	2,349	2,303	2,303	2,303	2,077	1,744	1,360	517
11_2013	LDC	Business	Small Business Lighting	ENW	Comme	EE	2013	2013	0	0	60	60	58	38	9	9	9	8	8	8	7	6
4_2013	LDC	Consumer	Annual Coupons	ENW	Residen	EE	2013	2013	0	0	8	8	8	7	7	7	7	5	5	4	4	4
2_2013	LDC	Consumer	Appliance Exchange	ENW	Residen	EE	2013	2013	0	0	10	10	10	10	0	0	0	0	0	0	0	0
1_2013	LDC	Consumer	Appliance Retirement	ENW	Residen	EE	2013	2013	0	0	7	7	7	6	4	0	0	0	0	0	0	0
5_2013	LDC	Consumer	Bi-Annual Retailer Events	ENW	Residen	EE	2013	2013	0	0	18	18	17	14	14	14	14	14	12	12	9	6
23_2013	LDC	Consumer	Home Assistance Program	ENW	Residen	EE	2013	2013	0	0	165	163	161	154	151	149	147	147	119	111	99	98
3_2013	LDC	Consumer	HVAC	ENW	Residen	EE	2013	2013	0	0	354	354	354	354	354	354	354	354	354	354	354	354
7_2013	LDC	Consumer	peaksaverPLUS	ENW	Residen	DR	2013	2013	0	0	787	0	0	0	0	0	0	0	0	0	0	0
-	LDC	Consumer	peaksaverPLUS (IHD)	ENW	Residen	DR	2013	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22_2013	LDC	Industrial	DR-3	ENW	Industri	DR	2013	2013	0	0	2,917	0	0	0	0	0	0	0	0	0	0	0
20_2013	LDC	Industrial	Energy Manager	ENW	Industri	EE	2013	2013	0	0	67	29	29	14	0	0	0	0	0	0	0	0
27_2013	LDC	Pre-2011	HPNC	ENW	Comme	EE	2013	2013	0	0	191	191	191	191	191	191	191	191	191	191	191	0
-	Non-LDC	Business	DR-3	ENW	Comme	DR	2013	2013	0	0	139	0	0	0	0	0	0	0	0	0	0	0
-	Non-LDC	Industrial	DR-3	ENW	Industri	DR	2013	2013	0	0	224	0	0	0	0	0	0	0	0	0	0	0
1_2013	LDC	Consumer	Appliance Retirement	ENW	Residen	EE	2013	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15_2013	LDC	Business	peaksaverPLUS	ENW	Comme	DR	2013	2011	0	0	14	0	0	0	0	0	0	0	0	0	0	0
7_2013	LDC	Consumer	peaksaverPLUS	ENW	Residen	DR	2013	2011	0	0	960	0	0	0	0	0	0	0	0	0	0	0
a_2012	LDC	Consumer	HVAC	ENW	Residen	EE	2012	2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
a_2012	LDC	Consumer	HVAC	ENW	Residen	EE	2012	2012	0	6	6	6	6	6	6	6	6	6	6	6	6	6
c_2012	LDC	Business	Small Business Lighting	ENW	Comme	EE	2012	2012	0	5	5	5	1	1	0	0	0	0	0	0	0	0
e_2012	LDC	Business	Energy Audit Funding	ENW	Comme	EE	2012	2012	0	10	10	10	10	0	0	0	0	0	0	0	0	0
b_2012	LDC	Business	Retrofit	ENW	Comme	EE	2012	2012	0	60	60	60	60	60	40	39	39	39	32	15	15	0

SUBTOTAL	0	82	8,774 (139)	3,427	3,411	3,336	3,131	3,078	3,076	3,075
DR-3			(224)							
TOTAL-should equal verified 2011-2014 verified summary	0	82	8,410	3,427	3,411	3,336	3,131	3,078	3,076	3,075
Less remainin DR because COS does not include	0	0	(3,156)	0	0	0	0	0	0	0
Total-value to be used in calculating persistence worksheet	0	82	5,254	3,427	3,411	3,336	3,131	3,078	3,076	3,075
				65.2%	64.9%	63.5%	59.6%	58.6%	58.6%	58.5%

PLUS ADJUSTMENTS FROM:
2014

LESS ADJUSTMENTS FOR:
2011
2012

2013 SAVINGS PERSISTING EACH OF THE FOLLOWING YEARS

DISTRIBUTION RATES

LOST REVENUE

Demand Response 3 does not contribute to verified Peak Demand Savings, however it does contribute to verified Energy Savings.
Peak Demand savings are monthly savings in IESO reports prior to 2016. Persistent net savings will multiply savings by 12 for annual peak demand persistent savings.
Energy savings are annual savings in IESO reports prior to 2016 and will not require savings to be multiplied by 12.

OEB Staff (for LRAM form completion):
Adjustments should be applied to the year that LRAM is claimed was related to. For example, adjustments to 2011 results should be shown as part of the calculation of 2011 lost revenues. In the event that the utility uses initiative level adjustments, these calculations can be done i

Net Annual Summer Peak Demand Savings (kW) 2026	Net Annual Summer Peak Demand Savings (kW) 2027	Net Annual Summer Peak Demand Savings (kW) 2028	Net Annual Summer Peak Demand Savings (kW) 2029	Net Annual Summer Peak Demand Savings (kW) 2030	Net Annual Summer Peak Demand Savings (kW) 2031	Net Annual Summer Peak Demand Savings (kW) 2032	Net Annual Summer Peak Demand Savings (kW) 2033	Net Annual Summer Peak Demand Savings (kW) 2034	Net Annual Summer Peak Demand Savings (kW) 2035	Net Annual Summer Peak Demand Savings (kW) 2036	Net Annual Summer Peak Demand Savings (kW) 2037	Net Annual Summer Peak Demand Savings (kW) 2038	Net Annual Summer Peak Demand Savings (kW) 2039	Net Annual Summer Peak Demand Savings (kW) 2040	Net Annual Energy Savings (kWh) 2011	Net Annual Energy Savings (kWh) 2012	Net Annual Energy Savings (kWh) 2013	Net Annual Energy Savings (kWh) 2014	Net Annual Energy Savings (kWh) 2015	Net Annual Energy Savings (kWh) 2016	Net Annual Energy Savings (kWh) 2017
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242,254	242,254	242,254	242,254	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,193	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36,116	36,116	36,116	36,116	36,116
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
453	453	370	27	26	26	26	0	0	0	0	0	0	0	0	0	0	16,643,765	16,604,187	16,580,304	16,514,595	16,234,712
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	213,705	213,705	208,863	132,171	36,959
4	4	4	4	2	2	2	0	0	0	0	0	0	0	0	0	0	119,793	119,793	115,177	97,579	97,579
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,472	18,472	18,472	18,472	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41,896	41,896	41,896	41,383	25,601
5	5	5	5	3	3	3	0	0	0	0	0	0	0	0	0	0	267,014	267,014	250,925	196,020	196,020
98	58	54	54	54	54	54	11	0	0	0	0	0	0	0	0	0	1,567,966	1,524,270	1,488,069	1,358,701	1,295,073
354	354	354	354	354	249	0	0	0	0	0	0	0	0	0	0	0	576,778	576,778	576,778	576,778	576,778
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	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	87,631	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	625,401	175,608	175,608	59,778	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	566,746	566,746	566,746	566,746	566,746
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5,471)	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,676	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	95	95	95	51
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,617	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129	129	129	129	129
6	6	6	6	6	5	0	0	0	0	0	0	0	0	0	0	0	11,950	11,950	11,950	11,950	11,950
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,649	21,649	2,054	2,054	476
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50,353	50,353	50,353	50,353	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	325,051	325,051	325,051	325,051	262,504
																409,131	21,424,805	20,796,064	20,690,840	20,179,872	19,340,693
																	5,471	0	0	0	0
																	(8,676)	-	-	-	-
																409,131	21,421,600	20,796,064	20,690,840	20,179,872	19,340,693
																		97.08%	96.59%	94.20%	90.29%

in a separate worksheet and included here.

Net Annual Energy Savings (kWh) 2018	Net Annual Energy Savings (kWh) 2019	Net Annual Energy Savings (kWh) 2020	Net Annual Energy Savings (kWh) 2021	Net Annual Energy Savings (kWh) 2022	Net Annual Energy Savings (kWh) 2023	Net Annual Energy Savings (kWh) 2024	Net Annual Energy Savings (kWh) 2025	Net Annual Energy Savings (kWh) 2026	Net Annual Energy Savings (kWh) 2027	Net Annual Energy Savings (kWh) 2028	Net Annual Energy Savings (kWh) 2029	Net Annual Energy Savings (kWh) 2030	Net Annual Energy Savings (kWh) 2031	Net Annual Energy Savings (kWh) 2032	Net Annual Energy Savings (kWh) 2033	Net Annual Energy Savings (kWh) 2034	Net Annual Energy Savings (kWh) 2035	Net Annual Energy Savings (kWh) 2036	Net Annual Energy Savings (kWh) 2037
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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
36,116	36,116	36,116	26,221	26,221	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
15,906,500	15,906,500	15,899,584	15,065,368	12,672,787	9,838,644	9,781,300	4,329,897	4,112,714	4,112,714	3,321,328	65,118	63,796	63,796	63,796	0	0	0	0	0
36,546	36,546	35,877	35,877	35,877	24,390	19,413	0	0	0	0	0	0	0	0	0	0	0	0	0
97,579	97,579	97,497	70,897	70,897	64,463	63,545	63,545	63,283	63,283	63,230	61,276	35,968	35,968	35,968	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
196,020	196,020	195,789	164,648	164,648	143,270	92,109	92,109	87,248	87,248	86,624	74,771	43,889	43,889	43,889	0	0	0	0	0
1,250,307	1,208,856	1,208,102	681,016	673,843	544,461	539,274	535,000	535,000	219,910	188,202	188,202	188,202	188,202	188,202	79,553	0	0	0	0
576,778	576,778	576,778	576,778	576,778	576,778	576,778	576,778	576,778	576,778	576,778	576,778	576,778	576,778	482,982	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	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
566,746	566,746	566,746	566,746	566,746	566,746	566,746	566,746	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	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
129	129	129	129	129	129	129	129	129	129	129	129	129	120	0	0	0	0	0	0
11,950	11,950	11,950	11,950	11,950	11,950	11,950	11,950	11,950	11,950	11,950	11,950	10,484	0	0	0	0	0	0	0
476	476	476	476	279	279	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
257,105	257,105	257,105	224,846	153,856	153,856	68,369	68,369	68,369	48,887	0	0	0	0	0	0	0	0	0	0

18,936,252	18,894,801	18,886,150
0	0	0
-	-	-
18,936,252	18,894,801	18,886,150
88.40%	88.20%	88.16%

Net Annual Energy Savings (kWh) 2038	Net Annual Energy Savings (kWh) 2039	Net Annual Energy Savings (kWh) 2040
1,000	1,000	1,000

Rate Allocation Percentages for Energy Savings		Rate Allocation Percentages for Peak Demand					
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
		100%					
	100%						
	100%						
	100%						
	3%	51%	0%	18%	28%		
	100%						
100%							
100%							
100%							
100%							
100%							
100%							
100%							
		100%			100%		

100%						
	100%					
100%						
100%						
	100%					
		100%				
	5%	38%	0%	13%	45%	0%

[illegible]

YELLOW SHADED AREA INDICATES INPUT FIELD. SOURCE IS FROM C.R. FILES

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
0.0198	0.0161	4.6248	1.9205	2.1689	2.5128

		2012 Savings								2013 Savings					
Large Use - Ford Annex	Other	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	Residential	General Service <50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large use - Regular	Large Use - 3TS
-	-	-	-	-	-	-	-	-	-	-	-	528.76	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	36,115.92	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	416,094.13	15,185.97	-	5,224.80	8,190.95
-	-	-	-	-	-	-	-	-	-	-	213,704.50	-	-	-	-
-	-	-	-	-	-	-	-	-	-	119,793.12	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	18,471.99	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	41,895.79	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	267,013.60	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1,567,966.34	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	576,778.19	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	4.36	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	800.44
-	-	-	-	-	-	-	-	-	-	-	-	2,286.00	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	95.05	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	22.46	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1,616.87	-	-	-	-	-
-	-	129.00	-	-	-	-	-	-	-	129.00	-	-	-	-	-
-	-	11,949.56	-	-	-	-	-	-	-	11,949.56	-	-	-	-	-
-	-	-	21,648.66	-	-	-	-	-	-	-	21,648.66	-	-	-	-
-	-	-	-	124.25	-	-	-	-	-	-	-	124.25	-	-	-
-	-	-	15,667.48	276.09	1.30	92.42	323.96	1.08	-	-	15,667.48	276.09	1.30	92.42	323.96
-	-	12,078.56	37,316.13	400.34	1.30	92.42	323.96	1.08	-	2,605,713.87	703,253.15	18,401.07	1.30	5,317.22	9,315.35
-	-	-	-	-	-	-	-	-	-	127,016.25	28,831.36	267.48	-	485.16	724.08
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	(12,078.56)	(37,316.13)	(400.34)	(1.30)	(92.42)	(323.96)	(1.08)	-	(12,078.56)	(37,316.13)	(400.34)	(1.30)	(92.42)	(323.96)
-	-	-	-	-	-	-	-	-	-	2,720,651.56	694,768.37	18,268.20	-	5,709.96	9,715.47
(0.0462)	-	0.0198	0.0161	4.5984	1.9214	2.1683	2.6075	(0.0799)	-	0.0199	0.0162	4.6228	1.9316	2.1798	2.7180
-	-	-	-	-	-	-	-	-	-	54,050.28	11,232.09	84,450.25	-	12,446.57	26,406.98

		2014 Savings								2015 Savings					
Large Use - Ford Annex	Other	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	Residential	General Service <50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large use - Regular	Large Use - 3TS
-	-	-	-	528.76	-	-	-	-	-	-	-	528.76	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	36,115.92	-	-	-	-	-	-	-	36,115.92	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	415,104.67	15,114.13	-	5,200.08	8,152.20	-	-	-	414,507.61	15,070.20	-	5,184.97	8,128.51
-	-	-	213,704.50	-	-	-	-	-	-	-	208,863.12	-	-	-	-
-	-	119,793.12	-	-	-	-	-	-	-	115,176.79	-	-	-	-	-
-	-	18,471.99	-	-	-	-	-	-	-	18,471.99	-	-	-	-	-
-	-	41,895.79	-	-	-	-	-	-	-	41,895.79	-	-	-	-	-
-	-	267,013.60	-	-	-	-	-	-	-	250,925.39	-	-	-	-	-
-	-	1,524,270.21	-	-	-	-	-	-	-	1,488,069.33	-	-	-	-	-
-	-	576,778.19	-	-	-	-	-	-	-	576,778.19	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	343.60	-	-	-	-	-	-	-	343.60
-	-	-	-	2,286.00	-	-	-	-	-	-	-	2,286.00	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	95.05	-	-	-	-	-	-	-	95.05	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	129.00	-	-	-	-	-	-	-	129.00	-	-	-	-	-
-	-	11,949.56	-	-	-	-	-	-	-	11,949.56	-	-	-	-	-
-	-	-	21,648.66	-	-	-	-	-	-	-	2,053.58	-	-	-	-
-	-	-	-	124.25	-	-	-	-	-	-	-	124.25	-	-	-
1.08	-	-	15,667.48	276.09	1.30	92.42	323.96	1.08	-	-	15,667.48	276.09	1.30	92.42	323.96
1.08	-	2,560,396.51	702,241.23	18,329.23	1.30	5,292.50	8,819.76	1.08	-	2,503,491.09	677,207.70	18,285.31	1.30	5,277.39	8,796.07
-	-	124,578.60	28,777.22	264.28	-	484.06	1,179.20	-	-	122,722.73	28,777.22	264.28	-	484.06	1,179.20
(1.08)	-	(12,078.56)	(37,316.13)	(400.34)	(1.30)	(92.42)	(323.96)	(1.08)	-	(12,078.56)	(17,721.05)	(400.34)	(1.30)	(92.42)	(323.96)
-	-	2,672,896.55	693,702.32	18,193.17	-	5,684.15	9,675.00	-	-	2,614,135.26	688,263.87	18,149.25	-	5,669.03	9,651.31
(0.0815)	-	0.0200	0.0163	4.6656	1.9495	2.2002	2.7436	(0.0796)	-	0.0202	0.0165	4.7111	1.9690	2.2222	2.7709
-	-	53,547.03	11,330.47	84,881.45	-	12,506.26	26,544.01	-	-	52,892.67	11,379.30	85,502.91	-	12,597.54	26,742.81

		2016 Savings								2017 Savings					
Large Use - Ford Annex	Other	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	Residential	General Service <50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large use - Regular	Large Use - 3TS
-	-	-	-	528.76	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	36,115.92	-	-	-	-	-	-	-	36,115.92	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	412,864.88	14,957.61	-	5,146.23	8,067.78	-	-	-	405,867.79	14,458.64	-	4,974.56	7,798.65
-	-	-	132,170.84	-	-	-	-	-	-	-	36,958.74	-	-	-	-
-	-	97,578.51	-	-	-	-	-	-	-	97,578.51	-	-	-	-	-
-	-	18,471.99	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	41,383.07	-	-	-	-	-	-	-	25,601.00	-	-	-	-	-
-	-	196,020.40	-	-	-	-	-	-	-	196,020.40	-	-	-	-	-
-	-	1,358,701.48	-	-	-	-	-	-	-	1,295,072.55	-	-	-	-	-
-	-	576,778.19	-	-	-	-	-	-	-	576,778.19	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	168.64	-	-	-	-	-	-	-	-
-	-	-	-	2,286.00	-	-	-	-	-	-	-	2,286.00	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	95.05	-	-	-	-	-	-	-	51.34	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	129.00	-	-	-	-	-	-	-	129.00	-	-	-	-	-
-	-	11,949.56	-	-	-	-	-	-	-	11,949.56	-	-	-	-	-
-	-	-	2,053.58	-	-	-	-	-	-	-	475.94	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.08	-	-	15,667.48	276.09	1.30	92.42	323.96	1.08	-	-	12,652.69	185.67	0.87	62.15	217.86
1.08	-	2,301,107.26	598,872.70	18,048.46	1.30	5,238.65	8,560.38	1.08	-	2,203,180.55	492,071.08	16,930.31	0.87	5,036.71	8,016.50
-	-	116,393.81	28,026.12	211.62	-	465.94	1,323.62	-	-	113,668.06	25,953.04	65.92	-	415.93	1,413.87
(1.08)	-	(12,078.56)	(17,721.05)	(276.09)	(1.30)	(92.42)	(323.96)	(1.08)	-	(12,078.56)	(13,128.63)	(185.67)	(0.87)	(62.15)	(217.86)
-	-	2,405,422.50	609,177.77	17,983.99	-	5,612.18	9,560.04	-	-	2,304,770.05	504,895.49	16,810.56	-	5,390.50	9,212.52
(0.0827)	-	0.0172	0.0168	4.7832	1.9988	2.2579	2.8114	(0.0890)	-	0.0123	0.0170	4.8536	2.0279	2.2922	2.8504
-	-	41,453.45	10,234.19	86,021.62	-	12,671.73	26,876.79	-	-	28,348.67	8,600.05	81,591.75	-	12,356.28	26,259.05

		2018 Savings								2019 Savings					
Large Use - Ford Annex	Other	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	Residential	General Service <50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large use - Regular	Large Use - 3TS
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	36,115.92	-	-	-	-	-	-	-	36,115.92	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	397,662.51	14,177.77	-	4,877.93	7,647.15	-	-	-	397,662.51	14,177.77	-	4,877.93	7,647.15
-	-	-	36,545.68	-	-	-	-	-	-	-	36,545.68	-	-	-	-
-	-	97,578.51	-	-	-	-	-	-	-	97,578.51	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	196,020.40	-	-	-	-	-	-	-	196,020.40	-	-	-	-	-
-	-	1,250,306.69	-	-	-	-	-	-	-	1,208,856.24	-	-	-	-	-
-	-	576,778.19	-	-	-	-	-	-	-	576,778.19	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	129.00	-	-	-	-	-	-	-	129.00	-	-	-	-	-
-	-	11,949.56	-	-	-	-	-	-	-	11,949.56	-	-	-	-	-
-	-	-	475.94	-	-	-	-	-	-	-	475.94	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.73	-	-	12,392.48	179.89	0.85	60.21	211.07	0.70	-	-	12,392.48	179.89	0.85	60.21	211.07
0.73	-	2,132,762.35	483,192.53	16,643.65	0.85	4,938.14	7,858.22	0.70	-	2,091,311.91	483,192.53	16,643.65	0.85	4,938.14	7,858.22
-	-	111,616.17	25,400.53	28.66	-	403.12	1,393.77	-	-	109,726.76	25,400.53	28.66	-	403.12	1,393.77
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(0.73)	-	(12,078.56)	(12,868.42)	(179.89)	(0.85)	(60.21)	(211.07)	(0.70)	-	(12,078.56)	(12,868.42)	(179.89)	(0.85)	(60.21)	(211.07)
-	-	2,232,299.96	495,724.64	16,492.43	-	5,281.04	9,040.92	-	-	2,188,960.10	495,724.64	16,492.43	-	5,281.04	9,040.92
(0.0943)	-	0.0071	0.0172	4.8942	2.0450	2.3119	2.8748	(0.1026)	-	0.0018	0.0173	4.9215	2.0561	2.3232	2.8860
-	-	15,774.92	8,509.94	80,717.80	-	12,209.06	25,991.15	-	-	3,867.16	8,559.51	81,166.95	-	12,268.74	26,092.40

Net Annual Energy Savings (kWh) 2025	Net Annual Energy Savings (kWh) 2026	Net Annual Energy Savings (kWh) 2027	Net Annual Energy Savings (kWh) 2028	Net Annual Energy Savings (kWh) 2029	Net Annual Energy Savings (kWh) 2030	Net Annual Energy Savings (kWh) 2031	Net Annual Energy Savings (kWh) 2032	Net Annual Energy Savings (kWh) 2033	Net Annual Energy Savings (kWh) 2034	Net Annual Energy Savings (kWh) 2035	Net Annual Energy Savings (kWh) 2036	Net Annual Energy Savings (kWh) 2037	Net Annual Energy Savings (kWh) 2038	Net Annual Energy Savings (kWh) 2039	Net Annual Energy Savings (kWh) 2040	Rate Allocation Percentages for Energy Savings			
																Residential	General Service <50 kW	General Service 50 - 4,999 kW	
149,431	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
1,165,616	1,165,616	1,148,924	1,148,924	1,147,300	932,679	932,679	932,679	932,679	-	-	-	-	-	-	-	-		100%	
306,269	306,269	304,435	304,435	304,071	137,023	137,023	137,023	137,023	-	-	-	-	-	-	-	-		100%	
632,129	632,129	632,129	632,129	632,129	632,129	632,129	632,129	590,796	-	-	-	-	-	-	-	-		100%	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
1,112,832	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
71,696	71,696	71,696	71,696	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
311,362	302,874	302,874	181,601	176,279	176,279	176,279	176,279	176,279	62,667	-	-	-	-	-	-	-		100%	
5,887,938	4,447,387	4,347,122	4,347,122	3,431,150	342,659	342,659	342,659	342,659	-	-	-	-	-	-	-	-		8%	79%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
(283,373)	(283,373)	(283,373)	(283,373)	(283,373)	(283,373)	(283,373)	(283,373)	(283,373)	(283,373)	(283,373)	(283,373)	(283,373)	(283,373)	-	-	-		100%	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
240	240	240	240	126	126	126	126	-	-	-	-	-	-	-	-	-		100%	
25,324	25,324	25,324	25,324	25,324	25,324	21,954	-	-	-	-	-	-	-	-	-	-		100%	
46,823	46,823	19,170	16,320	16,320	16,320	16,320	16,320	6,780	-	-	-	-	-	-	-	-		100%	
410,646	281,946	281,946	18,900	18,900	18,900	18,900	18,900	-	-	-	-	-	-	-	-	-			
329,867	324,340	324,340	241,260	1,711	1,711	1,711	1,711	-	-	-	-	-	-	-	-	-		3%	51%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
672	672	672	672	672	551	-	-	-	-	-	-	-	-	-	-	-		100%	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
5,520	5,520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		100%	
43,092	43,092	30,884	251	251	251	251	-	-	-	-	-	-	-	-	-	-		5%	38%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2,765	2,765	740	512	512	512	512	512	-	-	-	-	-	-	-	-	-		100%	
10,218,847	7,373,320	7,207,123	6,706,012	5,471,371	2,001,091	1,997,170	1,933,632	1,312,047	-220,706	-283,373	-283,373	-283,373	0	0	0		100%		

YELLOW SHADED AREA INDICATES INPUT FIELD. SOUJ
INITIATIVES WITH 2011 IMPLEMENTATION YEAR, USE
INITIATIVES WITH 2012 IMPLEMENTATION YEAR, USE
INITIATIVES WITH 2013 IMPLEMENTATION YEAR, USE

[illegible]

SOURCE IS FROM C.R. FILES
 2011 ALLOCATION %
 2012 ALLOCATION %
 2013 ALLOCATION %

-	-	58.91	-	-	-	-	-
-	-	(58.91)	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
0.0198	0.0161	4.6248	1.9205	2.1689	2.5128	(0.0462)	-
-	-	-	-	-	-	-	-

12,546.58	8,311.93	134.13	0.08	5.85
(11,875.00)	-	(58.91)	-	-
(671.58)	(8,311.93)	(75.22)	(0.08)	(5.85)
-	-	-	-	-
(0.00)	-	(0.00)	-	-
0.0198	0.0161	4.5984	1.9214	2.1683
(0.00)	-	(0.00)	-	-

	2015 Savings									2016 Savings								
Other	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		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	Residential
-	-	1,044,364.38	-	-	-	-	-	-	-	-	962,057.79	-	-	-	-	-	-	-
-	27,338.55	-	-	-	-	-	-	-	-	27,338.55	-	-	-	-	-	-	-	27,338.55
-	104.41	-	-	-	-	-	-	-	-	104.41	-	-	-	-	-	-	-	-
-	946.75	-	-	-	-	-	-	-	-	946.75	-	-	-	-	-	-	-	946.75
-	15,157.77	-	-	-	-	-	-	-	-	15,157.77	-	-	-	-	-	-	-	15,157.77
-	25,780.38	-	-	-	-	-	-	-	-	25,780.38	-	-	-	-	-	-	-	25,780.38
-	1,657,067.14	-	-	-	-	-	-	-	-	1,525,155.03	-	-	-	-	-	-	-	1,525,155.03
-	408,567.39	-	-	-	-	-	-	-	-	393,981.80	-	-	-	-	-	-	-	393,981.80
-	632,129.16	-	-	-	-	-	-	-	-	632,129.16	-	-	-	-	-	-	-	632,129.16
-	-	-	481.21	-	-	-	-	-	-	-	-	481.21	-	-	-	-	-	-
-	-	-	1,437.95	-	290.86	1,901.51	-	-	-	-	-	932.87	-	188.70	1,233.61	-	-	-
-	-	-	398.71	-	-	-	-	-	-	-	-	398.71	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	809,797.20	-	-	-	-	-	-	-	-	741,048.32	-	-	-	-	-	-	-	-
-	-	765,702.39	15,260.60	90.79	2,258.18	-	-	-	-	-	765,702.39	15,260.60	90.79	2,258.18	-	-	-	707,227.55
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	(1,143.00)	-	-	-	-	-	-	-	-	(1,143.00)	-	-	-	-	-	-
-	-	-	0.35	-	-	-	-	-	-	-	-	0.35	-	-	-	-	-	-
-	349.00	-	-	-	-	-	-	-	-	301.00	-	-	-	-	-	-	-	301.00
-	25,323.69	-	-	-	-	-	-	-	-	25,323.69	-	-	-	-	-	-	-	25,323.69
-	97,050.05	-	-	-	-	-	-	-	-	90,769.12	-	-	-	-	-	-	-	88,043.37
-	-	-	-	-	-	420.33	-	-	-	-	-	-	-	-	593.16	-	-	-
-	-	28,777.22	1,406.93	-	484.06	758.87	-	-	-	-	28,026.12	1,354.27	-	465.94	730.46	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	52.99	-	-	-	-	-	-	-	-	52.99	-	-	-	-	-	-
-	671.58	-	-	-	-	-	-	-	-	671.58	-	-	-	-	-	-	-	671.58
-	-	-	10.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	5,519.80	-	-	-	-	-	-	-	-	5,519.80	-	-	-	-	-	-	-
-	-	-	47.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	2,792.13	17.46	0.08	5.85	20.49	0.07	-	-	-	2,792.13	17.46	0.08	5.85	20.49	0.07	-	-
-	-	-	-	-	-	666.90	-	-	-	-	-	-	-	-	666.90	-	-	-
-	11,691.16	-	-	-	-	-	-	-	-	10,677.14	-	-	-	-	-	-	-	9,948.50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	3,711,974.22	1,847,155.92	17,970.96	90.87	3,038.95	3,768.10	0.07	-	-	3,489,384.68	1,764,098.23	17,355.47	90.87	2,918.67	3,244.63	0.07	-	3,452,005.13
-	(11,691.16)	-	(52.99)	-	-	-	-	-	-	(10,677.14)	-	(52.99)	-	-	-	-	-	(9,948.50)
-	(671.58)	(8,311.93)	(75.22)	(0.08)	(5.85)	(687.39)	(0.07)	-	-	(671.58)	(8,311.93)	(17.46)	(0.08)	(5.85)	(687.39)	(0.07)	-	(671.58)
-	(122,722.73)	(28,777.22)	(264.28)	-	(484.06)	(1,179.20)	-	-	-	(116,393.81)	(28,026.12)	(211.62)	-	(465.94)	(1,323.62)	-	-	(113,668.06)
-	3,576,888.75	1,810,066.77	17,578.47	90.79	2,549.04	1,901.51	-	-	-	3,361,642.16	1,727,760.18	17,073.40	90.79	2,446.88	1,233.61	-	-	3,327,716.98
-	0.0202	0.0165	4.7111	1.9690	2.2222	2.7709	(0.0827)	-	-	0.0172	0.0168	4.7832	1.9988	2.2579	2.8114	(0.0890)	-	0.0123
-	72,372.38	29,926.44	82,813.93	178.77	5,664.40	5,268.89	-	-	-	57,932.30	29,026.37	81,666.04	181.47	5,524.81	3,468.13	-	-	40,930.92

2015 Verified Savings

For: EnWin Utilities Ltd.

2015	Program	Implementation Year	2015	2016	2017	2018	2019	2020	2021	2022
Legacy Framework										
1_2015	1 Coupon Initiative	2015	51	51	51	51	51	51	51	51
2_2015	2 Bi-Annual Retailer Event Initiative	2015	97	95	95	95	95	95	95	95
3_2015	3 Appliance Retirement Initiative	2015	4	4	4	4	2	0	0	0
4_2015	4 HVAC Incentives Initiative	2015	425	425	425	425	425	425	425	425
5_2015	5 Residential New Construction and Major Renovation Initiative	2015	3	3	3	3	3	3	3	3
6_2015	6 Energy Audit Initiative	2015	15	15	15	15	0	0	0	0
7_2015	7 Efficiency: Equipment Replacement Incentive Initiative	2015	1,368	1,368	1,348	1,348	1,348	1,348	1,304	1,304
8_2015	8 Direct Install Lighting and Water Heating Initiative	2015	1	1	0	0	0	0	0	0
9_2015	9 New Construction and Major Renovation Initiative		0	0	0	0	0	0	0	0
10_2015	10 Existing Building Commissioning Incentive Initiative		0	0	0	0	0	0	0	0
11_2015	11 Process and Systems Upgrades Initiatives - Project Incentive Initiative	2015	185	185	185	185	185	185	185	185
13_2015	12 Process and Systems Upgrades Initiatives - Energy Manager Initiative	2015	109	109	38	38	38	38	38	38
12_2015	13 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative		0	0	0	0	0	0	0	0
14_2015	14 Low Income Initiative	2015	21	20	20	20	20	20	20	20
	15 Loblaw's Pilot		0	0	0	0	0	0	0	0
	16 Social Benchmarking Pilot		0	0	0	0	0	0	0	0
	17 Conservation Fund Pilot - SEG		0	0	0	0	0	0	0	0
	18 Conservation Fund Pilot - EnerNOC		0	0	0	0	0	0	0	0
	19 Aboriginal Conservation Program		0	0	0	0	0	0	0	0
	20 Program Enabled Savings		0	0	0	0	0	0	0	0
Conservation First Framework										
	21 Save on Energy Coupon Program		0	0	0	0	0	0	0	0
	22 Save on Energy Heating and Cooling Program		0	0	0	0	0	0	0	0
	23 Save on Energy Home Assistance Program		0	0	0	0	0	0	0	0
	24 Save on Energy Audit Funding Program		0	0	0	0	0	0	0	0
	25 Save on Energy Retrofit Program		0	0	0	0	0	0	0	0
Total			2,279	2,276	2,184	2,184	2,167	2,165	2,121	2,121

PLUS ADJUSTMENTS FOR:

2016

2017

REMOVAL OF ADJUSTMENTS IN YEARS 2015 & 2016 FROM 2017 TO REFLECT DISPOSITION OF LRAM IN 2018 IRM RATE APPLICATION

2015 SAVINGS PERSISTING EACH OF THE FOLLOWING YEARS

DISTRIBUTION RATES

LOST REVENUE

Peak Demand savings are monthly savings in IESO reports prior to 2016. Persistent net savings will multiply savings by 12 for annual peak demand persistent savings.
Energy savings are annual savings in IESO reports prior to 2016 and will not require savings to be multiplied by 12.

Net Annual Energy Savings (kW)

[illegible]

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2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
705,495	705,192	263,607	263,607	263,607	263,607	0	0	0	0	0	0
1,205,023	1,202,213	445,376	445,376	445,376	445,376	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
804,478	804,478	804,478	804,478	764,595	0	0	0	0	0	0	0
7,789	7,789	7,789	7,789	7,789	7,789	7,789	7,789	7,789	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3,052,452	1,524,359	271,999	271,999	271,999	271,999	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	0	0	0	0	0	0	0	0	0	0
40,082	39,493	39,493	39,493	39,493	39,493	5,271	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	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
5,815,319	4,283,524	1,832,742	1,832,742	1,792,859	1,028,264	13,060	7,789	7,789	0	0	0

Rate Allocation Percentages for Energy Savings		Rate Allocation Percentages for Peak Demand					
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

100%							
100%							
100%							
100%							
100%							
		100%					
	20%	60%	0%	7%	16%		
	100%						

		100%					
		85%		15%			

100%							
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YELLOW SHADED AREA INDICATES INPUT FIELD. SOURCE IS FROM C.R. FILES

2015 Savin			
Residential	General Service <50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW

779,806.00	-	-	-
1,434,212.00	-	-	-
27,073.00	-	-	-
804,478.00	-	-	-
7,789.00	-	-	-
-	-	180.00	-
-	1,961,409.42	9,833.18	11.49
-	1,765.00	-	-

-	-	2,220.00	-
-	-	1,110.49	-

133,108.00	-	-	-
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3,186,466.00	1,963,174.42	13,343.68	11.49
323,821.29	439,511.81	2,259.71	2.40
-	294,692.30	2,800.56	3.27
-	(294,692.30)	(2,800.56)	(3.27)
3,510,287.29	2,402,686.23	15,603.39	13.89
0.0202	0.0165	4.7111	1.9690
\$ 71,024.81	\$ 39,724.41	\$ 73,509.11	\$ 27.35

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Large use - Regular	Large Use - 3TS	Large Use - Ford Annex	Other
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
1,083.46	2,574.03	-	-
-	-	-	-

-	-	-	-
197.38	-	-	-

-	-	-	-
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2016 Savings							
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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
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772,732.00	-	-	-	-	-	-	-
1,408,722.00	-	-	-	-	-	-	-
27,073.00	-	-	-	-	-	-	-
804,478.00	-	-	-	-	-	-	-
7,789.00	-	-	-	-	-	-	-
-	-	180.00	-	-	-	-	-
-	1,961,409.42	9,833.18	11.49	1,083.46	2,574.03	-	-
-	1,765.00	-	-	-	-	-	-

-	-	2,220.00	-	-	-	-	-
-	-	1,110.49	-	197.38	-	-	-

112,008.00	-	-	-	-	-	-	-
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1,280.83	2,574.03	-	-	3,132,802.00	1,963,174.42	13,343.68	11.49	1,280.83	2,574.03	-	-
226.17	537.33	-	-	299,513.45	439,511.81	2,259.71	2.40	226.17	537.33	-	-
308.58	733.10	-	-	-	294,692.30	2,800.56	3.27	308.58	733.10	-	-
(308.58)	(733.10)	-	-	-	(294,692.30)	(2,800.56)	(3.27)	(308.58)	(733.10)	-	-
1,507.01	3,111.36	-	-	3,432,315.45	2,402,686.23	15,603.39	13.89	1,507.01	3,111.36	-	-
2.2222	2.7709	(0.0827)	-	0.0172	0.0168	4.7832	1.9988	2.2579	2.8114	(0.0890)	-
\$ 3,348.82	\$ 8,621.28	\$ -	\$ -	\$ 59,150.24	\$ 40,365.13	\$ 74,634.64	\$ 27.76	\$ 3,402.67	\$ 8,747.18	\$ -	\$ -

2017 Savings							
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

772,732.00	-	-	-	-	-	-	-
1,408,722.00	-	-	-	-	-	-	-
27,073.00	-	-	-	-	-	-	-
804,478.00	-	-	-	-	-	-	-
7,789.00	-	-	-	-	-	-	-
-	-	180.00	-	-	-	-	-
-	1,948,909.18	9,689.42	11.32	1,067.62	2,536.40	-	-
-	447.00	-	-	-	-	-	-

-	-	2,220.00	-	-	-	-	-
-	-	387.14	-	68.81	-	-	-

108,372.00	-	-	-	-	-	-	-
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2018 Savir			
Residential	General Service <50 kW	General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW

772,732.00	-	-	-
1,408,722.00	-	-	-
27,073.00	-	-	-
804,478.00	-	-	-
7,789.00	-	-	-
-	-	180.00	-
-	1,948,909.18	9,689.42	11.32
-	447.00	-	-

-	-	2,220.00	-
-	-	387.14	-

105,841.00	-	-	-
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3,129,166.00	1,949,356.18	12,476.57	11.32	1,136.43	2,536.40	-	-
295,878.67	439,511.81	2,259.71	2.40	226.17	537.33	-	-
-	308,510.46	2,943.29	3.44	324.30	770.46	-	-
3,425,044.67	2,697,378.45	17,679.57	17.16	1,686.90	3,844.19	-	-
0.0123	0.0170	4.8536	2.0279	2.2922	2.8504	(0.0943)	-
\$ 42,128.05	\$ 45,945.35	\$ 85,809.55	\$ 34.80	\$ 3,866.77	\$ 10,957.36	\$ -	\$ -

3,126,635.00	1,949,356.18	12,476.57	11.32
292,243.89	439,511.81	2,259.71	2.40
-	309,024.55	2,949.11	3.45
3,418,878.89	2,697,892.55	17,685.39	17.17
0.0071	0.0172	4.8942	2.0450
\$ 24,160.08	\$ 46,313.82	\$ 86,556.41	\$ 35.11

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Large use - Regular	Large Use - 3TS	Large Use - Ford Annex	Other
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
1,067.62	2,536.40	-	-
-	-	-	-

-	-	-	-
68.81	-	-	-

-	-	-	-
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2019 Savings							
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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
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772,732.00	-	-	-	-	-	-	-
1,408,722.00	-	-	-	-	-	-	-
15,872.00	-	-	-	-	-	-	-
804,478.00	-	-	-	-	-	-	-
7,789.00	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	1,948,909.18	9,689.42	11.32	1,067.62	2,536.40	-	-
-	447.00	-	-	-	-	-	-

-	-	2,220.00	-	-	-	-	-
-	-	387.14	-	68.81	-	-	-

105,420.00	-	-	-	-	-	-	-
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1,136.43	2,536.40	-	-	3,115,013.00	1,949,356.18	12,296.57	11.32	1,136.43	2,536.40	-	-
226.17	537.33	-	-	292,036.87	439,511.81	2,469.53	2.40	226.17	537.33	-	-
324.94	771.99	-	-	-	309,024.55	2,949.11	3.45	324.94	771.99	-	-
1,687.54	3,845.72	-	-	3,407,049.87	2,697,892.55	17,715.20	17.17	1,687.54	3,845.72	-	-
2.3119	2.8748	(0.1026)	-	0.0018	0.0173	4.9215	2.0561	2.3232	2.8860	(0.1473)	-
\$ 3,901.38	\$ 11,055.80	\$ -	\$ -	\$ 6,019.12	\$ 46,583.61	\$ 87,184.79	\$ 35.30	\$ 3,920.45	\$ 11,098.87	\$ -	\$ -

2020 Savings							
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

772,732.00	-	-	-	-	-	-	-
1,408,722.00	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
804,478.00	-	-	-	-	-	-	-
7,789.00	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	1,948,909.18	9,689.42	11.32	1,067.62	2,536.40	-	-
-	447.00	-	-	-	-	-	-

-	-	2,220.00	-	-	-	-	-
-	-	387.14	-	68.81	-	-	-

105,420.00	-	-	-	-	-	-	-
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3,099,141.00	1,949,356.18	12,296.57	11.32	1,136.43	2,536.40	-	-
292,036.87	439,511.81	2,469.53	2.40	226.17	537.33	-	-
-	309,024.55	2,949.11	3.45	324.94	771.99	-	-
3,391,177.87	2,697,892.55	17,715.20	17.17	1,687.54	3,845.72	-	-
-	-	-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2016 Verified Savings

For: EnWin Utilities Ltd.

2016	Program	Implementation Year	2015	2016	2017	2018	2019	2020	2021	2022	2023
Legacy Framework											
a_2015	1 Coupon Initiative	2015	8	8	8	8	8	8	8	8	8
b_2015	2 Bi-Annual Retailer Event Initiative	2015	1	1	1	1	1	1	1	1	1
	3 Appliance Retirement Initiative		0	0	0	0	0	0	0	0	0
c_2015	4 HVAC Incentives Initiative	2015	16	16	16	16	16	16	16	16	16
d_2015	5 Residential New Construction and Major Renovation Initiative	2015	0	0	0	0	0	0	0	0	0
e_2015	6 Energy Audit Initiative	2015	17	17	17	17	35	35	35	35	35
f_2015	7 Efficiency: Equipment Replacement Incentive Initiative	2015	248	248	248	248	248	248	237	237	237
	8 Direct Install Lighting and Water Heating Initiative		0	0	0	0	0	0	0	0	0
	9 New Construction and Major Renovation Initiative		0	0	0	0	0	0	0	0	0
	10 Existing Building Commissioning Incentive Initiative		0	0	0	0	0	0	0	0	0
	11 Process and Systems Upgrades Initiatives - Project Incentive Initiative		0	0	0	0	0	0	0	0	0
	12 Process and Systems Upgrades Initiatives - Energy Manager Initiative		0	0	0	0	0	0	0	0	0
	13 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative		0	0	0	0	0	0	0	0	0
g_2015	14 Low Income Initiative	2015	17	16	16	16	16	16	16	16	14
	15 Loblaws Pilot		0	0	0	0	0	0	0	0	0
	16 Social Benchmarking Pilot		0	0	0	0	0	0	0	0	0
	17 Conservation Fund Pilot - SEG		0	0	0	0	0	0	0	0	0
	18 Conservation Fund Pilot - EnerNOC		0	0	0	0	0	0	0	0	0
	19 Aboriginal Conservation Program		0	0	0	0	0	0	0	0	0
	20 Program Enabled Savings		0	0	0	0	0	0	0	0	0
Conservation First Framework											
38_2016	21 Building Optimization Pilot Program	2016	0	828	809	809	806	806	805	791	791
51_2016	22 Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	2016	0	0	0	0	0	0	0	0	0
	23 EnWin Heat Pump Pilot Program		0	0	0	0	0	0	0	0	0
	24 Intelligent Air Technology Pilot Program		0	0	0	0	0	0	0	0	0
	25 Save on Energy Home Assistance Program		0	0	0	0	0	0	0	0	0
24_2016	26 Save on Energy Process & Systems Upgrade Program		0	0	0	0	0	0	0	0	0
30_2016	27 Save on Energy Audit Funding Program	2016	0	34	34	34	34	34	34	34	34
25_2016	28 Save on Energy Coupon Program	2016	0	409	409	409	409	409	409	409	409
21_2016	29 Save on Energy Energy Manager Program	2016	0	130	130	130	130	130	130	130	130
32_2016	30 Save on Energy Retrofit Program	2016	0	1,328	1,302	1,302	1,302	1,302	1,299	1,299	1,299
26_2016	31 Save on Energy Retrofit Program	2015	37	37	37	37	37	37	34	34	34
h_2015	32 Save on Energy Retrofit Program Enabled Savings	2016	0	0	0	0	0	0	0	0	0
33_2016											
Total			346	3,074	3,028	3,028	3,042	3,042	3,023	3,009	3,007

PLUS ADJUSTMENTS FOR:

2017

2018

LESS ADJUSTMENTS FOR:

2015

REMOVAL OF ADJUSTMENTS IN 2016 FROM 2017 TO REFLECT DISPOSITION OF LRAM IN 2018 ILM RATE APPLICATION

REMOVAL OF ADJUSTMENTS IN 2016 FROM 2018 TO REFLECT DISPOSITION OF LRAM IN 2018 ILM RATE APPLICATION

2016 SAVINGS PERSISTING EACH OF THE FOLLOWING YEARS

DISTRIBUTION RATES

LOST REVENUE

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

Net Annual Peak Demand Savings																
2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040

8	8	8	8	8	8	8	4	4	4	4	0	0	0	0	0	0
1	1	1	1	1	1	1	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
16	16	16	16	16	16	16	16	16	14	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	35	35	35	24	0	0	0	0	0	0	0	0	0	0	0	0
188	138	138	110	110	110	89	19	19	19	19	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0
14	14	14	13	13	7	7	7	7	7	7	2	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
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

787	787	787	776	643	643	614	569	561	561	11	11	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
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
34	34	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
409	407	393	393	393	393	341	341	147	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
1,298	1,298	1,294	764	300	300	150	16	16	16	16	16	0	0	0	0	0
24	1	1	1	1	1	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
2,815	2,739	2,695	2,117	1,510	1,479	1,226	973	771	622	58	29	0	0	0	0	0

2015	2016	2017	2018	2019
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131,213	129,341	129,341	129,341	129,341
14,835	14,661	14,661	14,661	14,661
0	0	0	0	0
30,489	30,489	30,489	30,489	30,489
3,038	3,038	3,038	3,038	3,038
80,960	80,960	80,960	80,960	152,318
2,064,736	2,064,736	2,064,736	2,064,736	2,064,736
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
144,246	121,984	118,349	114,715	114,508
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	1,878,207	1,840,083	1,840,083	1,799,960
0	827	827	827	827
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	262,853	262,853	262,853	262,853
0	6,293,912	6,293,912	6,293,912	6,293,912
0	1,122,503	1,122,503	1,122,503	1,122,503
0	20,012,797	19,839,762	19,839,762	19,839,762
166,288	166,288	166,288	166,288	166,288
0	46,072	46,072	46,072	46,072
2,635,806	32,228,669	32,013,875	32,010,240	32,041,267

Net Annual Energy Savings (kWh)

2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
129,341	129,341	129,289	129,289	129,289	126,049	125,909	125,909	125,623	125,623	125,395	64,604	64,604	64,604	64,604	0
14,661	14,661	14,624	14,624	14,624	12,403	12,302	12,302	11,923	11,923	11,879	4,964	4,964	4,964	4,964	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30,489	30,489	30,489	30,489	30,489	30,489	30,489	30,489	30,489	30,489	30,489	30,489	30,489	29,010	0	0
3,038	3,038	3,038	3,038	3,038	3,038	3,038	3,038	3,038	3,038	3,038	3,038	3,038	3,038	3,038	3,038
152,318	152,318	152,318	152,318	152,318	152,318	152,318	152,318	106,622	0	0	0	0	0	0	0
2,064,736	1,978,587	1,978,587	1,964,991	1,596,280	1,198,943	1,185,811	967,855	967,855	967,855	766,119	48,097	48,097	48,097	48,097	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	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	0
114,508	111,791	111,341	78,761	78,409	76,848	76,848	76,528	76,528	26,822	26,102	26,102	26,102	26,102	26,102	12,788
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	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
1,799,960	1,777,557	1,738,800	1,738,800	1,710,984	1,710,984	1,621,620	1,604,782	1,422,206	1,372,626	1,344,457	705,160	673,655	673,655	13,541	13,541
827	827	827	827	827	827	827	827	827	827	491	491	491	491	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	0	0	0	0	0	0	0	0	0	0
262,853	262,853	262,853	262,853	262,853	262,853	64,895	0	0	0	0	0	0	0	0	0
6,293,912	6,293,912	6,293,912	6,292,985	6,292,985	6,265,010	6,189,578	6,185,902	6,185,902	6,152,573	5,334,914	5,334,914	2,346,283	0	0	0
1,122,503	1,122,503	1,122,503	1,122,503	0	0	0	0	0	0	0	0	0	0	0	0
19,839,762	19,814,000	19,814,000	19,814,000	19,809,177	19,809,177	19,779,727	17,070,974	2,067,077	2,067,077	548,765	12,489	12,489	12,489	12,489	12,489
166,288	152,144	152,144	152,144	107,478	828	828	828	828	828	391	0	0	0	0	0
46,072	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32,041,267	31,844,021	31,804,725	31,757,623	30,188,751	29,649,766	29,244,190	26,231,750	10,998,918	10,759,681	8,192,041	6,230,347	3,210,211	862,449	172,833	41,855

[illegible]

	1%	98%					
		100%					
5%		95%					
100%							
					100%		
1%	4%	61%	0%	0%	24%		
	20%	60%	0%	7%	16%		

YELLOW SHADED AREA INDICATES INPUT FIELD. SOURCE IS FROM C.R. FILES

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-	-
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-	-
-	-
-	-
-	-
-	32,758.80
-	-

-	-
-	-
(323,821.29)	(439,511.81)

	-	-	
	0.0202	0.0165	
\$	-	\$	-

2015 Savings					
General Service 50 - 4,999 kW	General Service 3,000 - 4,999 kW	Large use - Regular	Large Use - 3TS	Large Use - Ford Annex	Other

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
207.01	-	-	-	-	-
1,785.04	2.09	196.68	467.27	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
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2016 Savings							
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

129,341.35	-	-	-	-	-	-	-
14,660.91	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
30,489.00	-	-	-	-	-	-	-
3,038.00	-	-	-	-	-	-	-
-	-	207.01	-	-	-	-	-
-	406,753.01	1,785.04	2.09	196.68	467.27	-	-
-	-	-	-	-	-	-	-

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

121,984.20	-	-	-	-	-	-	-
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-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
267.66	0.31	29.49	70.06	-	-
-	-	-	-	-	-

2,259.71	2.40	226.17	537.33	-	-
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-	-	-	-	-	-
-	-	-	-	-	-

(2,259.71)	(2.40)	(226.17)	(537.33)	-	-
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4.7111	1.9690	2.2222	2.7709	(0.0827)	-
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\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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-	19,908.99	9,775.39	-	-	-	-	-
-	-	1.44	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
13,142.64	-	391.02	-	-	-	-	-
6,293,911.88	-	-	-	-	-	-	-
-	-	-	-	-	1,557.27	-	-
130,083.18	744,476.06	9,778.47	27.10	71.74	3,838.69	-	-
-	32,758.80	267.66	0.31	29.49	70.06	-	-
-	-	-	-	-	-	-	-

6,736,651.15	1,203,896.86	22,206.03	29.50	297.91	5,933.30	-	-
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890,232.33	164,758.22	4,444.20	12.26	32.46	1,736.97	-	-
-	35,325.39	529.57	-	-	-	-	-

(299,513.45)	(439,511.81)	(2,259.71)	(2.40)	(226.17)	(537.33)	-	-
(890,232.33)	(164,758.22)	(4,444.20)	(12.26)	(32.46)	(1,736.97)	-	-
-	(35,325.39)	(529.57)	-	-	-	-	-

6,437,137.70	764,385.05	19,946.32	27.10	71.74	5,395.96	-	-
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0.0172	0.0168	4.7832	1.9988	2.2579	2.8114	(0.0890)	-
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\$ 110,933.34	\$ 12,841.67	\$ 95,407.88	\$ 54.17	\$ 161.97	\$ 15,170.02	\$ -	\$ -
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2017 Savings							
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

129,341.35	-	-	-	-	-	-	-
14,660.91	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
30,489.00	-	-	-	-	-	-	-
3,038.00	-	-	-	-	-	-	-
-	-	207.01	-	-	-	-	-
-	406,753.01	1,785.04	2.09	196.68	467.27	-	-
-	-	-	-	-	-	-	-

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

118,349.41	-	-	-	-	-	-	-
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2018 Savings						
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

129,341.35	-	-	-	-	-	-
14,660.91	-	-	-	-	-	-
-	-	-	-	-	-	-
30,489.00	-	-	-	-	-	-
3,038.00	-	-	-	-	-	-
-	-	207.01	-	-	-	-
-	406,753.01	1,785.04	2.09	196.68	467.27	-
-	-	-	-	-	-	-

-	-	-	-	-	-	-
-	-	-	-	-	-	-

114,714.63	-	-	-	-	-	-
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-	19,504.88	9,550.49	-	-	-	-	-
-	-	1.44	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
13,142.64	-	391.02	-	-	-	-	-
6,293,911.88	-	-	-	-	-	-	-
-	-	-	-	-	1,557.27	-	-
128,958.45	738,039.13	9,583.00	26.56	70.30	3,761.96	-	-
-	32,758.80	267.66	0.31	29.49	70.06	-	-
-	-	-	-	-	-	-	-

6,731,891.64	1,197,055.83	21,785.67	28.96	296.48	5,856.56	-	-
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891,357.06	171,195.14	4,639.67	12.80	33.89	1,813.70	-	-
-	35,325.39	529.57	-	-	-	-	-

(295,878.67)	(439,511.81)	(2,259.71)	(2.40)	(226.17)	(537.33)	-	-
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7,327,370.03	928,739.15	24,165.63	39.36	104.20	7,132.93	-	-
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0.0123	0.0170	4.8536	2.0279	2.2922	2.8504	(0.0943)	-
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\$ 90,126.65	\$ 15,819.52	\$ 117,290.28	\$ 79.83	\$ 238.84	\$ 20,331.46	\$ -	\$ -
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-	19,504.88	9,550.49	-	-	-	-	-
-	-	1.44	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
13,142.64	-	391.02	-	-	-	-	-
6,293,911.88	-	-	-	-	-	-	-
-	-	-	-	-	-	1,557.27	-
128,958.45	738,039.13	9,583.00	26.56	70.30	3,761.96	-	-
-	32,758.80	267.66	0.31	29.49	70.06	-	-
-	-	-	-	-	-	-	-

6,728,256.85	1,197,055.83	21,785.67	28.96	296.48	5,856.56	-	-
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892,219.29	176,129.75	4,896.98	13.52	35.78	1,914.71	-	-
-	35,150.71	526.95	-	-	-	-	-

(292,243.89)	(439,511.81)	(2,259.71)	(2.40)	(226.17)	(537.33)	-	-
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7,328,232.26	933,673.76	24,422.93	40.08	106.08	7,233.94	-	-
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0.0071	0.0172	4.8942	2.0450	2.3119	2.8748	(0.1026)	-
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\$ 51,786.17	\$ 16,028.07	\$ 119,531.54	\$ 81.96	\$ 245.25	\$ 20,796.37	\$ -	-
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[illegible]

Large Use - Ford Annex	Other

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\$	-	\$	-
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2017 Verified Savings

For: EnWin Utilities Ltd.

Net

2017	Program	Implementation Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
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													
a_2015	7 Efficiency: Equipment Replacement Incentive Initiative	2015	384	384	384	384	384	384	384	384	371	365	343	57
b_2015	8 Direct Install Lighting and Water Heating Initiative - Blended Baseline Impacts	2015	0	0	0	0	0	0	0	0	0	0	0	0
c_2015	9 Efficiency: Equipment Replacement Incentive Initiative - Blended Baseline Impacts	2015	15	15	35	36	36	36	80	80	81	68	36	36
d_2015	10 Efficiency: Equipment Replacement Incentive Initiative - Blended Baseline Impacts - TRUE-UP	2015	-10	-10	-10	-10	-10	-10	2	2	2	7	11	11
	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														
36_2017	21 Whole Home Pilot Program	2017	0	0	47	47	47	47	47	46	46	46	46	46
23_2017	22 Save on Energy Instant Discount Program	2017	0	0	453	331	331	331	331	331	331	331	331	331
a_2016	23 EnWin Heat Pump Pilot Program	2016	0	32	32	32	32	32	32	32	32	32	32	32
	24 Intelligent Air Technology Pilot Program													
24_2017	25 Save on Energy Home Assistance Program	2017	0	0	10	10	10	10	10	10	10	10	10	10
30_2017	26 Save on Energy Process & Systems Upgrade Program	2017	0	0	1,093	1,093	1,093	1,093	1,093	1,093	1,093	1,093	1,093	1,093
b_2016	27 Save on Energy Audit Funding Program	2016	0	2	2	2	2	2	2	2	2	2	2	0
21_2017	28 Save on Energy Coupon Program	2017	0	0	486	394	394	394	394	394	394	394	394	393
32_2017	29 Save on Energy Energy Manager Program	2017	0	0	16	16	16	16	16	16	16	16	16	16
26_2017	30 Save on Energy Retrofit Program	2017	0	0	2,296	2,531	2,531	2,531	2,531	2,489	2,489	2,489	2,464	2,464
27_2017	31 Save on Energy Small Business Lighting Program	2017	0	0	60	60	60	59	57	48	38	31	26	15
c_2016	32 Save on Energy Coupon Program	2016	0	45	45	45	45	45	45	45	45	45	45	45
d_2016	33 Save on Energy Energy Manager Program	2016	0	0	0	0	0	0	0	0	0	0	0	0
e_2016	34 Save on Energy Retrofit Program	2016	0	707	707	708	708	708	708	708	708	701	701	695
f_2016	35 Save on Energy Retrofit Program - Blended Baseline Impacts	2016	0	-106	-80	-45	-45	-45	-45	-45	-45	-45	-45	-63
e_2015	36 Save on Energy Retrofit Program - Blended Baseline Impacts - TRUE-UP	2015	0	0	0	0	0	0	3	3	3	2	0	0
39_2017	37 Save on Energy Energy Performance Program for Multi-Site Customers	2017	0	0	0	0	0	0	0	0	0	0	0	0
Total			389	1,069	5,577	5,633	5,633	5,632	5,689	5,637	5,615	5,587	5,505	5,181

PLUS ADJUSTMENTS FOR:

2018
2019

LESS ADJUSTMENTS FOR:

2015
2016

REMOVAL OF ADJUSTMENTS IN 2017 FROM 2019 TO REFLECT DISPOSITION OF LRAM IN 2020 COS RATE APPLICATION

2017 SAVINGS PERSISTING EACH OF THE FOLLOWING YEARS

DISTRIBUTION RATES

LOST REVENUE

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

Annual Peak Demand Savings

[illegible]

4,837	3,346	2,495	1,141	775	645	311	78	44	29	0	0	0	0
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[illegible]

1,499,318	6,803,903	36,707,998	34,125,578	34,125,249	34,121,393	34,482,255	34,068,978
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Net Annual Energy Savings (kWh)

2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
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[illegible]

251,399	251,399	251,399	251,399	251,399	250,762	250,762	250,762	250,762	246,891	246,891	246,477	240,141	50,787	265	265	0
4,780,890	4,780,798	4,780,798	4,780,798	4,693,758	4,685,576	4,685,576	3,956,338	3,956,338	3,064,363	2,428,729	0	0	0	0	0	0
157,963	157,963	157,963	157,963	157,963	157,963	157,963	157,963	157,963	157,963	157,963	0	0	0	0	0	0
47,065	47,065	47,065	47,065	35,409	35,364	34,812	34,812	32,192	32,192	32,192	32,192	32,192	32,192	0	0	0
5,008,156	5,008,156	5,008,156	5,008,156	5,008,156	5,008,156	5,008,156	0	0	0	0	0	0	0	0	0	0
13,143	13,143		3,245	0	0	0	0	0	0	0	0	0	0	0	0	0
5,638,884	5,638,826	5,638,826	5,624,846	5,506,174	5,505,271	5,505,271	5,504,836	4,672,162	4,672,162	552,815	0	0	0	0	0	0
355,446	355,446	355,446	355,446	325,142	325,142	325,142	325,142	325,142	0	0	0	0	0	0	0	0
9,554,672	9,554,672	9,388,921	9,388,921	9,005,172	6,941,624	2,535,860	2,011,538	395,431	0	0	0	0	0	0	0	0
151,631	115,277	92,142	49,502	14,960	8,796	8,429	7,384	4,919	381	0	0	0	0	0	0	0
702,765	702,765	703,769	704,229	704,898	704,898	703,031	608,880	608,880	250,929	0	0	0	0	0	0	0
1,671	1,671	1,671	1,671	1,671	835	835	835	0	0	0	0	0	0	0	0	0
4,700,809	4,677,212	4,677,212	4,620,718	3,065,264	546,001	546,001	49,039	3,580	3,580	3,580	3,580	3,580	3,580	0	0	0
33,862	33,862	33,862	-62,171	231,357	0	0	0	0	0	0	0	0	0	0	0	0
14,144	9,969	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
650,621	650,621	650,621	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33,991,949	33,858,658	33,264,808	31,324,143	29,202,917	24,353,558	19,945,009	13,053,368	10,491,231	8,512,323	3,506,032	366,111	275,913	82,979	265	265	0

[illegible]

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-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	310,542.10	2,763.25	3.23	304.46	723.33	-
-	(838.61)	-	-	-	-	-
-	5,431.85	107.67	0.13	11.86	28.18	-
-	(20,443.05)	(70.36)	(0.08)	(7.75)	(18.42)	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

[illegible]

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-	-	-	-	-	-	-
-	(294,692.30)	(2,800.56)	(3.27)	(308.58)	(733.10)	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
0.0202	0.0165	4.7111	1.9690	2.2222	2.7709	(0.0827)
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

-		-	-	-	-	-	-	-	-
-		-	-	-	-	-	-	-	-
-	157,963.24	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	657.13	-	19.55	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	702,823.56	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	30,536.77	174,764.30	5,206.11	14.43	38.19	2,043.74	-	-	-
-	(1,748.37)	(10,006.08)	(781.45)	(2.17)	(5.73)	(306.77)	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	890,232.33	459,450.51	7,244.76	15.54	341.04	2,470.07	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)	\$ -	\$ -	\$ -	\$ -
-	0.0172	0.0168	4.7832	1.9988	2.2579	2.8114	(0.0890)	-	-
\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)	\$ -	\$ -	\$ -	\$ -

259,670.00	-	-	-	-	-
6,601,721.00	-	-	-	-	-
157,963.24	-	-	-	-	-
-	-	-	-	-	-
47,065.00	-	-	-	-	-
-	-	-	-	-	13,116.00
657.13	-	19.55	-	-	-
7,005,969.00	-	-	-	-	-
-	-	192.00	-	-	-
-	890,903.23	23,308.99	669.51	749.41	179.09
-	310,320.00	-	-	-	-
702,823.56	-	-	-	-	-
-	-	-	-	-	-
30,536.77	174,764.30	5,206.11	14.43	38.19	2,043.74
(623.64)	(3,569.16)	(585.99)	(1.62)	(4.30)	(230.04)
-	-	-	-	-	-
-	-	-	-	-	-
14,805,782.06	1,680,928.83	31,083.95	685.76	1,107.61	15,879.25
9,831.39	442,752.81	3,745.71	309.37	533.12	1,659.69
-	64,836.61	3,546.65	-	-	426.62
-	(308,510.46)	(2,943.29)	(3.44)	(324.30)	(770.46)
(891,357.06)	(171,195.14)	(4,639.67)	(12.80)	(33.89)	(1,813.70)
-	(64,836.61)	(3,546.65)	-	-	(426.62)
13,924,256.39	1,643,976.04	27,246.70	978.88	1,282.53	14,954.78
0.0123	0.0170	4.8536	2.0279	2.2922	2.8504
\$ 171,268.35	\$ 28,002.39	\$ 132,244.58	\$ 1,985.11	\$ 2,939.86	\$ 42,626.59

	-		259,670.00	-	-	-	-	-	-		259,670.00	-	-	-	-	-	
-	-		4,780,890.00	-	-	-	-	-	-		4,780,890.00	-	-	-	-	-	
-	-		157,963.24	-	-	-	-	-	-		157,963.24	-	-	-	-	-	
-	-		-	-	-	-	-	-	-		-	-	-	-	-	-	
-	-		47,065.00	-	-	-	-	-	-		47,065.00	-	-	-	-	-	
-	-		-	-	-	-	-	13,116.00	-		-	-	-	-	-	13,116.00	
-	-		657.13	-	19.55	-	-	-	-		657.13	-	19.55	-	-	-	
-	-		5,638,884.00	-	-	-	-	-	-		5,638,884.00	-	-	-	-	-	
-	-		-	-	192.00	-	-	-	-		-	-	192.00	-	-	-	
-	-		-	935,998.77	25,694.71	738.04	826.12	197.42	-		-	935,998.77	25,694.71	738.04	826.12	197.42	
-	-		-	310,320.00	-	-	-	-	-		-	309,991.00	-	-	-	-	
-	-		702,823.56	-	-	-	-	-	-		702,823.56	-	-	-	-	-	
-	-		-	-	-	-	-	-	-		-	-	-	-	-	-	
-	-		30,555.26	174,870.10	5,211.85	14.44	38.23	2,045.99	-		30,555.26	174,870.10	5,211.85	14.44	38.23	2,045.99	
-	-		220.10	1,259.65	(334.42)	(0.93)	(2.45)	(131.28)	-		220.10	1,259.65	(334.42)	(0.93)	(2.45)	(131.28)	
-	-		-	-	-	-	-	-	-		-	-	-	-	-	-	
-	-		-	-	-	-	-	-	-		-	-	-	-	-	-	
-	-		11,618,728.29	1,731,473.07	33,732.80	755.00	1,186.84	16,000.12	-		11,618,728.29	1,731,144.07	33,732.80	755.00	1,186.84	16,000.12	
-	-		9,750.57	441,950.86	3,745.71	309.37	533.12	1,659.69	-		9,750.57	438,200.65	3,737.69	307.84	530.48	1,659.69	
-	-		-	64,836.61	3,540.04	-	-	426.62	-		-	64,515.98	3,523.71	-	-	424.51	
-	-		-	(309,024.55)	(2,949.11)	(3.45)	(324.94)	(771.99)	-		-	(309,024.55)	(2,949.11)	(3.45)	(324.94)	(771.99)	
-	-		(892,219.29)	(176,129.75)	(4,896.98)	(13.52)	(35.78)	(1,914.71)	-		(892,219.29)	(176,129.75)	(4,896.98)	(13.52)	(35.78)	(1,914.71)	
-	-		-	(64,836.61)	(3,540.04)	-	-	(426.62)	-		-	-	-	-	-	-	
-	-		10,736,259.57	1,688,269.63	29,632.42	1,047.41	1,359.24	14,973.11	-		10,736,259.57	1,748,706.40	33,148.11	1,045.88	1,356.60	15,397.61	
(0.0943)	-		0.0071	0.0172	4.8942	2.0450	2.3119	2.8748	(0.1026)		0.0018	0.0173	4.9215	2.0561	2.3232	2.8860	
\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
			75,869.57	28,981.96	145,027.97	2,141.95	3,142.37	43,045.18	-		18,967.39	30,194.33	163,137.32	2,150.47	3,151.61	44,438.02	

[illegible]

2018 Unverified Savings

For: EnWin Utilities Ltd.

Net Annual Peak Dem

2019	Program	Implementation Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
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															
24_2018	25 Save on Energy Home Assistance Program	2018				6	5	5								
a_2017	26 Save on Energy Process & Systems Upgrade Program	2017			315	315	315	315								
	27 Save on Energy Audit Funding Program															
21_2018	28 Save on Energy Instant Discount Program	2018				127	126	126								
b_2017	29 Save on Energy Energy Manager Program	2017			0	0	0	0								
c_2017	30 Save on Energy Retrofit Program	2017			238	238	237	237								
d_2017	31 Save on Energy Small Business Lighting Program	2017			1	1	1	1								
e_2017	32 Save on Energy Coupon Program	2017			1	1	1	1								
32_2018	33 Save on Energy Energy Manager Program	2018				193	193	193								
26_2018	34 Save on Energy Retrofit Program	2018				860	860	856								
	35 Save on Energy Retrofit Program	2016			49	49	49	49								
	36 Save on Energy Retrofit Program - Blended Baseline Impacts - TRUE-UP															
30_2018	37 Save on Energy Process & Systems Upgrade Program	2018				1,438	1,438	1,438								
27_2018	38 Save on Energy Small Business Lighting Program	2018				54	47	35								
	39 Save on Energy Energy Performance Program for Multi-Site Customers															
Total			0	49	604	3,282	3,272	3,255	0	0	0	0	0	0	0	0

**PLUS ADJUSTMENTS FOR:
2019**

**LESS ADJUSTMENTS FOR:
2015
2016
2017**

REMOVAL OF ADJUSTMENTS IN 2018 FROM 2019 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.

and Savings

2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
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[illegible][illegible][illegible]

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
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[illegible]

			10,638	9,502	9,290				
		3,066,122	3,066,122	3,066,122	3,066,122				
			1,592,250	1,579,160	1,579,160				
		358,431	358,431	358,431	358,431				
		2,693,279	2,693,279	2,679,960	2,679,960				
		6,711	5,909	4,315	4,302				
		9,831	9,751	9,751	9,751				
			831,290	831,290	831,290				
			5,395,817	5,395,817	5,369,135				
	1,139,529	1,139,529	1,133,894	1,133,894	1,133,894				
			12,068,251	12,068,251	12,068,251				
			303,666	267,378	195,253				

0	1,139,529	7,273,903	27,469,297	27,403,872	27,304,839	0	0	0	0
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[illegible][illegible][illegible]

INPUT FIELD. SOURCE IS FROM C.R. FILES

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-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
0.0202	0.0165	4.7111	1.9690	2.2222	2.7709	(0.0827)	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

	35,325.39	529.57
-	-	-
-	-	-
-	(35,325.39)	(529.57)
-	-	-
-	-	-
0.0172	0.0168	4.7832
\$ - \$	- \$	-

[illegible]

[illegible]

Large Use - 3TS	Large Use - Ford Annex	Other

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1,659.69	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
308.06	1,293.86	-
-	-	-
-	-	-
-	-	-
-	-	-

1,967.75	1,293.86	-
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210.59	-	-
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-	-	-
-	-	-
(1,659.69)	-	-

518.65	1,293.86	-
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\$ -	\$ -	\$ -
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2019 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
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											
	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											
b_2017	31 Save on Energy Small Business Lighting Program	2017			5	4	3	3											
	32 Save on Energy Coupon Program																		
	33 Save on Energy Energy Manager Program																		
a_2018	34 Save on Energy Retrofit Program	2018				508	508	506											
c_2017	35 Save on Energy Retrofit Program	2017			95	95	95	95											
	36 Save on Energy Retrofit Program - Blended Baseline Impacts - TRUE-UP																		
	37 Save on Energy Process & Systems Upgrade Program																		
b_2018	38 Save on Energy Small Business Lighting Program	2018				12	10	7											
	39 Save on Energy Energy Performance Program for Multi-Site Customers																		
Total			0	0	337	856	1,132	1,127	0	0	0	0	0	0	0	0	0	0	0

PLUS ADJUSTMENTS FOR:

LESS ADJUSTMENTS FOR:

2015

2016

2017

2018

2019 SAVINGS PERSISTING EACH OF THE FOLLOWING YEARS

DISTRIBUTION RATES

LOST REVENUE

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

[illegible][illegible]

ings (kWh)

[illegible][illegible][illegible][illegible]

YELLOW SHADED AREA INDICATES INPUT FIELD. SOURCE IS FROM C.R. FILES

[illegible]

[illegible]

Reporting year

2016
2017
2018
2019
2020

Project completion Dates

2016	2017	2018	2019	2020
Yr. 1	Yr. 2	Yr. 3	Yr. 4	Yr. 5
	Yr. 1	Yr. 2	Yr. 3	Yr. 4
		Yr. 1	Yr. 2	Yr. 3
			Yr. 1	Yr. 2
				Yr. 1

Source below: AJ Canover, IESO

LDC report program naming convention

Program (Based on 2015 Verified CFF and Legacy)

Audit_Funding_Program	Save on Energy Audit Funding Program
Coupon_Program	Save on Energy Coupon Program
HVAC Incentives Initiative	Save on Energy Heating and Cooling Program
Home_Assistance_Program	Save on Energy Home Assistance Program
Retrofit	Save on Energy Retrofit Program
New_Construction_Program	Save on Energy New Construction Program
N/A	Save on Energy High Performance New Construction Program
Small_Business_Lighting	Save on Energy Small Business Lighting Program
N/A	Social Benchmarking Local Program
Process_and_Systems_Upgrades_Program	Save on Energy Process & Systems Upgrades Program
N/A	Save on Energy Existing Building Commissioning Program
N/A	Process and Systems Upgrades Initiatives - Project Incentive Initiative
Energy_Manager_Program	Save on Energy Process & Systems Upgrades Program

Yr. 1	Yr. 2	Yr. 3	Yr. 4	Yr. 5	Yr. 6
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%
100.0%	99.2%	99.2%	99.2%	99.2%	99.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	89.3%	87.3%	85.3%	85.2%	85.2%
100.0%	100.0%	99.5%	99.5%	99.5%	99.5%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	99.0%	99.0%	99.0%	99.0%
100.0%	88.1%	64.3%	64.1%	64.1%	64.1%
100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1.00	1.00	1.00	-	-	-
1.00	1.00	1.00	1.00	1.00	1.00
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

	-1	-2	-3	-4	-5
2020	2019	2018	2017	2016	2015

Distribution Rates

Instruction

Please update **Table 5** with the approved distribution rates for the utility's respective rate classes . The applicable rates to estimate lost revenues will autopopulate in **Table 6**.

LDCs to update the rate classes as appropriate below depending on the utility's customer mix.

Legend

User Inputs (Green)

Auto Populated Cells (White)

Table 5. Distribution Volumetric Rate by Billing Period

Volumetric Rate Rider Charges for Tax Changes

[illegible]

Volumetric Dx Charge

[illegible]

Total Volumetric Charge

[illegible]

Table 6. Summary Table: Average Distribution Volumetric Rates by Year for LRAM Calculation

[illegible]

Interest Rates & Charges

Interest Charge Summary

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Opening Balance	\$ -	\$ 804.37	\$ 4,379.58	\$ 13,210.66	\$ 30,099.88	\$ 52,314.88	\$ 83,222.66	\$ 48,109.14	\$ -	\$ 11,695.96
Incremental Annual Charges	804.37	3,575.21	8,831.08	16,889.22	22,215.00	30,907.78	48,109.14	54,360.43	11,695.96	16,005.26
Ending Balance	\$ 804.37	\$ 4,379.58	\$ 13,210.66	\$ 30,099.88	\$ 52,314.88	\$ 83,222.66	\$ 131,331.80	\$ 102,469.57	\$ 11,695.96	\$ 27,701.22

Prescribed Annual Interest Rates

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	1.47%	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.50%	2.45%	2.18%
Feb	1.47%	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.50%	2.45%	2.18%
Mar	1.47%	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.50%	2.45%	2.18%
Apr	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.10%	1.89%	2.18%	2.18%
May	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.10%	1.89%	2.18%	2.18%
Jun	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.10%	1.89%	2.18%	2.18%
Jul	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.10%	1.89%	2.18%	0.57%
Aug	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.10%	1.89%	2.18%	0.57%
Sep	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.10%	1.89%	2.18%	0.57%
Oct	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.50%	2.17%	2.18%	0.57%
Nov	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.50%	2.17%	2.18%	0.57%
Dec	1.47%	1.47%	1.47%	1.47%	1.10%	1.10%	1.50%	2.17%	2.18%	0.57%
Annual Average	1.47%	1.47%	1.47%	1.47%	1.19%	1.10%	1.20%	1.86%	2.25%	1.38%

LRAM

Opening LRAM Balance	-	119,387.56	389,548.79	850,359.75	1,501,777.92	2,343,056.43	3,361,402.05	1,322,947.47	0.00	1,164,018.75
Incremental Annual LRAM	119,387.56	270,161.23	460,810.95	651,418.18	841,278.51	1,018,345.62	1,322,947.47	1,289,863.96	1,164,018.75	-
Residential	41,771.71	81,476.85	135,939.33	213,880.27	277,475.23	333,571.18	415,267.57	225,323.70	56,388.25	-
General Service <50 kW	33,751.59	51,064.10	62,528.51	79,064.99	118,097.91	130,127.28	140,854.93	159,010.42	159,730.45	-
General Service 50 - 4,999 kW	34,829.07	84,863.47	169,413.55	253,372.21	328,245.60	422,522.31	581,606.93	711,369.68	736,122.28	-
General Service 3,000 - 4,999 kW	-	94.20	93.85	272.28	301.68	360.41	2,373.15	3,364.33	12,487.89	-
Large use - Regular	9,035.20	16,603.96	29,083.18	34,966.64	38,548.83	38,971.63	41,948.64	48,744.73	55,194.31	-
Large Use - 3TS	-	36,061.91	63,755.83	69,865.01	78,612.60	92,796.42	140,899.86	142,188.32	144,292.59	-
Large Use - Ford Annex	-	(3.26)	(3.30)	(3.22)	(3.34)	(3.60)	(3.61)	(137.21)	(197.01)	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL	119,387.56	270,161.23	460,810.95	651,418.18	841,278.51	1,018,345.62	1,322,947.47	1,289,863.96	1,164,018.75	-

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	-	146.25	477.20	1,041.69	1,839.68	2,147.80	3,081.29	5,855.44	0.00	2,114.63
Feb	12.19	173.83	524.24	1,108.19	1,925.56	2,225.59	3,182.34	5,989.80	198.04	2,114.63
Mar	24.37	201.41	571.28	1,174.69	2,011.44	2,303.38	3,283.40	6,124.16	396.09	2,114.63
Apr	36.56	228.99	618.32	1,241.19	1,569.42	2,381.17	3,384.46	7,885.73	528.66	2,114.63
May	48.75	256.57	665.36	1,307.69	1,633.69	2,458.96	3,485.52	2,760.82	704.88	2,114.63
Jun	60.94	284.14	712.40	1,374.19	1,697.95	2,536.75	3,586.58	2,930.12	881.10	2,114.63
Jul	73.12	311.72	759.44	1,440.68	1,762.22	2,614.54	3,687.64	3,099.41	1,057.32	552.91
Aug	85.31	339.30	806.49	1,507.18	1,826.48	2,692.33	3,788.69	3,268.70	1,233.54	552.91
Sep	97.50	366.88	853.53	1,573.68	1,890.74	2,770.12	3,889.75	3,438.00	1,409.76	552.91
Oct	109.69	394.46	900.57	1,640.18	1,955.01	2,847.91	5,442.02	4,141.71	1,585.98	552.91
Nov	121.87	422.04	947.61	1,706.68	2,019.27	2,925.70	5,579.82	4,336.08	1,762.20	552.91
Dec	134.06	449.62	994.65	1,773.18	2,083.54	3,003.49	5,717.63	4,530.46	1,938.41	552.91

Annual Interest Charges	804.37	3,575.21	8,831.08	16,889.22	22,215.00	30,907.78	48,109.14	54,360.43	11,695.96	16,005.26
CHECK	804.37	3,575.21	8,831.08	16,889.22	22,215.00	30,907.78	48,109.14	54,360.43	11,695.96	16,005.26
Residential	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	-	51.17	150.98	317.51	579.51	688.00	993.77	1,874.23	-	102.44
Feb	4.26	59.49	164.86	339.34	607.83	713.48	1,025.49	1,897.70	9.59	102.44
Mar	8.53	67.81	178.73	361.17	636.16	738.96	1,057.22	1,921.17	19.19	102.44
Apr	12.79	76.12	192.61	383.01	497.23	764.44	1,088.94	2,450.25	25.61	102.44
May	17.06	84.44	206.49	404.84	518.43	789.92	1,120.66	772.34	34.15	102.44
Jun	21.32	92.76	220.37	426.67	539.63	815.40	1,152.38	801.92	42.68	102.44
Jul	25.59	101.07	234.24	448.51	560.82	840.88	1,184.10	831.49	51.22	26.78
Aug	29.85	109.39	248.12	470.34	582.02	866.37	1,215.82	861.06	59.76	26.78
Sep	34.11	117.71	262.00	492.17	603.21	891.85	1,247.55	890.64	68.29	26.78
Oct	38.38	126.03	275.87	514.01	624.41	917.33	1,744.46	1,056.54	76.83	26.78
Nov	42.64	134.34	289.75	535.84	645.61	942.81	1,787.71	1,090.49	85.37	26.78
Dec	46.91	142.66	303.63	557.67	666.80	968.29	1,830.97	1,124.45	93.90	26.78
Annual Interest Charges	281.44	1,162.99	2,727.65	5,251.08	7,061.66	9,937.73	15,449.07	15,572.27	566.58	775.34

General Service <50 kW	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	-	41.35	103.90	180.50	277.35	315.80	435.08	769.36	-	290.18
Feb	3.45	46.56	110.28	188.57	289.41	325.74	445.84	785.93	27.18	290.18
Mar	6.89	51.77	116.67	196.64	301.46	335.68	456.60	802.49	54.35	290.18
Apr	10.34	56.98	123.05	204.71	234.61	345.62	467.36	1,032.01	72.54	290.18
May	13.78	62.20	129.43	212.78	243.63	355.56	478.12	305.33	96.73	290.18
Jun	17.23	67.41	135.81	220.85	252.65	365.50	488.88	326.20	120.91	290.18
Jul	20.67	72.62	142.20	228.92	261.67	375.44	499.64	347.07	145.09	75.87
Aug	24.12	77.84	148.58	237.00	270.69	385.38	510.40	367.94	169.27	75.87
Sep	27.56	83.05	154.96	245.07	279.71	395.32	521.16	388.81	193.45	75.87
Oct	31.01	88.26	161.35	253.14	288.73	405.26	725.34	470.37	217.63	75.87
Nov	34.45	93.47	167.73	261.21	297.76	415.20	740.02	494.33	241.81	75.87
Dec	37.90	98.69	174.11	269.28	306.78	425.14	754.69	518.29	266.00	75.87
Annual Interest Charges	227.40	840.19	1,668.08	2,698.66	3,304.44	4,445.64	6,523.14	6,608.12	1,604.96	2,196.29

General Service 50 - 4,999 kW	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	-	42.67	146.62	354.15	664.54	798.16	1,185.48	2,343.57	-	1,337.29
Feb	3.56	51.33	163.92	380.02	698.04	830.44	1,229.90	2,417.67	125.24	1,337.29
Mar	7.11	59.99	181.21	405.89	731.55	862.72	1,274.33	2,491.77	250.49	1,337.29
Apr	10.67	68.66	198.51	431.75	572.49	894.99	1,318.76	3,233.00	334.32	1,337.29
May	14.22	77.32	215.80	457.62	597.57	927.27	1,363.19	1,289.50	445.76	1,337.29
Jun	17.78	85.98	233.09	483.48	622.64	959.54	1,407.62	1,382.87	557.20	1,337.29
Jul	21.33	94.64	250.39	509.35	647.72	991.82	1,452.05	1,476.23	668.64	349.66
Aug	24.89	103.31	267.68	535.21	672.79	1,024.10	1,496.47	1,569.60	780.09	349.66
Sep	28.44	111.97	284.98	561.08	697.87	1,056.37	1,540.90	1,662.97	891.53	349.66
Oct	32.00	120.63	302.27	586.94	722.94	1,088.65	2,161.81	2,016.53	1,002.97	349.66
Nov	35.55	129.30	319.57	612.81	748.01	1,120.92	2,222.40	2,123.73	1,114.41	349.66
Dec	39.11	137.96	336.86	638.67	773.09	1,153.20	2,282.98	2,230.93	1,225.85	349.66
Annual Interest Charges	234.66	1,083.75	2,900.90	5,956.95	8,149.26	11,708.18	18,935.90	24,238.37	7,396.50	10,121.68

General Service 3,000 - 4,999 kW	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	-	-	0.12	0.23	0.56	0.70	1.03	4.37	-	22.69
Feb	-	0.01	0.12	0.26	0.59	0.73	1.21	4.72	2.12	22.69
Mar	-	0.02	0.13	0.29	0.63	0.75	1.39	5.07	4.25	22.69
Apr	-	0.03	0.14	0.31	0.49	0.78	1.57	6.83	5.67	22.69
May	-	0.04	0.15	0.34	0.51	0.81	1.75	5.50	7.56	22.69
Jun	-	0.05	0.16	0.37	0.54	0.84	1.94	5.95	9.45	22.69
Jul	-	0.06	0.17	0.40	0.56	0.86	2.12	6.39	11.34	5.93
Aug	-	0.07	0.18	0.42	0.58	0.89	2.30	6.83	13.23	5.93

Sep	-	0.08	0.19	0.45	0.61	0.92	2.48	7.27	15.12	5.93
Oct	-	0.09	0.20	0.48	0.63	0.95	3.63	8.85	17.01	5.93
Nov	-	0.10	0.21	0.51	0.65	0.97	3.88	9.36	18.91	5.93
Dec	-	0.11	0.22	0.54	0.68	1.00	4.12	9.87	20.80	5.93
Annual Interest Charges	-	0.63	2.02	4.60	7.03	10.20	27.41	81.01	125.48	171.71

Large use - Regular	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	-	11.07	31.41	67.03	109.87	117.55	153.28	261.45	-	100.27
Feb	0.92	12.76	34.38	70.60	113.80	120.53	156.48	266.53	9.39	100.27
Mar	1.84	14.46	37.35	74.17	117.74	123.51	159.68	271.60	18.78	100.27
Apr	2.77	16.15	40.31	77.74	91.05	126.48	162.89	348.62	25.07	100.27
May	3.69	17.85	43.28	81.31	93.99	129.46	166.09	91.66	33.42	100.27
Jun	4.61	19.54	46.25	84.88	96.94	132.44	169.30	98.06	41.78	100.27
Jul	5.53	21.24	49.22	88.45	99.88	135.41	172.50	104.46	50.13	26.22
Aug	6.46	22.93	52.19	92.02	102.83	138.39	175.71	110.85	58.49	26.22
Sep	7.38	24.63	55.16	95.59	105.77	141.37	178.91	117.25	66.85	26.22
Oct	8.30	26.32	58.13	99.16	108.72	144.34	248.34	141.97	75.20	26.22
Nov	9.22	28.02	61.10	102.73	111.66	147.32	252.71	149.31	83.56	26.22
Dec	10.15	29.71	64.07	106.30	114.61	150.30	257.08	156.66	91.91	26.22
Annual Interest Charges	60.87	244.69	572.84	1,040.01	1,266.86	1,607.10	2,252.96	2,118.41	554.59	758.99

Large Use - 3TS	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	-	-	44.18	122.28	207.86	227.60	312.67	602.49	-	262.13
Feb	-	3.68	50.68	129.41	215.89	234.69	323.43	617.30	24.55	262.13
Mar	-	7.36	57.19	136.54	223.91	241.78	334.19	632.11	49.10	262.13
Apr	-	11.04	63.70	143.67	173.56	248.87	344.96	815.12	65.53	262.13
May	-	14.73	70.21	150.80	179.56	255.96	355.72	296.57	87.38	262.13
Jun	-	18.41	76.72	157.94	185.57	263.05	366.48	315.23	109.22	262.13
Jul	-	22.09	83.23	165.07	191.57	270.14	377.25	333.89	131.07	68.54
Aug	-	25.77	89.73	172.20	197.58	277.22	388.01	352.55	152.91	68.54
Sep	-	29.45	96.24	179.33	203.58	284.31	398.77	371.22	174.75	68.54
Oct	-	33.13	102.75	186.47	209.59	291.40	558.46	447.64	196.60	68.54
Nov	-	36.81	109.26	193.60	215.59	298.49	573.14	469.06	218.44	68.54
Dec	-	40.49	115.77	200.73	221.60	305.58	587.81	490.49	240.29	68.54
Annual Interest Charges	-	242.97	959.66	1,938.04	2,425.87	3,199.10	4,920.89	5,743.67	1,449.84	1,984.02

Large Use - Ford Annex	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	-	-	(0.00)	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	-	(0.36)
Feb	-	(0.00)	(0.00)	(0.01)	(0.01)	(0.01)	(0.02)	(0.04)	(0.03)	(0.36)
Mar	-	(0.00)	(0.00)	(0.01)	(0.01)	(0.01)	(0.02)	(0.05)	(0.07)	(0.36)
Apr	-	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.09)	(0.09)	(0.36)
May	-	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.08)	(0.12)	(0.36)
Jun	-	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.10)	(0.15)	(0.36)
Jul	-	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.11)	(0.18)	(0.09)
Aug	-	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.13)	(0.21)	(0.09)
Sep	-	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.15)	(0.24)	(0.09)
Oct	-	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.19)	(0.27)	(0.09)
Nov	-	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.21)	(0.30)	(0.09)
Dec	-	(0.00)	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	(0.23)	(0.33)	(0.09)
Annual Interest Charges	-	(0.02)	(0.07)	(0.12)	(0.13)	(0.16)	(0.22)	(1.41)	(1.98)	(2.71)

[illegible]

[illegible]

LRAM Account Summary

		Lost Revenue in 2011 from 2011 programs	Lost Revenue in 2012 from 2012 programs and savings persisting in 2012	Lost Revenue in 2013 from 2013 programs and savings persisting in 2013	Lost Revenue in 2014 from 2014 programs and savings persisting in 2014	Lost Revenue in 2015 from 2015 programs and savings persisting in 2015	Lost Revenue in 2016 from 2016 programs and savings persisting in 2016	Lost Revenue in 2017 from 2017 programs and savings persisting in 2017	Lost Revenue in 2018 from 2018 programs and savings persisting in 2018	Lost Revenue in 2019 from 2019 programs and savings persisting in 2019	Lost Revenue in 2020 from 2020 programs and savings persisting in 2020	Account Balance
Opening LRAM Balance		\$ -	\$ 119,387.56	\$ 389,548.79	\$ 850,359.75	\$ 1,501,777.92	\$ 2,343,056.43	\$ 3,361,402.05	\$ 1,322,947.47	\$ 0.00	\$ 1,164,018.76	\$ 0.00
Residential	150680	41,771.71	81,476.85	135,939.33	213,880.27	277,475.23	333,571.18	415,267.57	225,323.70	56,388.25		56,388.25
General Service <50 kW	150682	33,751.59	51,064.10	62,528.51	79,064.99	118,097.91	130,127.28	140,854.93	159,010.42	159,730.45		159,730.45
General Service 50 - 4,999 kW	150683	34,829.07	84,863.47	169,413.55	253,372.21	328,245.60	422,522.31	581,606.93	711,369.68	736,122.28		736,122.28
General Service 3,000 - 4,999 kW	150684	-	94.20	93.85	272.28	301.68	360.41	2,373.15	3,364.33	12,487.89		12,487.89
Large use - Regular	150685	9,035.20	16,603.96	29,083.18	34,966.64	38,548.83	38,971.63	41,948.64	48,744.73	55,194.31		55,194.31
Large Use - 3TS	150686	-	36,061.91	63,755.83	69,865.01	78,612.60	92,796.42	140,899.86	142,188.32	144,292.59		144,292.59
Large Use - Ford Annex	-	-	(3.26)	(3.30)	(3.22)	(3.34)	(3.60)	(3.61)	(137.21)	(197.01)		(197.01)
Other	-	-	-	-	-	-	-	-	-	-		-
Incremental Annual LRAM		119,387.56	270,161.23	460,810.95	651,418.18	841,278.51	1,018,345.62	1,322,947.47	1,289,863.96	1,164,018.75	-	1,164,018.75
Ending LRAM Balance		\$ 119,387.56	\$ 389,548.79	\$ 850,359.75	\$ 1,501,777.92	\$ 2,343,056.43	\$ 3,361,402.05	\$ 4,684,349.52	\$ 2,612,811.43	\$ 1,164,018.76	\$ 1,164,018.76	\$ 1,164,018.76
Interest Charge Ending Balance	150681	\$ 804.37	\$ 4,379.58	\$ 13,210.66	\$ 30,099.88	\$ 52,314.88	\$ 83,222.66	\$ 131,331.80	\$ 102,469.57	\$ 11,695.96	\$ 27,701.22	\$ 27,701.22
Total LRAM & Interest Balance		\$ 120,191.94	\$ 393,928.37	\$ 863,570.41	\$ 1,531,877.80	\$ 2,395,371.31	\$ 3,444,624.70	\$ 4,815,681.31	\$ 2,715,281.00	\$ 1,175,714.72	\$ 1,191,719.98	\$ 1,191,719.98

- Variance check 1/0
0

Treatment of Adjustments:

Per LRAM workform and comment from OEB instructing us on treatment.
OEB Staff:

Adjustments should be applied to the year that LRAM is claimed was related to. For example, adjustments to 2011 results should be shown as part of the calculation of 2011 lost revenues. In the event that the utility uses initiative level adjustments, these calculations can be done in a separate worksheet and included here.

GENERAL COMMENTS:

- Sentinel Lighting, Streetlighting and Unmeter Scattered Load are categorized as "Other" for the purposes of this report
- Savings related to Sentinel Lighting, Streetlighting and Unmeter Scattered Load are excluded from LRAM calculations as distribution revenue is collected through a per connection service charge (energy savings has no impact on distribution revenues)

Appendix H

Rate Class Allocation - LRAMVA – 2019

Program Name	(All)
Project Completion Year	(All)
Application included in 2018 LRAM Claim?	(Multiple Items)

Row Labels	Sum of Total Net Demand Savings (kW)	Sum of Total Net Energy Savings (kWh)	% Allocation of kW	% Allocation of kWh
<50 kW	166.56	925,827.94	14.67%	12.81%
>5 MW	229.35	1,688,208.55	20.20%	23.36%
>5 MW 3TS	79.61	639,192.14	7.01%	8.85%
>50 kW	660.11	3,973,169.47	58.13%	54.98%
Grand Total	1,135.63	7,226,398.10		
CHECK			100.00%	100.00%

LDC Application ID	Application included in 2018 LRAM Claim?	Lead LDC	Program Name	LDC Acct #	Rate Class	IESO Reporting Period	Project Completion Date	Project Completion Year	Total Gross Demand Savings (kW)	Total Gross Energy Savings (kWh)	Total Net Demand Savings (kW)	Total Net Energy Savings (kWh)
154090	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-06-01	2018-06-20	2018	9.80	4,994.00	8.520	4,341.622
161509	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2017-06-08	2017	-	54,312.00	-	47,217.097
161908	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-04-01	2017-06-13	2017	-	147,752.00	-	128,450.811
161975	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-09-01	2017-03-31	2017	-	6,699.00	-	5,823.894
162000	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-09-01	2017-03-31	2017	-	23,944.00	-	20,816.139
168494	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW 3TS	2019-09-01	2017-02-01	2017	-	20,160.00	-	17,526.452
168749	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2017-04-21	2017	41.10	260,061.00	35.731	226,088.624
170161	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW 3TS	2019-06-01	2017-08-01	2017	21.96	192,356.00	19.091	167,228.086
170162	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW 3TS	2019-06-01	2017-08-01	2017	15.68	113,366.00	13.632	98,556.735
170164	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW 3TS	2019-06-01	2017-08-01	2017	3.25	70,295.00	2.825	61,112.200
171389	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW	2019-07-01	2019-12-30	2019	83.90	373,453.00	72.940	324,667.962
172986	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW 3TS	2019-09-01	2018-12-31	2018	9.83	45,149.00	8.546	39,251.081
173171	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-07-01	2017-08-31	2017	14.34	65,464.00	12.467	56,912.285
173497	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-03-01	2017-04-30	2017	-	-	-	-
173556	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-03-01	2017-04-30	2017	-	-	-	-
174798	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-09-01	2018-09-03	2018	39.10	280,997.00	33.992	244,289.705
175525	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-04-01	2018-07-19	2018	1.90	9,036.00	1.652	7,855.606
175546	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-04-01	2018-07-19	2018	1.56	7,166.00	1.356	6,229.889
175619	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-07-01	2017-05-18	2017	5.76	26,461.00	5.008	23,004.338
176339	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-07-01	2017-10-27	2017	0.80	7,577.00	0.695	6,587.199
176439	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-07-01	2017-08-31	2017	0.35	314.00	0.304	272.981
176790	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-04-01	2018-07-19	2018	1.70	7,879.00	1.478	6,849.748
177296	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-04-01	2018-07-19	2018	1.98	14,599.00	1.721	12,691.899
177299	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-07-01	2018-07-19	2018	3.00	14,110.00	2.608	12,266.778
177445	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-03-01	2018-05-18	2018	-	-	-	-
177491	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-09-01	2018-10-03	2018	2.84	10,857.00	2.469	9,438.725
178094	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-07-01	2018-10-03	2018	3.26	18,007.00	2.834	15,654.704
178720	#N/A	TORONTO HYDRO-ELECTRIC SYSTEM	Save on Energy Retrofit Program		>50 kW	2019-10-01	2018-12-31	2018	29.50	189,356.00	25.646	164,619.983
179094	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2017-06-30	2017	-	11,340.00	-	9,858.629
179264	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-04-01	2017-08-31	2017	-	11,461.00	-	9,963.823
179302	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW	2019-03-01	2017-07-06	2017	-	-	-	-
181936	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-09-01	2017-10-13	2017	6.10	24,325.00	5.303	21,147.368
183017	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW 3TS	2019-07-01	2018-05-31	2018	1.42	10,367.00	1.235	9,012.735
184427	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW 3TS	2019-07-01	2018-04-17	2018	1.42	10,367.00	1.235	9,012.735
184428	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW	2019-04-01	2018-02-15	2018	179.91	1,568,428.00	156.408	1,363,540.586
184725	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-09-01	2018-01-22	2018	1.39	833.00	1.208	724.183
184810	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-09-01	2018-02-22	2018	1.70	13,819.00	1.478	12,013.792
184828	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-09-01	2018-12-31	2018	0.86	14,700.00	0.748	12,779.705
184835	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-09-01	2018-02-22	2018	2.56	16,815.00	2.226	14,618.417
184866	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2017-11-30	2017	-	-	-	-
185100	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-07-01	2017-11-10	2017	0.44	2,006.00	0.383	1,743.952
185783	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW	2019-03-01	2018-03-30	2018	-	-	-	-
186668	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-09-01	2018-03-22	2018	17.50	80,395.00	15.214	69,892.813
186720	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-01-09	2018	-	-	-	-
186929	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-01-15	2018	-	-	-	-
187350	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-03-01	2017-12-29	2017	-	12,516.00	-	10,881.006
188141	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-07-01	2018-08-07	2018	-	13,767.00	-	11,968.585
188330	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW 3TS	2019-07-01	2019-12-31	2019	30.41	222,936.00	26.437	193,813.349
188481	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW	2019-03-01	2018-01-31	2018	-	-	-	-
189001	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-07-01	2018-06-29	2018	0.90	2,530.00	0.782	2,199.500
189136	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-07-01	2018-02-28	2018	10.75	40,510.00	9.346	35,218.084
189243	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW	2019-03-01	2018-04-30	2018	-	-	-	-
190521	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-07-01	2018-03-09	2018	6.93	60,676.00	6.025	52,749.752
192758	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-06-12	2018	-	-	-	-
193024	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-03-01	2018-04-25	2018	-	-	-	-
193072	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-10-01	2019-01-23	2019	42.93	377,915.00	37.322	328,547.081
193134	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW 3TS	2019-07-01	2018-10-31	2018	5.60	41,054.00	4.868	35,691.020
193144	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-11-13	2018	-	-	-	-
193146	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-11-13	2018	-	-	-	-
193670	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-09-01	2019-08-12	2019	13.18	114,789.00	11.458	99,793.845
193711	#N/A	TORONTO HYDRO-ELECTRIC SYSTEM	Save on Energy Retrofit Program		>50 kW	2019-09-01	2018-09-02	2018	26.92	123,493.00	23.403	107,360.821
194027	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-04-01	2018-10-22	2018	39.74	326,725.00	34.549	284,044.150
194270	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-06-29	2018	-	-	-	-
194490	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-11-30	2018	31.10	189,450.00	27.037	164,701.704
194533	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-04-01	2018-07-13	2018	-	5,848.00	-	5,084.062
194563	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-10-18	2018	-	-	-	-
194565	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-11-23	2018	-	-	-	-
194617	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-06-22	2018	-	-	-	-
194666	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>5 MW 3TS	2019-07-01	2018-09-30	2018	2.00	9,188.00	1.739	7,987.750
194888	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-06-29	2018	-	-	-	-
194891	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-03-01	2018-06-29	2018	-	-	-	-
195022	#N/A	TORONTO HYDRO-ELECTRIC SYSTEM	Save on Energy Retrofit Program		>50 kW	2019-07-01	2018-10-26	2018	55.27	208,503.00	48.050	181,265.766
195113	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-04-01	2019-03-02	2019	45.73	366,431.00	39.756	318,563.262
195122	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-07-01	2018-07-20	2018	3.80	19,770.00	3.304	17,187.399
195383	#N/A	TORONTO HYDRO-ELECTRIC SYSTEM	Save on Energy Retrofit Program		<50 kW	2019-11-01	2018-07-24	2018	-	10,807.00	-	9,395.256
195993	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-07-01	2019-05-22	2019	40.38	155,071.00	35.105	134,813.713
196826	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-10-01	2018-11-14	2018	2.73	1,635.00	2.373	1,421.416
198198	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		>50 kW	2019-10-01	2019-05-06	2019	51.40	438,982.00	44.685	381,636.756
199402	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-09-01	2019-07-25	2019	4.36	17,223.00	3.790	14,973.119
199404	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-09-01	2019-07-23	2019	7.56	29,618.00	6.572	25,748.931
199419	#N/A	ENWIN UTILITIES LTD.	Save on Energy Retrofit Program		<50 kW	2019-07-01	2018-12-12	2018	87.65	402,664.00	76.200	350,063.061
201469	#N/A	TORONTO HYDRO-ELECTRIC SYSTEM	Save on Energy Retrofit Program		<50 kW	2019-04-01	2019-12-31	2019	0.73	8,931.00	0.635	7,764.323
205276	#N/A	ALECTRA UTILITIES CORPORATION	Save on Energy Retrofit Program		<50 kW	2019-10-01	2019-05-30	2019	-	12,700.00	-	11,040.969
170101-047	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program		<50 kW	2019-05-01	2018-06-14	2018	0.21	1,759.91	0.127	1,066.612

170101-047	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-14	2018	0.34	2,856.67	0.206	1,731.315
170037-008	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-21	2018	0.24	563.52	0.145	341.527
170037-008	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-21	2018	0.22	516.56	0.133	313.067
170037-008	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-21	2018	0.71	1,662.38	0.430	1,007.503
170054-022	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-10-11	2017	0.21	573.39	0.127	347.509
170054-022	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-10-11	2017	0.12	1,007.40	0.073	610.545
170054-036	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-09-28	2017	1.29	3,661.53	0.782	2,219.109
170054-036	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-09-28	2017	0.47	1,337.65	0.285	810.697
170054-036	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-09-28	2017	0.15	425.10	0.091	257.636
170054-042	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-09-25	2017	0.45	1,387.35	0.273	840.818
170054-042	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-09-25	2017	0.88	2,719.21	0.533	1,648.006
170054-042	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-09-25	2017	0.13	388.46	0.079	235.430
170054-042	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-09-25	2017	0.29	906.40	0.176	549.333
170054-042	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-09-25	2017	0.36	1,109.88	0.218	672.655
170054-068	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-11-03	2017	0.68	2,802.96	0.412	1,698.764
170054-068	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-11-03	2017	1.96	8,083.24	1.188	4,898.933
170054-068	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-11-03	2017	0.25	1,042.87	0.152	632.042
170054-068	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-11-03	2017	0.06	263.81	0.036	159.885
170054-068	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2017-11-03	2017	0.30	1,236.60	0.182	749.455
170088-001	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-02-15	2018	0.64	5,610.24	0.388	3,400.145
170088-001	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-02-15	2018	0.05	420.77	0.030	255.012
170088-057	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-04-26	2018	0.53	2,235.55	0.321	1,354.879
170101-006	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-04-24	2018	0.70	6,171.26	0.424	3,740.158
170101-006	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-04-24	2018	0.29	2,524.61	0.176	1,530.067
170101-006	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-04-24	2018	0.04	350.64	0.024	212.509
170101-032	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-25	2018	0.19	380.54	0.115	230.630
170101-046	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-26	2018	0.86	7,345.73	0.521	4,451.958
170101-046	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-26	2018	0.07	586.64	0.042	355.539
170101-048	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-19	2018	0.36	3,060.72	0.218	1,854.982
170101-048	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-19	2018	0.16	1,368.82	0.097	829.588
170101-049	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-21	2018	0.60	2,975.40	0.364	1,803.273
170101-049	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-21	2018	0.02	114.06	0.012	69.127
170101-049	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-21	2018	0.10	476.06	0.061	288.521
170101-049	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-21	2018	0.10	476.06	0.061	288.521
170101-052	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-20	2018	0.41	2,156.53	0.248	1,306.988
170101-055	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-14	2018	0.32	875.20	0.194	530.424
170101-055	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-14	2018	0.19	521.86	0.115	316.279
170101-055	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-14	2018	2.46	6,697.15	1.491	4,058.879
170101-055	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-14	2018	0.03	70.67	0.018	42.830
170101-062	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-25	2018	3.30	10,998.90	2.000	6,666.000
170101-062	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-25	2018	1.14	3,812.95	0.691	2,310.879
170101-063	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-25	2018	1.25	2,391.17	0.758	1,449.194
170101-063	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-06-25	2018	0.49	938.84	0.297	568.994
170101-075	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-07-03	2018	1.64	5,041.76	0.994	3,055.612
170101-075	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-07-03	2018	0.59	1,816.02	0.358	1,100.618
170101-075	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-07-03	2018	0.78	2,403.92	0.473	1,456.921
170101-075	#N/A	Conservation Officer, EnWin	Save on Energy Small Business Lighting Program	<50 kW	2019-05-01	2018-07-03	2018	0.10	295.49	0.061	179.085
PI-600923	Include in 2019	Conservation Officer, EnWin	Save On Energy Process & Systems Upgrades Program	>50 kW	2019-12-01	2017-12-27	2017	108.00	513,000.00	237.036	1,125,921.687

Record Name: RR LDC Application and Facility
Exported On: Jan 22, 2020 12:27 PM
Filter Selections

LDC Application ID

Lead LDC

Program Name

LDC Acct #

Rate Class

IESO Reporting Period

Project Completion Date

Total Incentive (\$)

Total Demand Savings (kW)

Total Energy Savings (kWh)

Payment Status

140708	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/07/2016	\$76,872.70	0.00 kW	768,727 kWh	Paid
154090	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	June 2019	06/20/2018	\$5,765.00	9.80 kW	4,994 kWh	Paid
154626	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/22/2016	\$465.60	1.10 kW	9,312 kWh	Paid
154627	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/15/2016	\$465.60	1.10 kW	9,312 kWh	Paid
154628	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	03/25/2016	\$465.60	1.10 kW	9,312 kWh	Paid
154629	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	03/25/2016	\$465.60	1.10 kW	9,312 kWh	Paid
154630	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/15/2016	\$465.60	1.10 kW	9,312 kWh	Paid
156471	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	11/18/2016	\$40,700.00	0.00 kW	407,000 kWh	Paid
157165	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	07/22/2016	\$9,593.44	0.00 kW	0 kWh	Paid
158733	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	05/25/2016	\$2,415.00	3.02 kW	12,084 kWh	Paid
159575	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/01/2018	\$26,250.00	39.00 kW	341,640 kWh	Paid
160310	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	09/02/2016	\$451.50	0.00 kW	0 kWh	Paid
160328	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	09/09/2016	\$1,168.00	0.00 kW	0 kWh	Paid
160397	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/30/2016	\$5,832.50	30.50 kW	267,399 kWh	Paid
161509	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/08/2017	\$8,184.00	0.00 kW	54,312 kWh	Paid
161608	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	April 2019	06/13/2017	\$22,264.00	0.00 kW	147,752 kWh	Paid
161975	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	September 2019	03/31/2017	\$1,005.00	0.00 kW	6,699 kWh	Paid
162000	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	September 2019	03/31/2017	\$3,608.00	0.00 kW	23,944 kWh	Paid
162010	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	03/31/2017	\$292.00	0.10 kW	2,136 kWh	Paid
162168	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	07/05/2017	\$210.00	0.00 kW	0 kWh	Paid
162181	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	07/05/2017	\$733.40	0.00 kW	0 kWh	Paid
162191	ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	12/31/2018	\$35,453.00	0.00 kW	0 kWh	Paid
162854	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	02/27/2018	\$9,038.74	0.00 kW	68,956 kWh	Paid
162983	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	10/01/2016	\$1,465.56	0.00 kW	0 kWh	Paid
163251	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	08/31/2016	\$12,874.00	32.80 kW	163,145 kWh	Paid
164191	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	07/27/2016	\$3,024.00	0.00 kW	20,160 kWh	Paid
164457	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	07/27/2016	\$1,200.00	3.12 kW	1,753 kWh	Paid
164463	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	08/05/2016	\$360.00	0.00 kW	6,781 kWh	Paid
164466	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	08/26/2016	\$1,888.00	1.14 kW	5,258 kWh	Paid
164982	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	08/26/2016	\$300.00	0.00 kW	5,651 kWh	Paid
164983	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	08/26/2016	\$390.00	0.00 kW	7,346 kWh	Paid
165717	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/29/2017	\$32,645.05	31.30 kW	272,909 kWh	Paid
166103	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/29/2017	\$31,363.00	0.00 kW	0 kWh	Paid
167205	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	01/31/2017	\$440.00	0.00 kW	4,872 kWh	Paid
167291	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	01/31/2017	\$7,880.00	19.70 kW	104,672 kWh	Paid
167293	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	01/31/2017	\$7,880.00	19.70 kW	104,672 kWh	Paid
167441	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	10/02/2017	\$400.00	1.81 kW	6,811 kWh	Paid
167505	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	01/27/2017	\$2,641.77	7.30 kW	36,357 kWh	Paid
167552	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	12/02/2016	\$825.00	0.00 kW	9,240 kWh	Paid
168109	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	12/16/2016	\$13,296.00	11.53 kW	55,134 kWh	Paid
168494	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>5MW	September 2019	02/01/2017	\$1,800.00	0.00 kW	20,160 kWh	Paid
168749	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/21/2017	\$16,440.00	41.10 kW	260,061 kWh	Paid
170161	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	June 2019	08/01/2017	\$9,038.74	21.96 kW	192,356 kWh	Paid
170162	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	June 2019	08/01/2017	\$12,540.80	15.68 kW	113,366 kWh	Paid
170164	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	June 2019	08/01/2017	\$7,029.50	3.25 kW	70,295 kWh	Paid
170276	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/14/2017	\$2,904.00	0.00 kW	0 kWh	Paid
170316	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	02/20/2017	\$9,278.60	0.00 kW	92,786 kWh	Paid
170371	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>5MW	March 2019	04/30/2017	\$3,630.00	0.00 kW	0 kWh	Paid
170484	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	02/27/2017	\$1,545.00	3.96 kW	14,925 kWh	Paid
170501	HYDRO ONE NETWORKS INC.	SAVE ON ENERGY RETROFIT PROGRAM	>50 kW	March 2019	02/09/2017	\$3,610.00	0.00 kW	0 kWh	Paid
170955	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	07/01/2016	\$28,800.00	0.00 kW	0 kWh	Paid
171389	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>5MW	July 2019	12/30/2019	\$39,980.00	83.90 kW	373,453 kWh	Paid
172032	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	02/28/2017	\$265.00	0.34 kW	1,343 kWh	Paid
172167	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	03/30/2017	\$3,969.56	11.40 kW	53,895 kWh	Paid
172275	LONDON HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	03/30/2017	\$237,354.00	0.00 kW	0 kWh	Paid
172369	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	02/17/2017	\$8,250.00	0.00 kW	91,980 kWh	Paid
172926	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/30/2017	\$140.00	0.40 kW	3,483 kWh	Paid
172928	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	05/31/2017	\$100.00	0.28 kW	2,488 kWh	Paid
172929	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/30/2017	\$190.00	0.54 kW	4,727 kWh	Paid
172986	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>5MW	September 2019	12/31/2018	\$15,760.00	9.83 kW	45,149 kWh	Paid
173000	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	07/28/2017	\$44,260.00	0.00 kW	0 kWh	Paid
173171	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	July 2019	08/31/2017	\$5,690.00	14.34 kW	65,464 kWh	Paid
173460	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	03/15/2017	\$145.65	0.00 kW	2,913 kWh	Paid
173497	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/30/2017	\$1,670.00	0.00 kW	0 kWh	Paid
173556	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/30/2017	\$270.00	0.00 kW	0 kWh	Paid
173573	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/30/2017	\$2,240.00	1.52 kW	7,772 kWh	Paid
173574	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/30/2017	\$200.00	0.00 kW	2,335 kWh	Paid
173850	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/28/2017	\$2,083.62	6.12 kW	28,236 kWh	Paid
173896	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	03/31/2017	\$1,988.00	0.00 kW	0 kWh	Paid
174050	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	07/31/2018	\$5,376.80	6.20 kW	53,768 kWh	Paid
174090	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	01/27/2018	\$9,670.00	13.43 kW	73,712 kWh	Paid
174331	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	03/29/2018	\$2,925.00	1.84 kW	8,444 kWh	Paid
174693	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	03/17/2017	\$25,760.00	32.20 kW	62,778 kWh	Paid
174798	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	September 2019	09/03/2018	\$31,280.00	39.10 kW	280,997 kWh	Paid
174835	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	08/23/2017	\$11,348.48	0.00 kW	120,833 kWh	Paid
174836	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	03/29/2018	\$62,011.05	154.27 kW	744,690 kWh	Paid
174866	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	09/05/2017	\$2,371.12	1.29 kW	1,389 kWh	Paid
174898	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/28/2017	\$354.35	0.00 kW	7,087 kWh	Paid
174900	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/28/2017	\$378.00	0.00 kW	7,560 kWh	Paid
175512	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/28/2017	\$2,123.50	5.90 kW	35,595 kWh	Paid
175535	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	April 2019	07/19/2018	\$785.00	1.90 kW	9,036 kWh	Paid
175546	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/20/2018	\$780.00	1.56 kW	7,166 kWh	Paid
175619	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	July 2019	05/18/2017	\$2,880.00	5.76 kW	26,461 kWh	Paid
175659	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/28/2017	\$150.00	0.00 kW	0 kWh	Paid
175673	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	05/29/2017	\$1,280.00	1.60 kW	1,140 kWh	Paid
175758	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	04/26/2017	\$210.25	0.00 kW	4,205 kWh	Paid
175787	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>5MW	March 2019	02/23/2018	\$9,546.00	20.72 kW	95,383 kWh	Paid
175789	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	06/30/2017	\$450.00	0.00 kW	8,476 kWh	Paid
175937	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	06/16/2017	\$770.00	0.00 kW	0 kWh	Paid
176114	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	05/31/2017	\$2,585.00	0.00 kW	0 kWh	Paid
176136	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	08/25/2017	\$8,784.50	0.00 kW	0 kWh	Paid
176311	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	07/07/2017	\$15,534.20	0.00 kW	166,077 kWh	Paid
176339	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	July 2019	07/07/2017	\$378.00	0.80 kW	7,577 kWh	Paid
176361	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	05/31/2016	\$5,376.00	6.72 kW	3,540 kWh	Paid
176437	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	08/04/2017	\$525.00	0.50 kW	5,711 kWh	Paid
176439	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	July 2019	08/31/2017	\$329.28	0.35 kW	314 kWh	Paid
176452	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>50kW	March 2019	07/26/2017	\$350.00	0.00 kW	4,087 kWh	Paid

176540 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	12/05/2017	\$1,183.00	0.00 kW	0 kWh	Paid
176561 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	05/07/2018	\$726.00	1.08 kW	5,153 kWh	Paid
176790 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	April 2019	07/19/2018	\$680.00	1.70 kW	7,879 kWh	Paid
176795 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	05/15/2017	\$1,236.00	0.00 kW	0 kWh	Paid
176798 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	05/10/2017	\$1,089.16	0.00 kW	0 kWh	Paid
176910 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	07/28/2017	\$458.90	0.00 kW	0 kWh	Paid
177098 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	06/15/2017	\$5,680.00	0.00 kW	0 kWh	Paid
177296 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	April 2019	07/19/2018	\$1,323.60	1.98 kW	14,599 kWh	Paid
177299 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	July 2019	07/19/2018	\$1,254.00	3.00 kW	14,110 kWh	Paid
177313 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	06/30/2017	\$2,495.00	0.00 kW	0 kWh	Paid
177322 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/14/2017	\$3,880.00	0.00 kW	0 kWh	Paid
177445 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	05/18/2018	\$1,727.00	0.00 kW	0 kWh	Paid
177491 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	September 2019	10/03/2018	\$1,340.00	2.84 kW	10,857 kWh	Paid
177592 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	12/15/2017	\$4,312.00	10.80 kW	65,992 kWh	Paid
177593 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	01/19/2018	\$6,480.00	16.30 kW	99,187 kWh	Paid
177594 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	07/14/2017	\$1,716.00	4.50 kW	17,654 kWh	Paid
177976 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	01/05/2018	\$3,520.00	8.80 kW	54,021 kWh	Paid
178094 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	July 2019	10/03/2018	\$1,812.00	3.26 kW	18,007 kWh	Paid
178125 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	01/15/2018	\$2,640.00	3.08 kW	26,422 kWh	Paid
178340 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	07/28/2017	\$600.00	0.00 kW	0 kWh	Paid
178490 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/29/2017	\$3,300.00	0.00 kW	0 kWh	Paid
178526 TORONTO HYDRO-ELECTRIC SYSTEM LI	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	12/31/2018	\$1,410.70	0.00 kW	0 kWh	Paid
178630 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/07/2017	\$160.00	0.40 kW	1,762 kWh	Paid
178682 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	08/04/2017	\$2,414.20	0.00 kW	0 kWh	Paid
178720 TORONTO HYDRO-ELECTRIC SYSTEM LI	SAVE ON ENERGY RETROFIT PROGRAM	0	October 2019	12/31/2018	\$11,800.00	29.50 kW	189,356 kWh	Paid
178799 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/02/2017	\$13,080.00	0.00 kW	0 kWh	Paid
178955 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	03/15/2018	\$9,000.00	18.00 kW	82,692 kWh	Paid
179094 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	06/30/2017	\$985.00	0.00 kW	11,340 kWh	Paid
179142 ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	01/22/2018	\$7,854.00	0.00 kW	0 kWh	Paid
179255 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	06/30/2017	\$3,472.50	4.54 kW	10,789 kWh	Paid
179256 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/01/2017	\$600.00	0.00 kW	6,934 kWh	Paid
179264 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	April 2019	03/15/2018	\$1,000.00	0.00 kW	11,461 kWh	Paid
179290 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	08/18/2017	\$1,440.00	3.74 kW	14,104 kWh	Paid
179297 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	07/28/2017	\$650.00	0.41 kW	1,863 kWh	Paid
179302 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	07/06/2017	\$1,340.00	0.00 kW	0 kWh	Paid
179362 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/26/2017	\$3,214.50	0.00 kW	0 kWh	Paid
179480 ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	01/12/2017	\$1,500.00	0.00 kW	0 kWh	Paid
179599 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	07/14/2017	\$770.00	1.15 kW	4,734 kWh	Paid
179735 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/17/2017	\$1,325.00	0.00 kW	14,700 kWh	Paid
179839 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	09/29/2017	\$125.00	0.00 kW	0 kWh	Paid
179852 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/01/2017	\$3,410.00	2.57 kW	11,397 kWh	Paid
179857 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	07/17/2017	\$2,320.00	0.00 kW	0 kWh	Paid
179927 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/04/2017	\$632.75	0.00 kW	0 kWh	Paid
179933 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/01/2017	\$725.00	0.00 kW	8,287 kWh	Paid
179936 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/01/2017	\$3,240.00	8.35 kW	31,462 kWh	Paid
179984 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	08/31/2017	\$2,040.00	0.00 kW	0 kWh	Paid
180226 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	07/25/2017	\$6,000.00	0.00 kW	0 kWh	Paid
180443 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	08/01/2017	\$1,280.00	0.00 kW	0 kWh	Paid
180465 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/29/2017	\$7,590.00	0.00 kW	84,588 kWh	Paid
180717 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	08/01/2017	\$640.00	0.00 kW	0 kWh	Paid
180721 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/08/2017	\$1,320.30	0.00 kW	0 kWh	Paid
180800 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	10/27/2017	\$3,280.00	4.90 kW	34,728 kWh	Paid
180838 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	08/31/2017	\$1,340.00	0.00 kW	0 kWh	Paid
180912 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	12/14/2017	\$39,399.00	20.14 kW	357,181 kWh	Paid
180970 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/04/2017	\$548.80	0.58 kW	524 kWh	Paid
181214 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	01/15/2018	\$805.00	2.11 kW	15,474 kWh	Paid
181710 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/30/2017	\$1,680.00	0.00 kW	19,152 kWh	Paid
181751 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/17/2017	\$8,140.00	0.00 kW	0 kWh	Paid
181901 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	10/26/2017	\$600.00	0.00 kW	0 kWh	Paid
181936 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	September 2019	10/13/2018	\$2,440.00	6.10 kW	14,325 kWh	Paid
182075 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/21/2017	\$6,930.00	0.00 kW	77,112 kWh	Paid
182095 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	04/30/2018	\$7,652.00	19.13 kW	76,320 kWh	Paid
182299 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	10/18/2017	\$2,315.50	0.00 kW	0 kWh	Paid
182326 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	03/13/2018	\$4,840.35	11.00 kW	96,807 kWh	Paid
182528 ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	04/30/2018	\$6,590.00	0.00 kW	0 kWh	Paid
182672 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/07/2017	\$2,080.00	0.00 kW	0 kWh	Paid
182714 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/24/2017	\$480.00	0.28 kW	1,290 kWh	Paid
182717 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/26/2017	\$535.00	0.00 kW	0 kWh	Paid
182718 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	10/13/2017	\$805.00	0.00 kW	0 kWh	Paid
182777 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	04/30/2018	\$20,272.00	25.34 kW	93,470 kWh	Paid
182846 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	01/12/2018	\$3,067.00	0.00 kW	15,335 kWh	Paid
182956 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/21/2017	\$16,898.50	35.70 kW	229,850 kWh	Paid
183017 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	July 2019	05/31/2018	\$535.00	1.42 kW	10,367 kWh	Paid
183155 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	10/13/2017	\$1,980.00	0.00 kW	0 kWh	Paid
183156 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	10/20/2017	\$200.00	0.00 kW	0 kWh	Paid
183158 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/28/2017	\$960.00	0.00 kW	0 kWh	Paid
183270 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/28/2017	\$960.00	0.00 kW	0 kWh	Paid
183363 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/30/2017	\$131.40	0.10 kW	2,628 kWh	Paid
183423 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	12/08/2017	\$7,086.00	4.89 kW	22,451 kWh	Paid
183480 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	10/20/2017	\$371.85	0.00 kW	7,437 kWh	Paid
183696 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	02/11/2018	\$26,166.00	37.38 kW	171,724 kWh	Paid
183886 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	12/08/2017	\$5,846.80	14.50 kW	116,936 kWh	Paid
184041 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/08/2017	\$1,092.00	0.00 kW	0 kWh	Paid
184049 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	10/12/2017	\$733.95	0.00 kW	0 kWh	Paid
184097 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	02/02/2018	\$2,040.00	0.00 kW	99,256 kWh	Paid
184182 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	10/25/2017	\$5,281.60	6.53 kW	42,577 kWh	Paid
184232 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	09/28/2017	\$440.00	0.00 kW	4,872 kWh	Paid
184375 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/14/2017	\$27,755.60	0.00 kW	326,023 kWh	Paid
184381 ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	04/12/2018	\$8,840.40	0.00 kW	0 kWh	Paid
184427 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	July 2019	04/17/2018	\$535.00	1.42 kW	10,367 kWh	Paid
184428 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	April 2019	02/15/2018	\$132,519.75	179.91 kW	1,568,428 kWh	Paid
184470 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/28/2017	\$1,390.00	3.20 kW	12,638 kWh	Paid
184474 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	12/13/2017	\$3,056.00	2.15 kW	9,888 kWh	Paid
184479 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/27/2017	\$3,510.00	4.22 kW	16,790 kWh	Paid
184608 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/10/2017	\$240.00	0.00 kW	4,520 kWh	Paid
184725 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	September 2019	10/22/2018	\$2,371.12	1.39 kW	833 kWh	Paid
184785 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/17/2017	\$3,704.00	4.91 kW	19,191 kWh	Paid
184804 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	10/03/2017	\$800.00	0.00 kW	0 kWh	Paid
184810 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	September 2019	10/22/2018	\$2,072.00	1.70 kW	13,819 kWh	Paid
184828 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	September 2019	12/31/2018	\$1,612.50	0.85 kW	14,700 kWh	Paid
184835 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	September 2019	02/22/2018	\$2,373.90	2.56 kW	16,815 kWh	Paid
184837 ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	04/18/2018	\$984.80	0.65 kW	6,429 kWh	Paid

184861	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	11/24/2017	\$3,481.00	4.97 kW	22,903 kWh	Paid
184866	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	11/30/2017	\$3,652.00	0.00 kW	0 kWh	Paid
184934	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	11/30/2017	\$1,120.00	1.40 kW	717 kWh	Paid
184983	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/16/2018	\$1,550.00	0.00 kW	28,560 kWh	Paid
184986	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/19/2018	\$955.00	0.70 kW	3,199 kWh	Paid
185004	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<1MW	March 2019	11/30/2017	\$37,534.00	0.00 kW	0 kWh	Paid
185100	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	July 2019	11/10/2017	\$700.00	0.44 kW	2,006 kWh	Paid
185117	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	11/23/2017	\$551.60	0.00 kW	0 kWh	Paid
185202	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	12/22/2017	\$20,825.00	29.75 kW	136,672 kWh	Paid
185237	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	11/21/2017	\$765.00	0.47 kW	2,426 kWh	Paid
185524	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	12/20/2017	\$800.00	2.14 kW	15,675 kWh	Paid
185600	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<1MW	March 2019	03/02/2018	\$3,800.00	9.50 kW	33,082 kWh	Paid
185693	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	11/17/2017	\$625.00	0.00 kW	0 kWh	Paid
185694	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/05/2018	\$3,040.00	7.60 kW	23,873 kWh	Paid
185723	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	12/14/2017	\$3,682.00	0.00 kW	0 kWh	Paid
185752	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<1MW	March 2019	06/29/2018	\$8,265.00	21.10 kW	71,457 kWh	Paid
185783	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<5MW	March 2019	03/30/2018	\$8,655.00	0.00 kW	0 kWh	Paid
185785	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	12/21/2017	\$8,000.00	10.00 kW	3,528 kWh	Paid
185813	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<1MW	March 2019	05/25/2018	\$8,265.00	21.10 kW	71,457 kWh	Paid
185823	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<5MW	March 2019	11/30/2017	\$1,070.00	0.00 kW	0 kWh	Paid
185833	HYDRO ONE NETWORKS INC.	SAVE ON ENERGY RETROFIT PROGRAM	N/A	March 2019	12/31/2018	\$4,250.00	0.00 kW	0 kWh	Paid
185852	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/26/2018	\$16,258.00	43.70 kW	380,226 kWh	Paid
186031	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/02/2018	\$6,440.00	8.06 kW	32,228 kWh	Paid
186114	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	11/22/2017	\$840.00	1.20 kW	5,513 kWh	Paid
186131	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	11/24/2017	\$3,040.00	3.80 kW	2,111 kWh	Paid
186143	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/06/2018	\$3,205.00	8.00 kW	23,905 kWh	Paid
186153	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	04/16/2018	\$31,280.00	83.20 kW	251,597 kWh	Paid
186171	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	12/06/2017	\$880.00	0.00 kW	0 kWh	Paid
186208	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/27/2018	\$26,525.93	0.00 kW	265,259 kWh	Paid
186254	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	11/24/2017	\$1,865.00	0.00 kW	20,857 kWh	Paid
186456	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/03/2018	\$2,500.00	3.06 kW	12,055 kWh	Paid
186505	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	12/06/2017	\$560.00	0.00 kW	0 kWh	Paid
186521	ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	01/19/2018	\$18,000.00	0.00 kW	0 kWh	Paid
186562	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	12/12/2017	\$960.00	1.20 kW	785 kWh	Paid
186597	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/02/2018	\$500.00	2.20 kW	8,604 kWh	Paid
186613	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/05/2018	\$453.35	0.00 kW	9,067 kWh	Paid
186658	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	September 2019	02/22/2018	\$6,250.00	17.50 kW	80,395 kWh	Paid
186720	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/09/2018	\$20,160.00	0.00 kW	0 kWh	Paid
186801	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/29/2018	\$3,651.55	8.67 kW	50,990 kWh	Paid
186831	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/12/2018	\$954.00	4.68 kW	18,303 kWh	Paid
186832	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	12/18/2017	\$4,330.00	0.00 kW	15,784 kWh	Paid
186833	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	12/08/2017	\$1,430.00	0.00 kW	15,834 kWh	Paid
186835	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/12/2018	\$1,675.00	0.00 kW	18,850 kWh	Paid
186845	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/01/2018	\$1,406.25	3.20 kW	29,083 kWh	Paid
186895	ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	01/16/2018	\$5,907.00	0.00 kW	0 kWh	Paid
186929	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/15/2018	\$30,764.00	0.00 kW	0 kWh	Paid
186997	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/04/2018	\$1,000.00	2.84 kW	24,878 kWh	Paid
187350	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	11/29/2017	\$2,125.00	0.00 kW	12,516 kWh	Paid
187386	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	09/10/2018	\$13,680.00	29.75 kW	175,922 kWh	Paid
187391	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	12/22/2017	\$640.00	0.80 kW	271 kWh	Paid
187402	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	11/15/2017	\$400.00	0.00 kW	0 kWh	Paid
187440	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/15/2018	\$690.00	0.00 kW	7,791 kWh	Paid
187446	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/02/2018	\$720.00	0.90 kW	586 kWh	Paid
187451	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/23/2018	\$440.00	4.872 kW	4,872 kWh	Paid
187469	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<5MW	March 2019	01/25/2018	\$535.00	1.42 kW	10,367 kWh	Paid
187506	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	12/15/2017	\$245.00	0.00 kW	0 kWh	Paid
187523	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/31/2018	\$330.00	1.44 kW	10,289 kWh	Paid
187523	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/10/2018	\$2,402.00	0.00 kW	0 kWh	Paid
187608	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/16/2018	\$975.00	0.00 kW	10,991 kWh	Paid
187659	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/05/2018	\$1,440.00	3.60 kW	21,187 kWh	Paid
187706	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/19/2018	\$10,160.00	21.80 kW	122,768 kWh	Paid
187849	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/01/2018	\$5,286.40	49.162 kW	49,162 kWh	Paid
187862	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	03/16/2018	\$3,980.00	5.04 kW	20,142 kWh	Paid
187867	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/30/2018	\$19,868.80	24.84 kW	154,977 kWh	Paid
187930	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	05/16/2018	\$2,360.00	5.90 kW	22,214 kWh	Paid
187957	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/12/2018	\$4,391.45	9.90 kW	46,493 kWh	Paid
188073	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/06/2018	\$1,850.00	0.00 kW	10,361 kWh	Paid
188141	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	July 2019	08/07/2018	\$1,225.00	0.00 kW	13,767 kWh	Paid
188144	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	05/15/2018	\$5,190.00	11.60 kW	44,156 kWh	Paid
188152	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/23/2018	\$26,392.80	32.39 kW	107,949 kWh	Paid
188183	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/20/2018	\$525.00	0.00 kW	5,880 kWh	Paid
188207	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/30/2018	\$3,985.00	8.90 kW	40,566 kWh	Paid
188295	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/26/2018	\$323.00	0.48 kW	1,892 kWh	Paid
188330	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<5MW	July 2019	12/31/2019	\$11,130.00	30.41 kW	222,936 kWh	Paid
188425	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/09/2018	\$282.60	0.20 kW	5,652 kWh	Paid
188426	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/23/2018	\$469.35	9.387 kW	9,387 kWh	Paid
188481	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<5MW	March 2019	01/31/2018	\$265.00	0.00 kW	0 kWh	Paid
188550	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	05/04/2018	\$1,200.00	3.12 kW	11,753 kWh	Paid
188573	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/27/2018	\$2,444.50	0.00 kW	48,890 kWh	Paid
188647	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<5MW	March 2019	04/19/2018	\$2,565.00	6.87 kW	50,340 kWh	Paid
188812	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	01/24/2018	\$1,122.26	0.77 kW	463 kWh	Paid
188824	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/14/2018	\$2,563.54	4.22 kW	30,948 kWh	Paid
189001	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	July 2019	06/29/2018	\$360.00	0.90 kW	2,530 kWh	Paid
189019	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<5MW	March 2019	03/28/2018	\$11,840.00	14.80 kW	64,646 kWh	Paid
189029	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/09/2018	\$1,200.00	3.00 kW	12,936 kWh	Paid
189030	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/09/2018	\$2,720.00	6.80 kW	22,666 kWh	Paid
189056	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/27/2018	\$4,750.00	4.52 kW	20,209 kWh	Paid
189136	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	July 2019	02/28/2018	\$4,180.00	10.75 kW	40,510 kWh	Paid
189154	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	09/30/2018	\$3,348.02	7.69 kW	66,960 kWh	Paid
189195	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	03/03/2018	\$2,040.00	5.10 kW	18,628 kWh	Paid
189198	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/28/2018	\$5,960.00	11.60 kW	51,196 kWh	Paid
189207	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/23/2018	\$3,640.00	9.10 kW	34,165 kWh	Paid
189216	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/20/2018	\$480.00	1.20 kW	6,950 kWh	Paid
189219	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/15/2018	\$5,206.75	12.11 kW	105,696 kWh	Paid
189243	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<5MW	March 2019	04/30/2018	\$1,248.00	0.00 kW	0 kWh	Paid
189273	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/09/2018	\$760.00	1.52 kW	6,983 kWh	Paid
189352	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	10/26/2018	\$2,360.00	6.99 kW	27,571 kWh	Paid
189352	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/02/2018	\$420.00	0.00 kW	0 kWh	Paid
189414	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/26/2018	\$1,760.00	4.40 kW	17,066 kWh	Paid
189699	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	05/25/2018	\$1,070.00	2.83 kW	20,734 kWh	Paid
189797	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	02/28/2018	\$425.00	0.00 kW	4,784 kWh	Paid
189925	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<50KW	March 2019	05/04/2018	\$1,600.00	4.00 kW	16,651 kWh	Paid

189986	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	04/14/2018	\$2,020.00	2.01 kW	8,689 kWh	Paid
189994	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	03/23/2018	\$1,425.00	1.23 kW	4,809 kWh	Paid
190203	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	03/30/2018	\$3,080.00	7.70 kW	26,463 kWh	Paid
190249	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	04/05/2018	\$493.20	0.56 kW	2,642 kWh	Paid
190250	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	04/05/2018	\$270.00	0.00 kW	3,020 kWh	Paid
190298	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	04/27/2018	\$63,977.40	163.77 kW	830,561 kWh	Paid
190444	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	05/25/2018	\$2,852.00	5.67 kW	24,199 kWh	Paid
190474	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	03/16/2018	\$700.00	0.44 kW	2,007 kWh	Paid
190492	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	04/30/2018	\$500.00	1.00 kW	4,594 kWh	Paid
190521	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	July 2019	03/09/2018	\$3,033.80	6.93 kW	60,676 kWh	Paid
190608	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	08/24/2018	\$1,092.00	0.00 kW	15,179 kWh	Paid
190895	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	03/13/2018	\$640.00	0.80 kW	384 kWh	Paid
191004	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	04/20/2018	\$45,020.00	108.80 kW	345,780 kWh	Paid
191403	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	03/30/2018	\$1,280.00	0.83 kW	3,823 kWh	Paid
191462	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	04/27/2018	\$7,297.08	18.33 kW	72,971 kWh	Paid
191476	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	08/07/2018	\$1,080.00	0.00 kW	12,054 kWh	Paid
191477	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	08/08/2018	\$570.00	0.49 kW	1,924 kWh	Paid
191810	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	03/30/2018	\$795.00	0.00 kW	8,841 kWh	Paid
192025	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	04/06/2018	\$300.00	0.00 kW	3,503 kWh	Paid
192187	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	04/13/2018	\$2,380.00	3.40 kW	15,620 kWh	Paid
192192	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	11/08/2018	\$2,346.00	4.98 kW	21,742 kWh	Paid
192583	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	05/22/2018	\$704.00	0.51 kW	2,352 kWh	Paid
192651	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	05/08/2018	\$1,715.00	1.24 kW	5,685 kWh	Paid
192698	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	07/20/2018	\$520.00	1.30 kW	4,618 kWh	Paid
192738	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	06/12/2018	\$6,748.00	0.00 kW	0 kWh	Paid
192772	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	06/12/2018	\$1,516.55	3.60 kW	30,211 kWh	Paid
192800	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	05/30/2018	\$2,480.00	15.40 kW	61,012 kWh	Paid
192853	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	Res	March 2019	04/27/2018	\$400.00	0.00 kW	4,670 kWh	Paid
193024	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	04/25/2018	\$1,650.00	0.00 kW	0 kWh	Paid
193072	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	October 2019	01/23/2019	\$31,995.26	42.93 kW	377,915 kWh	Paid
193134	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	July 2019	10/13/2018	\$2,148.00	5.60 kW	41,054 kWh	Paid
193142	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	07/27/2018	\$7,410.00	17.89 kW	93,527 kWh	Paid
193143	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	07/02/2018	\$2,750.00	0.00 kW	30,660 kWh	Paid
193144	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	11/13/2018	\$2,925.00	0.00 kW	0 kWh	Paid
193146	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/13/2018	\$7,045.00	0.00 kW	0 kWh	Paid
193284	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	06/28/2018	\$270.00	0.00 kW	3,020 kWh	Paid
193305	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	05/20/2018	\$1,545.00	0.00 kW	17,396 kWh	Paid
193338	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	05/14/2018	\$120.00	0.00 kW	2,205 kWh	Paid
193369	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	12/28/2018	\$320.00	0.00 kW	0 kWh	Paid
193402	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	05/25/2018	\$971.45	2.20 kW	19,018 kWh	Paid
193540	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	05/30/2018	\$1,220.00	0.86 kW	3,960 kWh	Paid
193670	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	September 2019	08/12/2019	\$5,261.17	13.18 kW	114,789 kWh	Paid
193711	TORONTO HYDRO-ELECTRIC SYSTEM LI	SAVE ON ENERGY RETROFIT PROGRAM	0	September 2019	07/23/2018	\$13,275.00	26.92 kW	123,493 kWh	Paid
193893	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	06/29/2018	\$192.00	0.12 kW	535 kWh	Paid
193913	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	07/16/2018	\$960.00	1.20 kW	884 kWh	Paid
193950	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	07/04/2018	\$1,935.53	5.40 kW	19,790 kWh	Paid
194027	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	April 2019	10/22/2018	\$31,146.40	39.74 kW	326,725 kWh	Paid
194137	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	06/20/2018	\$1,565.65	1.78 kW	17,099 kWh	Paid
194172	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	06/12/2018	\$520.00	0.30 kW	1,397 kWh	Paid
194266	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	Res	March 2019	06/15/2018	\$500.00	1.00 kW	4,594 kWh	Paid
194270	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	06/29/2018	\$1,585.00	0.00 kW	0 kWh	Paid
194408	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	06/01/2018	\$3,090.00	4.62 kW	17,105 kWh	Paid
194490	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/30/2018	\$12,100.00	31.10 kW	189,450 kWh	Paid
194533	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	April 2019	07/13/2018	\$584.84	0.00 kW	5,848 kWh	Paid
194563	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	10/18/2018	\$1,052.00	0.00 kW	0 kWh	Paid
194565	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	11/23/2018	\$1,052.00	0.00 kW	0 kWh	Paid
194617	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	06/22/2018	\$1,769.00	0.00 kW	0 kWh	Paid
194666	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	July 2019	09/30/2018	\$1,000.00	2.00 kW	9,188 kWh	Paid
194677	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	09/06/2018	\$2,618.00	3.74 kW	17,182 kWh	Paid
194888	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	06/29/2018	\$1,520.00	0.00 kW	0 kWh	Paid
194891	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	06/29/2018	\$1,638.00	0.00 kW	0 kWh	Paid
194908	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	09/01/2018	\$4,200.00	2.62 kW	12,040 kWh	Paid
195022	TORONTO HYDRO-ELECTRIC SYSTEM LI	SAVE ON ENERGY RETROFIT PROGRAM	0	July 2019	10/26/2018	\$21,932.00	55.27 kW	208,503 kWh	Paid
195113	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	April 2019	03/02/2019	\$18,901.50	45.73 kW	366,431 kWh	Paid
195122	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	July 2019	07/20/2018	\$458.50	3.80 kW	19,770 kWh	Paid
195310	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	08/24/2018	\$2,050.00	1.26 kW	5,769 kWh	Paid
195383	TORONTO HYDRO-ELECTRIC SYSTEM LI	SAVE ON ENERGY RETROFIT PROGRAM	0	November 2019	07/24/2018	\$809.05	0.00 kW	10,807 kWh	Paid
195399	TORONTO HYDRO-ELECTRIC SYSTEM LI	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	08/31/2018	\$2,229.42	0.00 kW	0 kWh	Paid
195417	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	10/18/2018	\$640.00	0.80 kW	268 kWh	Paid
195993	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	July 2019	05/22/2019	\$20,050.00	40.38 kW	155,071 kWh	Paid
196052	TORONTO HYDRO-ELECTRIC SYSTEM LI	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	08/01/2018	\$1,122.26	0.00 kW	0 kWh	Paid
196098	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	07/18/2018	\$565.25	0.40 kW	11,305 kWh	Paid
196160	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/26/2018	\$6,335.00	0.00 kW	70,728 kWh	Paid
196826	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	October 2019	11/14/2018	\$1,960.90	2.73 kW	1,635 kWh	Paid
198198	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	October 2019	05/06/2019	\$21,949.10	51.40 kW	438,982 kWh	Paid
198457	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	October 2019	05/07/2018	\$360.00	0.90 kW	3,434 kWh	Paid
198651	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	11/29/2018	\$1,539.00	1.36 kW	6,093 kWh	Paid
198689	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	10/24/2018	\$472.75	1.74 kW	6,816 kWh	Paid
198955	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	11/16/2018	\$1,470.00	16.296 kWh		Paid
199238	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	11/12/2018	\$100.00	0.00 kW	1,168 kWh	Paid
199347	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/14/2018	\$4,324.00	0.00 kW	0 kWh	Paid
199347	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	March 2019	11/14/2018	\$675.00	6.47 kW	33,909 kWh	Paid
199402	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	September 2019	07/25/2019	\$1,931.00	4.36 kW	17,223 kWh	Paid
199404	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	September 2019	07/23/2019	\$1,414.60	7.56 kW	29,618 kWh	Paid
199407	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/14/2018	\$600.00	7.85 kW	38,232 kWh	Paid
199407	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	>\$0KW	March 2019	11/14/2018	\$4,020.00	0.00 kW	0 kWh	Paid
199419	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	<\$0KW	July 2019	05/22/2018	\$55,668.00	101.51 kW	402,664 kWh	Paid
199950	ENWIN UTILITIES LTD.	SAVE ON ENERGY RETROFIT PROGRAM	0	March 2019	11/09/2018	\$640.00	0.42 kW	1,911 kWh	Paid
201469	TORONTO HYDRO-ELECTRIC SYSTEM LI	SAVE ON ENERGY RETROFIT PROGRAM	BN/A	April 2019	12/31/2019	\$893.12	0.73 kW	8,931 kWh	Paid
205276	ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFIT PROGRAM	BN/A	October 2019	05/30/2019	\$1,125.00	0.00 kW	12,700 kWh	Paid

[illegible]

[illegible]

IESO Reporting Period	Program Name	LDC Acct #	Rate Class	LDC Application ID	Application Phase ID	Measure ID
2019-04-01	SAVE ON ENERGY PROCESS & SYSTEMS UPGRADES PROGRAM	N/A	PI-601135	Advance Pymt. # 4	NA	
2019-04-01	SAVE ON ENERGY AUDIT FUNDING PROGRAM	N/A	EN-EA-2018-002		NA	
2019-05-01	SAVE ON ENERGY PROCESS & SYSTEMS UPGRADES PROGRAM	N/A	Enwin-DS-601700	Pymt. 1 & 2	Detailed Engineering Study	
2019-05-01	SAVE ON ENERGY PROCESS & SYSTEMS UPGRADES PROGRAM	N/A	Enwin-DS-601701	Pymt. 1 & 2	Detailed Engineering Study	
2019-05-01	SAVE ON ENERGY PROCESS & SYSTEMS UPGRADES PROGRAM	N/A	Enwin-DS-601702	Pymt. 1 & 2	Detailed Engineering Study	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-047		sbl_03	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-047		sbl_13	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170037-008		sbl_13	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170037-008		sbl_19	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170037-008		sbl_38	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-022		sbl_03	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-022		sbl_03	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-036		sbl_18	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-036		sbl_10	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-036		sbl_12	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-042		sbl_12	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-042		sbl_21	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-042		sbl_18	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-042		sbl_36	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-042		sbl_07	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-068		sbl_07	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-068		sbl_21	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-068		sbl_03	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-068		sbl_05	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170054-068		sbl_12	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170088-001		sbl_07	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170088-001		sbl_13	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170088-057		sbl_03	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-006		sbl_13	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-006		sbl_05	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-006		sbl_07	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-032		sbl_13	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-046		sbl_13	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-046		sbl_03	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-048		sbl_07	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-048		sbl_03	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-049		sbl_07	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-049		sbl_03	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-049		sbl_13	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-049		sbl_05	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-052		sbl_03	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-055		sbl_03	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-055		sbl_13	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-055		sbl_11	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-055		sbl_01	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-062		sbl_19	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-062		sbl_13	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-063		sbl_13	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-063		sbl_19	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-075		sbl_36	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-075		sbl_22	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-075		sbl_11	
2019-05-01	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	<50kW	170101-075		sbl_13	
2019-06-01	SAVE ON ENERGY PROCESS & SYSTEMS UPGRADES PROGRAM	N/A	PI-601673	Advance Pymt #2	PSUI-Project Incentive	
2019-06-01	SAVE ON ENERGY PROCESS & SYSTEMS UPGRADES PROGRAM	N/A	Enwin-DS-601712	Pymt #1 & #2	PSUI - Detailed Engineering Study	
2019-06-01	SAVE ON ENERGY PROCESS & SYSTEMS UPGRADES PROGRAM	N/A	Enwin-DS-601718	Pymt #1 & #2	PSUI - Detailed Engineering Study	
2019-10-01	SAVE ON ENERGY ENERGY MANAGER PROGRAM	N/A	EM-0251-YR2	Final Payment	Energy Manager	
2019-12-01	SAVE ON ENERGY ENERGY MANAGER PROGRAM	N/A	EM-0210-YR3	Final Payment	Energy Manager	
2019-12-01	SAVE ON ENERGY PROCESS & SYSTEMS UPGRADES PROGRAM		PI-600923	Pymt #1	PSUI-Project Incentive (Small Capital)	

Measure Name	Measure Description	Measure Type	Measure End Use	Project Track	Quantity	Incremental Equipment Cost (\$)	Gross Energy Savings (kWh)	Gross Demand Savings (kW)	EUL	Variable Program Cost (\$)	Replacement Type	Base Measure Demand (kW)
CHP				Custom	1		0	0	20			
Electricity Survey and Analysis				Prescriptive	1		0	0				
Process and Systems Upgrade				Custom	1	0	0					
Process and Systems Upgrade				Custom	1	0	0					
Process and Systems Upgrade				Custom	1	0	0					
2LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		B1	Lighting Interior General	Prescriptive	9	0	1759.91	0	5.9			1
ENERGY STAR® Qualified LED A Shape ≤ 12W Minimum 800 Lumen Output		F1	Lighting Interior General	Prescriptive	7	0	2856.67	0	2.9			1
ENERGY STAR® Qualified LED A Shape ≤ 12W Minimum 800 Lumen Output		F1	Lighting Interior General	Prescriptive	5	0	563.52	0	11			1
ENERGY STAR® Qualified LED Decorative Bulb E12 Candelabra Base ≤ 5W Minimum 250 Lumen Output		F1	Lighting Interior General	Prescriptive	4	0	516.56	0	11			1
ENERGY STAR® Qualified LED BR40 ≤ 16W Minimum 800 Lumen Output		E2	Lighting Interior General	Prescriptive	12	0	1662.38	1	11			1
2LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		B1	Lighting Interior General	Prescriptive	9	0	573.39	0	18			1
2LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		B1	Lighting Interior General	Prescriptive	5	0	1007.4	0	5.7			1
ENERGY STAR® Qualified LED PAR 20 ≤ 12W Minimum 600 Lumen Output		E1	Lighting Interior General	Prescriptive	34	0	3661.53	1	8.8			1
ENERGY STAR® Qualified LED PAR 38 ≤ 16W Minimum 800 Lumen Output		E2	Lighting Interior General	Prescriptive	8	0	1337.65	0	8.8			1
ENERGY STAR® Qualified LED A Shape ≤ 10W Minimum 600 Lumen Output		F1	Lighting Interior General	Prescriptive	3	0	425.1	0	8.8			1
ENERGY STAR® Qualified LED A Shape ≤ 10W Minimum 600 Lumen Output		F1	Lighting Interior General	Prescriptive	9	0	1387.35	0	8.1			1
ENERGY STAR® Qualified LED PAR 30 ≤ 12W Minimum 600 Lumen Output		E2	Lighting Interior General	Prescriptive	14	0	2719.21	1	8.1			1
ENERGY STAR® Qualified LED PAR 20 ≤ 12W Minimum 600 Lumen Output		L1	Lighting Interior General	Prescriptive	2	0	388.46	0	8.1			1
ENERGY STAR® Qualified LED MR 16 pin or screw base ≤ 8W Minimum 400 Lumen Output		E1	Lighting Interior General	Prescriptive	7	0	906.4	0	8.1			1
4LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		D1	Lighting Interior General	Prescriptive	9	0	1109.88	0	16			1
4LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		D1	Lighting Interior General	Prescriptive	17	0	2802.96	1	12			1
ENERGY STAR® Qualified LED PAR 30 ≤ 12W Minimum 600 Lumen Output		L1	Lighting Interior General	Prescriptive	37	0	8083.24	2	6.1			1
2LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		B1	Lighting Interior General	Prescriptive	11	0	1042.87	0	12			1
3LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		C1	Lighting Interior General	Prescriptive	2	0	263.81	0	12			1
ENERGY STAR® Qualified LED A Shape ≤ 10W Minimum 600 Lumen Output		F1	Lighting Interior General	Prescriptive	6	0	1236.6	0	6.1			1
4LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		D1	Lighting Interior General	Prescriptive	16	0	5610.24	1	5.7			1
ENERGY STAR® Qualified LED A Shape ≤ 12W Minimum 800 Lumen Output		F1	Lighting Interior General	Prescriptive	1	0	420.77	0	2.9			1
2LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		B1	Lighting Interior General	Prescriptive	23	0	2235.55	1	12			1
ENERGY STAR® Qualified LED A Shape ≤ 12W Minimum 800 Lumen Output		E3	Lighting Interior General	Prescriptive	8	0	6171.26	1	2.9			1
3LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		C1	Lighting Interior General	Prescriptive	9	0	2524.61	0	5.7			1
4LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		D1	Lighting Interior General	Prescriptive	1	0	350.64	0	5.7			1
ENERGY STAR® Qualified LED A Shape ≤ 12W Minimum 800 Lumen Output		F1	Lighting Interior General	Prescriptive	4	0	380.54	0	13			1
ENERGY STAR® Qualified LED A Shape ≤ 12W Minimum 800 Lumen Output		F1	Lighting Interior General	Prescriptive	18	0	7345.73	1	2.9			1
2LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		B1	Lighting Interior General	Prescriptive	3	0	586.64	0	5.9			1
4LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		D1	Lighting Interior General	Prescriptive	9	0	3060.72	0	5.9			1
2LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		B1	Lighting Interior General	Prescriptive	7	0	1368.82	0	5.9			1
4LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		D1	Lighting Interior General	Prescriptive	15	0	2975.4	1	10			1
2LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		B1	Lighting Interior General	Prescriptive	1	0	114.06	0	10			1
ENERGY STAR® Qualified LED A Shape ≤ 12W Minimum 800 Lumen Output		F1	Lighting Interior General	Prescriptive	2	0	476.06	0	5			1
3LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		C1	Lighting Interior General	Prescriptive	3	0	476.06	0	10			1
2LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		B1	Lighting Interior General	Prescriptive	18	0	2156.53	0	9.6			1
2LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		B1	Lighting Interior General	Prescriptive	14	0	875.2	0	18			1
ENERGY STAR® Qualified LED A Shape ≤ 12W Minimum 800 Lumen Output		F1	Lighting Interior General	Prescriptive	4	0	521.86	0	9.2			1
ENERGY STAR® Qualified LED PAR 38 ≤ 19W Minimum 1100 Lumen Output		E2	Lighting Interior General	Prescriptive	44	0	6697.15	2	9.2			1
1LP LED Tube Re-Lamp ≤15W Minimum 1500 Lumen Output Per Lamp		A1	Lighting Interior General	Prescriptive	2	0	70.67	0	18			1
ENERGY STAR® Qualified LED Decorative Bulb E12 Candelabra Base ≤ 5W Minimum 250 Lumen Output		F1	Lighting Interior General	Prescriptive	60	0	10998.9	3	7.5			1
ENERGY STAR® Qualified LED A Shape ≤ 12W Minimum 800 Lumen Output		E3	Lighting Interior General	Prescriptive	13	0	3812.95	1	7.5			1
ENERGY STAR® Qualified LED A Shape ≤ 12W Minimum 800 Lumen Output		F1	Lighting Interior General	Prescriptive	26	0	2391.17	1	13			1
ENERGY STAR® Qualified LED Decorative Bulb E12 Candelabra Base ≤ 5W Minimum 250 Lumen Output		F1	Lighting Interior General	Prescriptive	14	0	938.84	0	13			1
ENERGY STAR® Qualified LED MR 16 pin or screw base ≤ 8W Minimum 400 Lumen Output		E1	Lighting Interior General	Prescriptive	39	0	5041.76	2	8.1			1
ENERGY STAR® Qualified LED PAR 30 ≤ 16W Minimum 800 Lumen Output		L1	Lighting Interior General	Prescriptive	10	0	1816.02	1	8.1			1
ENERGY STAR® Qualified LED PAR 38 ≤ 19W Minimum 1100 Lumen Output		E3	Lighting Interior General	Prescriptive	11	0	2403.92	1	8.1			1
ENERGY STAR® Qualified LED A Shape ≤ 12W Minimum 800 Lumen Output		F1	Lighting Interior General	Prescriptive	2	0	295.49	0	8.1			1
Process ans Systems Upgrades				Custom	1	0	0	20				
Process ans Systems Upgrades				Custom	1	0	0					
Process ans Systems Upgrades				Custom	1	0	0					
Energy Manager				Energy Manager	1	0	0					
Energy Manager				Energy Manager	1	0	0					
Process ans Systems Upgrades				Custom	1		513000	108				

Total Base Measure Demand (kW)	Total Efficient Measure Demand (kW)	Total Base Measure Annual Energy Consumption (kWh)	Total Efficient Measure Annual Energy Usage (kWh)	Per Unit Energy Savings (kW/Mmeasure)	Actual Base Case Consumption (kWh)	Actual Energy Efficient Case Consumption (kWh)	Actual Base Case Demand (kW)	Actual Energy Efficient Case Demand (kW)	Post Incentive Metric (kW or kWh)	Actual Installation Cost (\$)	Comments	Project Completion Date
										11118914.07	Advance Pymt #4	2018-09-01
				18300		Pymt. 1 & 2				14799.5		2018-12-17
				18300		Pymt. 1 & 2						2019-03-26
				18300		Pymt. 1 & 2						2018-11-21
												2019-03-26
												2018-06-14
												2018-06-14
												2018-06-21
												2018-06-21
												2017-10-11
												2017-10-11
												2017-09-28
												2017-09-28
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												2017-11-03
												2018-02-15
												2018-02-15
												2018-04-26
												2018-04-24
												2018-04-24
												2018-04-24
												2018-06-25
												2018-06-26
												2018-06-26
												2018-06-19
												2018-06-19
												2018-06-21
												2018-06-21
												2018-06-21
												2018-06-20
												2018-06-14
												2018-06-14
												2018-06-14
												2018-06-14
												2018-06-25
												2018-06-25
												2018-06-25
												2018-06-25
												2018-07-03
												2018-07-03
												2018-07-03
				31106000	29550000	Advance Payment #2						2020-12-31
				37000		Pymt #1 & #2						2019-04-19
				37000		Pymt #1 & #2						2019-03-08
						Year 2 - True-up Payment						2017-12-31
				0		Year 3- Pymt 2 (Final)						2018-12-31
				1873064.61		Pymt #1						2017-12-27

Programs	2015		2016	
	Combined Net-to-Gross Adjustment & Realization Rates - Energy (2017 Verified 2015 Adjustments)	Combined Net-to-Gross Adjustment & Realization Rates - Demand (2017 Verified 2015 Adjustments)	Combined Net-to-Gross Adjustment & Realization Rates - Energy (2017 Verified 2016 Adjustments)	Combined Net-to-Gross Adjustment & Realization Rates - Demand (2017 Verified 2016 Adjustments)
Save on Energy Coupon Program			2.633019515	2.647058824
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			0.686211037	0.666666667
Save on Energy Retrofit Program			0.677184237	0.590953786
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			0.8355	
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			0.194403797	0.524590164
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				

Project Completion										Project Completion									
Date										Date									
YYYY/MM/DD										YYYY/MM/DD									
Total_Costs_of_Project										Total_Costs_of_Project									
Incremental_Equip										Incremental_Equip									
Gross_Energy_Savings										Gross_Energy_Savings									
Gross_Demand_s										Gross_Demand_s									
Project_Total_Increase										Project_Total_Increase									
Amount (per measure)										Amount (per measure)									

2018-01-01	\$	1,140.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01622	Y1	Enwin Utilities Ltd.	Power Bar With Integrated Timer	Prescriptive	HAP2016_02	Plug Load	8	10	1			2017-12-31	\$	1,140.00	45,000.00	-	-	\$	45.00	
2018-01-01	\$	1,095.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01626	Y1	Enwin Utilities Ltd.	Power Bar With Integrated Timer	Prescriptive	HAP2016_02	Plug Load	8	10	1			2017-12-31	\$	1,095.00	45,000.00	-	-	\$	45.00	
2018-01-01	\$	1,095.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01623	Y1	Enwin Utilities Ltd.	Power Bar With Integrated Timer	Prescriptive	HAP2016_02	Plug Load	8	10	1			2017-12-31	\$	1,095.00	45,000.00	-	-	\$	45.00	
2018-01-01	\$	1,100.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01630	Y1	Enwin Utilities Ltd.	Power Bar With Integrated Timer	Prescriptive	HAP2016_02	Plug Load	8	10	1			2017-12-31	\$	1,100.00	45,000.00	-	-	\$	45.00	
2018-01-01	\$	1,155.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	HAP2016_02_02	Y1	Enwin Utilities Ltd.	Power Bar With Integrated Timer	Prescriptive	HAP2016_02	Plug Load	8	10	1			2017-12-31	\$	1,155.00	45,000.00	-	-	\$	45.00	
2018-01-01	\$	1,120.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01639	Y1	Enwin Utilities Ltd.	Power Bar With Integrated Timer	Prescriptive	HAP2016_02	Plug Load	8	10	1			2017-12-31	\$	1,120.00	45,000.00	-	-	\$	45.00	
2018-01-01	\$	1,095.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01642	Y1	Enwin Utilities Ltd.	Power Bar With Integrated Timer	Prescriptive	HAP2016_02	Plug Load	8	10	1			2017-12-31	\$	1,095.00	45,000.00	-	-	\$	45.00	
2018-01-01	\$	1,115.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01645	Y1	Enwin Utilities Ltd.	Power Bar With Integrated Timer	Prescriptive	HAP2016_02	Plug Load	8	10	1			2017-12-31	\$	1,115.00	45,000.00	-	-	\$	45.00	
2018-01-01	\$	1,092.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	HAP2016_02_02	Y1	Enwin Utilities Ltd.	Power Bar With Integrated Timer	Prescriptive	HAP2016_02	Plug Load	8	10	1			2017-12-31	\$	1,092.00	45,000.00	-	-	\$	45.00	
2018-01-01	\$	1,122.00	2018	0.04	200.49	0.945	0.443	128.91	Enwin Utilities Ltd.	Small_Business_Lighting	Full Cost Recovery	17088-027	<50W	Enwin Utilities Ltd.	ENERGY STAR® Qualified LED PAR 36 x 150W Minimum 800 Lumen Output	Prescriptive	aj01	Lighting Interior General	E3				2018-01-08	\$	512.00		306.77	0.08	\$	25.00	
2018-01-01	\$	1,236.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	1026168	N/A	Enwin Utilities Ltd.	Commercial Lighting	Engineered	B002							2017-07-05	\$	537.70				\$	40.00	
2018-01-01	\$	1,236.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	17088-026	<50W	Enwin Utilities Ltd.	20 LED Tube Re-Lamp 15W Minimum 1500 Lumen Output Per Lamp	Prescriptive	aj01_33	Lighting Interior General	E1				2018-09-15	\$	1,236.00		3,839.74	0.44	\$	760.00		
2018-01-01	\$	1,236.00	2018	0.44	1,442.73	0.043	0.076	Enwin Utilities Ltd.	Small_Business_Lighting	Full Cost Recovery	17088-018	<50W	Enwin Utilities Ltd.	ENERGY STAR® Qualified LED MR 16 pin or screw base 5 10W Minimum 400 Lumen Out	Prescriptive	aj01_36	Lighting Interior General	E1				2018-01-05	\$	1,236.00		2,207.32	0.76	\$	396.00		
2018-01-01	\$	1,236.00	2018	0.19	871.75	0.043	0.131	Enwin Utilities Ltd.	Small_Business_Lighting	Full Cost Recovery	17088-010	<50W	Enwin Utilities Ltd.	ENERGY STAR® Qualified LED A-Shape 15W Minimum 800 Lumen Output	Prescriptive	aj01_13	Lighting Interior General	E3				2017-12-15	\$	1,236.00		1,037.15	0.19	\$	40.00		
2018-01-01	\$	1,140.00	2018	0.38	2,240.95	0.043	1.768	Enwin Utilities Ltd.	Small_Business_Lighting	Full Cost Recovery	17088-011	<50W	Enwin Utilities Ltd.	40 LED Tube Re-Lamp 15W Minimum 1500 Lumen Output Per Lamp	Prescriptive	aj01_07	Lighting Interior General	D1				2018-01-05	\$	1,140.00		4,207.48	0.72	\$	925.69		
2018-01-01	\$	1,140.00	2018	0.44	540.90	0.043	0.134	Enwin Utilities Ltd.	Small_Business_Lighting	Full Cost Recovery	17088-011	<50W	Enwin Utilities Ltd.	ENERGY STAR® Qualified LED A-Shape 15W Minimum 800 Lumen Output	Prescriptive	aj01_13	Lighting Interior General	E1				2018-01-05	\$	1,140.00		941.34	0.14	\$	60.00		
2018-01-01	\$	1,140.00	2018	0.44	540.90	0.043	0.134	Enwin Utilities Ltd.	Small_Business_Lighting	Full Cost Recovery	17088-011	<50W	Enwin Utilities Ltd.	ENERGY STAR® Qualified LED A-Shape 15W Minimum 800 Lumen Output	Prescriptive	aj01_13	Lighting Interior General	E1				2018-01-05	\$	1,140.00		941.34	0.14	\$	60.00		
2018-01-01	\$	1,140.00	2018	0.09	614.92	0.043	0.034	Enwin Utilities Ltd.	Small_Business_Lighting	Full Cost Recovery	17088-022	<50W	Enwin Utilities Ltd.	20 LED Tube Re-Lamp 15W Minimum 1500 Lumen Output Per Lamp	Prescriptive	aj01_03	Lighting Interior General	E1				2018-01-23	\$	564.00		940.88	0.16	\$	206.99		
2018-01-01	\$	1,095.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01644	Y1	Enwin Utilities Ltd.	ENERGY STAR® Qualified LED PAR 36 x 150W Minimum 800 Lumen Output	Prescriptive	HAP2016_02	Plug Load	8	10	1			2017-12-31	\$	1,095.00	30,000.00	-	-	\$	30.00	
2018-01-01	\$	1,140.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01622	Y1	Enwin Utilities Ltd.	Indoor Clothes Drying Rack	Prescriptive	HAP2016_34	Clothes Dryers	8	10	1			2017-12-31	\$	1,140.00	30,000.00	-	-	\$	30.00	
2018-01-01	\$	1,195.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01636	Y1	Enwin Utilities Ltd.	Indoor Clothes Drying Rack	Prescriptive	HAP2016_34	Clothes Dryers	8	10	1			2017-12-31	\$	1,195.00	30,000.00	-	-	\$	30.00	
2018-01-01	\$	1,095.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01633	Y1	Enwin Utilities Ltd.	Indoor Clothes Drying Rack	Prescriptive	HAP2016_34	Clothes Dryers	8	10	1			2017-12-31	\$	1,095.00	30,000.00	-	-	\$	30.00	
2018-01-01	\$	1,100.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01638	Y1	Enwin Utilities Ltd.	Indoor Clothes Drying Rack	Prescriptive	HAP2016_34	Clothes Dryers	8	10	1			2017-12-31	\$	1,100.00	30,000.00	-	-	\$	30.00	
2018-01-01	\$	1,155.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01637	Y1	Enwin Utilities Ltd.	Indoor Clothes Drying Rack	Prescriptive	HAP2016_34	Clothes Dryers	8	10	1			2017-12-31	\$	1,155.00	30,000.00	-	-	\$	30.00	
2018-01-01	\$	1,120.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01639	Y1	Enwin Utilities Ltd.	Indoor Clothes Drying Rack	Prescriptive	HAP2016_34	Clothes Dryers	8	10	1			2017-12-31	\$	1,120.00	30,000.00	-	-	\$	30.00	
2018-01-01	\$	1,095.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01642	Y1	Enwin Utilities Ltd.	Indoor Clothes Drying Rack	Prescriptive	HAP2016_34	Clothes Dryers	8	10	1			2017-12-31	\$	1,095.00	30,000.00	-	-	\$	30.00	
2018-01-01	\$	1,115.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01645	Y1	Enwin Utilities Ltd.	Indoor Clothes Drying Rack	Prescriptive	HAP2016_34	Clothes Dryers	8	10	1			2017-12-31	\$	1,115.00	30,000.00	-	-	\$	30.00	
2018-01-01	\$	1,192.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01644	Y1	Enwin Utilities Ltd.	Indoor Clothes Drying Rack	Prescriptive	HAP2016_34	Clothes Dryers	8	10	1			2017-12-31	\$	1,192.00	30,000.00	-	-	\$	30.00	
2018-01-01	\$	281.00	2018	-	190.23	0.873	0.661	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-31-00996	Y1	Enwin Utilities Ltd.	Indoor Clothes Drying Rack	Prescriptive	HAP2016_34	Clothes Dryers	8	10	1			2018-01-09	\$	281.00	30	217.40	-	\$	30.00	
2018-01-01	\$	564.00	2018	0.06	458.32	0.043	0.2470	Enwin Utilities Ltd.	Small_Business_Lighting	Full Cost Recovery	17088-022	<50W	Enwin Utilities Ltd.	40 LED Tube Re-Lamp 15W Minimum 1500 Lumen Output Per Lamp	Prescriptive	aj01_07	Lighting Interior General	D1				2018-01-23	\$	564.00		701.28	0.12	\$	154.28		
2018-01-01	\$	1,095.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01621	Y1	Enwin Utilities Ltd.	<50W ENERGY STAR® Qualified LED A-Shape 1500W (minimum 1500 Lumen output) (P	Prescriptive	HAP2016_32	Lighting	8	9	8.56	3	4	Lams - 32W TR (Normal Ballast Factor) - Electronic Instant Start Ballast	2018-01-23	\$	1,095.00	25,000.00	-	-	\$	25.00
2018-01-01	\$	1,095.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01626	Y1	Enwin Utilities Ltd.	<50W ENERGY STAR® Qualified LED A-Shape 1500W (minimum 1500 Lumen output) (P	Prescriptive	HAP2016_32	Lighting	8	9	8.56	3	4	Lams - 32W TR (Normal Ballast Factor) - Electronic Instant Start Ballast	2017-12-31	\$	1,095.00	25,000.00	-	-	\$	25.00
2018-01-01	\$	1,095.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01637	Y1	Enwin Utilities Ltd.	<50W ENERGY STAR® Qualified LED A-Shape 1500W (minimum 1500 Lumen output) (P	Prescriptive	HAP2016_32	Lighting	8	9	8.56	3	4	Lams - 32W TR (Normal Ballast Factor) - Electronic Instant Start Ballast	2017-12-31	\$	1,095.00	25,000.00	-	-	\$	25.00
2018-01-01	\$	1,095.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01642	Y1	Enwin Utilities Ltd.	<50W ENERGY STAR® Qualified LED A-Shape 1500W (minimum 1500 Lumen output) (P	Prescriptive	HAP2016_32	Lighting	8	9	8.56	3	4	Lams - 32W TR (Normal Ballast Factor) - Electronic Instant Start Ballast	2017-12-31	\$	1,095.00	25,000.00	-	-	\$	25.00
2018-01-01	\$	1,115.00	2017	-	-	0.853	-	Enwin Utilities Ltd.	Home_Assistance_Program	Full Cost Recovery	ENW-01-01645	Y1	Enwin Utilities Ltd.	<50W ENERGY STAR® Qualified LED A-Shape 1500W (minimum 1500 Lumen output) (P	Prescriptive	HAP2016_32	Lighting	8	9	8.56	3	4	Lams - 32W TR (Normal Ballast Factor) - Electronic Instant Start Ballast	2017-12-31	\$	1,115.00	25,000.00	-	-	\$	25.00
2018-01-01	\$	564.00	2018	0.09	641.65	0.043	0.2328	Enwin Utilities Ltd.	Small_Business_Lighting	Full Cost Recovery	17088-022	<50W	Enwin Utilities Ltd.	ENERGY STAR® Qualified LED A-Shape 15W Minimum 800 Lumen Output	Prescriptive	aj01_14	Lighting Interior General	E3				2018-01-23	\$	564.00		981.79	0.17	\$	44.00		
2018-01-01	\$	1,030.00	2018	0.17	871.84	0.043	1.179	Enwin Utilities Ltd.	Small_Business_Lighting	Full Cost Recovery	17088-011	<50W	Enwin Utilities Ltd.	ENERGY STAR® Qualified LED A-Shape 15W Minimum 800 Lumen Output	Prescriptive	aj01_07	Lighting Interior General	D1				2018-01-05	\$	1,030.00		1,441.11	0.02	\$	40.00		
2018-01-01	\$	1,140.00	2017	-	-	0.995	-	Conservation Officer, Enwin	Ref retrofit	Full Cost Recovery	173962	N/A	Enwin Utilities Ltd.	ENERGY STAR® Qualified LED DECORATIVE BULB (E12 CANDLABLA BASE) <=50 W x 1	Prescriptive	B0001							2017-09-26	\$	564.00		-	-	\$	10.10	
2018-01-01	\$	1,208,334.94	2017	-	-	1.000	-	Enwin Utilities Ltd.	Process, and, Systems, Upgrades, Program	Full Cost Recovery	SC2-000000	N/A	Enwin Utilities Ltd.	Process, and, Systems, Upgrades	Custom								2017-08-15	\$	1,208,334.94	-	-	-	\$	30,000.00	
2018-01-01	\$	2019	-	-	-	-	-	Enwin Utilities Ltd.	Energy Manager, Program	Full Cost Recovery	EM-0292-Y61	N/A	Enwin Utilities Ltd.	Energy Manager	Custom								2019-02-04	\$	-	-	-	-	\$	10,000.00	
2018-01-01	\$	2019	-	-	-	-	-	Conservation Officer, Enwin	Ref retrofit	Full Cost Recovery	180004	N/A	Enwin Utilities Ltd.	Baller Fans	Custom	B0003							2017-11-30	\$	401.30		-	-	\$	17.50	
2018-01-01	\$	2019	-	-	-	-	-	Conservation Officer, Enwin	Ref retrofit	Full Cost Recovery	180003	N/A	Enwin Utilities Ltd.	LED	Custom	B0003							2017-06-20	\$	80,000.00		-	-	\$	13,360.00	
2018-01-01	\$	2016	-	-	-	-	-	Conservation Officer, Enwin	Ref retrofit	Full Cost Recovery	170951	N/A	Enwin Utilities Ltd.	VFD	Custom	B0003							2016-07-01	\$	161,165.74		-	-	\$	28,890.00	
2018-01-01	\$	2017	-	-	-	-	-	Conservation Officer, Enwin	Ref retrofit	Full Cost Recovery	170951	N/A	Enwin Utilities Ltd.	LED lighting	Custom	B0003							2017-06-20	\$	70,000.00		-	-	\$	6,340.00	
2018-01-01	\$	2017	-	-	-	-	-	Conservation Officer, Enwin	Ref retrofit	Full Cost Recovery	180026	N/A	Enwin Utilities Ltd.	ROTOPUMP	Custom	B0003							2017-07-25	\$	41,250.00		-	-	\$	6,000.00	
2018-01-01	\$	2019	-	-	-	-	-	Conservation Officer, Enwin	Ref retrofit	Full Cost Recovery	173722	N/A	Enwin Utilities Ltd.	See																	

2018-04-01	Prescriptive Lighting EU13 LED	\$	19,750.00	2018	12.36	76,033.25	0.09%	75,567.37	Conservation Officer, Envin	Refrofit	Full Cost Recovery	178955	N/A	ENVIN UTILITIES LTD.	LED Tube Re-Lamp <=30W >= 1500 lumens	Prescriptive	B0901	11:08	1800	2018-03-15	19,750.00	62,692.00	18.00	-	9,000.00
2018-04-01	Custom Lighting	\$	22,199.12	2018	14.17	88,262.17	0.09%	87,867.18	Conservation Officer, Envin	Refrofit	Full Cost Recovery	178956	N/A	ENVIN UTILITIES LTD.	LED	Prescriptive	B0901	11:08	1	2018-03-15	22,199.12	69,239.12	21.00	-	1,300.00
2018-04-01	Prescriptive Non-lighting	\$	11,487.60	2018	5.53	29,632.83	0.09%	29,486.31	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180031	<100W	ENVIN UTILITIES LTD.	Variable Frequency Drive on 60 HP Motor	Prescriptive	B0901	11:08	2	2018-02-02	11,487.60	32,228.00	8.00	-	6,444.00
2018-04-01	Custom Lighting	\$	13,648.00	2017	9.49	70,924.94	0.09%	70,548.46	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180086	<100W	ENVIN UTILITIES LTD.	LED	Custom	B0901	11:08	1	2017-12-18	13,648.00	110,036.00	14.50	-	5,846.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	17,239.00	2017	12.29	50,744.00	0.09%	50,493.00	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180087	<100W	ENVIN UTILITIES LTD.	LED	Prescriptive	B0901	11:08	1	2017-11-15	17,239.00	24,214.50	5.00	-	5,588.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	12,666.93	2018	7.20	62,855.45	0.09%	62,546.63	Conservation Officer, Envin	Refrofit	Full Cost Recovery	182626	<100W	ENVIN UTILITIES LTD.	LED	Prescriptive	B0901	11:08	1	2018-03-15	12,666.93	98,807.00	11.00	-	4,840.35
2018-04-01	Prescriptive Lighting EU13 LED	\$	16,295.64	2017	11.29	47,256.56	0.09%	47,005.56	Conservation Officer, Envin	Refrofit	Full Cost Recovery	182627	<100W	ENVIN UTILITIES LTD.	LED	Prescriptive	B0901	11:08	1	2018-03-15	16,295.64	113,030.00	1.00	-	1,430.00
2018-04-01	Prescriptive Lighting EU13	\$	7,939.12	2017	7.46	34,285.56	0.09%	34,116.03	Conservation Officer, Envin	Refrofit	Full Cost Recovery	182628	<100W	ENVIN UTILITIES LTD.	Lighting	Custom	B0903	11:08	1	2017-08-30	7,939.12	52,800.00	11.40	-	3,960.56
2018-04-01	Prescriptive Lighting EU13	\$	5,838.40	2017	5.37	17,658.57	0.09%	17,489.57	Conservation Officer, Envin	Refrofit	Full Cost Recovery	182629	<100W	ENVIN UTILITIES LTD.	ENERGY STAR QUALIFIED LED OMNIDIRECTIONAL A SHAPE LAMP >=30W >= 1200 lumens	Prescriptive	B0901	11:08	1	2017-11-17	5,838.40	37,978.00	1.00	-	3,700.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	10,381.50	2016	20.07	11,110.94	0.09%	11,055.99	Conservation Officer, Envin	Refrofit	Full Cost Recovery	182731	<100W	ENVIN UTILITIES LTD.	Variable Frequency Drive on 15 HP Motor	Prescriptive	B0901	11:08	3	2016-05-25	10,381.50	12,084.00	3.02	-	2,140.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	6,848.51	2017	20.58	20,558.57	0.09%	20,588.00	Conservation Officer, Envin	Refrofit	Full Cost Recovery	182735	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	18	2017-11-15	6,848.51	24,214.50	2.00	-	1,380.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	10,050.00	2016	0.79	10,050.00	0.09%	4,830.87	Conservation Officer, Envin	Refrofit	Full Cost Recovery	182736	<100W	ENVIN UTILITIES LTD.	LED RECESSED DOWNLIGHTS -> 800 lumens	Prescriptive	B0901	11:08	20	2016-08-29	10,050.00	1,526.20	1.11	-	4,939.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	15,541.00	2017	-	23,866.45	0.09%	23,847.87	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184735	<100W	ENVIN UTILITIES LTD.	7-12 Hours Operation - Exterior	Custom	B0901	11:08	1	2017-11-14	15,541.00	4,905.67	-	-	1,848.40
2018-04-01	Prescriptive Lighting EU13 LED	\$	14,133.00	2017	-	17,609.79	0.09%	17,523.77	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184736	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	24	2017-12-05	14,133.00	1,610.00	-	-	1,610.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	3,210.55	2017	0.61	3,756.04	0.09%	3,717.47	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184843	<100W	ENVIN UTILITIES LTD.	INTERGAL LED TROFICERS: 1" x 4 LED troffer (>= 1500 lumens)	Prescriptive	B0901	11:08	38	2017-12-08	3,210.55	17,646.00	0.89	-	1,523.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	3,771.28	2018	-	3,099.40	0.09%	3,573.78	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186071	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	1	2018-08-05	3,771.28	6,715.00	-	-	1,476.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	9,100.00	2017	-	14,558.97	0.09%	14,486.98	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186072	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	1	2017-11-18	9,100.00	1,100.00	-	-	1,100.00
2018-04-01	Custom Lighting	\$	2,149.42	2017	2.09	7,414.85	0.09%	7,378.18	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186844	<100W	ENVIN UTILITIES LTD.	LED	Custom	B0901	11:08	1	2017-11-08	2,149.42	2,600.00	3.20	-	1,380.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	2,114.51	2018	3.09	17,746.20	0.09%	17,683.61	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186845	<100W	ENVIN UTILITIES LTD.	Work Worksheet	Prescriptive	B0901	11:08	1	2018-02-15	2,114.51	1,250.00	-	-	1,250.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	1,160.67	2017	0.54	3,244.77	0.09%	3,278.48	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184749	<100W	ENVIN UTILITIES LTD.	INTERGAL LED TROFICERS: 2" x 4 LED troffer (>= 3000 lumens)	Prescriptive	B0901	11:08	25	2017-11-17	1,160.67	13,881.32	0.78	-	1,250.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	14,340.00	2017	0.93	462.54	0.09%	462.19	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184934	<100W	ENVIN UTILITIES LTD.	New Tool List	Custom	B0901	11:08	1	2017-11-20	14,340.00	71.00	1.40	-	1,130.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	5,525.79	2018	-	10,813.03	0.09%	10,793.98	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186835	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <140W to <120W>	Prescriptive	B0901	11:08	14	2018-01-12	5,525.79	11,760.00	-	-	1,050.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	7,795.00	2018	1.95	22,875.07	0.09%	22,763.26	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186997	<100W	ENVIN UTILITIES LTD.	LED EXT SIGN, New Sign or Retrofit Kit <= 3W	Prescriptive	B0901	11:08	100	2018-04-04	7,795.00	24,874.00	2.84	-	1,000.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	7,783.1	2018	-	10,735.79	0.09%	10,682.79	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187706	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	20	2017-11-14	7,783.1	2,660.00	-	-	1,007.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	7,841.56	2017	-	10,079.29	0.09%	10,209.34	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186524	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	9	2017-11-14	7,841.56	14,920.00	10.62	-	990.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	9,650.00	2017	0.07	900.65	0.09%	901.77	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186562	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	1	2017-12-15	9,650.00	786.00	1.20	-	960.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	954.00	2018	3.21	16,820.60	0.09%	16,746.37	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186811	<100W	ENVIN UTILITIES LTD.	ENERGY STAR QUALIFIED LED REFLECTOR (FLOOD/SPOT) LAMP PH & SCREW BASE	Prescriptive	B0901	11:08	120	2018-01-12	954.00	18,301.48	4.48	-	954.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	938.86	2017	0.37	2,273.39	0.09%	2,262.31	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184749	<100W	ENVIN UTILITIES LTD.	INTERGAL LED TROFICERS: 1" x 4 LED troffer (>= 1500 lumens)	Prescriptive	B0901	11:08	23	2017-11-17	938.86	2,472.49	0.54	-	920.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	2,608.39	2017	0.32	1,679.52	0.09%	1,687.70	Conservation Officer, Envin	Refrofit	Full Cost Recovery	182327	<100W	ENVIN UTILITIES LTD.	INTERGAL LED TROFICERS: 2" x 4 LED troffer (>= 3000 lumens)	Prescriptive	B0901	11:08	15	2017-11-17	2,608.39	2,149.99	0.47	-	750.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	2,608.39	2017	-	7,555.05	0.09%	7,477.87	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184935	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	14	2017-11-14	2,608.39	8,373.20	-	-	780.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	2,608.39	2017	-	6,776.82	0.09%	6,686.30	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184936	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	6	2017-11-14	2,608.39	7,308.00	-	-	660.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	795.00	2018	-	7,721.31	0.09%	7,692.23	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186937	<100W	ENVIN UTILITIES LTD.	ENERGY STAR QUALIFIED LED REFLECTOR (FLOOD/SPOT) LAMP PH & SCREW BASE	Prescriptive	B0901	11:08	120	2018-02-01	795.00	796.00	-	-	796.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	1,181.89	2017	-	4,518.30	0.09%	4,495.96	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184735	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	18	2017-11-14	1,181.89	9,232.66	4.91	-	450.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	1,427.57	2017	-	4,034.16	0.09%	4,011.24	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184735	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <140W to <120W>	Prescriptive	B0901	11:08	6	2017-11-14	1,427.57	5,046.00	-	-	450.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	3,784.84	2017	-	4,831.11	0.09%	4,807.22	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184735	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	20	2017-11-14	3,784.84	14,920.00	-	-	1,780.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	803.88	2018	-	4,474.48	0.09%	4,457.52	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187706	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	4	2018-01-15	803.88	7,660.00	-	-	440.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	13,044.00	2017	-	4,287.28	0.09%	4,261.39	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184735	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	1	2017-11-14	13,044.00	1,450.00	-	-	1,450.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	1,046.67	2017	0.41	2,531.44	0.09%	2,523.49	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184749	<100W	ENVIN UTILITIES LTD.	LED Tube Re-Lamp <=20W >= 2000 lumens	Prescriptive	B0901	11:08	60	2017-11-17	1,046.67	4,872.00	0.60	-	420.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	1,654.00	2018	-	6,720.89	0.09%	6,698.89	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184935	<100W	ENVIN UTILITIES LTD.	LED CUPBOARD SENSORS, Wall/ceiling or future mounted	Prescriptive	B0901	11:08	1	2018-01-16	1,654.00	2,484.00	-	-	746.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	1,023.63	2017	0.20	1,208.73	0.09%	1,200.31	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184743	<100W	ENVIN UTILITIES LTD.	INTERGAL LED TROFICERS: 2" x 4 LED troffer (>= 3000 lumens)	Prescriptive	B0901	11:08	11	2017-12-08	1,023.63	1,311.88	0.29	-	385.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	1,465.00	2016	-	2,134.08	0.09%	6,203.80	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184643	<100W	ENVIN UTILITIES LTD.	OCCUPANCY SENSORS, Wall/ceiling or future mounted	Prescriptive	B0901	11:08	12	2018-08-05	1,465.00	6,780.74	-	-	360.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	1,465.00	2017	0.48	3,211.80	0.09%	3,211.80	Conservation Officer, Envin	Refrofit	Full Cost Recovery	184643	<100W	ENVIN UTILITIES LTD.	LED Tube Re-Lamp <=20W >= 1500 lumens	Prescriptive	B0901	11:08	12	2018-04-04	1,465.00	3,211.80	0.74	-	360.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	1,002.31	2018	-	7,373.53	0.09%	7,378.00	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186835	<100W	ENVIN UTILITIES LTD.	LED EXTERIOR AREA LIGHTS LED Fixture <120W to <200W>	Prescriptive	B0901	11:08	7	2018-01-12	1,002.31	6,887.00	-	-	350.00
2018-04-01	Prescriptive Lighting EU13 LED	\$	1,441.00	2016	-	5,195.63	0.09%	5,169.61	Conservation Officer, Envin	Refrofit	Full Cost Recovery	186835	<100W												

2018-10-01	Prescriptive Lighting EU13 LED	\$	6,137.00	2017	-	31,597.62	0.0%	33,431.48	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS LED Fixture (<10W to <=200W)	Prescriptive	B0901	11:08	30	2017-12-14	61,945.00	86,540.00	-	\$	3,300.00
2018-10-01	Prescriptive Lighting EU13 LED	\$	7,075.88	2017	-	42,286.67	0.0%	42,286.67	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS LED Fixture (<10W to <=200W)	Prescriptive	B0901	11:08	15	2017-12-14	61,945.00	86,540.00	-	\$	3,300.00
2018-10-01		\$	30.91	2017	0.03	93.89	0.0%	93.89	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED RECESSED DOWNLIGHTS -> 800 lumens	Prescriptive	B0901	11:08	4	2017-12-14	61,945.00	17.25	0.04	\$	64.00
2018-10-01		\$	172.38	2017	0.19	163.80	0.0%	163.80	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXT SIGNS New Sign or Refrofit Kit -> 3W	Prescriptive	B0901	11:08	4	2017-12-14	61,945.00	995.14	0.11	\$	46.00
2018-10-01		\$	2,623.7	2017	0.19	1,186.12	0.0%	1,186.12	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	INTEGRAL LED FIXTURES 2 x 4 LED fixture (<= 3000 lumens) EXPRD SEPTEMBER 10	Prescriptive	B0901	11:08	11	2017-12-14	61,945.00	61,945.00	0.28	\$	46.00
2018-10-01		\$	2,237.19	2017	1.93	11,851.10	0.0%	11,851.10	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	INTEGRAL LED FIXTURES 2 x 4 LED fixture (<= 3000 lumens) EXPRD SEPTEMBER 10	Prescriptive	B0901	11:08	90	2017-12-14	61,945.00	12,899.95	2.81	\$	4,500.00
2018-10-01		\$	4,437.19	2017	0.66	25,408.7	0.0%	25,408.7	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED High Bay Fixture <130W->170W EXPRD SEPTEMBER 10 2018	Prescriptive	B0901	11:08	8	2017-12-14	61,945.00	1,640.00	1.19	\$	2,400.00
2018-10-01	Custom Lighting	\$	11,832	2017	0.98	3,189.94	0.0%	3,174.71	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED Lighting	Custom	B0903	11:06	1	2017-11-27	8,275.00	4,931.00	1.50	\$	600.00
2018-10-01	Prescriptive Lighting EU13 LED	\$	2,337.19	2017	0.98	3,189.94	0.0%	3,174.71	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS LED Fixture (<60W to <=200W)	Prescriptive	B0901	2017-11-27	8,275.00	4,931.00	1.50	\$	600.00		
2018-10-01		\$	10.29	2017	0.06	66.25	0.0%	66.25	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXT SIGNS New Sign or Refrofit Kit -> 3W	Prescriptive	B0901	11:08	3	2017-11-27	8,275.00	745.35	0.09	\$	30.00
2018-10-01	Prescriptive Lighting EU13 LED	\$	7.82	2017	0.10	52.43	0.0%	52.43	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	ENERGY STAR QUALIFIED LED REFLECTOR (FLOOD/SPOT) LAMP PN & SCREW BASE	Prescriptive	B0901	11:08	5	2017-11-27	8,275.00	567.10	0.15	\$	30.00
2018-10-01		\$	53.31	2017	0.60	3,090.15	0.0%	3,071.90	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	INTEGRAL LED FIXTURES 2 x 4 LED fixture (<= 3000 lumens) EXPRD SEPTEMBER 10	Prescriptive	B0901	11:08	1	2017-11-27	8,275.00	4,931.13	-	\$	4,400.00
2018-10-01		\$	4.84	2018	0.62	7,230.02	0.0%	7,203.83	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXT SIGNS New Sign or Refrofit Kit -> 3W	Prescriptive	B0901	2018-03-15	582.05	7,961.00	0.51	\$	320.00		
2018-10-01		\$	1,335.98	2018	0.88	2,239.84	0.0%	2,238.77	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS LED Fixture (<10W to <=200W)	Prescriptive	B0901	2018-03-15	2,436.00	15,137.05	0.19	\$	67.00		
2018-10-01		\$	608.52	2018	0.08	491.48	0.0%	491.48	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED RECESSED DOWNLIGHTS -> 800 lumens	Prescriptive	B0901	2018-06-29	5	534.74	0.12	\$	192.00		
2018-10-01		\$	4,045.22	2018	2.38	18,796.43	0.0%	18,484.46	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	See Worksheet	Custom	B0903	2018-07-05	4,405.22	21,847.00	3.60	\$	1,440.00		
2018-10-01	Prescriptive Lighting EU13 LED	\$	2,488.20	2018	10.71	2,480.00	0.0%	2,480.00	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	ENERGY STAR QUALIFIED LED REFLECTOR (FLOOD/SPOT) LAMP PN & SCREW BASE	Prescriptive	B0901	2018-07-05	4,405.22	21,847.00	3.60	\$	1,440.00		
2018-10-01	Prescriptive Lighting EU13 LED	\$	2,184.20	2018	10.71	13,956.53	0.0%	13,876.73	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	INTEGRAL LED FIXTURES 2 x 4 LED fixture (<= 3000 lumens) EXPRD SEPTEMBER 10	Prescriptive	B0901	2018-08-24	2,184.20	15,178.80	0.70	\$	1,070.00		
2018-10-01		\$	1,605.00	2018	0.14	876.61	0.0%	876.61	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	INTEGRAL LED FIXTURES 2 x 4 LED fixture (<= 3000 lumens) EXPRD SEPTEMBER 10	Prescriptive	B0901	2018-08-24	2,184.20	15,178.80	0.70	\$	1,070.00		
2018-10-01		\$	1,980.00	2018	0.41	2,615.82	0.0%	2,622.78	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	INTEGRAL LED FIXTURES 2 x 4 LED fixture (<= 3000 lumens) EXPRD SEPTEMBER 10	Prescriptive	B0901	2018-08-24	2,184.20	15,178.80	0.70	\$	1,070.00		
2018-10-01	Prescriptive Lighting EU13 LED	\$	1,860.79	2018	-	3,359.76	0.0%	3,361.12	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS LED Fixture (<10W to <=200W)	Prescriptive	B0901	2018-08-07	5	1,773.10	5,614.00	-	\$	300.00	
2018-10-01	Prescriptive Lighting EU13 LED	\$	1,932.86	2018	-	7,723.59	0.0%	7,685.45	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS LED Fixture (<60W to <=200W)	Prescriptive	B0901	2018-08-07	5	2,773.65	8,600.00	-	\$	760.00	
2018-10-01	Prescriptive Lighting EU13 LED	\$	570.00	2018	0.34	1,768.70	0.0%	1,759.98	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	ENERGY STAR QUALIFIED LED OMNIDIRECTIONAL SHAPE LAMP ->12W to <= 800 lumens	Prescriptive	B0901	2018-08-08	570.00	1,923.00	0.49	\$	570.00		
2018-10-01		\$	5,088.89	2018	2.88	11,080.72	0.0%	11,020.72	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	Lighting	Custom	B0904	2018-08-07	5,088.89	17,966.00	4.49	\$	1,760.00		
2018-10-01	Prescriptive Lighting EU13 LED	\$	338.02	2018	-	536.79	0.0%	534.14	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS LED Fixture (<10W to <=200W)	Prescriptive	B0901	2018-08-28	3	588.80	-	\$	50.00		
2018-10-01	Prescriptive Lighting EU13 LED	\$	1,335.98	2018	-	2,239.84	0.0%	2,238.77	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS LED Fixture (<10W to <=200W)	Prescriptive	B0901	2018-08-28	3	588.80	-	\$	50.00		
2018-10-01	Prescriptive Lighting EU13 LED	\$	3,973.34	2018	-	11,159.21	0.0%	11,143.83	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED fixture <10W to <=200W	Prescriptive	B0901	2018-02-27	5	12,180.00	-	\$	1,596.00		
2018-10-01	Prescriptive Lighting EU13 LED	\$	8,280.40	2018	-	23,526.84	0.0%	23,510.00	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS LED Fixture (<10W to <=200W)	Prescriptive	B0901	2018-02-27	5	25,000.00	-	\$	2,378.00		
2018-10-01	Prescriptive Lighting EU13 LED	\$	10,136.32	2018	-	28,577.20	0.0%	28,455.79	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED fixture <10W to <=200W	Prescriptive	B0901	2018-02-27	5	31,000.00	-	\$	4,065.86		
2018-10-01	Custom Lighting	\$	60.34	2018	0.65	5,699.43	0.0%	5,672.25	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED Refrofit	Custom	B0903	2018-05-25	5	8,772.00	1.00	\$	438.00		
2018-10-01	Custom Lighting	\$	307.66	2018	0.39	7,798.97	0.0%	7,780.93	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED refrofit	Custom	B0903	2018-05-25	5	2,926.00	0.40	\$	360.00		
2018-10-01	Custom Lighting	\$	19.21	2018	0.13	940.61	0.0%	940.61	Conservation Officer, Envin	Refrofit	Full Cost Recovery	180912	->N/A	Envin Utilities Ltd.	LED refrofit	Custom	B0903	2018-05-25	5	5,851.00	0.60	\$	292.55		
2018-10-01	Prescriptive Non-Lighting	\$	8,188.24	2018	3.46	18,520.07	0.0%	18,428.48	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	Variable Frequency Drive on 5 HP Motor	Prescriptive	B0902	2018-05-25	5	1,460.00	-	\$	350.00		
2018-10-01	Prescriptive Lighting EU13 LED	\$	317.28	2018	-	1,220.74	0.0%	1,204.84	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS LED Fixture (<10W to <=200W)	Prescriptive	B0901	2018-04-05	5	8,188.24	0.04	\$	3,980.00		
2018-10-01		\$	7,515.00	2017	13.73	84,481.38	0.0%	84,481.38	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	LED Tube Lamp <=10W to <=1500 lumens EXPRD SEPTEMBER 10 2018	Prescriptive	B0901	2018-04-05	5	8,188.24	0.04	\$	3,980.00		
2018-10-01		\$	9,751.24	2017	10.28	80,582.02	0.0%	80,582.02	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	led replacement lamp	Custom	B0903	2017-11-15	5	16,245.00	15.70	\$	6,898.00		
2018-10-01	Custom Lighting	\$	4,153.18	2018	29	1,241.10	0.0%	1,241.10	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	led replacement lamp	Custom	B0903	2017-11-15	5	16,245.00	15.70	\$	6,898.00		
2018-10-01		\$	10,311	2018	0.08	494.22	0.0%	491.77	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	INTEGRAL LED FIXTURES 1 x 4 LED fixture (<= 1500 lumens) EXPRD SEPTEMBER 10	Prescriptive	B0901	2018-06-15	5	1,817.47	0.12	\$	200.00		
2018-10-01		\$	707.14	2018	0.62	3,841.84	0.0%	3,841.84	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	INTEGRAL LED FIXTURES 1 x 4 LED fixture (<= 1500 lumens) EXPRD SEPTEMBER 10	Prescriptive	B0901	2018-06-15	5	1,817.47	0.12	\$	200.00		
2018-10-01		\$	129,470.00	2018	4.06	34,910.82	0.0%	34,718.32	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	Update and Reconfiguration of Control Air System	Custom	B0903	2018-07-31	5	37,640.00	6.20	\$	3,370.80		
2018-10-01		\$	201,750.00	2018	16.26	100,424.03	0.0%	100,128.46	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	New Injection machine and electric valve drive	Custom	B0903	2018-08-31	5	100,750.00	24.84	\$	10,880.80		
2018-10-01	Prescriptive Non-Lighting	\$	1,500.00	2018	0.88	5,048.82	0.0%	5,048.82	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	OCCUPANCY SENSORS, Wall Switch	Custom	B0903	2018-07-20	5	1,500.00	0.88	\$	240.00		
2018-10-01		\$	204.47	2018	0.68	8,026.28	0.0%	7,966.68	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	LED EXT SIGNS New Sign or Refrofit Kit -> 3W	Prescriptive	B0901	2018-07-27	5	1,500.00	0.68	\$	350.00		
2018-10-01		\$	1,662.19	2018	17	2,951.80	0.0%	2,951.80	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	LED EXT SIGNS New Sign or Refrofit Kit -> 3W	Prescriptive	B0901	2018-07-27	5	1,662.19	17	\$	1,240.00		
2018-10-01		\$	12,547.34	2018	3.3	16,225.56	0.0%	16,149.39	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	600 Building	Custom	B0903	2018-07-27	5	12,547.34	3.3	\$	1,240.00		
2018-10-01		\$	21,620.51	2018	5.98	27,965.41	0.0%	27,717.17	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	400 Building	Custom	B0903	2018-07-27	5	21,620.51	5.98	\$	1,240.00		
2018-10-01		\$	278,800.00	2018	16.59	60,888.79	0.0%	60,888.79	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	Other Measures - TBD	Custom	B0903	2018-07-27	5	278,800.00	16.59	\$	1,240.00		
2018-10-01		\$	28,000.00	2018	2.36	19,615.59	0.0%	19,518.53	Conservation Officer, Envin	Refrofit	Full Cost Recovery	187862	->N/A	Envin Utilities Ltd.	Variable Frequency Drive	Custom	B0903	2018-07-27	5	28,000.00	2.36	\$	1,240.00		

2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	252		2017-06-30	\$	1,638.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	948		2017-06-30	\$	1,618.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	1104		2017-06-30	\$	1,716.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	744		2017-06-30	\$	4,836.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	3056		2017-06-30	\$	6,864.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	1200		2017-06-30	\$	7,800.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	984		2017-06-30	\$	6,396.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	900		2017-06-30	\$	5,850.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	564		2017-06-30	\$	3,666.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	672		2017-06-30	\$	4,368.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	828		2017-06-30	\$	5,182.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	428		2017-06-30	\$	2,780.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	456		2017-06-30	\$	2,964.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	1488		2017-06-30	\$	9,672.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	1476		2017-06-30	\$	9,594.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	3708		2017-06-30	\$	24,102.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	164		2017-06-30	\$	1,062.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	London Hydro Inc.	Retrofit	Full Cost Recovery	172275	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	2868		2017-06-30	\$	18,642.00	-	-	-	
2018-02-01		2017	-	-	0.99%	-	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	172480	N/A	Envin Utilities Ltd.	ENERGY STAR® LED Lamps - Omnidirectional A Shade Dry/Wet Location ->7W to <11W Prescriptive	B0001	13.08	1		2017-06-30	\$	1,000.00	-	-	-	
2018-09-01	Prescriptive Lighting EU13 LED	2017	-	7,517.63	0.99%	7,480.45	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162191	<0.00W	Envin Utilities Ltd.	LED fixture >50W to <=60W EXPIRED JUNE 19 2016	Prescriptive	B0001	13.08	14		2017-12-31	\$	21,766.51	6,179.00	-	-
2018-09-01	Prescriptive Lighting EU13 LED	2017	-	8,959.37	0.99%	8,815.06	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162191	<0.00W	Envin Utilities Ltd.	LED fixture >120 to <= 200W EXPIRED SEP 19 2016	Prescriptive	B0001	13.08	8		2017-12-31	\$	21,766.51	6,174.00	-	-
2018-09-01	Prescriptive Lighting EU13 LED	2017	-	42,286.67	0.99%	42,077.55	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162191	<0.00W	Envin Utilities Ltd.	LED fixture <=30W EXPIRED JUNE 19 2016	Prescriptive	B0001	13.08	15		2017-12-31	\$	21,766.51	45,990.00	-	-
2018-09-01	Prescriptive Lighting EU13 LED	2017	-	1,467.48	0.99%	1,460.21	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162191	<0.00W	Envin Utilities Ltd.	LED fixture >200 to <= 300W EXPIRED JUNE 19 2016	Prescriptive	B0001	13.08	2		2017-12-31	\$	29,911.88	3,096.00	-	-
2018-09-01	Prescriptive Lighting EU13 LED	2017	-	6,591.58	0.99%	6,549.58	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162191	<0.00W	Envin Utilities Ltd.	LED fixture >50W to <= 60W EXPIRED JUNE 19 2016	Prescriptive	B0001	13.08	16		2017-12-31	\$	29,911.88	3,344.00	-	-
2018-09-01	Prescriptive Lighting EU13 LED	2017	-	15,678.89	0.99%	15,601.36	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162191	<0.00W	Envin Utilities Ltd.	LED fixture >120 to <= 200W EXPIRED JUNE 19 2016	Prescriptive	B0001	13.08	14		2017-12-31	\$	29,911.88	17,052.00	-	-
2018-09-01	Prescriptive Lighting EU13 LED	2017	-	36,648.44	0.99%	36,402.17	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162191	<0.00W	Envin Utilities Ltd.	LED fixture <=30W EXPIRED JUNE 19 2016	Prescriptive	B0001	13.08	13		2017-12-31	\$	29,911.88	98,448.00	-	-
2018-09-01	Prescriptive Lighting EU13 LED	2017	-	6,643.68	0.99%	6,411.82	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162191	<0.00W	Envin Utilities Ltd.	LED fixture >50W to <= 60W EXPIRED JUNE 19 2016	Prescriptive	B0001	13.08	12		2017-12-31	\$	40,730.62	7,008.00	-	-
2018-09-01	Prescriptive Lighting EU13 LED	2017	-	19,038.65	0.99%	18,944.51	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162191	<0.00W	Envin Utilities Ltd.	LED fixture >120 to <= 200W EXPIRED JUNE 19 2016	Prescriptive	B0001	13.08	17		2017-12-31	\$	40,730.62	20,786.00	-	-
2018-09-01	Prescriptive Lighting EU13 LED	2017	-	70,477.78	0.99%	70,129.26	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162191	<0.00W	Envin Utilities Ltd.	LED fixture <=30W EXPIRED JUNE 19 2016	Prescriptive	B0001	13.08	25		2017-12-31	\$	40,730.62	76,650.00	-	-
2018-09-01	Prescriptive Lighting EU12 LED	2017	-	2,883.95	0.99%	2,870.78	Conservation Officer, Hydro One Networks	Retrofit	Full Cost Recovery	170501	<0.00W	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS: LED fixture >30W to <=60W	Prescriptive	B0001	13.08	5		2017-02-29	\$	3,512.50	2,918.00	-	-
2018-09-01	Prescriptive Lighting EU12 LED	2017	-	7,790	0.99%	7,680.49	Conservation Officer, Hydro One Networks	Retrofit	Full Cost Recovery	170501	<0.00W	Envin Utilities Ltd.	LED Lighting Retrofit	Custom	B0003	13.08	1		2017-02-29	\$	4,495.00	1.20	-	-
2018-09-01	Prescriptive Lighting EU12 LED	2017	-	1,406.80	0.99%	1,389.89	Conservation Officer, Hydro One Networks	Retrofit	Full Cost Recovery	170501	<0.00W	Envin Utilities Ltd.	LED Lighting Retrofit	Custom	B0003	13.08	1		2017-02-29	\$	1,709.40	1,547.00	1.50	-
2018-09-01	Prescriptive Lighting EU12 LED	2017	-	12,893.43	0.99%	12,824.72	Conservation Officer, Hydro One Networks	Retrofit	Full Cost Recovery	170501	<0.00W	Envin Utilities Ltd.	LED Lighting Retrofit	Custom	B0003	13.08	1		2017-02-29	\$	11,176.15	10,290.00	5.70	-
2018-10-01	Prescriptive Lighting EU12 LED	2018	-	2,688.95	0.99%	2,670.68	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162628	<0.00W	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS: LED fixture (>30W to <=60W)	Prescriptive	B0001	13.08	5		2018-04-30	\$	35,156.10	2,918.00	-	-
2018-10-01	Prescriptive Lighting EU12 LED	2018	-	5,534.57	0.99%	5,492.36	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162628	<0.00W	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS: LED fixture (<30W)	Prescriptive	B0001	13.08	34		2018-04-30	\$	35,156.10	2,820.00	-	-
2018-10-01	Prescriptive Lighting EU12 LED	2018	-	10,029.41	0.99%	10,029.41	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162628	<0.00W	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS: LED fixture (>120W to <=200W)	Prescriptive	B0001	13.08	9		2018-04-30	\$	35,156.10	10,362.00	-	-
2018-10-01	Prescriptive Lighting EU13 LED	2018	-	46,341.55	0.99%	46,132.60	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	162628	<0.00W	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS: LED fixture (>60W to <=120W)	Prescriptive	B0001	13.08	60		2018-04-30	\$	35,156.10	10,400.00	-	-
2018-10-01	Prescriptive Lighting EU13 LED	2018	-	57,395.00	0.99%	57,133.65	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	168183	<0.00W	Envin Utilities Ltd.	LED Lighting Controls	Custom	B0003	13.08	1		2018-04-30	\$	29,997.00	68,404.00	-	-
2018-11-01	Custom Lighting	2018	-	38,953.34	0.99%	38,163.68	Alcatra Utilities Corporation	Retrofit	Full Cost Recovery	186895	<0.00W	Envin Utilities Ltd.	Lighting Controls	Custom		13.08	1		2018-11-16	\$	18,173.70	9,070.00	-	-
2017-12-31		2017	-	8,831.39	0.99%	8,752.74	Conservation Officer, Hydro One Networks	Retrofit	Full Cost Recovery	171911	<0.00W	Envin Utilities Ltd.	LED Lighting Controls	Custom	B0003	13.08	1		2017-12-31	\$	6,561.22	8.41	-	-
2018-12-31		2018	-	1,592,245.70	0.99%	1,579,507.74	Conservation Officer, Envin	Retrofit	Full Cost Recovery	174637	<0.00W	Envin Utilities Ltd.	Gum lighting upgrade	Custom	B0003	13.08	1		2018-12-31	\$	2,422,371.63	181.88	-	-
2018-01-01		2017	-	1,330.39	0.99%	1,323.81	Conservation Officer, Envin	Retrofit	Full Cost Recovery	174637	<0.00W	Envin Utilities Ltd.	Gum lighting upgrade	Custom	B0003	13.08	1		2017-08-04	\$	10,423.15	2,040.00	0.50	\$ 200.00
2018-01-01	Prescriptive Lighting EU12 LED	2017	-	2,463.20	0.99%	2,402.41	Conservation Officer, Envin	Retrofit	Full Cost Recovery	174637	<0.00W	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS: LED fixture (>30W to <=60W)	Prescriptive	B0001	13.08	1		2017-08-04	\$	1,751.40	1,751.40	-	\$ 150.00
2018-01-01	Prescriptive Lighting EU12 LED	2017	-	2,676.75	0.99%	2,676.75	Conservation Officer, Envin	Retrofit	Full Cost Recovery	174637	<0.00W	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS: LED fixture (>30W)	Prescriptive	B0001	13.08	7		2017-08-04	\$	8,000.00	1,911.00	-	\$ 175.00
2018-01-01	Prescriptive Non-lighting	2018	-	1,620.00	0.99%	1,620.00	Conservation Officer, Envin	Retrofit	Full Cost Recovery	180609	<0.00W	Envin Utilities Ltd.	Variable Frequency Drive on 1HP Motor	Prescriptive	B0001	13.08	2		2018-05-25	\$	1,600.00	2079.00	2.81	\$ 1,070.00
2018-01-01	Prescriptive Lighting EU12 LED	2018	-	1,073.58	0.99%	1,068.27	Conservation Officer, Envin	Retrofit	Full Cost Recovery	199238	<0.00W	Envin Utilities Ltd.	LED EXTERIOR AREA LIGHTS: LED fixture (>30W to <=60W)	Prescriptive	B0001	13.08	2		2018-11-12	\$	588.86	1,167.60	-	\$ 100.00
2018-01-01		2018	-	7,200.00	0.99%	7,200.00	Conservation Officer, Envin	Retrofit	Full Cost Recovery	199131	<0.00W	Envin Utilities Ltd.	Unitary AC	Custom	B0003	13.08	1		2018-07-26	\$	7,200.00	886.00	1.20	\$ 960.00
2018-01-01		2018	-	702.13	0.99%	702.13	Conservation Officer, Envin	Retrofit	Full Cost Recovery	199131	<0.00W	Envin Utilities Ltd.	INTEGRAL LED TRIPPERS: 2" x 4" LED tripper (>= 3000 Lumens) EXPIRED SEPTEMBER 30	Prescriptive	B0001	13.08	1		2018-11-29	\$	5,612.67	860.00	0.29	\$ 300.00
2018-01-01		2018	-	862.91	0.99%	853.47	Conservation Officer, Envin	Retrofit	Full Cost Recovery	199131	<0.00W	Envin Utilities Ltd.	LED RECESSED DOWNLIGHTS - <= 800 lumens	Prescriptive	B0001	13.08	20		2018-11-29	\$	5,612.67	899.24	0.19	\$ 320.00
2018-01-01		2018	-	846.29	0.99%	846.81	Conservation Officer, Envin	Retrofit	Full Cost Recovery	199131	<0.00W	Envin Utilities Ltd.	LED Tube Re-Lamp <=120W & >=1500 Lumens EXPIRED SEPTEMBER 30 2018	Prescriptive	B0001	13.08	30		2018-11-29	\$	5,612.67	918.80	-	-
2018-01-01	Prescriptive Lighting EU13 LED	2018	-	842.95	0.99%	842.95	Conservation Officer, Envin	Retrofit	Full Cost Recovery	199131	<0.00W	Envin Utilities Ltd.	ENERGY STAR® QUALIFIED LED REFLECTOR FLOOD/SPOT LAMP P/N & SCREW BASE - Prescriptive	Prescriptive	B0001	13.08	6		2018-11-29	\$	5,612.67	915.17		

Appendix I

2021 IRM Checklist

2021 IRM Checklist

ENWIN Utilities Ltd.

EB-2020-0017

Filing Requirement
Page # Reference

Date: August 17, 2020

IRM REQUIREMENTS			Evidence Reference, Notes
3.1.2 Components of the Application Filing			
3	Manager's summary documenting and explain all rate adjustments requested		Application, Manager's Summary
4	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact		Application, p. 6
4	Completed Rate Generator Model and supplementary work forms, Excel and PDF		Appendix B
4	Current tariff sheet, PDF		Appendix A
4	Supporting documentation (e.g. relevant past decisions, RRWF etc.)		N/A
4	Statement as to who will be affected by the application, specific customer groups affected by particular request		Application, pp. 5-6
4	Applicant's internet address		Application, p. 6, Manager's Summary, p. 7
4	Statement confirming accuracy of billing determinants pre-populated in model		Manager's Summary, p. 8
4	Text searchable PDF format for all documents		Yes
4	An Excel version of the IRM Checklist		Yes
3.1.3 Applications and Electronic Models			
5	Populated GA Analysis Workform		Appendix E
5	If required, for distributors seeking revenue to cost ratio adjustments due to previous OEB decision, the Revenue to Cost Ratio Adjustment Workform must be filed		N/A
5	For an incremental or pre-approved advanced capital module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module Applicable to ACM and ICM		N/A
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform		Appendix F, Appendix G, Appendix H
5	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub-accounts		N/A
3.2.2 Revenue to Cost Ratio Adjustments			
7	Completed revenue-to-cost ratio adjustment workform to adjust the revenue-to-cost ratio if previously approved by the OEB		N/A
3.2.3 Rate Design for Residential Electricity Customers			
<i>Residential Rate Design - Exceptions and Mitigation (applicable only to distributors that have not completed the rate design transition)</i>			N/A
7	If the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not required		N/A
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			Manager's Summary, pp. 9 - 11 2021 IRM Rate Generator Model, Tabs 10 - 15
3.2.5 Review and Disposition of Group 1 DVA Balances			
9	Justification if any account balance in excess of the threshold should not be disposed		N/A
10	Completed tab 3 - continuity schedule in Rate Generator Model		Yes
10 - 11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account		Manager's Summary, pp. 13-14
10 - 11	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis If yes, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled "Adjustments to Deferral and Variance Accounts"		Manager's Summary, p. 12
11	Propose rate riders for recovery or refund of balances that are proposed for disposition. The default disposition period is one year; if the applicant is proposing an alternative recovery period must provide explanation.		Manager's Summary, p. 15 2021 IRM Rate Generator Model, Tab 7 Appendix D
12	GA rate riders calculated on an energy basis (kWh)		Manager's Summary, p. 18 2021 IRM Rate Generator Model, Tab 6.1
3.2.5.1 Wholesale Market Participants			
11	Establish separate rate riders to recover balances in the RSVA's from Market Participants who must not be allocated the RSVA balances related to charges for which the WMP's settle directly with the IESO.		Manager's Summary, p. 15 2021 IRM Rate Generator Model, Tab 7
3.2.5.2 Global Adjustment			
12	Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP Class B customers when clearing balances from the GA Variance Account		Manager's Summary, pp. 16-18 2021 IRM Rate Generator Model, Tab 6.1
12 - 13	For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distributors are seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and explain discrepancies.		Appendix E
3.2.5.3 Commodity Accounts 1588 and 1589			
13	Confirm as part of its application that it has fully implemented the OEB's February 21, 2019 guidance effective from January 1, 2019.		Manager's Summary, p. 16
13 - 14	Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Feb. 21, 2019 accounting guidance, and provide a summary of the review performed. Distributors must also 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 of each adjustment made to the historical balances must be provided in the application.		N/A
15	Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of account balances being proposed for disposition		Appendix J
3.2.5.4 Capacity Based Recovery (CBR)			
15	Proposed disposition of Account 1580 sub-account CBR Class B in accordance with the OEB's CBR Accounting Guidance. - embedded distributors who are not charged CBR (therefore no balance in sub-account CBR Class B) must indicate this is the case for them - In the DVA continuity schedule, applicants must indicate whether they serve any Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated. - Account 1580 sub-account CBR Class A is not to be disposed through rates proceedings but rather follow the OEB's accounting guidance. - The DVA continuity schedule will allocate the portion of Account 1580 sub-account CBR Class B allocated to customers who transitioned between Class A and Class B based on consumption levels		Manager's Summary, pp. 18-19 2021 IRM Rate Generator Model, Tabs 6.2a, 6.2.

2021 IRM Checklist

ENWIN Utilities Ltd.

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Date: August 17, 2020

IRM REQUIREMENTS		Evidence Reference, Notes
3.2.6 Lost Revenue Adjustment Mechanism Variance Account		
16 - 21	LRAMVA - disposition of balance. Distributors must provide version 5 of LRAMVA Work Form in a working Excel file when making LRAMVA requests for remaining amounts related to CFF activity. An application for lost revenues should include: Participation and Cost reports in Excel format, made available by the IESO. An application for lost revenues should also provide the following: - statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition - statement confirming LRAMVA based on verified savings results supported by the distributors final CDM Report and Persistence Savings Report (both filed in Excel format) and a statement indicating use of most recent input assumptions when calculating lost revenue - summary table with principal and carrying charges by rate class and resulting rate riders - statement providing the disposition period; rationale provided for disposing the balance in the LRAMVA if one or more classes do not generate significant rate riders - statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used - rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form) - statement confirming whether additional documentation was provided in support of projects that were not included in distributors final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable) - for a distributor's streetlighting project(s) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following information: - o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS application - o Confirmation that the street light upgrades represent incremental savings attributable to participation in the IESO program, and that any savings not attributable to the IESO program have been removed (for example, other upgrades under normal asset management plans) - o Confirmation that the associated energy savings from the applicable IESO program have been removed from the LRAMVA workform so as not to double count savings (for example, if requesting lost revenue recovery for the demand savings from a street light upgrade program, the associated energy savings from the Retrofit program have been subtracted from the Retrofit total)	Manager's Summary, pp. 19-27 Appendix F, Appendix G, Appendix H
3.2.7 Tax Changes		
21	If applicable, tabs 8 and 9 of Rate Generator Model complete	N/A
21	If one or more customer classes does not generate a rate rider to the fourth decimal place, a proposal that the entire 50/50 sharing amount will be transferred to Account 1595 for disposition at a future date	N/A
3.2.8 Z-Factor Claims, Pg. 20-21		
23	Evidence that costs incurred meet criteria of need, materiality and prudence - see 3rd Generation IRM Report	N/A
23	In addition distributor must: - Notify OEB by letter of all Z-Factor events within 6 months of event (Confirm that letter is on file) - Apply to OEB for any cost recovery of amounts in OEB-approved deferral account claimed under Z-Factor treatment - Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental - Demonstrate that costs incurred within a 12-month period and are incremental to those already being recovered in rates as part of ongoing business exposure risk	N/A
3.2.8.2 Z-Factor Accounting Treatment		
23	Eligible Z-factor cost amounts recorded in Account 1572, Extraordinary Event Costs, of the OEB's USoA contained in the Accounting Procedures Handbook (APH) for electricity distributors.	N/A
23	Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate Sub-Account of this account	N/A
3.2.8.3 Recovery of Z-Factor Costs		
24	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	N/A
24	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rationale for proposal	N/A
24	Residential rider on fixed basis	N/A
24	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	N/A
3.3.1 Advanced Capital Module		
25	Evidence of passing "Means Test"	N/A
25	Information on relevant project or projects updated cost projections, confirmation that the project or projects are on schedule to be completed as planned and an updated ACM/ICM module in Excel format	N/A
25	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required as to why	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
3.3.2 Incremental Capital Module		
3.3.2.1 ICM Filing Requirements		
	The following should be provided when filing for incremental capital:	
27	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 - 28	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part, included in base rates or being funded by the expansion of service to include new customers and other load growth)	N/A
28	Details by project for the proposed capital spending plan for the expected in-service year	N/A
28	Description of the proposed capital projects and expected in-service dates	N/A
28	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	N/A
28	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
28	Description of the actions the distributor would take in the event that the OEB does not approve the application	N/A
28	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	N/A
3.3.5 Off-Ramps		
33 - 34	A distributor whose earnings are in excess of the dead band (i.e. 300 basis points) but nevertheless applies for an increase to its base rates - an explanation to substantiate its reasons for doing so required	N/A
Appendix A		
Appendix A	Confirm disposition of residual balances for vintage Account 1595 have only been done once - distributors expected to seek disposition of the balance a year after a rate rider's sunset date has expired. No further dispositions of these accounts are generally expected unless justified by the distributor	N/A
Appendix A & Page 5	Distributors who meet the requirements for disposition of residual balances of Account 1595 sub-accounts, must complete the 1595 Analysis Workform. Account 1595 sub-accounts are eligible for disposition when one full year has elapsed since the associated rate riders' sunset dates have expired and the residual balances have been externally audited.	N/A
Appendix A	Material residual balances will require further analysis, consisting of separating the components of the residual balances by each applicable rate rider and by customer rate class. Distributors are expected to provide detailed explanations for any significant residual balances attributable to specific rate riders for each customer rate class. Explanations must include for example, volume differences between forecast volumes (used to calculate the rate riders) as compared to actual volumes at which the rate riders were billed.	N/A

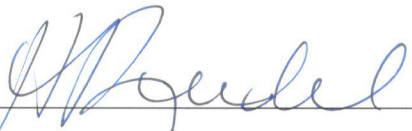
Appendix J

Certification of Evidence

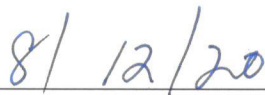
Certification of Evidence

As part of the Chapter 3 Filing Requirements issued on May 14, 2020, an application filed with the Ontario Energy Board must include a certification that the 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.

I, Helga Reidel, President and CEO of ENWIN Utilities Ltd. ("ENWIN") 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 and CEO



Date