

August 7, 2020

Ontario Energy Board
2300 Yonge Street
P.O. Box 2319
Suite 2700
Toronto, ON M4P 1E4

Dear Ms. Walli:

**Re: Elexicon Energy Inc. – Whitby Rate Zone
2021 Annual IR Index Distribution Rate Application
OEB File No: EB-2020-0012**

In the Decision and Order EB- 2018-0236, dated December 20, 2018, the Ontario Energy Board granted approval for Whitby Hydro Electric Corporation and Veridian Connections Inc. to amalgamate and continue operations as a single electricity distribution company. The merge was effective April 1, 2019. The amended licence ED-2019-0128 was issued April 2, 2019. As described in EB-2018-0236, Elexicon Energy will continue to file annual mechanistic rate applications during the 10-year Cost of Service deferral period for each rate zone.

Please find attached Elexicon Energy - Whitby Rate Zone's 2021 Annual IR Index Distribution Rate Application. The application includes an electronic filing through the Board's web portal (RESS) and is comprised of:

- Complete copy of the application in PDF form
- Excel version of the IRM Checklist
- Excel version of the 2020 IRM Rate Generator model
- Excel version of the GA Analysis Work Form
- Excel version of the Account 1595 Analysis Work Form
- Excel version of the LRAMVA Work Form
 - 2011-2015 LDC CDM Program Persistence Results
 - 2017 Final Verified Annual LDC CDM Program Results
 - 2018 Participation & Cost Report



This application is respectfully submitted in accordance with the prescribed filing guidelines as outlined by the Board. Please contact me if you have any questions.

Sincerely,

Susan Reffle
Manager, Regulatory Affairs
Elexicon Energy Inc.



Whitby Hydro
Electric Corporation

Elexicon Energy Inc. Whitby Rate Zone



2021

Annual IR Index Distribution Rate Application

EB-2020-0012 | August 7, 2020



Elexicon Energy Inc.

2021 Annual IR Index Distribution Rate Application

Elexicon Energy Inc. – Whitby Rate Zone



Table of Contents – Whitby Rate Zone

3.1 Application Introduction	4
Table 1: Total 2021 Bill Impacts by Customer Class:	7
Manager's Summary.....	8
3.1.2 Components of the Application Filing	8
Contact Information.....	8
Rate Generator Model & Supplementary Work forms.....	8
2020 Current Tariff Sheet.....	9
Supporting Documentation Cited within Application	9
Who is affected by the Application	9
Public Notice.....	9
Accuracy of the billing determinants.....	9
2021 IRM Checklist.....	9
3.2 Elements of the Price Cap IR and the Annual IR Index Plan.....	9
3.2.1 Annual Adjustment Mechanism	9
3.2.1.1 Application of the Annual Adjustment Mechanism	10
3.2.2 Revenue-to-Cost Ratio Adjustment	10
3.2.3 Rate Design for Residential Electricity Customers.....	10
3.2.4 Electricity Distribution Retail Transmission Service Rates.....	10
3.2.5 Review and Disposition of Group 1 Deferral and Variance Account Balances .	11
Table 2: RRR Reconciliation.....	12
Table 3: 1595 (2016)	13
Table 4: 1595 (2017)	13
Table 5: 1595 (2016) Total Group 1 Balances excluding GA	13
3.2.5.1 Wholesale Market Participants	14
3.2.5.2 Global Adjustment	14
Table 6: GA Analysis Workform Summary	15
3.2.5.3 Commodity Accounts 1588 and 1589.....	16



3.2.5.4 Capacity Based Recovery (CBR).....	18
3.2.6 LRAM Variance Account (LRAMVA).....	19
Table 7: LRAMVA Disposition Summary	21
Table 8: Proposed LRAMVA Rate Rider – Disposition of 2018 LRAMVA	21
3.2.7 Tax Changes	21
Table 9: Tax Sharing Analysis	22
3.2.8 Z-factor Claims	23
3.3 Elements Specific only to the Price Cap IR Plan	23
3.3.1 Advanced Capital Module	23
3.3.2 Incremental Capital Module	23
3.3.3 Treatment of Costs for ‘eligible investments’	23
3.3.4 Conservation and Demand Management Costs for Distributors	23
3.3.5 Off-ramps.....	24
3.4 Specific Exclusions from Applications	24
Bill Impacts.....	24
Table 10:Total 2021 Bill Impacts by Customer Class	24
List of Appendices.....	26



1 3.1 Application Introduction

2 **IN THE MATTER OF** the Ontario Energy Board Act, 1998,
3 being Schedule B to the Energy Competition Act, 1998, S.O.
4 1998, c.15;

5 **AND IN THE MATTER OF** an Application by Elexicon Energy Inc. - Whitby Rate Zone to
6 the Ontario Energy Board for an Order or Orders
7 approving or fixing just and reasonable rates and other service
8 charges for the distribution of electricity as of January 1, 2021.

9 Title of Proceeding: An application by Elexicon Energy Inc. - Whitby Rate Zone for an
10 Order or Orders approving or fixing just and reasonable
11 distribution rates and other charges, effective January 1, 2021.

12 Applicant's Name: Elexicon Energy Inc. - Whitby Rate Zone

13 Applicant's Address for Service: 100 Taunton Road East
14 Whitby, Ontario
15 L1N 5R8
16 Attention: Susan Reffle
17
18 Telephone: (905) 427-9870 x 4262
19 E-mail: sreffe@elexiconenergy.com

20 1. Introduction

21 (a) In Decision and Order EB- 2018-0236, dated December 20, 2018, the Ontario Energy Board
22 granted approval for Whitby Hydro Electric Corporation and Veridian Connections Inc. to
23 amalgamate and continue operations as a single electricity distribution company. The merge was
24 effective April 1, 2019. The amended licence ED-2019-0128 was issued April 2, 2019. As
25 described in EB-2018-0236, Elexicon Energy Inc. was granted a 10-year deferred rebasing
26 period. This will be accomplished by maintaining two separate rate zones Elexicon Energy Inc. –
27 Whitby and Elexicon Energy Inc. – Veridian until rates are re-based.

28 (b) Elexicon Energy Inc. - Whitby Rate Zone ("the Applicant" or "EW") hereby applies to the Ontario
29 Energy Board (the "OEB" or the "Board") pursuant to Section 78 of the Ontario Energy Board Act,



1998 (the “OEB Act”) for approval of its proposed distribution rates and other charges, effective January 1, 2021, pursuant to the Board’s Annual Incentive Rate Index rate-setting methodology (“Annual IR Index”)

2. Proposed Distribution Rates and Other Charges

The Schedule of 2021 Rates and Charges proposed in this Application is identified in Appendix C.

3. Proposed Effective Date of Rate Order

EW requests that the OEB make its Rate Order effective January 1, 2021.

EW requests that the existing rates be made interim commencing January 1, 2021 in the event that there is insufficient time for:

- The Board to issue a draft rate order
- The Applicant to review and comment on the draft rate order
- The Board to issue a final Decision and Order in this application for the implementation of the proposed rates and charges as of January 1, 2021.

EW also requests to be permitted to recover the incremental revenue from the effective date to the implementation date if the dates are not aligned.

4. Form of Hearing Requested

EW respectfully requests that this application be decided by way of a written hearing.

5. Relief Sought

EW hereby applies for an Order or Orders approving the proposed distribution rates for all rate classes updated and adjusted in accordance with Chapter 3 of the Filing Requirements dated May 14, 2020 including the following:

- (a) An adjustment to the approved Retail Transmission Service Rates (“RTSRs”) as provided in the Guideline G-2008-0001 – Electricity Distribution Retail Transmission Service Rates (dated October 22, 2008) and subsequent revisions and updates to the Uniform Transmission



Rates (“UTRs”) and as supported by the completion of the related sections of the Board issued 2021 Rate Generator Model.

(b) The continuation of currently approved rates for:

- Smart Metering Entity Charge until December 31, 2022;
- Low Voltage Service Rates

(c) The transfer of a credit amount of \$50,172 to subaccount 1595. This amount is associated with the 50/50 sharing of the impact of currently known legislated tax changes as per the Filing Requirements and as calculated in the 2021 Rate Generator Model;

(d) Rate riders to address the disposition of LRAMVA account 1568 for \$398,061. In this application EW is proposing to dispose of the impact of 2018 CDM Programs in 2018 and the persistence of 2011 to 2017 CDM Programs in 2018.

(e) The establishment of rate riders associated with the final disposition of the following deferral and variance accounts:

- Group 1 accounts as identified by the Report of the Board on Electricity Distributors’ Deferral and Variance Account Review Initiative dated July 31, 2009 (the “EDDVAR report”) and any subsequent additions to the listing of accounts identified by the Board in the Filing Requirements.

The disposition requested reflects principal balances as at December 31, 2019 plus any adjustments identified in this application along with the carrying charges projected to December 31, 2020.



1 **6. Bill Impact**

2 **Table 1: Total 2021 Bill Impacts by Customer Class:**
2021 Bill Impact Summary

Customer Class	kWh (1)	kW	RPP Price (2)	Distribution Charges-A excl. pass-through (3a)		Distribution Charges-B incl. pass-through (3b)		Delivery Charges (4)		Total Bill (5)	
				\$ Change	% Change	\$ Change	% Change	\$ Change	% Change	\$ Change	% Change
Residential	750		RPP TOU	\$ 0.30	0.93%	\$ (1.43)	-3.74%	\$ (1.90)	-3.80%	\$ (1.54)	-1.27%
GS<50 kW	2,000		RPP TOU	\$ 1.18	1.74%	\$ (3.02)	-3.69%	\$ (4.07)	-3.67%	\$ (3.30)	-1.08%
GS>50 kW	40,000	100	Non-RPP	\$ 10.45	1.66%	\$ (12.36)	-1.36%	\$ (34.31)	-2.37%	\$ (38.77)	-0.48%
Unmetered Scattered Load	500		RPP Tier	\$ 0.34	1.31%	\$ (0.71)	-2.43%	\$ (0.97)	-2.67%	\$ (0.79)	-0.95%
Sentinel Lights	150	1	RPP Tier	\$ 0.30	1.39%	\$ 0.30	1.34%	\$ 0.13	0.49%	\$ 0.11	0.28%
Street Lighting	283,400	736	Non-RPP	\$ 2,393.04	7.55%	\$ 2,327.08	6.92%	\$ 2,203.88	6.01%	\$ 2,490.38	2.77%

Notes:

- (1) The residential standard used for illustrative purposes is 750 kWh per EB-2016-0153
(2) RPP Pricing effective June 1 2020
Non-RPP assumes a weighted average price including Class B Global Adjustment (IESO's Monthly Market Report for May 2020)
RPP TOU assumes average consumption of Off-peak (64%), Mid-peak (18%) and On-peak (18%) .
(3a) Distribution Charges-A includes Distribution Monthly Service Charge and LRAMVA
(3b) Distribution Charges-B includes those described in note 3(a) plus pass-through charges such as low voltage as well as Line Losses and the Smart Meter Entity Charge and DV rate riders
(4) Delivery Charges include all Distribution Charges (per notes 3a and 3b) plus Transmission Service Charges
(5) Total Bill includes all Delivery Charges noted above plus commodity cost, regulatory costs (ie. wholesale market service, CBR, rural rate protection and standard supply service) and HST and the 31.8% Ontario Electricity Rebate

4 DATED at Whitby, Ontario, this 7th day of August, 2020

5 All of which is respectfully submitted,

6
7 Susan Reffle,
8 Manager, Regulatory Affairs
9 Elexicon Energy



Manager's Summary

3.1.2 Components of the Application Filing

On May 14, 2020, the Ontario Energy Board (the “OEB” or the “Board”) issued a letter to all electricity distributors outlining the filing requirements for incentive regulation distribution rate adjustments and provided an update to Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications (the “Filing Requirements”).

Accordingly, EW submits its 2021 Distribution Rate Application consistent with the filing guidelines issued by the Board under the Annual IR Index rate setting option.

EW's most recent cost of service application was filed with the Board for 2010, however the rate process eventually concluded with a complete settlement agreement which reset rates on a calendar based rate year, beginning January 1st, 2011. On this basis, the 2021 Rate Model indicates 2011 as the last cost of service year.

The following details of EW's rate application are noted below:

Contact Information

The primary contacts for the application are

Susan Reffle
Manager, Regulatory Affairs
Elexicon Energy
905-427-9870 x4262
sreffle@elexiconenergy.com

Rate Generator Model & Supplementary Work forms

EW has used the following Board issued models:

- 2021 IRM Rate Generator Model
- GA Analysis Work Form
- Account 1595 Analysis Work Form
- LRAMVA Work Form Version 5.0

All models will be submitted in both excel and PDF.



1 **2020 Current Tariff Sheet**

2 Appendix B contains the approved 2020 Tariff Sheet dated December 12, 2019 from EB-2019-0130. The
3 rates and charges within the tariff sheet provide the basis for the starting point from which the 2021 rates
4 and charges are calculated using the Board's 2021 IRM model. Copies of the current and proposed tariff
5 sheets and customer bill impacts are included in this Application (Appendices B, C and D respectively).

6 **Supporting Documentation Cited within Application**

7 EW has committed to citing the supporting documentation throughout the application.

8 **Who is affected by the Application**

9 EW services the Town of Whitby, Village of Brooklin, hamlets of Ashburn and Myrtle by distributing
10 electricity to over 43,000 residential and commercial customers (including general service, unmetered
11 scattered loads, sentinel light and street light customer classes) within its regulated service area.

12 **Public Notice**

13 EW's application and related documents will be made available on the website:
14 www.elexiconenergy.com

15 **Accuracy of the billing determinants**

16 For the pre-populated sheet (Sheet 4) of the 2021 Rate Model, EW confirms the accuracy of the billing
17 determinants.

18 **2021 IRM Checklist**

19
20 The 2021 IRM Checklist has been included with this application as Appendix I

21 **3.2 Elements of the Price Cap IR and the Annual IR Index Plan**

22 **3.2.1 Annual Adjustment Mechanism**

23 The annual adjustment follows an OEB-approved formula that includes components for inflation and the
24 OEB's expectations of efficiency and productivity gains. EW has reviewed the Filing Requirements which
25 indicate that the 2021 Rate Model will be populated with the 2020 rate-setting parameters as a
26 placeholder until the stretch factor assignment and inflation factor for 2021 are issued by the Board. EW



has chosen the Board's Annual IR Index rate-setting methodology and has therefore adjusted the 2021 Rate Model to apply the highest stretch factor of 0.6% as per the Filing Requirements.

3.2.1.1 Application of the Annual Adjustment Mechanism

The annual adjustment mechanism applies to distribution rates (fixed and variable charges) uniformly across customer rate classes. The annual adjustment mechanism will not be applied to other components of delivery rates.

3.2.2 Revenue-to-Cost Ratio Adjustment

EW has completed all requirements from a previous Board decision (EB-2009-0274) to phase in any revenue-to-cost ratio adjustments. As a result, there are no further requirements for adjustments in the 2021 rate application.

3.2.3 Rate Design for Residential Electricity Customers

EW incorporated the final phase of the transition to a fully fixed monthly distribution service charge in its 2019 rate application EB-2018-0079. As a result, there are no further transition adjustments in the 2021 rate application for rate design.

3.2.4 Electricity Distribution Retail Transmission Service Rates

The Board's last Revision to *Guideline G-2008-0001 – Electricity Distribution Retail Transmission Service Rates (the "RTSR Guideline")* was issued on June 28, 2012. The Board communicated that it will no longer update the RTSR Guideline unless significant changes are made to the methodology used to calculate the RTSRs. The RTSR Guideline requires distributors to adjust their proposed RTSRs based on a comparison of historical transmission costs adjusted for the new Ontario Uniform Transmission Rates ("UTR") and revenue generated under existing RTSRs. Board Staff has included RTSR worksheets within the 2021 Rate Model and included the most current rates. The most recent RTSR Guideline indicates that once new UTRs or Hydro One Networks Inc ("Hydro One") sub-transmission rates are determined, Board Staff will adjust each distributor's IRM rate application to incorporate any change.

EW has populated the model with the required historical data and requests that the Board update EW's 2021 rate application to incorporate approved 2021 UTRs and sub-transmission rates if they become



1 available (or the most current draft data available/requested for 2021 should they not be approved at the
2 time of EW's Decision).

3 ***3.2.5 Review and Disposition of Group 1 Deferral and Variance Account Balances***

4 EW has completed the continuity schedule in the 2021 Rate Model related to Group 1 Deferral and
5 Variance Accounts (DVA) and confirms the accuracy of the pre-populated billing determinants. EW's last
6 disposition of Group 1 account balances was in the 2018 IRM application (EB-2017-0085 / EB-2017-
7 0292) which was based on 2016 balances. In keeping with the model instructions, the continuity starts
8 with the balances as per the date for which approval was last received (ie. 2016 closing balances). No
9 adjustments have been made to any deferral and variance account balances previously approved by the
10 OEB on a final basis.

11 The account balances in Tab 3 of the Continuity Schedule of the rate generator model differ from the
12 account balances in the trial balance as reported through RRR. The variance in column BW is reconciled
13 as follows:



1 **Table 2: RRR Reconciliation**

Account Descriptions	Account #	Note 1		Note2	Column BW Variance RRR vs. 2019 Balance (Principal + Interest)
		Unbilled to Actual billed revenue differences	CT 148 True Up	CT1142 True Up LRAMVA adjustment	
LV Variance Account	1550				0
Smart Metering Entity Charge Variance Account	1551				0
RSVA - Wholesale Market Service Charge	1580				0
Variance WMS – Sub-account CBR Class A	1580				0
Variance WMS – Sub-account CBR Class B	1580				0
RSVA - Retail Transmission Network Charge	1584				0
RSVA - Retail Transmission Connection Charge	1586				0
RSVA - Power	1588	165,515		186,786	352,301
RSVA - Global Adjustment	1589	86,592	120,184		206,776
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595				0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595				0
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595				0
Disposition and Recovery/Refund of Regulatory Balances (2017)	1595				0
Disposition and Recovery/Refund of Regulatory Balances (2018)	1595				0
RSVA - Global Adjustment	1589	86,592	120,184	0	206,776
Total Group 1 Balance excluding Account 1589 - Global Adjustment		165,515	0	186,786	352,301
Total Group 1 Balance		252,107	120,184	186,786	559,078
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	0	0	277,405
Total including Account 1568		252,107	120,184	186,786	836,483

Note 1: See GA Analysis Workform, Tab "Principal Adjustments"

Note 2: See Appendix A, Table 2: Portion of LRAMVA removed from the 2019 balance \$279,570 & 2020 GL Correction (\$2,165)

The Group 1 Total Claim (2019 ending balances plus any identified adjustments and projected interest) exceeds the threshold test. As a result, this application includes a disposition request for the Total Group 1 DVA balance. The disposition period requested to clear the Group 1 account balances by means of a rate rider is one year.

1595 Analysis Work Form

EW confirms that the disposition of residual balances for vintage Account 1595 have only been done once. EW selected 1595 (2016) and 1595 (2017) to be included in the Total Claim for the purposes of the threshold test because they meet the eligibility requirements for disposition. EW has completed the 1595



- 1 Analysis Workform for 1595 (2016) and 1595 (2017) and included it as Appendix G. Step 1 of the
2 Workform for each of the two years is below. Both fall within the variance threshold.

3 **Table 3: 1595 (2016)**

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/ Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/ Returns Variance (%)
Total Group 1 Balances excluding GA	-\$58,452	-\$34,531	-\$92,983	-\$68,250	-\$24,733	-\$253	-\$24,986	26.6%
Account 1589 - Global Adjustment	\$1,938,016	\$44,864	\$1,982,880	\$1,971,164	\$11,716	\$9,408	\$21,124	0.6%
Total Group 1 and Group 2 Balances	\$1,879,563	\$10,333	\$1,889,896	\$1,902,913	-\$13,017	\$9,155	-\$3,862	-0.7%

5 **Table 4: 1595 (2017)**

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/ Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/ Returns Variance (%)
Total Group 1 Balances excluding GA	\$573,868	\$14,894	\$588,762	\$551,288	\$37,474	\$4,099	\$41,574	6.4%
Account 1589 - Global Adjustment	\$56,136	\$0	\$56,136	\$56,136	\$0	\$0	\$0	0.0%
Total Group 1 and Group 2 Balances	\$630,004	\$14,894	\$644,898	\$607,424	\$37,474	\$4,099	\$41,574	5.8%

- 7 Overall, the variance in the 1595 (2016) DV account is very low (0.7) %. The Group 1 balance (excluding
8 GA) shows a variance of 26.6% which is made up of two allocated DV amounts: one for all customers
9 and the other for non-WMP only. When these two components are analyzed independently, the residual
10 balance of each is well below the 10% variance threshold that would require further analysis and
11 explanation. A chart has been provided below.

12 **Table 5: 1595 (2016) Total Group 1 Balances excluding GA**

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Group 1 Balances excluding GA	\$646,328	-\$23,015	\$623,313	\$640,139	-\$16,825	-\$253	-\$17,078	-2.7%
Group 1 Balances excluding GA non -WMP	-\$704,781	-\$11,516	-\$716,297	-\$708,388	-\$7,908	\$0	-\$7,908	1.1%
Total Group 1 Balances excluding GA	-\$58,452	-\$34,531	-\$92,983	-\$68,250	-\$24,733	-\$253	-\$24,986	26.6%



3.2.5.1 Wholesale Market Participants

EW has followed the approach identified in the Filing Requirements to address wholesale market participants (WMP). Since WMP customers settle commodity and market-related charges with the IESO, EW has not allocated any balances to these customers related to the Wholesale Market Service Charge, WMS Sub-Account CBR Class B, Power or Global Adjustment. The rate riders have been appropriately calculated for the remaining charges that the WMP settles with EW.

3.2.5.2 Global Adjustment

Class B and A Customers

EW's 2021 Rate Generator model has established a separate rate rider that would apply prospectively to non-RPP Class B customers. The billing determinant and all the rate riders for the GA are calculated on an energy basis (kWh) regardless of the billing determinant used for distribution rates for the particular class.

The Rate Generator model has allocated the portion of Account 1589 GA to customers who transitioned between Class A and Class B based on customer specific consumption levels. All transition customers will only be responsible for the customer specific amount allocated to them. They will not be charged the general GA rate rider. Customers will be charged in a consistent manner for the entire rate rider period until the sunset date.

In its 2019 rate application (EB-2018-0079), Whitby Hydro Electric Corporation ("WH") did not request a disposition of Group 1 balances as they were below the threshold test. However, WH requested and received approval to dispose of the share of the 2017 GA balance relating to those customers who had transitioned from Class B to Class A in 2017. This ensured that those transitioning customers had the financial implications of their pre-transition period addressed on a timely basis. It also reduced the risk of intergenerational and cross-subsidization concerns, should those customers move out or no longer operate in WH's service area in future years when the next regular Group 1 dispositions were triggered.

As a result of the approach taken in WH's 2019 rate application, customers who had transitioned in 2017 were reviewed separately. Information provided in this application and the rate generator model has been appropriately adjusted to ensure that those customers who had already been assigned a portion of 2017 GA balances, were not burdened twice during the 2019 balance disposition. This was addressed as follows:



- The eleven customers who transitioned from Class B to Class A in 2017 were reviewed to determine if they remained as Class A customers during the 2018 and 2019 periods.
 - The ten customers who remained Class A up to the end of 2019, were not included in section 3a of *Tab 6. Class A Consumption Data* of the rate generator model. For section 3b, their full year consumption and demand was included in 2017 (as well as the 2018 and 2019 years).
 - There was one customer who transitioned to Class A in 2017, but shifted back to Class B in 2018. This customer (Customer 7) was included in section 3a of Tab 6 of the rate generator model. However, for 2017 they were identified as Class A for the full year to avoid any duplication of costs being assigned to them for their 2017 consumption. For section 3b, their full year consumption and demand was included in 2017.

EW proposes that this approach is reasonable and ensures fair and equitable treatment in light of WH's decision for 2019 rates (EB-2019-0079).

GA Analysis Work Form

EW has completed the GA Analysis Work Form ("GA Workform") to assist in assessing the reasonability of balances in account 1589 for 2017, 2018 and 2019 (see Appendix F).

The 2017 through 2019 analysis tab (note 5) provides a reconciliation which demonstrates that any unresolved differences are extremely small and well within a range of reasonability given the large dollar value transactions that flow through account 1589. The summary from the Information Sheet of the GA Work Form is below:

Table 6: GA Analysis Workform Summary

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
2017	\$ 459,784	\$ 675,912	\$ (216,166)	\$ 459,747	\$ (38)	\$ 28,467,800	0.0%
2018	\$ (348,047)	\$ (545,705)	\$ 203,587	\$ (342,118)	\$ 5,929	\$ 23,239,533	0.0%
2019	\$ 530,312	\$ 423,335	\$ 106,266	\$ 529,601	\$ (712)	\$ 26,301,176	0.0%
Cumulative Balance	\$ 642,050	\$ 553,542	\$ 93,687	\$ 647,229	\$ 5,180	\$ 78,008,510	

The 2017 through 2019 reconciliation amounts in Note 5 are consistent with the principal adjustments in Tab 3 of the 2021 Rate Generator Model (columns AL (2017) and AV (2018) and BF (2019)).



EW notes that the GA Workform picks up retail billed consumption for both revenue and cost for the purpose of estimating the expected GA. As per the OEB Accounting Guidance, the cost side should be adjusted for unaccounted for energy (UFE). A reconciling item is necessary in 2019 (see Note 5, #6) to adjust the Expected GA amount so that it reflects revenue (retail kWh x 1st estimate) and cost (UFE adjusted retail kWh x actual GA rate) to align with the general ledger transactions.

3.2.5.3 Commodity Accounts 1588 and 1589

New Accounting Guidance

On February 21, 2019, the OEB issued its letter entitled *Accounting Guidance related to Accounts 1588 RSVA Power and 1589 RSVA Global Adjustment* as well as the related accounting guidance (“accounting guidance”). The accounting guidance was effective January 1, 2019 and was to be implemented by August 31, 2019. Distributors are expected to consider the accounting guidance in the context of historical balances that have yet to be disposed on a final basis,

EW addressed the accounting guidance in its 2020 IRM Rate Application (EB-2019-0130). EW did a fulsome review of its existing processes against the accounting guidance for both 2019 year-to-date and historical year (2018), with a specific objective to assess and compare the final outcome of EW’s method with the OEB’s guidance to determine whether there are any material differences.

EW’s conclusions of the 2019 review are summarized below:

- EW identified that the difference in outcomes using EW methodology as compared to OEB methodology relates to the allocation of UFE between RPP and Non-RPP.
- EW adopted reasonable modifications to existing processes to eliminate the effects of any differences in outcomes starting in 2019
- EW compared historical data (2018) and determined that the differences in outcomes were below the materiality threshold (as outlined in the OEB’s guidance), and as a result, no historical adjustments were required.
- EW will incorporate any adjustments related to impacts of timing differences for 2019 going forward into continuity schedules in future rate applications.

The EB-2019-0130 OEB decision dated December 12, 2019 stated the following regarding the Accounting Guidance:



1 ***“The OEB finds that the account balances, are reasonable and confirms that the threshold***
2 ***calculation is correct. No disposition is required at this time, as the disposition threshold***
3 ***has not been exceeded and the utility did not request disposition.***

4 ***The OEB approves final disposition of the 2017 GA amounts for the transitioning Class A***
5 ***customers that were approved on an interim basis in Elexicon Energy - Whitby RZ’s 2019***
6 ***rate year proceeding***

7 ***OEB finds that the implementation of the February 21, 2019 accounting guidance is***
8 ***mandatory. However, given the special circumstances of integrating the operations of the***
9 ***two merged distributors’ rate zones, OEB will approve an extension for the implementation***
10 ***of the accounting guidance to align with the implementation date of the new integrated CIS***
11 ***system.”***

12 EW has continued to use its existing approach with the modifications as outlined in its 2020 rate
13 application and associated documents filed through that application process. Elexicon’s project to
14 integrate its legacy rate zone’s CIS systems was planned during 2020, however, the project has
15 experienced some minor delays triggered by the COVID-19 environment which has affected the timing of
16 coordinated activities with the IESO as the provincial MDMR. Elexicon still plans to have the CIS project
17 completed later in 2020.

18 EW is requesting final disposition of Commodity Account 1588 and 1589 for the year ended December
19 31, 2019 (plus projected interest). EW does so based on:

- 20 1) The review of historical balances that was provided in EB-2019-0130 is consistent with the
21 Chapter 3 filing requirements:

22 Distributors are also expected to consider this accounting guidance in the context of historical pre-
23 2019 balances that have yet to be disposed on a final basis. In order to request final disposition of
24 these historical balances as part of the current application, distributors must provide confirmation
25 that these historical balances have been considered and provide a summary of the review
26 performed. Distributors must also discuss the results of the review, whether any systemic issues
27 were noted, and whether any material adjustments to the account balances have been recorded. A
28 summary and description of each adjustment made to the historical balances must be provided in
29 the application.



The balances of this review were found be reasonable by the OEB in its decision as outlined on page 16-17.

2) As per the filing requirements, EW has reviewed the balances in the context of the new accounting guidance and is confident that there are no systemic issues with their RPP settlement and related accounting processes. Modifications to existing processes were made in 2019 to eliminate the effects of any differences in outcomes between EW's approach and that of the OEB's accounting guidance. This was outlined fully in EB-2019-0130. As applicable, any adjustments related to the impacts of timing differences have been incorporated in to the continuity schedule.

3) The extension granted by the OEB to defer any additional CIS modifications and process changes to more closely align with the OEB's 1588/1589 accounting guidance. The timing of the alignment will take place as part of the transition to the new integrated CIS system (tentatively scheduled for late 2020)

Certification of Evidence- Commodity Accounts 1588 and 1589

EW confirms sound processes and internal controls are in place for the preparation, review, verification and oversight of the deferral and variance account balances. A Certification of Evidence has been included in Appendix H consistent with the certification requirements in Chapter 1 of the filing requirements.

3.2.5.4 Capacity Based Recovery (CBR)

EW has followed the approach identified in the Filing Requirements to address the disposition of CBR variances. A separate rate rider has been calculated in Tab 6.2.CBR B in the Rate Generator model to dispose the balance over the default period of one year. The Rate Generator model allocated the portion of Account 1580, Sub-account CBR Class B to customers who transitioned between Class A and Class B based on customer specific consumption levels. All transition customers will only be responsible for the customer specific amount allocated to them. They will not be refunded the general CBR Class B rider.



3.2.6 LRAM Variance Account (LRAMVA)

EW has included a request for the disposition of LRAMVA (1568) balances as part of this application. The full LRAMVA application, including information detailing the LRAMVA claim and the supporting schedules, is included as Appendix A and A-1.

EW provides the following statements regarding the LRAMVA disposition request.

- EW is proposing to dispose of the impact of 2018 CDM Programs in 2018 and the persistence of 2011 to 2017 CDM Programs in 2018. The total principal claim amount is \$381,830 plus projected interest to 2020 for a total claim amount of \$398,061. The period of recovery will be one year.
- EW confirms that LRAMVA was based on verified savings results that are supported by EW's *Final CDM Annual Report and Persistence Savings Report* (for 2017) issued by the IESO. The Excel spreadsheets have been submitted with this application via the OEB RESS portal. For 2018 EW has relied on the Participation and Cost Reports made available by the IESO and also filed in excel format with this application.
- EW has relied on the most recent input assumptions available at the time of program evaluation
- There are no OEB approved programs included in the lost revenue calculations.
- There was no CDM adjustment in the approved load forecast in EW's last cost of service application (EB-2009-0274).
- In its calculations, EW has not applied for any LRAMVA associated with Demand Response Programs consistent with the OEB's *Report of the OEB: Update Policy for the Lost Revenues Adjustment Mechanism calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs*.
- EW has used the sector classification provided by the IESO as the basis for allocation to rate classes of CDM program results. The only exception is equipment replacement and retrofit programs in the new framework. For these programs EW estimated the split by rate class by drawing on participant-specific information. See tab 3a of the LRAMVA Work Form.



- 1 • As explained in Appendix A, EW has included additional data to support the LRAMVA for the
2 Town of Whitby Street Lighting project's demand savings which are not included in the Final CDM
3 Annual Report. Billing data by project is included in Tab 8 of the LRAMVA Work Form. EW
4 confirms the following regarding Street Lighting savings:
 - 5 ○ EW calculates the gross demand savings based on the wattage difference between old
6 and new lighting technology for each street light retrofitted each month
 - 7 ○ The Town of Whitby undertook an LED upgrade for streetlights and received incentives
8 under the IESO funded Retrofit Program
 - 9 ○ Based on program year, the net-to-gross assumptions per the IESO annual reports were
10 applied to determine the net kW reduction (savings) per month. In the absence of 2018
11 net-to-gross assumptions from the IESO, EW relied on the IESO's 2017 program
12 evaluation results.
- 13 • For the recovery of lost revenues related to demand savings from street light upgrades, EW
14 further confirms the following:
 - 15 ○ There were no forecasted demand savings from street lights built into the load forecast
16 from the last CoS application
 - 17 ○ The street light upgrades represent only incremental savings attributable to participation
18 in the IESO program. Any savings not attributable to the IESO program have been
19 removed.
 - 20 ○ The associated energy savings from the applicable IESO program have been removed
21 from the LRAMVA workform so as not to double count savings
 - 22 ○ EW has received reports from the Town of Whitby that validate the number and type of
23 bulbs replaced or retrofitted through the IESO program
 - 24 ○ Table 8 in the LRAMVA Work Form shows the detailed calculations of the change in
25 billed demand due to the street light upgrade project, including the type of fixture, number
26 of bulbs and pre and post billing wattage.



The continuity schedule of the 2021 Rate Model (Sheet 3) has been updated to include LRAMVA amounts and the requested disposition claim amount of \$398,061.

EW has used the OEB's LRAMVA Workform to support the claim for the identified Account 1568 disposition. The excel version of the workform has been included with this application and a PDF version has been included as Appendix A-1.

A summary table showing the principal and carrying charge amounts by rate class and the resultant rate riders for each rate class is below. The period of recovery is one year.

Table 7: LRAMVA Disposition Summary

Customer Class	2011-2017 Program Persistence			2018 Programs			2018 LRAMVA		
	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
Residential	84,687	3,589	88,277	9,825	428	10,252	94,512	4,017	98,529
GS<50 kW	37,569	1,798	39,368	9,789	214	10,003	47,359	2,013	49,371
GS 50-4,999 kW	135,879	6,222	142,100	27,890	741	28,632	163,769	6,963	170,732
Streetlighting	69,026	2,893	71,920	7,164	345	7,509	76,190	3,238	79,428
Total LRAM Amounts	327,161	14,503	341,664	54,668	1,728	56,396	381,830	16,231	398,061

Table 8: Proposed LRAMVA Rate Rider – Disposition of 2018 LRAMVA

1 year

Customer Class	2011-2017 Program Persistence	2018 Programs	2018 LRAMVA	Annual Recovery	Volume	Rate Rider	per
Residential	88,277	10,252	98,529	98,529	353,061,372	\$ 0.0003	kWh
GS<50 kW	39,368	10,003	49,371	49,371	89,298,040	\$ 0.0006	kWh
GS 50-4,999 kW	142,100	28,632	170,732	170,732	960,319	\$ 0.1778	kW
Streetlighting	71,920	7,509	79,428	79,428	8,981	\$ 8.8440	kW
	341,664	56,396	398,061	398,061			

3.2.7 Tax Changes

Shared Tax Savings

EW has completed the 2021 tax sharing information in the 2021 Rate Model. The incremental tax savings calculated in the model is a credit of \$100,344, of which half (\$50,172) is to be shared with EW customers. EW has relied on the OEB's model to derive appropriate tax rates for 2021 (the underlying



tax tables are embedded within the model and are not visible to the user). The resulting volumetric rate riders calculated by the model indicate amounts with low levels of materiality for several of the customer classes. While rate riders are generated, upon further review, it appears that when the low dollar amount of the disposition by customer class is converted to a rate rider, the result can produce a relatively significant discrepancy between the calculated disposition (ie. annual kWh or kW or customer multiplied by the tax change rate rider from sheet 9 of the 2021 Rate Model) and the intended tax savings (Tab 9, column E).

For clarity, a summary of the comparison by customer class has been provided below:

Table 9: Tax Sharing Analysis

2021 Tax Sharing - Analysis of Tax Sharing to Distribute vs Projected Savings Generated By Rate Riders

	Billed kWh (A)	Billed kW (B)	# Customers (C)	Tax Chg Rate Rider per kWh/kW/ Customer (D)	Calculated Amount (E=D*(A, B or C) as applicable)	Allocation of Tax Savings by Rate Class *	Diff \$ (G=E-F)	Diff% (G/F)
Residential	353,061,372		41,437	(0.06)	(\$29,835)	(\$32,011)	\$2,176	-7%
GS<50 kW	89,298,040			(0.0001)	(\$8,930)	(\$4,864)	(\$4,066)	84%
GS>50 kW	403,877,766	960,319		(0.0127)	(\$12,196)	(\$12,175)	(\$21)	0%
USL	1,834,696			(0.0002)	(\$367)	(\$302)	(\$65)	22%
Sent. Lights	30,640	86		(0.0922)	(\$8)	(\$8)	\$0	-1%
Streetlights	3,343,339	8,981		(0.0904)	(\$812)	(\$812)	\$0	0%
	851,445,853	969,386			(\$52,147)	(\$50,172)	(\$1,975)	4%

* as per OEB's 2021 Rate Generator Model

The overall difference between the intended shared savings and the calculated disposition is 4%. The calculated disposition for most rate classes produces reasonable results; however the GS < 50kW class shows a significant variance of 84% between the calculated disposition and the intended shared savings. On a smaller scale, the USL class shows a difference of 22% and the difference for Residential is -7%.

Given that implementation of the calculated rate riders would not produce the intended results for all rate classes due to the low materiality level of the disposition amounts by customer classes combined with the rounding aspect of the rate riders, EW proposes that it be allowed to record the total amount to be



1 refunded in account 1595. This approach is consistent with EW's recommendations and the Board's
2 approvals in EW's 2013 - 2020 rate applications. The Filing Requirements also suggest support of this
3 approach in Appendix B, *Treatment of Negligible Rate adders and Rate riders*, where it is indicated that
4 rate riders that do not produce the intended results, can be addressed through alternative approaches.

5 Further, this approach will help to ensure that customers more fully receive the appropriate share of the
6 tax savings as the amount will be disposed of in a future rate setting process, at a time when sufficient
7 balances have accumulated to ensure that the intended disposition results are more closely achieved.

8 Bill C-97 CCA Rule Change

9 As per the OEB's July 25, 2019 letter, EW has recorded the impacts of CCA rule changes in Account
10 1592 - PILs and Tax Variances – CCA Changes effective November 21, 2018. EW will bring forward the
11 amounts tracked in this account for review and disposition at Elexicon Energy's next cost-based rate
12 application or as part of a stand-alone application.

13 **3.2.8 Z-factor Claims**

14 EW has not included a Z-Factor claim in this application.

15 **3.3 Elements Specific only to the Price Cap IR Plan**

16 **3.3.1 Advanced Capital Module**

17 EW has not requested rate relief through an ACM in this application.

18 **3.3.2 Incremental Capital Module**

19 EW has not requested rate relief through an ICM in this application.

20 **3.3.3 Treatment of Costs for 'eligible investments'**

21 EW does not have any eligible investments for which it requests rate protection.

22 **3.3.4 Conservation and Demand Management Costs for Distributors**

23 EW does not have any OEB-approved CDM programs.



3.3.5 Off-ramps

Elexicon Energy Inc. (“Elexicon”) does not have an OEB approved return on equity (ROE), however, a weighted approach has been used to derive an OEB-approved ROE proxy. Elexicon’s earnings for 2019 are reflective of nine months of earnings. Based on an annualized proxy, Elexicon’s return on equity (ROE) is not in excess of the dead band of +/- 300 basis points from the OEB-approved ROE proxy.

3.4 Specific Exclusions from Applications

EW has not included any of the identified examples of specific issues identified for exclusion from a Price Cap IR.

Bill Impacts

A summary of the Bill Impacts are as follows:

Table 10: Total 2021 Bill Impacts by Customer Class
2021 Bill Impact Summary

Customer Class	kWh (1)	kW	RPP Price (2)	Distribution Charges-A excl. pass-through (3a)		Distribution Charges-B incl. pass-through (3b)		Delivery Charges (4)		Total Bill (5)	
				\$ Change	% Change	\$ Change	% Change	\$ Change	% Change	\$ Change	% Change
Residential	750		RPP TOU	\$ 0.30	0.93%	\$ (1.43)	-3.74%	\$ (1.90)	-3.80%	\$ (1.54)	-1.27%
GS<50 kW	2,000		RPP TOU	\$ 1.18	1.74%	\$ (3.02)	-3.69%	\$ (4.07)	-3.67%	\$ (3.30)	-1.08%
GS>50 kW	40,000	100	Non-RPP	\$ 10.45	1.66%	\$ (12.36)	-1.36%	\$ (34.31)	-2.37%	\$ (38.77)	-0.48%
Unmetered Scattered Load	500		RPP Tier	\$ 0.34	1.31%	\$ (0.71)	-2.43%	\$ (0.97)	-2.67%	\$ (0.79)	-0.95%
Sentinel Lights	150	1	RPP Tier	\$ 0.30	1.39%	\$ 0.30	1.34%	\$ 0.13	0.49%	\$ 0.11	0.28%
Street Lighting	283,400	736	Non-RPP	\$ 2,393.04	7.55%	\$ 2,327.08	6.92%	\$ 2,203.88	6.01%	\$ 2,490.38	2.77%

Notes:

(1) The residential standard used for illustrative purposes is 750 kWh per EB-2016-0153

(2) RPP Pricing effective June 1 2020

Non-RPP assumes a weighted average price including Class B Global Adjustment (IESO’s Monthly Market Report for May 2020)

RPP TOU assumes average consumption of Off-peak (64%), Mid-peak (18%) and On-peak (18%) .

(3a) Distribution Charges-A includes Distribution Monthly Service Charge and LRAMVA

(3b) Distribution Charges-B includes those described in note 3(a) plus pass-through charges such as low voltage as well as Line Losses and the Smart Meter Entity Charge and DV rate riders

(4) Delivery Charges include all Distribution Charges (per notes 3a and 3b) plus Transmission Service Charges

(5) Total Bill includes all Delivery Charges noted above plus commodity cost, regulatory costs (ie. wholesale market service, CBR, rural rate protection and standard supply service) and HST and the 31.8% Ontario Electricity Rebate



1 The total bill impacts proposed range from -1.27% to 2.77% for average customers in each class.

2 Key impacts to the overall bill are summarized as:

- 3 • Distribution charges reflect an inflationary increase for the annual price cap index of 1.4%
- 4 • Network and Connection Service Rates decreased by ~4% for all customer classes due to a
- 5 decrease in forecasted wholesale costs
- 6 • A total Group 1 disposition claim of \$(1,477,750) and resulting rate riders
- 7 • Newly proposed disposition rate riders for lost revenue (LRAMVA) are mostly offset by the
- 8 expiration of 2020 LRAMVA rate riders, with the exception of Street Lighting. Street Lighting bill
- 9 comparisons are affected by the higher level of lost revenue (\$20K), coupled with the effects of
- 10 applying historical rate riders against the lower billing determinants (kW) generated by the
- 11 conservation efforts.

12 Copies of the current and proposed tariff sheets and EW's calculated customer bill impacts are included
13 in this Application (Appendices B, C and D respectively). The proposed tariffs sheet reflects rates
14 calculated in the 2021 Rate Model with a few exceptions:

- 15 • Shared Tax Savings rate riders have been removed (reflecting the proposed transfer to Account
- 16 1595)
- 17 • The Notice of Switch Letter charge has been changed to \$2.08 from \$2.04 as it does not appear
- 18 as though the inflation factor was applied in the IRM Rate Generator Model
- 19 • Removal of GA, CBR and DV calculated rate riders from the Sentinel Light customer class which
- 20 reflect disposition values of less than \$70 in total. This amount was deemed to be immaterial.
- 21 The cost to set up and track these rate riders would exceed the value of doing so.

22

23



1 **List of Appendices**

2	Appendix A	LRAMVA Disposition
3	Appendix A-1	LRAMVA Work Form
4	Appendix B	2020 Approved Current Tariff of Rates and Charges
5	Appendix C	2021 Proposed Tariff of Rates and Charges
6	Appendix D	Customer Bill Impacts
7	Appendix E	IRM Rate Generator Model
8	Appendix F	GA Analysis Work Form
9	Appendix G	Account 1595 Analysis Work Form
10	Appendix H	Certification of Evidence
11	Appendix I	Check List

APPENDIX A:

**LOST REVENUE ADJUSTMENT
MECHANISM VARIANCE ACCOUNT
(LRAMVA) DISPOSITION**

1 **LOST REVENUE ADJUSTMENT MECHANISM VARIANCE (LRAMVA)**

2 **BACKGROUND:**

3 The Conservation and Demand Management Code (“CDM code”) was first established to provide
4 electricity distributors with the obligations and requirements to which they must comply in relation to the
5 established CDM targets. The CDM code applied to the four year period from January 1, 2011 to
6 December 31, 2014. Subsequently, the Board issued on April 26, 2012, the “*Guidelines for Electricity*
7 *Distributors Conservation and Demand Management*” (EB-2012-0003) (“2012 CDM guidelines”), which
8 provided further guidance on certain provisions in the CDM code and details on the Lost Revenue
9 adjustment mechanism (“LRAM”) related to recovery of lost revenue arising from successful
10 implementation of CDM programs under the CDM code. The CDM code and related 2012 CDM
11 Guidelines remain applicable for all activities related to the 2011 to 2014 CDM Framework.

12 To complement the 2015 to 2020 CDM Framework, the Board issued the “*Requirement Guidelines for*
13 *Electricity Distributors Conservation and Demand Management*” (EB-2014-0278) (“2015 CDM
14 Guidelines). The 2015 CDM Guidelines are applicable to CDM programs beginning January 1, 2015. As
15 per the 2015 CDM Guidelines, distributors should continue the current LRAM mechanism for approved
16 CDM programs between 2015 and 2020.

17 In the 2012 CDM guidelines, the Board established account 1568 LRAMVA to capture, at the customer
18 class level, the difference between: the results of actual verified impacts of authorized CDM activities for
19 Board approved and IESO-contracted Province-Wide CDM programs in relation to activities undertaken
20 by the distributors and the level of CDM activities in the distributors load forecast (ie. the level embedded
21 in rates). The OEB stated that distributors are generally expected to include CDM as part of their load
22 forecast to ensure that ratepayers are realizing the true benefits of conservation at the earliest times
23 possible and to mitigate the variance between forecasted and actual revenue losses.

24 When a distributor includes a CDM load reduction in its distribution rates, the amount of the forecast that
25 was adjusted for would be compared to the actual CDM results verified by an independent third party (for
26 Board-approved programs) for each year of the CDM program, evaluated according to the IESO’s EM&V
27 protocols as directed in the CDM code. As per the Filing Requirements, a separate third party review for
28 IESO-Contracted Province-Wide CDM programs is not required.

29 The calculated LRAMVA amount is to be recorded in account 1568 and is subject to carrying charges.
30 Distributors are expected to apply for disposition of the LRAMVA in their cost of service application and
31 may also request disposition as part of an IRM application if the balance is deemed to be significant to the
32 distributor.

CONSERVATION REFORM

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

The IESO has made monthly Participation and Cost Reports available to electricity distributors from January 1, 2018 to March 31, 2019 which will form the basis of the 2018 LRAM calculation in this application.

METHODOLOGY

EW has used the OEB's LRAMVA Work Form Version 5.0 to support the claim for the account 1568 disposition. The excel version of the work form has been included with this application and a PDF version has been included in Appendix A-1.

An overview of specific tabs in the LRAMVA Work Form has been provided to assist in providing additional details and explanations.

LRAMVA Summary (Tab 1)

EW has been active in offering and promoting CDM programs to its customers since the early 2005 programs began. Efforts have continued throughout the years up to and including the programs offered to support 2011–2014 targets through IESO funded programs and EW's CDM activity within the 2015–2020 timeframe under the CFF.

EW's CDM efforts have resulted in considerable energy and demand savings for customers however this has contributed to distribution revenue losses as a result of the associated decreases in kilowatt hour (kWh) consumption and kilowatt (kW) demand.

EW submitted a claim for lost revenues in the 2020 IRM Rate Application (EB-2019-0130) for CDM programs offered in 2011 to 2017 and the persistence of those programs through 2017. In this application EW is proposing to dispose of the impact of 2018 CDM Programs in 2018 and the persistence of 2011 to 2017 CDM Programs in 2018. The total principal claim amount is \$381,830 plus projected interest to 2020 for a total claim amount of \$398,061. A summary of the LRAMVA disposition request by customer class including projected carrying charges is as follows:

Table 1: LRAMVA Disposition Summary

Customer Class	2011-2017 Program Persistence			2018 Programs			2018 LRAMVA		
	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
Residential	84,687	3,589	88,277	9,825	428	10,252	94,512	4,017	98,529
GS<50 kW	37,569	1,798	39,368	9,789	214	10,003	47,359	2,013	49,371
GS 50-4,999 kW	135,879	6,222	142,100	27,890	741	28,632	163,769	6,963	170,732
Streetlighting	69,026	2,893	71,920	7,164	345	7,509	76,190	3,238	79,428
Total LRAM Amounts	327,161	14,503	341,664	54,668	1,728	56,396	381,830	16,231	398,061

A reconciliation of the reported balances (2019 RRR 2.1.7 trial balance) at the end of December 31, 2019 for account 1568 and the claim amount has been provided in Table 2.

Table 2: LRAMVA Reconciliation of 2019 RRR to Disposition Claim

Reconciling Item	\$
2019 RRR Balance	1,122,407
EB-2019-0130 Disposition Approval	(452,191)
2019 LRAMVA	(279,570)
2020 GL Correction re:2018 programs	2,165
Projected 2020 Carrying Charges	5,250
Claim	<u>398,061</u>

EW is not requesting disposition of the 2019 LRAMVA balance at this time and will do so as part of a future claim.

LRAMVA Threshold (Tab 2)

EW prepared its last cost of service application prior to the issuance of the CDM guidelines and the introduction of LRAMVA. Prior to the LRAMVA, there was no specific requirement to address a CDM adjustment in the load forecast. As a result, EW's Settlement Agreement, upon which the 2011 rates were based, was not determinative on the point of whether CDM was or was not included in the accepted load forecast for 2011. In order to provide clarity and regulatory certainty, EW, in its 2012 and 2013 IRM rate application requested that the Board consider providing a decision on the matter of whether its load forecast for 2011 included a CDM adjustment and if an adjustment did exist, the value or process to determine the value by customer class. EW took the position that its load forecast did not include a CDM

adjustment. With regards to the matter of CDM impacts on its 2011 load forecast, The Board in its 2013 Decision (EB-2012-0177) stated:

The Board finds that the 2011 forecast did not include CDM impacts related to Whitby's 2011-2014 CDM programs and therefore, Whitby Hydro is eligible to apply for a disposition of a LRAM Variance account for 2011.

The 2013 IRM decision provided certainty on this issue in the absence of being specifically addressed in the last cost of service application and settlement agreement. On this basis, the full amount of the LRAM associated with the 2011-2018 IESO CDM program impacts on 2018 has been included in the disposition request. Tab 2 has therefore been left blank in the LRAMVA Work Form.

Distribution Rates & Rate Class Allocations (Tab 3)

The lost revenue impact to EW was calculated by using the applicable distribution volumetric rates per rate class.

Please refer to tab 3a of the LRAMVA Work Form for a mapping of the rate class allocations for CDM savings. EW has used the sector classification provided by the IESO as the basis for allocation to rate classes of CDM program results. The only exception is equipment replacement and retrofit programs in the new framework. For these programs EW estimated the split by rate class by drawing on participant-specific information from the IESO (post retrofit report) and the assigned rate class categories by participant as per the customer information system (CIS).

On review of the program activity, it was determined that there are no LRAM impacts to either of the Unmetered Scattered Load or Sentinel Light customer classes.

Carrying Charges (Tab 6)

EW has added tab 6-b to the LRAMVA Work Form to provide detailed calculations of the carrying charges requested for disposition. Tab 6 links to the details provided in tab 6-b. EW has modified the LRAMVA Work Form to incorporate actual carrying charges as calculated based on the month end general ledger (GL) balance rather than the assumption that lost revenue has been applied evenly throughout the year. The month end GL balance is affected by the timing of true ups and other adjustments and the cumulative balance in column B of tab 6-b ties to the principal claim in this application.

Program Savings and Persistence (Tab 7)

EW has prepared its LRAMVA calculations in accordance with the CDM Guidelines and has relied on the most recent input assumptions available at the time of program evaluation. EW participated in IESO funded programs throughout 2011–2018 and does not have any Board-approved programs. As a result,

the LRAMVA is based on verified savings results that are supported by the following reports issued by the IESO (the “Results Reports”):

- 2011-2015 LDC CDM Program Persistence Results _Elexicon_Whitby RZ
- 2017 Final Verified Annual LDC CDM Program Results _Elexicon_Whitby RZ
- 2018 Participation and Cost Report_Elexicon_Whitby RZ

These reports have been filed with the application in Excel format.

The 2018 Participation and Cost Report had 2018 first year energy savings which were used for the lost revenue calculation. EW relied on detailed project level files to obtain the equivalent kW savings for the demand based calculations.

In its calculations, EW has not applied for any LRAMVA associated with Demand Response Programs consistent with the OEB’s *Report of the OEB: Update Policy for the Lost Revenues Adjustment Mechanism calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs*.

EW confirms it has not made any adjustments to previously claimed LRAMVA amounts.

Street Lighting (Tab 8)

Starting in 2015, the Town of Whitby undertook an LED upgrade for streetlights and received incentives under the IESO funded Retrofit Program. The street light upgrade represents only incremental savings attributable to participation in the IESO program. The retrofitting has been phased in over the course of the project timeline (2015 – 2018). EW has worked closely with the Town of Whitby to calculate the reduction (savings) in load relating to the street lighting retrofits.

The IESO included the calculated kilowatt hours (kWh) of energy savings from the street lighting project in EW’s 2015 and 2016 results but no corresponding kW savings. Since the LRAMVA workform only allows for one set of rate allocation %’s, the estimated kWh savings for street lighting needed to be removed in order to produce the correct allocations for all customers classes to be used in the LRAMVA calculations. The following kWh of net savings has been manually removed from the persistence results (Tab 5 in the LRAMVA Work Form).

Table 3: Street lighting net kWh savings removed from persistence reports

Year	Net savings (kWh)
2015	1,695,198
2016	2,462,795

1 For ease of reference, please see the table below which provides a breakdown including cell references
2 for the kWhs deducted.

3 **Table 3a: Cell reference for net kWh savings removed**

Cell reference in Tab 5	Year
	2015
G57	1,513,140
G58	62,515
G121	31,611
G122	87,932
	<hr/> 1,695,198
	2016
F304	2,078,431
F305	384,364
	<hr/> 2,462,795

4
5 In order to calculate the actual lost revenue, kW demand savings from the street lighting project had to be
6 determined since it occurs during 'off peak' times. EW reviews data provided by the Town of Whitby and a
7 master list is generated that itemizes every light that has been retrofitted, the month it was changed, the
8 old wattage and the converted wattage. The baseline is therefore the wattage associated with the old
9 street lighting technology for those lights that have been retrofitted in a given month. Using this
10 information, EW calculates the gross kW reduction (savings) per month. The gross kW reduction
11 represents the change in billed demand. Based on program year, the net-to-gross assumptions per the
12 IESO annual reports were applied to determine the net kW reduction (savings) per month. In the
13 absence of 2018 net-to-gross assumptions from the IESO, EW relied on the IESO's 2017 program
14 evaluation results. The lost revenue is calculated by multiplying the net kW savings by the applicable
15 distribution rate. The calculations reflect the impact on billing in the month following the retrofit.

16 Tab 8 includes a table that shows the monthly breakdown of pre-conversion and post-conversion billed
17 demand over the period of the upgrade project (including the type of bulb and number of bulbs) and the
18 calculation of the change in billed demand.

19 For LED exterior area lights, the effective useful life is 12 years. The calculated savings persist each
20 month for the effective useful life of the new lighting technology as outlined in the IESO Prescriptive
21 Measures and Assumptions List. The persistence factor is 100% each month and this factor would
22 continue until the end of the 12 year effective useful life.

Since EW calculates the gross demand savings for billing based on the wattage difference between old and new lighting technology for each street light retrofitted each month, for the purpose of calculating street lighting LRAMVA, there is no requirement to use a conversion factor to convert from energy saving to demand savings.

EW notes that the Board's 2021 IRM Checklist requests confirmation that the street light savings were calculated in accordance with OEB approved load profiles for street lighting projects. EW has outlined its calculation of demand savings (gross and net) for use in billing and LRAMVA respectively, and advises that the load profile does not have an impact on the demand-based street lighting LRAMVA calculations. However, for the purpose of fulfilling the Board's requirements, EW can confirm that the OEB-approved standard load profile for street lights is applied to the demand to determine energy (kWh). As such, the energy savings is inherently reflected in energy billed in a manner consistent with the OEB-approved standard load profile.

EW confirms that net additions have been excluded from 2018 kW of savings. The savings are only calculated on the existing lights which have been retrofitted and attributable to participation in the IESO program

EW determined that this methodology was a reasonable and accurate way to calculate the demand savings and subsequent lost revenue. EW did not want to rely simply on the change in demand on the monthly invoice since there have been other factors in play since the retrofit project began (ie new street lighting installations related to new subdivisions and 407/412 work). This method was considered acceptable by the OEB in EW's 2019 (EB-2018-0079) and 2020 (EB-2019-0130) rate applications.

Proposed Rate Riders

EW proposes a recovery of lost revenue variance totaling \$398,061 through a volumetric rate rider over a one year period expiring December 31, 2021. Consistent with section 3.2.3 of the Filing Requirements, the LRAMVA Rate Rider for Residential customers has been calculated on the basis of kWh rather than a fixed monthly charge.

Table 4: Proposed LRAMVA Rate Rider- Disposition of 2018 LRAMVA

1 year

Customer Class	2011-2017 Program Persistence	2018 Programs	2018 LRAMVA	Annual Recovery	Volume	Rate Rider	per
Residential	88,277	10,252	98,529	98,529	353,061,372	\$ 0.0003	kWh
GS<50 kW	39,368	10,003	49,371	49,371	89,298,040	\$ 0.0006	kWh
GS 50-4,999 kW	142,100	28,632	170,732	170,732	960,319	\$ 0.1778	kW
Streetlighting	71,920	7,509	79,428	79,428	8,981	\$ 8.8440	kW
	341,664	56,396	398,061	398,061			

APPENDIX A-1:

LRAMVA WORK FORM



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).

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your 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.



LRAMVA Work Form: Instructions

Version 5.0 (2021)

Tab	Instructions
LRAMVA Checklist/Schematic Tab	<p>The LRAMVA work form was created in a generic manner for use by all LDCs. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below:</p> <ul style="list-style-type: none"> o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved. o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable. o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. 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)	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> 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

Version 5.0 (2021)

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
Not Applicable	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
Yes	o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
Yes	o Apply the IESO verified savings adjustments to the year it relates to.
Yes	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 R)	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 R)	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 R)	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"			



Ontario Energy Board

LRAMVA Work Form: Summary Tab

Legend

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

LDC Name

Elexicon Energy Inc - Whitby Rate Zone

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-2019-0130
Application of Previous LRAMVA Claim	2020 Annual IR Application
Period of LRAMVA Claimed in Previous Application	2017
Amount of LRAMVA Claimed in Previous Application	\$ 452,191.03

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2020-0012
Application of Current LRAMVA Claim	2021 Annual IRM Application
Period of New LRAMVA in this Application	2018
Period of Rate Recovery (# years)	1

Actual Lost Revenues (\$)	A	\$ 381,830
Forecast Lost Revenues (\$)	B	\$ -
Carrying Charges (\$)	C	\$ 16,231
LRAMVA (\$) for Account 1568	A-B+C	\$ 398,061

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	\$94,512	\$4,017	\$98,529
GS<50 kW	kWh	\$47,359	\$2,013	\$49,371
GS>50 kW	kW	\$163,769	\$6,963	\$170,732
Streetlighting	kW	\$76,190	\$3,238	\$79,428
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$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		\$381,830	\$16,231	\$398,061

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

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

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

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

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS>50 kW	Streetlighting	Total
		kWh	kWh	kW	kW	
2011 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared						
2012 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared						
2013 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared						
2014 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared						
2015 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared						
2016 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared						
2017 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared						
2018 Actuals	<input type="checkbox"/>	\$94,512.07	\$47,358.56	\$163,768.96	\$76,190.23	\$381,829.81
2018 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared						
2019 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared						
Carrying Charges		\$4,017.17	\$2,012.64	\$6,963.10	\$3,238.08	\$16,231.00
Total LRAMVA Balance		\$98,529	\$49,371	\$170,732	\$79,428	\$398,061



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	Table 5-d. cell B660	Replaced "placeholder" program "Save on Energy New Construction" with "Save on Energy Instant Discount Program"	The "Save on Energy Instant Discount Program" is not listed as one of the programs under Residential Province-Wide Programs and there is no data for the formerly-listed program.
2	5. 2015-2020 LRAM	Table 5-d. cell B663	Replaced "placeholder" program "Save on Energy Assistance Program" with "Save on Energy Smart Thermostat Program"	The "Save on Energy Smart Thermostat Program" is not listed as one of the programs under Residential Province-Wide Programs and there is no data for the formerly-listed program.
3	6. Carrying Charges	Rows 120 to 161	Changed reference to Carrying Charges tab 6-b to capture actual amounts	EW has modified the carrying charges tab to reflect the fact that the carrying charges are based on the month end GL balance and not necessarily applied evenly throughout the year. The GL balance is impacted by the timing of true ups and adjustments. See tab 6b
4	6-b Carrying Charges		New tab to present EW's calculation of carrying charges as recorded in the general ledger	as above
5	5. 2015-2020 LRAM	Table 5-a: cells G57, G58, G121, G122 Table 5-b: cells F304, F305	Removed Streetlight (ST) savings	The IESO included the calculated kilowatt hours (kWh) of energy savings from the street lighting project in EW's 2017 persistence results but no corresponding kW savings. Since the LRAMVA workform only allows for one set of rate allocation %'s, the estimated kWh savings for street lighting needed to be removed in order to produce the correct allocations for all customers classes to be used in the LRAMVA calculations.
6	7. Persistence Data		New tab 7-b called "2018 P & C Report"	In this tab is the 2018 Participation & Cost Report issued by the IESO that was used to calculate the Lost Revenue from the 2018 programs and their impact on 2018. This data from the P&C Report was used to populate table 5d
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-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS>50 kW	Streetlighting						
		kWh	kWh	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

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-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS>50 kW	Streetlighting						
		kWh	kWh	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

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	GS<50 kW	GS>50 kW	Streetlighting						
		kWh	kWh	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
2012		0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0
2018		0	0	0	0	0	0	0	0	0	0
2019		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-2009-0274	EB-2010-0123	EB-2011-0206	EB-2012-0177	EB-2013-0181	EB-2014-0124	EB-2015-0113	EB-2016-0114	EB-2017-0085/ EB-2017-0292	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)													
Period 2 (# months)		12	12	12	12	12	12	12	12	12	12	12	12
Residential	kWh		\$ 0.0141	\$ 0.0142	\$ 0.0144	\$ 0.0146	\$ 0.0148	\$ 0.0113	\$ 0.0076	\$ 0.0038			
Rate rider for tax sharing				-\$ 0.0002									
Rate rider for foregone revenue													
LRAM			\$ 0.0005	\$ 0.0009					\$ -				
Adjusted rate		\$ -	\$ 0.0146	\$ 0.0149	\$ 0.0144	\$ 0.0146	\$ 0.0148	\$ 0.0113	\$ 0.0076	\$ 0.0038	\$ -	\$ -	
Calendar year equivalent			\$ 0.0146	\$ 0.0149	\$ 0.0144	\$ 0.0146	\$ 0.0148	\$ 0.0113	\$ 0.0076	\$ 0.0038	\$ -	\$ -	
GS<50 kW	kWh		\$ 0.0194	\$ 0.0195	\$ 0.0197	\$ 0.0200	\$ 0.0203	\$ 0.0207	\$ 0.0210	\$ 0.0201			
Rate rider for tax sharing				-\$ 0.0001									
Rate rider for foregone revenue									\$ -				
LRAM				\$ 0.0011					\$ -				
Adjusted rate		\$ -	\$ 0.0194	\$ 0.0205	\$ 0.0197	\$ 0.0200	\$ 0.0203	\$ 0.0207	\$ 0.0210	\$ 0.0201	\$ -	\$ -	
Calendar year equivalent			\$ 0.0194	\$ 0.0205	\$ 0.0197	\$ 0.0200	\$ 0.0203	\$ 0.0207	\$ 0.0210	\$ 0.0201	\$ -	\$ -	
GS>50 kW	kW		\$ 3.9178	\$ 3.9405	\$ 3.9831	\$ 4.0389	\$ 4.0914	\$ 4.1650	\$ 4.2316	\$ 4.1399			
Rate rider for tax sharing				-\$ 0.0220									
Rate rider for foregone revenue									\$ -				
LRAM			\$ 0.0153	\$ 0.0627					\$ -				
Adjusted rate		\$ -	\$ 3.9331	\$ 3.9812	\$ 3.9831	\$ 4.0389	\$ 4.0914	\$ 4.1650	\$ 4.2316	\$ 4.1399	\$ -	\$ -	
Calendar year equivalent			\$ 3.9331	\$ 3.9812	\$ 3.9831	\$ 4.0389	\$ 4.0914	\$ 4.1650	\$ 4.2316	\$ 4.1399	\$ -	\$ -	
Streetlighting	kW						\$ 6.8972	\$ 7.0213	\$ 7.1336	\$ 7.0858			
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.8972	\$ 7.0213	\$ 7.1336	\$ 7.0858	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ 6.8972	\$ 7.0213	\$ 7.1336	\$ 7.0858	\$ -	\$ -	

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

Table 3-a. Distribution Rates by Rate Class

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

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

Year	Residential	GS<50 kW	GS>50 kW	Streetlighting										
	kWh	kWh	kW	kW	0	0	0	0	0	0	0	0	0	0
2011	\$0.0146	\$0.0194	\$3.9331	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0149	\$0.0205	\$3.9812	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0144	\$0.0197	\$3.9831	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0146	\$0.0200	\$4.0389	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0148	\$0.0203	\$4.0914	\$6.8972	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0113	\$0.0207	\$4.1650	\$7.0213	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0076	\$0.0210	\$4.2316	\$7.1336	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0038	\$0.0201	\$4.1399	\$7.0858	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

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

[Return to top](#)



Ontario Energy Board

LRAMVA Work Form: Determination of Rate Class Allocations

Instructions

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

Initiative	IESO Sector Classification	Rate Class Allocation
Residential Programs		
Appliance Exchange	Residential	100% Residential
Appliance Retirement	Residential	100% Residential
Bi-Annual Retailer Event	Residential	100% Residential
Conservation Instant Coupon Booklet	Residential	100% Residential
HVAC Incentives	Residential	100% Residential
Home Assistance Program	Residential	100% Residential
Res New Construction	Residential	100% Residential
Low Income Initiative	Low Income Program	100% Residential
Save on Energy Coupon Program	Residential	100% Residential
Save on Energy Heating and Cooling Program	Residential	100% Residential
Save on Energy Home Assistance Program	Residential	100% Residential
Save on Energy Instant Discount Program	Residential	100% Residential
Save on Energy Thermostat Program	Residential	100% Residential
Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	Conservation Fund	100% Residential
General Service < 50 Programs		
Direct Install Lighting and Water Heating Initiative	Commercial	100% GS<50
General Service > 50 Programs		
Retrofit (2011-2014 Framework)	Industrial	100% GS>50
Electricity Retrofit Incentive Program	Commercial	100% GS>50
High Performance New Construction	Commercial	100% GS>50
Energy Audit	Commercial	100% GS>50
Monitoring and Targetting	Industrial	100% GS>50
Multi-Class Programs		
Save on Energy Retrofit Program (new framework)	Business	Split between GS<50 and GS>50 based on participant specific information 2015 GS<50 / GS > 50 Split: 21/79 2016 GS<50 / GS > 50 Split: 4/96 2017 GS<50 / GS > 50 Split: 6/94 2018 GS<50 / GS > 50 Split: 8/92
Efficiency: Equipment Replacement Incentive Initiative (new framework)	Commercal	



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	GS<50 kW	GS>50 kW	Streetslighting	Total					
Consumer Program																																	
1.	Appliance Retirement Adjustment to 2011 savings	Verified True-up	226,453	226,453	226,453	226,149	153,557	0	0	0				31	31	31	31	20	0	0				kWh	kWh	kW	kW						
																								100.00%	0.00%	0.00%	0.00%	100%					
2.	Appliance Exchange Adjustment to 2011 savings	Verified True-up	3,509	3,509	3,509	2,611	0	0	0	0				2	2	2	1	0	0	0				100.00%	0.00%	0.00%	0.00%	100%					
																								100.00%	0.00%	0.00%	0.00%	100%					
3.	HVAC Incentives Adjustment to 2011 savings	Verified True-up	580,361	580,361	580,361	580,361	580,361	580,361	580,361	580,361				319	319	319	319	319	319	319	319			100.00%	0.00%	0.00%	0.00%	100%					
			-72,230	-72,230	-72,230	-72,230	-72,230	-72,230	-72,230	-72,230				-40	-40	-40	-40	-40	-40	-40	-40			100.00%	0.00%	0.00%	0.00%	100%					
4.	Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up	191,285	191,285	191,285	191,285	176,008	159,320	120,990	120,101				12	12	12	12	11	10	8	8			100.00%	0.00%	0.00%	0.00%	100%					
			2,385	2,385	2,385	2,385	2,385	2,179	1,337	1,335				0	0	0	0	0	0	0	0			100.00%	0.00%	0.00%	0.00%	100%					
5.	Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up	254,227	254,227	254,227	254,227	232,345	208,440	157,150	156,577				15	15	15	15	14	12	10	10			100.00%	0.00%	0.00%	0.00%	100%					
			18,888	18,888	18,888	18,888	18,888	17,164	9,267	9,265				1	1	1	1	1	1	0	0			100.00%	0.00%	0.00%	0.00%	100%					
6.	Retailer Co-op Adjustment to 2011 savings	Verified True-up	0											0										0.00%	0.00%	0.00%	0.00%	0%					
7.	Residential Demand Response Adjustment to 2011 savings	Verified True-up	0											0										0.00%	0.00%	0.00%	0.00%	0%					
8.	Residential Demand Response (IHD) Adjustment to 2011 savings	Verified True-up	0											0										0.00%	0.00%	0.00%	0.00%	0%					
9.	Residential New Construction Adjustment to 2011 savings	Verified True-up	0											0										0.00%	0.00%	0.00%	0.00%	0%					
Business Program																																	
10.	Retrofit Adjustment to 2011 savings	Verified True-up	824,817	824,817	824,817	824,817	824,817	824,817	824,817	824,817			12	142	142	142	142	142	142	142				0.00%	0.00%	100.00%	0.00%	100%					
													12											0.00%	0.00%	100.00%	0.00%	100%					
11.	Direct Install Lighting Adjustment to 2011 savings	Verified True-up	43,922	43,922	41,453	33,346	33,346	32,800	9,947	8,416			12	22	22	21	18	18	18	10	8			0.00%	100.00%	0.00%	0.00%	100%					
													12											0.00%	100.00%	0.00%	0.00%	100%					
12.	Building Commissioning Adjustment to 2011 savings	Verified True-up	0										3	0										0.00%	0.00%	0.00%	0.00%	0%					
													12	0										0.00%	0.00%	0.00%	0.00%	0%					
13.	New Construction Adjustment to 2011 savings	Verified True-up	0										12	0										0.00%	0.00%	0.00%	0.00%	0%					
													12											0.00%	0.00%	0.00%	0.00%	0%					
14.	Energy Audit Adjustment to 2011 savings	Verified True-up	0										12	0										0.00%	0.00%	0.00%	0.00%	0%					
													12											0.00%	0.00%	0.00%	0.00%	0%					
15.	Small Commercial Demand Response Adjustment to 2011 savings	Verified True-up	0											0										0.00%	0.00%	0.00%	0.00%	0%					
																								0.00%	0.00%	0.00%	0.00%	0%					
16.	Small Commercial Demand Response (IHD) Adjustment to 2011 savings	Verified True-up	0											0										0.00%	0.00%	0.00%	0.00%	0%					
																								0.00%	0.00%	0.00%	0.00%	0%					
17.	Demand Response 3 Adjustment to 2011 savings	Verified True-up	4,235											108										0.00%	0.00%	0.00%	0.00%	0%					
																								0.00%	0.00%	0.00%	0.00%	0%					
Industrial Program																																	
18.	Process & System Upgrades Adjustment to 2011 savings	Verified True-up	0	0									12	0										0.00%	0.00%	0.00%	0.00%	0%					
													12											0.00%	0.00%	0.00%	0.00%	0%					
19.	Monitoring & Targeting Adjustment to 2011 savings	Verified True-up	0	0									12	0										0.00%	0.00%	0.00%	0.00%	0%					
													12											0.00%	0.00%	0.00%	0.00%	0%					
20.	Energy Manager Adjustment to 2011 savings	Verified True-up	0	0									12	0										0.00%	0.00%	0.00%	0.00%	0%					
													12											0.00%	0.00%	0.00%	0.00%	0%					
21.	Retrofit Adjustment to 2011 savings	Verified True-up	364,108	364,108	364,108	364,108	364,108	364,108	364,108	364,108			12	59	59	59	59	59	59	59	59			0.00%	0.00%	100.00%	0.00%	100%					
													12											0.00%	0.00%	100.00%	0.00%	100%					
22.	Demand Response 3 Adjustment to 2011 savings	Verified True-up	13,901											237										0.00%	0.00%	0.00%	0.00%	0%					
																								0.00%	0.00%	0.00%	0.00%	0%					
Home Assistance Program																																	
23.	Home Assistance Program Adjustment to 2011 savings	Verified True-up	0	0										0										0.00%	0.00%	0.00%	0.00%	0%					
																								0.00%	0.00%	0.00%	0.00%	0%					
Aboriginal Program																																	
24.	Home Assistance Program Adjustment to 2011 savings	Verified True-up	0	0										0										0.00%	0.00%	0.00%	0.00%	0%					
																								0.00%	0.00%	0.00%	0.00%	0%					
25.	Direct Install Lighting Adjustment to 2011 savings	Verified True-up	0	0									0	0										0.00%	0.00%	0.00%	0.00%	0%					
													0											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

[Return to top](#)

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				
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012		2013	2014	2015	2016	2017	2018	2019	2020	2021	Residential	GS<50 kW	GS>50 kW	Streetlighting	Total		
Consumer Program																													
1. Appliance Retirement Adjustment to 2012 savings	Verified True-up	92,074	92,074	92,074	91,869	56,195	0	0					13	13	13	13	7	0											
2. Appliance Exchange Adjustment to 2012 savings	Verified True-up	5,077	5,077	5,077	5,060	0	0	0					3	3	3	3	0	0											
3. HVAC Incentives Adjustment to 2012 savings	Verified True-up	379,038	379,038	379,038	379,038	379,038	379,038	379,038					225	225	225	225	225	225											
4. Conservation Instant Coupon Booklet Adjustment to 2012 savings	Verified True-up	12,096	12,096	12,096	12,096	11,914	11,914	5,610					2	2	2	2	2	2	2										
5. Bi-Annual Retailer Event Adjustment to 2012 savings	Verified True-up	231,685	231,685	231,685	231,685	208,270	169,353	115,516					13	13	13	13	12	10	7										
6. Retailer Co-op Adjustment to 2012 savings	Verified True-up	0																											
7. Residential Demand Response Adjustment to 2012 savings	Verified True-up	3,263	0	0	0	0	0						450	0	0	0	0	0											
8. Residential Demand Response (IHD) Adjustment to 2012 savings	Verified True-up		484	0										494	446														
9. Residential New Construction Adjustment to 2012 savings	Verified True-up																												
Business Program																													
10. Retrofit Adjustment to 2012 savings	Verified True-up	1,456,233	1,456,233	1,456,233	1,443,057	1,443,057	1,436,047	1,412,736					12	245	245	245	241	241	238	235									
11. Direct Install Lighting Adjustment to 2012 savings	Verified True-up	46,962	46,962	46,414	34,154	34,154	22,191	22,191					12	12	12	12	9	9	6	6									
12. Building Commissioning Adjustment to 2012 savings	Verified True-up												3																
13. New Construction Adjustment to 2012 savings	Verified True-up												12																
14. Energy Audit Adjustment to 2012 savings	Verified True-up												12																
15. Small Commercial Demand Response Adjustment to 2012 savings	Verified True-up																												
16. Small Commercial Demand Response (IHD) Adjustment to 2012 savings	Verified True-up																												
17. Demand Response 3 Adjustment to 2012 savings	Verified True-up	1,581	0	0	0	0	0	0					109	0	0	0	0	0											
Industrial Program																													
18. Process & System Upgrades Adjustment to 2012 savings	Verified True-up												12																
19. Monitoring & Targeting Adjustment to 2012 savings	Verified True-up												12																
20. Energy Manager Adjustment to 2012 savings	Verified True-up												12																
21. Retrofit Adjustment to 2012 savings	Verified True-up												12																
22. Demand Response 3 Adjustment to 2012 savings	Verified True-up	10,604	0	0	0	0	0	0					440	0	0	0	0	0											
Home Assistance Program																													
23. Home Assistance Program Adjustment to 2012 savings	Verified True-up																												
Aboriginal Program																													
24. Home Assistance Program Adjustment to 2012 savings	Verified True-up																												
25. Direct Install Lighting Adjustment to 2012 savings	Verified True-up												0																

Table 4-c. 2013 Lost Revenues Work Form

[Return to top](#)

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				
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2013		2014	2015	2016	2017	2018	2019	2020	2021	2022	Residential	GS<50 kW	GS>50 kW	Streetlighting	Total			
Consumer Program		Verified True-up	61,731	61,731	61,731	61,731	39,669	0					9	9	9	9	6	0					kWh 100.00%	kWh 0.00%	kW 0.00%	kW 0.00%	100%			
Appliance Retirement Adjustment to 2013 savings		Verified True-up																												
Appliance Exchange Adjustment to 2013 savings		Verified True-up	10,714	10,714	10,714	10,714	0	0					6	6	6	6	0	0					100.00%	0.00%	0.00%	0.00%	100%			
HVAC Incentives Adjustment to 2013 savings		Verified True-up	398,521 20,448	398,521 20,448	398,521 20,448	398,521 20,448	398,521 20,448	398,521 20,448					232 12	232 12	232 12	232 12	232 12	232 12					100.00%	0.00%	0.00%	0.00%	100%			
Conservation Instant Coupon Booklet Adjustment to 2013 savings		Verified True-up	66,677 204	66,677 204	64,108 194	54,313 168	54,313 168	54,313 168					4 0	4 0	4 0	4 0	4 0	4 0					100.00%	0.00%	0.00%	0.00%	100%			
Bi-Annual Retailer Event Adjustment to 2013 savings		Verified True-up	148,621	148,621	139,666	109,106	109,106	109,106					10	10	10	8	8	8					100.00%	0.00%	0.00%	0.00%	100%			
Retailer Co-op Adjustment to 2013 savings		Verified True-up																					0.00%	0.00%	0.00%	0.00%	0%			
Residential Demand Response Adjustment to 2013 savings		Verified True-up	1,001 0	0 0	0	0	0	0					1,390 1,259	0 1,259	0	0	0	0					0.00%	0.00%	0.00%	0.00%	0%			
Residential Demand Response (IHD) Adjustment to 2013 savings		Verified True-up																					0.00%	0.00%	0.00%	0.00%	0%			
Residential New Construction Adjustment to 2013 savings		Verified True-up	20,661	20,661	20,661	20,661	20,661	20,661					1	1	1	1	1	1					100.00%	0.00%	0.00%	0.00%	100%			
Business Program																														
Retrofit Adjustment to 2013 savings		Verified True-up	1,648,280 298,471	1,647,989 290,890	1,647,989 290,640	1,647,989 290,640	1,643,306 289,029	1,546,942 284,649				12 12	279 101	279 99	279 99	279 99	277 98	249 98					0.00%	0.00%	100%	0.00%	100%			
Direct Install Lighting Adjustment to 2013 savings		Verified True-up	129,289	129,289	127,121	109,680	36,181	36,181				12 12	37	37	36	32	9	9					0.00%	100%	0.00%	0.00%	100%			
Building Commissioning Adjustment to 2013 savings		Verified True-up										3 3											0.00%	0.00%	0.00%	0.00%	0%			
New Construction Adjustment to 2013 savings		Verified True-up	10,663	10,663	10,663	10,663	10,663	10,663				12 12	1	1	1	1	1	1					0.00%	0.00%	100.00%	0.00%	100%			
Energy Audit Adjustment to 2013 savings		Verified True-up										12 12											0.00%	0.00%	0.00%	0.00%	0%			
Small Commercial Demand Response Adjustment to 2013 savings		Verified True-up																					0.00%	0.00%	0.00%	0.00%	0%			
Small Commercial Demand Response (IHD) Adjustment to 2013 savings		Verified True-up																					0.00%	0.00%	0.00%	0.00%	0%			
Demand Response 3 Adjustment to 2013 savings		Verified True-up	1,473										110										0.00%	0.00%	0.00%	0.00%	0%			
Industrial Program																														
Process & System Upgrades Adjustment to 2013 savings		Verified True-up										12 12											0.00%	0.00%	0.00%	0.00%	0%			
Monitoring & Targeting Adjustment to 2013 savings		Verified True-up	148,348	148,348	148,348	148,348	148,348	0				12 12	54	54	54	54	54	0					0.00%	0.00%	100.00%	0.00%	100%			
Energy Manager Adjustment to 2013 savings		Verified True-up										12 12											0.00%	0.00%	0.00%	0.00%	0%			
Retrofit Adjustment to 2013 savings		Verified True-up										12 12											0.00%	0.00%	0.00%	0.00%	0%			
Demand Response 3 Adjustment to 2013 savings		Verified True-up	11,248										494										0.00%	0.00%	0.00%	0.00%	0%			
Home Assistance Program Adjustment to 2013 savings		Verified True-up	66,033	65,994	65,990	59,386	56,098	52,810					5	5	5	5	5	5					100%	0.00%	0.00%	0.00%	100%			
Aboriginal Program																														
Home Assistance Program Adjustment to 2013 savings		Verified True-up																					0.00%	0.00%	0.00%	0.00%	0%			
Direct Install Lighting Adjustment to 2013 savings		Verified True-up										0 0											0.00%	0.00%	0.00%	0.00%	0%			

[illegible]

Table 4-d. 2014 Lost Revenues Work Form

[Return to Top](#)

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				
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2014		2015	2016	2017	2018	2019	2020	2021	2022	2023	Residential	GS-50 kW	GS>50 kW	Streetlighting	Total		
Consumer Program																													
1. Appliance Retirement Adjustment to 2014 savings	Verified True-up	47,808	47,808	47,808	47,599	28,610							7	7	7	7	4						kWh 100.00%	kWh 0.00%	kW 0.00%	kW 0.00%	100%		
2. Appliance Exchange Adjustment to 2014 savings	Verified True-up	15,516	15,516	15,516	15,516	0							9	9	9	9	0						100% 100.00%	0.00%	0.00%	0.00%	100%		
3. HVAC Incentives Adjustment to 2014 savings	Verified True-up	518,947	518,947	518,947	518,947	518,947							281	281	281	281	281						100% 100.00%	0.00%	0.00%	0.00%	100%		
4. Conservation Instant Coupon Booklet Adjustment to 2014 savings	Verified True-up	245,067	228,237	220,076	220,076	220,076							18	17	17	17	17						100% 100.00%	0.00%	0.00%	0.00%	100%		
5. Bi-Annual Retailer Event Adjustment to 2014 savings	Verified True-up	1,063,216	922,329	848,906	848,906	848,906							70	61	56	56	56						100% 100.00%	0.00%	0.00%	0.00%	100%		
6. Retailer Co-op Adjustment to 2014 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0%		
7. Residential Demand Response Adjustment to 2014 savings	Verified True-up	0											342										0.00%	0.00%	0.00%	0.00%	0%		
8. Residential Demand Response (IHD) Adjustment to 2014 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0%		
9. Residential New Construction Adjustment to 2014 savings	Verified True-up					0																	100.00% 100.00%	0.00%	0.00%	0.00%	100%		
Business Program																													
10. Retrofit Adjustment to 2014 savings	Verified True-up	2,346,163	2,345,747	2,345,747	2,318,356	2,318,356					12	295	295	295	287	287							0.00%	0.00%	100% 100.00%	0.00%	100%		
11. Direct Install Lighting Adjustment to 2014 savings	Verified True-up	779,548	776,207	675,991	565,229	565,229					12	200	199	175	143	143							0.00%	100% 100.00%	0.00%	0.00%	100%		
12. Building Commissioning Adjustment to 2014 savings	Verified True-up										3												0.00%	0.00%	0.00%	0.00%	0%		
13. New Construction Adjustment to 2014 savings	Verified True-up	165,883	165,883	165,883	165,883	165,883					12	34	34	34	34	34							0.00%	0.00%	100% 100.00%	0.00%	100%		
14. Energy Audit Adjustment to 2014 savings	Verified True-up	456,915	456,915	456,915	456,915						12	94	94	94	94	0							0.00%	0.00%	100% 100.00%	0.00%	100%		
15. Small Commercial Demand Response Adjustment to 2014 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0%		
16. Small Commercial Demand Response (IHD) Adjustment to 2014 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0%		
17. Demand Response 3 Adjustment to 2014 savings	Verified True-up	0											76										0.00%	0.00%	0.00%	0.00%	0%		
Industrial Program																													
18. Process & System Upgrades Adjustment to 2014 savings	Verified True-up										12												0.00%	0.00%	0.00%	0.00%	0%		
19. Monitoring & Targeting Adjustment to 2014 savings	Verified True-up										12												0.00%	0.00%	0.00%	0.00%	0%		
20. Energy Manager Adjustment to 2014 savings	Verified True-up										12												0.00%	0.00%	0.00%	0.00%	0%		
21. Retrofit Adjustment to 2014 savings	Verified True-up										12												0.00%	0.00%	0.00%	0.00%	0%		
22. Demand Response 3 Adjustment to 2014 savings	Verified True-up	0											448										0.00%	0.00%	0.00%	0.00%	0%		
Home Assistance Program																													
23. Home Assistance Program Adjustment to 2014 savings	Verified True-up	99,080	98,876	89,999	85,633	81,340							9	9	8	8	8						100% 100.00%	0.00%	0.00%	0.00%	100%		



Ontario Energy Board

LRAMVA Work Form: 2015 - 2020 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 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.
2. 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.
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 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](#)

Table 5-a. 2015 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				
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2015		2016	2017	2018	2019	2020	2021	2022	2023	2024	Residential	GS<50 kW	GS>50 kW	Streetlighting	Total		
Legacy Framework																													
Residential Program																													
Coupon Initiative	Verified	463,048	458,886	458,886	458,886								31	31	31	31								kWh	kWh	kW	kW		
Adjustment to 2015 savings	True-up	87,602	86,378	86,378	86,378								6	6	6	6								100.00%	0.00%	0.00%	0.00%	100%	
Bi-Annual Retailer Event Initiative	Verified	812,151	797,717	797,717	797,717								55	54	54	54								100.00%				100%	
Adjustment to 2015 savings	True-up	8,401	8,302	8,302	8,302								1	1	1	1								100.00%	0.00%	0.00%	0.00%		
Appliance Retirement Initiative	Verified	12,724	12,724	12,724	12,619								2	2	2	2								100.00%				100%	
Adjustment to 2015 savings	True-up																							100.00%	0.00%	0.00%	0.00%		
HVAC Incentives Initiative	Verified	1,140,449	1,140,449	1,140,449	1,140,449								599	599	599	599								100.00%				100%	
Adjustment to 2015 savings	True-up	29,105	29,105	29,105	29,105								15	15	15	15								100.00%	0.00%	0.00%	0.00%		
Residential New Construction and Major	Verified																										0%		
Adjustment to 2015 savings	True-up																							0.00%	0.00%	0.00%	0.00%		
Commercial & Institutional Program																													
Energy Audit Initiative	Verified											12															0%		
Adjustment to 2015 savings	True-up											12												0.00%	0.00%	0.00%	0.00%		
Efficiency: Equipment Replacement	Verified	2,101,231	2,101,231	2,099,336	2,099,336							12	296	296	295	295									21%	79%		100%	
Incentive Initiative	True-up	84,510	84,510	86,404	86,733							12	41	41	42	42									0.00%	21.10%	78.90%	0.00%	
Adjustment to 2015 savings																													
Direct Install Lighting and Water Heating	Verified	155,411	129,008	115,975	115,975							12	33	27	23	23									100%			100%	
Initiative	True-up	-40,159	-13,755	-723	5,019							12	-9	-4	0	1									0.00%	100.00%	0.00%	0.00%	
Adjustment to 2015 savings																													
New Construction and Major Renovation	Verified											12													100.00%			100%	
Initiative	True-up	84,385	84,385	84,385	84,385							12	30	30	30	30									0.00%	0.00%	100.00%	0.00%	
Adjustment to 2015 savings																													
Existing Building Commissioning Incentive	Verified											3															0%		
Initiative	True-up											3													0.00%	0.00%	0.00%	0.00%	
Adjustment to 2015 savings																													
Industrial Program																													
Process and Systems Upgrades Initiatives -	Verified											12															0%		
Project Incentive Initiative	True-up											12													0.00%	0.00%	0.00%	0.00%	
Adjustment to 2015 savings																													
Process and Systems Upgrades Initiatives -	Verified	244,000	0	0								12	0	0	0										100.00%			100%	
Monitoring and Targeting Initiative	True-up											12													0.00%	0.00%	100.00%	0.00%	
Adjustment to 2015 savings																													
Process and Systems Upgrades Initiatives -	Verified	10,350	0	0								12	0	0	0										100.00%			100%	
Energy Manager Initiative	True-up											12													0.00%	0.00%	100.00%	0.00%	
Adjustment to 2015 savings																													
Low Income Program																													
Low Income Initiative	Verified	14,599	11,059	10,434	9,837							12	1	1	1	1								100%				100%	
Adjustment to 2015 savings	True-up											12												100.00%	0.00%	0.00%	0.00%		
Other																													
Aboriginal Conservation Program	Verified											0															0%		
Adjustment to 2015 savings	True-up											0												0.00%	0.00%	0.00%	0.00%		
Program Enabled Savings	Verified											0															0%		
Adjustment to 2015 savings	True-up											0												0.00%	0.00%	0.00%	0.00%		
Conservation Fund Pilots																													
Conservation Fund Pilot - EnerNOC	Verified											12															0%		
Adjustment to 2015 savings	True-up											12												0.00%	0.00%	0.00%	0.00%		
Loblaws Pilot	Verified											12															0%		
Adjustment to 2015 savings	True-up											12												0.00%	0.00%	0.00%	0.00%		
Conservation Fund Pilot - SEG	Verified											12															0%		
Adjustment to 2015 savings	True-up											12												0.00%	0.00%	0.00%	0.00%		
Social Benchmarking Pilot	Verified											12															0%		
Adjustment to 2015 savings	True-up											12												0.00%	0.00%	0.00%	0.00%		

Conservation First Framework															
Residential Province-Wide Programs															
21	Save on Energy Coupon Program Adjustment to 2015 savings	Verified													
	True-up														0%
22	Save on Energy Heating and Cooling Program Adjustment to 2015 savings	Verified													
	True-up														0%
23	Save on Energy New Construction Program Adjustment to 2015 savings	Verified													
	True-up														0%
24	Save on Energy Home Assistance Program Adjustment to 2015 savings	Verified													
	True-up														0%
Non-Residential Province-Wide Programs															
25	Save on Energy Audit Funding Program Adjustment to 2015 savings	Verified													
	True-up							12							0%
26	Save on Energy Retrofit Program Adjustment to 2015 savings	Verified	43,857	43,857	43,857	43,857			10	10	10	10			
	True-up		121,987	121,987	121,987	121,997			12	27	27	27	27		21% 79% 100%
27	Save on Energy Small Business Lighting Program Adjustment to 2015 savings	Verified							12						
	True-up								12						0%
28	Save on Energy High Performance New Construction Program Adjustment to 2015 savings	Verified							12						
	True-up								12						0%
29	Save on Energy Existing Building Commissioning Program Adjustment to 2015 savings	Verified							3						
	True-up								3						0%
30	Save on Energy Process & Systems Upgrades Program Adjustment to 2015 savings	Verified							12						
	True-up								12						0%
31	Save on Energy Monitoring & Targeting Program Adjustment to 2015 savings	Verified							12						
	True-up								12						0%
32	Save on Energy Energy Manager Program Adjustment to 2015 savings	Verified							12						
	True-up								12						0%
Local & Regional Programs															
33	Business Refrigeration Local Program Adjustment to 2015 savings	Verified							0						
	True-up								0						0%
34	First Nation Conservation Local Program Adjustment to 2015 savings	Verified							0						
	True-up								0						0%
35	Social Benchmarking Local Program Adjustment to 2015 savings	Verified							0						
	True-up								0						0%
Pilot Programs															
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2015 savings	Verified							12						
	True-up								12						0%
37	EnWin Utilities Ltd. - Building Optimization Pilot Adjustment to 2015 savings	Verified							12						
	True-up								12						0%
38	EnWin Utilities Ltd. - Re-Invest Pilot Adjustment to 2015 savings	Verified							12						
	True-up								12						0%
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2015 savings	Verified							12						
	True-up								12						0%
40	Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2015 savings	Verified							12						
	True-up								12						0%
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2015 savings	Verified							12						
	True-up								12						0%
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot Adjustment to 2015 savings	Verified													
	True-up														0%
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV Adjustment to 2015 savings	Verified							12						
	True-up								12						0%

[illegible]

Table 5-b. 2016 Lost Revenues Work Form

[Return to top](#)

	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																							
			2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Residential	GS<50 kW	GS>50 kW	Streetlighting	Total																				
Legacy Framework																									kWh	kWh	kW	kW																				
Residential Program																																																
1	Coupon Initiative	Verified																					0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0%																					
2	Bi-Annual Retailer Event Initiative	Verified																					0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0%																					
3	Appliance Retirement Initiative	Verified																					0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0%																					
4	HVAC Incentives Initiative	Verified																					0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0%																					
5	Residential New Construction and Major Renovation Initiative	Verified																					0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0%																					
Commercial & Institutional Program																																																
6	Energy Audit Initiative	Verified										12											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0%																					
7	Efficiency: Equipment Replacement Incentive Initiative	Verified										12											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0%																					
8	Direct Install Lighting and Water Heating Initiative	Verified										12											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0%																					
9	New Construction and Major Renovation Initiative	Verified										12											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0%																					
10	Existing Building Commissioning Incentive Initiative	Verified										3											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										3											0.00%	0.00%	0.00%	0.00%	0%																					
Industrial Program																																																
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified										12											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0%																					
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified										12											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0%																					
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified										12											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0%																					
Low Income Program																																																
14	Low Income Initiative	Verified										12											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0%																					
Other																																																
15	Aboriginal Conservation Program	Verified										0											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0%																					
16	Program Enabled Savings	Verified										0											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0%																					
Conservation Fund Pilots																																																
17	Conservation Fund Pilot - EnerNOC	Verified										12											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0%																					
18	Loblaws Pilot	Verified	925	925	925							12	0	0									100.00%	0.00%	0.00%	0.00%	100%																					
	Adjustment to 2016 savings	True-up										12											100.00%	0.00%	0.00%	0.00%	100%																					
19	Conservation Fund Pilot - SEG	Verified										12											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0%																					
20	Social Benchmarking Pilot	Verified										12											0.00%	0.00%	0.00%	0.00%	0%																					
	Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0%																					

Table 5-c. 2017 Lost Revenues Work Form

[Return to top](#)

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																				
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2017		2018	2019	2020	2021	2022	2023	2024	2025	2026	Residential	GS<50 kW	GS>50 kW	Streetlighting	Total																		
Legacy Framework																								kWh	kWh	kW	kW																		
Residential Program																																													
Coupon Initiative	Verified																									0%																			
Adjustment to 2017 savings	True-up																					0.00%	0.00%	0.00%	0.00%																				
Bi-Annual Retailer Event Initiative																										0%																			
Adjustment to 2017 savings	True-up																					0.00%	0.00%	0.00%	0.00%																				
Appliance Retirement Initiative																										0%																			
Adjustment to 2017 savings	True-up																					0.00%	0.00%	0.00%	0.00%																				
HVAC Incentives Initiative																										0%																			
Adjustment to 2017 savings	True-up																					0.00%	0.00%	0.00%	0.00%																				
Residential New Construction and Major Renovation Initiative																										0%																			
Adjustment to 2017 savings	True-up																					0.00%	0.00%	0.00%	0.00%																				
Commercial & Institutional Program																																													
Energy Audit Initiative	Verified												12													0%																			
Adjustment to 2017 savings	True-up												12																																
Efficiency: Equipment Replacement Incentive Initiative													12													0%																			
Adjustment to 2017 savings	True-up												12																																
Direct Install Lighting and Water Heating Initiative													12													0%																			
Adjustment to 2017 savings	True-up												12																																
New Construction and Major Renovation Initiative													12													0%																			
Adjustment to 2017 savings	True-up												12																																
Existing Building Commissioning Incentive Initiative													3													0%																			
Adjustment to 2017 savings	True-up												3																																
Industrial Program																																													
Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified												12													0%																			
Adjustment to 2017 savings	True-up												12																																
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative													12													0%																			
Adjustment to 2017 savings	True-up												12																																
Process and Systems Upgrades Initiatives - Energy Manager Initiative													12													0%																			
Adjustment to 2017 savings	True-up												12																																
Low Income Program																																													
Low Income Initiative	Verified												12													0%																			
Adjustment to 2017 savings	True-up												12																																
Other																																													
Aboriginal Conservation Program	Verified												0													0%																			
Adjustment to 2017 savings	True-up												0																																
Program Enabled Savings													0													0%																			
Adjustment to 2017 savings	True-up												0																																
Conservation Fund Pilots																																													
Conservation Fund Pilot - EnerNOC	Verified												12													0%																			
Adjustment to 2017 savings	True-up												12																																
Loblaws Pilot													12													0%																			
Adjustment to 2017 savings	True-up												12																																
Conservation Fund Pilot - SEG													12													0%																			
Adjustment to 2017 savings	True-up												12																																
Social Benchmarking Pilot													12													0%																			
Adjustment to 2017 savings	True-up												12																																

Conservation First Framework																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Residential Province-Wide Programs																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
21	Save on Energy Coupon Program Adjustment to 2017 savings	Verified True-up	5,282,091	4,251,391												366	297																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

Table 5-d. 2018 Lost Revenues Work Form

[Return to top](#)

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				
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2018		2019	2020	2021	2022	2023	2024	2025	2026	2027	Residential	GS<50 kW	GS>50 kW	Streetlighting	Total		
Legacy Framework																													
Residential Program																													
Coupon Initiative	Verified																												
Adjustment to 2018 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0%			
Bi-Annual Retailer Event Initiative	Verified																												
Adjustment to 2018 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0%			
Appliance Retirement Initiative	Verified																												
Adjustment to 2018 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0%			
HVAC Incentives Initiative	Verified																												
Adjustment to 2018 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0%			
Residential New Construction and Major	Verified																												
Adjustment to 2018 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0%			
Commercial & Institutional Program																													
Energy Audit Initiative	Verified											12																	
Adjustment to 2018 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			
Efficiency: Equipment Replacement	Verified											12																	
Incentive Initiative	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			
Adjustment to 2018 savings																													
Direct Install Lighting and Water Heating	Verified											12																	
Initiative	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			
Adjustment to 2018 savings																													
New Construction and Major Renovation	Verified											12																	
Initiative	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			
Adjustment to 2018 savings																													
Existing Building Commissioning Incentive	Verified											3																	
Initiative	True-up											3										0.00%	0.00%	0.00%	0.00%	0%			
Adjustment to 2018 savings																													
Industrial Program																													
Process and Systems Upgrades Initiatives -	Verified											12																	
Project Incentive Initiative	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			
Adjustment to 2018 savings																													
Process and Systems Upgrades Initiatives -	Verified											12																	
Monitoring and Targeting Initiative	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			
Adjustment to 2018 savings																													
Process and Systems Upgrades Initiatives -	Verified											12																	
Energy Manager Initiative	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			
Adjustment to 2018 savings																													
Low Income Program																													
Low Income Initiative	Verified											12																	
Adjustment to 2018 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			
Other																													
Aboriginal Conservation Program	Verified											0																	
Adjustment to 2018 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0%			
Program Enabled Savings	Verified											0																	
Adjustment to 2018 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0%			
Conservation Fund Pilots																													
Conservation Fund Pilot - EnerNOC	Verified											12																	
Adjustment to 2018 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			
Loblaws Pilot	Verified											12																	
Adjustment to 2018 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			
Conservation Fund Pilot - SEG	Verified											12																	
Adjustment to 2018 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			
Social Benchmarking Pilot	Verified											12																	
Adjustment to 2018 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0%			

Conservation First Framework														
Residential Province-Wide Programs														
21	Save on Energy Coupon Program	Verified												
	Adjustment to 2018 savings	True-up												0%
22	Save on Energy Heating and Cooling Program	Verified	399,036											100.00%
	Adjustment to 2018 savings	True-up												100%
23	Save on Energy Instant Discount Program	Verified	2,133,361											100.00%
	Adjustment to 2018 savings	True-up												100.00%
24	Save on Energy Smart Thermostat Program	Verified	53,054											100.00%
	Adjustment to 2018 savings	True-up												100.00%
Non-Residential Province-Wide Programs														
25	Save on Energy Audit Funding Program	Verified												0%
	Adjustment to 2018 savings	True-up						12						0%
26	Save on Energy Retrofit Program	Verified	5,192,386						12	633				7.71%
	Adjustment to 2018 savings	True-up						12						88.73%
27	Save on Energy Small Business Lighting Program	Verified	86,841						12					100.00%
	Adjustment to 2018 savings	True-up						12						100%
28	Save on Energy High Performance New Construction Program	Verified							12					0%
	Adjustment to 2018 savings	True-up						12						0%
29	Save on Energy Existing Building Commissioning Program	Verified							3					0%
	Adjustment to 2018 savings	True-up						3						0%
30	Save on Energy Process & Systems Upgrades Program	Verified							12					0%
	Adjustment to 2018 savings	True-up						12						0%
31	Save on Energy Monitoring & Targeting Program	Verified							12					0%
	Adjustment to 2018 savings	True-up						12						0%
32	Save on Energy Energy Manager Program	Verified							12					0%
	Adjustment to 2018 savings	True-up						12						0%
Local & Regional Programs														
33	Business Refrigeration Local Program	Verified							0					0%
	Adjustment to 2018 savings	True-up						0						0%
34	First Nation Conservation Local Program	Verified							0					0%
	Adjustment to 2018 savings	True-up						0						0%
35	Social Benchmarking Local Program	Verified							0					0%
	Adjustment to 2018 savings	True-up						0						0%
Pilot Programs														
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified							12					0%
	Adjustment to 2018 savings	True-up						12						0%
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified							12					0%
	Adjustment to 2018 savings	True-up						12						0%
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified							12					0%
	Adjustment to 2018 savings	True-up						12						0%
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified							12					0%
	Adjustment to 2018 savings	True-up						12						0%
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified							12					0%
	Adjustment to 2018 savings	True-up						12						0%
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified							12					0%
	Adjustment to 2018 savings	True-up						12						0%
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified												0%
	Adjustment to 2018 savings	True-up												0%
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified							12					0%
	Adjustment to 2018 savings	True-up						12						0%

13 of 13



LRAMVA Work Form: Carrying Charges by Rate Class

Legend

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

Instructions

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

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
---------	---------------------------------------

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

[Go to Tab 1: Summary](#)

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS>50 kW	Streetlighting	Total
Opening Balance for 2018				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-18	2011-2018	Q1	1.50%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-18	2011-2018	Q1	1.50%	\$5.45	\$2.73	\$9.44	\$4.39	\$22.00
Mar-18	2011-2018	Q1	1.50%	\$10.89	\$5.46	\$18.88	\$8.78	\$44.00
Apr-18	2011-2018	Q2	1.89%	\$20.54	\$10.29	\$35.61	\$16.56	\$83.00
May-18	2011-2018	Q2	1.89%	\$27.47	\$13.76	\$47.62	\$22.14	\$111.00
Jun-18	2011-2018	Q2	1.89%	\$34.16	\$17.11	\$59.20	\$27.53	\$138.00
Jul-18	2011-2018	Q3	1.89%	\$54.70	\$27.40	\$94.81	\$44.09	\$221.00
Aug-18	2011-2018	Q3	1.89%	\$66.83	\$33.48	\$115.83	\$53.87	\$270.00
Sep-18	2011-2018	Q3	1.89%	\$78.95	\$39.56	\$136.85	\$63.64	\$319.00
Oct-18	2011-2018	Q4	2.17%	\$104.45	\$52.33	\$181.04	\$84.19	\$422.00
Nov-18	2011-2018	Q4	2.17%	\$118.55	\$59.40	\$205.49	\$95.56	\$479.00
Dec-18	2011-2018	Q4	2.17%	\$132.41	\$66.34	\$229.52	\$106.73	\$535.00
Total for 2018				\$654.39	\$327.86	\$1,134.28	\$527.48	\$2,644.00
Amount Cleared								
Opening Balance for 2019				\$654.39	\$327.86	\$1,134.28	\$527.48	\$2,644.00
Jan-19	2011-2019	Q1	2.45%	\$187.36	\$93.87	\$324.75	\$151.02	\$757.00
Feb-19	2011-2019	Q1	2.45%	\$187.36	\$93.87	\$324.75	\$151.02	\$757.00
Mar-19	2011-2019	Q1	2.45%	\$187.36	\$93.87	\$324.75	\$151.02	\$757.00
Apr-19	2011-2019	Q2	2.18%	\$166.82	\$83.58	\$289.15	\$134.46	\$674.00
May-19	2011-2019	Q2	2.18%	\$166.82	\$83.58	\$289.15	\$134.46	\$674.00
Jun-19	2011-2019	Q2	2.18%	\$166.82	\$83.58	\$289.15	\$134.46	\$674.00
Jul-19	2011-2019	Q3	2.18%	\$166.82	\$83.58	\$289.15	\$134.46	\$674.00
Aug-19	2011-2019	Q3	2.18%	\$166.82	\$83.58	\$289.15	\$134.46	\$674.00
Sep-19	2011-2019	Q3	2.18%	\$166.82	\$83.58	\$289.15	\$134.46	\$674.00
Oct-19	2011-2019	Q4	2.18%	\$166.82	\$83.58	\$289.15	\$134.46	\$674.00
Nov-19	2011-2019	Q4	2.18%	\$166.82	\$83.58	\$289.15	\$134.46	\$674.00
Dec-19	2011-2019	Q4	2.18%	\$166.82	\$83.58	\$289.15	\$134.46	\$674.00
Total for 2019				\$2,717.80	\$1,361.64	\$4,710.85	\$2,190.71	\$10,981.00
Amount Cleared								
Opening Balance for 2020				\$2,717.80	\$1,361.64	\$4,710.85	\$2,190.71	\$10,981.00
Jan-20	2011-2020	Q1	2.18%	\$171.77	\$86.06	\$297.73	\$138.45	\$694.00
Feb-20	2011-2020	Q1	2.18%	\$171.77	\$86.06	\$297.73	\$138.45	\$694.00
Mar-20	2011-2020	Q1	2.18%	\$171.77	\$86.06	\$297.73	\$138.45	\$694.00
Apr-20	2011-2020	Q2	2.18%	\$171.77	\$86.06	\$297.73	\$138.45	\$694.00
May-20	2011-2020	Q2	2.18%	\$171.77	\$86.06	\$297.73	\$138.45	\$694.00
Jun-20	2011-2020	Q2	2.18%	\$171.77	\$86.06	\$297.73	\$138.45	\$694.00
Jul-20	2011-2020	Q3	0.57%	\$44.80	\$22.44	\$77.65	\$36.11	\$181.00
Aug-20	2011-2020	Q3	0.57%	\$44.80	\$22.44	\$77.65	\$36.11	\$181.00
Sep-20	2011-2020	Q3	0.57%	\$44.80	\$22.44	\$77.65	\$36.11	\$181.00
Oct-20	2011-2020	Q4	0.57%	\$44.80	\$22.44	\$77.65	\$36.11	\$181.00
Nov-20	2011-2020	Q4	0.57%	\$44.80	\$22.44	\$77.65	\$36.11	\$181.00
Dec-20	2011-2020	Q4	0.57%	\$44.80	\$22.44	\$77.65	\$36.11	\$181.00
Total for 2020				\$4,017.17	\$2,012.64	\$6,963.10	\$3,238.08	\$16,231.00
Amount Cleared								

Table 6-b. Calculation of Carrying Charges by Rate Class

Month	Cumulative Balance	Carrying Charges	Cumulative Carrying Charges	Balance including Carrying Charges
Opening Balance for 2018	0			
Jan-18	\$ 17,561.41	\$ -	\$ -	\$ 17,561.41
Feb-18	\$ 35,122.82	\$ 22.00	\$ 22.00	\$ 35,144.82
Mar-18	\$ 52,684.23	\$ 44.00	\$ 66.00	\$ 52,750.23
Apr-18	\$ 70,245.64	\$ 83.00	\$ 149.00	\$ 70,394.64
May-18	\$ 87,807.05	\$ 111.00	\$ 260.00	\$ 88,067.05
Jun-18	\$ 140,089.69	\$ 138.00	\$ 398.00	\$ 140,487.69
Jul-18	\$ 171,363.88	\$ 221.00	\$ 619.00	\$ 171,982.88
Aug-18	\$ 202,638.07	\$ 270.00	\$ 889.00	\$ 203,527.07
Sep-18	\$ 233,338.21	\$ 319.00	\$ 1,208.00	\$ 234,546.21
Oct-18	\$ 264,612.40	\$ 422.00	\$ 1,630.00	\$ 266,242.40
Nov-18	\$ 295,886.59	\$ 479.00	\$ 2,109.00	\$ 297,995.59
Dec-18	\$ 370,734.93	\$ 535.00	\$ 2,644.00	\$ 373,378.93

Opening Balance for 2019	\$ 370,734.93			
Jan-19	\$ 370,734.93	\$ 757.00	\$ 3,401.00	\$ 374,135.93
Feb-19	\$ 370,734.93	\$ 757.00	\$ 4,158.00	\$ 374,892.93
Mar-19	\$ 370,734.93	\$ 757.00	\$ 4,915.00	\$ 375,649.93
Apr-19	\$ 370,734.93	\$ 674.00	\$ 5,589.00	\$ 376,323.93
May-19	\$ 370,734.93	\$ 674.00	\$ 6,263.00	\$ 376,997.93
Jun-19	\$ 370,734.93	\$ 674.00	\$ 6,937.00	\$ 377,671.93
Jul-19	\$ 370,734.93	\$ 674.00	\$ 7,611.00	\$ 378,345.93
Aug-19	\$ 370,734.93	\$ 674.00	\$ 8,285.00	\$ 379,019.93
Sep-19	\$ 370,734.93	\$ 674.00	\$ 8,959.00	\$ 379,693.93
Oct-19	\$ 370,734.93	\$ 674.00	\$ 9,633.00	\$ 380,367.93
Nov-19	\$ 370,734.93	\$ 674.00	\$ 10,307.00	\$ 381,041.93
Dec-19	\$ 381,829.16	\$ 674.00	\$ 10,981.00	\$ 392,810.16

Opening Balance for 2020	\$ 381,829.16			
Jan-20	\$ 381,829.16	\$ 694.00	\$ 11,675.00	\$ 393,504.16
Feb-20	\$ 381,829.16	\$ 694.00	\$ 12,369.00	\$ 394,198.16
Mar-20	\$ 381,829.16	\$ 694.00	\$ 13,063.00	\$ 394,892.16
Apr-20	\$ 381,829.16	\$ 694.00	\$ 13,757.00	\$ 395,586.16
May-20	\$ 381,829.16	\$ 694.00	\$ 14,451.00	\$ 396,280.16
Jun-20	\$ 381,829.16	\$ 694.00	\$ 15,145.00	\$ 396,974.16
Aug-20	\$ 381,829.16	\$ 181.00	\$ 15,326.00	\$ 397,155.16
Aug-20	\$ 381,829.16	\$ 181.00	\$ 15,507.00	\$ 397,336.16
Sep-20	\$ 381,829.16	\$ 181.00	\$ 15,688.00	\$ 397,517.16
Oct-20	\$ 381,829.16	\$ 181.00	\$ 15,869.00	\$ 397,698.16
Nov-20	\$ 381,829.16	\$ 181.00	\$ 16,050.00	\$ 397,879.16
Dec-20	\$ 381,829.16	\$ 181.00	\$ 16,231.00	\$ 398,060.16

Prescribed Interest Rate

Quarter	Approved Deferral & Variance Accounts
2018 Q1	1.50%
2018 Q1	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q2	1.89%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q3	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2018 Q4	2.17%
2018 Q4	2.17%

2019 Q1	2.45%
2019 Q1	2.45%
2019 Q1	2.45%
2019 Q2	2.18%
2019 Q2	2.18%
2019 Q2	2.18%
2019 Q3	2.18%
2019 Q3	2.18%
2019 Q3	2.18%
2019 Q4	2.18%
2019 Q4	2.18%
2019 Q4	2.18%

2020 Q1	2.18%
2020 Q1	2.18%
2020 Q1	2.18%
2020 Q2	2.18%
2020 Q2	2.18%
2020 Q2	2.18%
2020 Q3	0.57%
2020 Q3	0.57%
2020 Q3	0.57%
2020 Q4	0.57%
2020 Q4	0.57%
2020 Q4	0.57%

Residential	GS<50 kW	GS>50 kW	Streetlighting	Total
24.75%	12.40%	42.90%	19.95%	100.00%
0	0	0	0	0.00
\$ 5.45	\$ 2.73	\$ 9.44	\$ 4.39	\$ 22.00
\$ 10.89	\$ 5.46	\$ 18.88	\$ 8.78	\$ 44.00
\$ 20.54	\$ 10.29	\$ 35.61	\$ 16.56	\$ 83.00
\$ 27.47	\$ 13.76	\$ 47.62	\$ 22.14	\$ 111.00
\$ 34.16	\$ 17.11	\$ 59.20	\$ 27.53	\$ 138.00
\$ 54.70	\$ 27.40	\$ 94.81	\$ 44.09	\$ 221.00
\$ 66.83	\$ 33.48	\$ 115.83	\$ 53.87	\$ 270.00
\$ 78.95	\$ 39.56	\$ 136.85	\$ 63.64	\$ 319.00
\$ 104.45	\$ 52.33	\$ 181.04	\$ 84.19	\$ 422.00
\$ 118.55	\$ 59.40	\$ 205.49	\$ 95.56	\$ 479.00
\$ 132.41	\$ 66.34	\$ 229.52	\$ 106.73	\$ 535.00

\$ 187.36	\$ 93.87	\$ 324.75	\$ 151.02	\$ 757.00
\$ 187.36	\$ 93.87	\$ 324.75	\$ 151.02	\$ 757.00
\$ 187.36	\$ 93.87	\$ 324.75	\$ 151.02	\$ 757.00
\$ 166.82	\$ 83.58	\$ 289.15	\$ 134.46	\$ 674.00
\$ 166.82	\$ 83.58	\$ 289.15	\$ 134.46	\$ 674.00
\$ 166.82	\$ 83.58	\$ 289.15	\$ 134.46	\$ 674.00
\$ 166.82	\$ 83.58	\$ 289.15	\$ 134.46	\$ 674.00
\$ 166.82	\$ 83.58	\$ 289.15	\$ 134.46	\$ 674.00
\$ 166.82	\$ 83.58	\$ 289.15	\$ 134.46	\$ 674.00
\$ 166.82	\$ 83.58	\$ 289.15	\$ 134.46	\$ 674.00
\$ 166.82	\$ 83.58	\$ 289.15	\$ 134.46	\$ 674.00
\$ 166.82	\$ 83.58	\$ 289.15	\$ 134.46	\$ 674.00

\$ 171.77	\$ 86.06	\$ 297.73	\$ 138.45	\$ 694.00
\$ 171.77	\$ 86.06	\$ 297.73	\$ 138.45	\$ 694.00
\$ 171.77	\$ 86.06	\$ 297.73	\$ 138.45	\$ 694.00
\$ 171.77	\$ 86.06	\$ 297.73	\$ 138.45	\$ 694.00
\$ 171.77	\$ 86.06	\$ 297.73	\$ 138.45	\$ 694.00
\$ 171.77	\$ 86.06	\$ 297.73	\$ 138.45	\$ 694.00
\$ 44.80	\$ 22.44	\$ 77.65	\$ 36.11	\$ 181.00
\$ 44.80	\$ 22.44	\$ 77.65	\$ 36.11	\$ 181.00
\$ 44.80	\$ 22.44	\$ 77.65	\$ 36.11	\$ 181.00
\$ 44.80	\$ 22.44	\$ 77.65	\$ 36.11	\$ 181.00
\$ 44.80	\$ 22.44	\$ 77.65	\$ 36.11	\$ 181.00
\$ 44.80	\$ 22.44	\$ 77.65	\$ 36.11	\$ 181.00

\$ 4,017.17	\$ 2,012.64	\$ 6,963.10	\$ 3,238.08	\$ 16,231.00
-------------	-------------	-------------	-------------	--------------



Supporting Documentation: LDC Persistence Savings Results from IESO

Legend

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

Instructions (Steps)

- Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.
 - Please identify the source of the report via the dropdown list in Column I.
 - To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.
 - Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future.
 - Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.
- NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.**

Table 7. 2011-2020 Verified Program Results and Persistence into Future Years

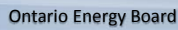
Portfolio	#1	Program	Initiative	LDC	Sector	Conservation Resource	#3 (Implementation Year)	#2 Identify Source of Report	#4 Identify Status of Savings	#1 Net Verified Annual Peak Demand Savings at the End-User Level (kW)												#2 Net Verified Annual Energy Savings at the End-User Level (kWh)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
										#1												#2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
										2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Tier 1	Consumer	Appliance Exchange	Whitby Hydro Electric Corporation	Residential	EE	2011	2011 Results Persistence	Current year savings		2	2	2	1	30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</

Whitby Hydro Electric Corporation		2019 CDM Plan Forecast		6-year CDM Plan Forecast	
As of:	15-Apr-19	% kWh Target	% Budget Spent	% kWh Target	% Budget Spent
Residential (Province-Wide)	Program				
	Save on Energy Coupon Program	0%	1%	156%	90%
	Save on Energy Heating and Cooling Program	1%	13%	77%	61%
	Save on Energy Home Assistance Program	0%	0%	48%	25%
	Save on Energy Instant Discount Program				
	Save on Energy New Construction Program	0%	0%	0%	0%
	Save on Energy Smart Thermostat Program				
	Save on Energy Whole Home Program				
Residential Programs Total		0%	13%	183%	81%
Non-Residential (Province-Wide)	Save on Energy Audit Funding Program	0%	0%	7%	9%
	Save on Energy Retrofit Program	5%	37%	66%	47%
	Save on Energy Retrofit Program - P4P				
	Save on Energy Retrofit Program Enabled Savings				
	Save on Energy Small Business Lighting Program	5%	3%	21%	7%
	Save on Energy Business Refrigeration Program	0%	0%	0%	0%
	Save on Energy Energy Performance Program				
	Save on Energy Existing Building Commissioning Program	0%	0%	0%	0%
	Save on Energy High Performance New Construction Program	0%	0%	0%	1%
	Save on Energy High Performance New Construction Program Enabled Savings				
	Save on Energy Process & Systems Upgrades Program	0%	0%	0%	5%
	Save on Energy Process & Systems Upgrades Program - P4P				
	Save on Energy Process & Systems Upgrades Program Enabled Savings				
	Save on Energy Energy Manager Program	0%	0%	9%	11%
	Save on Energy Monitoring & Targeting Program	0%	0%	0%	4%
Non-Residential Programs Total		1%	10%	41%	29%
<	Local LDC Programs	0%	0%	0%	1%
<	LDC Innovation Pilots				
Target Gap					
Non-Approved Program					
Unassigned Program					
Energy Savings from 2011-2014 Framework				106%	
<					
TOTAL Conservation First (CDM Plan Forecast)		1%	10%	72%	41%
TOTAL Conservation First (Target and Budget Allocation)				72%	41%

Count
(Incremental)

By Month							
YTD	PTD	2015 Year to Date	2016 Year to Date	2017 Year to Date	2018 Unverified Year to Date	2019 Unverified Year to Date	Program to Date
% Total	% Total	kWh	kWh	kWh	kWh	kWh	kWh
0%	25%		6,046,714	5,290,642			11,337,356
3%	6%		1,029,126	1,115,813	399,036	6,930	2,550,905
0%	0%		6,075	74,150			80,225
0%	16%			4,977,309	2,133,361		7,110,671
0%	0%						
0%	0%			17,945	53,054		70,998
0%	0%			61,141			61,141
3%	47%		7,081,915	11,537,000	2,585,451	6,930	21,211,296
0%	0%			65,334			65,334
87%	35%	285,380	4,808,123	5,321,597	5,192,386	194,505	15,801,990
0%	0%						
0%	0%						
10%	1%			247,325	86,841	21,816	355,983
0%	0%						
0%	1%			397,410			397,410
0%	0%						
0%	0%						
0%	0%						
0%	0%						
0%	0%						
0%	0%		3,366	62,740			66,106
0%	0%						
97%	37%	285,380	4,811,488	6,094,406	5,279,227	216,322	16,686,823
0%	0%						
0%	0%		925				925
0%	15%	6,783,224					6,783,224
100%	100%	7,068,604	11,894,328	17,631,406	7,864,679	223,252	44,682,268

	kWh	kW
Residential	2,585,451	
GS<50	86,841	
Retro	5,192,386	
Retro		
GS<50	400,182	
GS>50	4,792,204	
Total		
Residential	2,585,451	
GS<50	487,024	71
GS>50	4,792,204	561
Total	7,864,679	633



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: Town of Whitby

Summary of Project #1

Actual lost revenue based on kW billing																	
Month	Billed amount change (kW)	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Gross kW reduction	Net to Gross Ratio	Net kW reduction	
	a													b	c	b * c	
Jul-15	87.92	87.92	87.92	87.92	87.92	87.92	87.92	87.92	87.92	87.92	87.92	87.92	87.92	1,054.99	76.77%	809.88	
Aug-15	59.90	59.90	59.90	59.90	59.90	59.90	59.90	59.90	59.90	59.90	59.90	59.90	59.90	718.82	76.77%	551.81	
Sep-15	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	1,031.90	76.77%	792.12	
Oct-15	41.56	41.56	41.56	41.56	41.56	41.56	41.56	41.56	41.56	41.56	41.56	41.56	41.56	498.66	76.77%	382.80	
Nov-15	85.60	85.60	85.60	85.60	85.60	85.60	85.60	85.60	85.60	85.60	85.60	85.60	85.60	1,027.14	76.77%	788.50	
Dec-15	43.60	43.60	43.60	43.60	43.60	43.60	43.60	43.60	43.60	43.60	43.60	43.60	43.60	523.21	76.77%	401.65	
Actual Savings in 2018																3,726.79	
Distribution Rate in 2018																7.0858	
Lost Revenue in 2018 from 2015 ST conversions																\$26,407.28	
Jan-16	23.48	23.48	23.48	23.48	23.48	23.48	23.48	23.48	23.48	23.48	23.48	23.48	23.48	281.74	60.98%	171.79	
Feb-16	68.99	68.99	68.99	68.99	68.99	68.99	68.99	68.99	68.99	68.99	68.99	68.99	68.99	827.82	60.98%	504.77	
Mar-16	182.79	182.79	182.79	182.79	182.79	182.79	182.79	182.79	182.79	182.79	182.79	182.79	182.79	2,193.53	60.98%	1,337.55	
Apr-16	90.50	90.50	90.50	90.50	90.50	90.50	90.50	90.50	90.50	90.50	90.50	90.50	90.50	1,086.04	60.98%	662.22	
May-16	60.03	60.03	60.03	60.03	60.03	60.03	60.03	60.03	60.03	60.03	60.03	60.03	60.03	720.41	60.98%	439.28	
Jun-16	42.72	42.72	42.72	42.72	42.72	42.72	42.72	42.72	42.72	42.72	42.72	42.72	42.72	512.64	60.98%	312.59	
Aug-16	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	151.16	60.98%	92.17	
Sep-16	32.68	32.68	32.68	32.68	32.68	32.68	32.68	32.68	32.68	32.68	32.68	32.68	32.68	392.16	60.98%	239.12	
Oct-16	67.20	67.20	67.20	67.20	67.20	67.20	67.20	67.20	67.20	67.20	67.20	67.20	67.20	806.38	60.98%	491.70	
Nov-16	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	203.60	60.98%	124.15	
Actual Savings in 2016																4,375.32	
Distribution Rate in 2016																7.0858	
Lost Revenue in 2016 from 2016 ST conversions																\$31,002.67	
Oct-17	29.80	29.80	29.80	29.80	29.80	29.80	29.80	29.80	29.80	29.80	29.80	29.80	29.80	357.55	89.18%	318.88	
Nov-17	80.25	80.25	80.25	80.25	80.25	80.25	80.25	80.25	80.25	80.25	80.25	80.25	80.25	963.01	89.18%	858.86	
Dec-17	43.13	43.13	43.13	43.13	43.13	43.13	43.13	43.13	43.13	43.13	43.13	43.13	43.13	517.61	89.18%	461.63	
Actual Savings in 2018																1,639.37	
Distribution Rate in 2018																7.0858	
Lost Revenue in 2018 from 2017 ST conversions																\$11,616.25	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
Jan-18	45.61	45.61	45.61	45.61	45.61	45.61	45.61	45.61	45.61	45.61	45.61	45.61	45.61	501.69	89.18%	447.43	
Feb-18	22.40	0.00	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	199.29	89.18%	199.79	
Mar-18	33.62	0.00	0.00	33.62	33.62	33.62	33.62	33.62	33.62	33.62	33.62	33.62	33.62	302.54	89.18%	269.82	
Apr-18	4.48	0.00	0.00	0.00	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	35.82	89.18%	31.94	
Jun-18	0.11	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.83	89.18%	0.56	
Aug-18	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	1.72	1.72	1.72	1.72	6.96	89.18%	6.12	
Sep-18	8.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.69	8.69	8.69	8.69	8.69	26.07	89.18%	23.25	
Oct-18	12.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.42	12.42	12.42	24.83	89.18%	22.15	
Nov-18	11.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.18	11.18	11.18	89.18%	9.97	
Actual Savings in 2018																1,011.04	
Distribution Rate in 2018																7.0858	
Lost Revenue in 2018 from 2018 ST conversions																\$7,164.03	
Total Lost Revenues in 2018																\$ 76,190.23	

Details of Project #1 (Month, Year)

Pre-conversion billing demand

Fixture type	Billing	Quantity	Billed amount (kW)
	Wattage (kW)		
	d	e	d * e
Jul-15			
130	0.130	36	4.68
130	0.130	102	13.26
130	0.130	119	15.47
320	0.320	309	98.88
Aug-15			
130	0.130	284	36.92
130	0.130	342	44.46
320	0.320	12	3.84
Sep-15			
130	0.130	903	117.39
320	0.320	1	0.32
Oct-15			
130	0.130	414	53.82
130	0.130	25	3.25
Nov-15			
130	0.130	901	117.13
Dec-15			
130	0.130	443	57.59
130	0.130	12	1.56
250	0.250	4	1.00
Jan-16			
130	0.130	76	9.88
130	0.130	14	1.82
320	0.320	72	23.04
485	0.485	3	1.46
Feb-16			
95	0.095	24	2.28
130	0.130	33	4.29
130	0.130	3	0.39
320	0.320	313	100.16
Mar-16			
130	0.130	35	4.55
320	0.320	867	277.44
Apr-16			
130	0.130	214	27.82
320	0.320	339	108.48
May-16			
130	0.130	379	49.27
130	0.130	1	0.13
320	0.320	116	37.12
Jun-16			
130	0.130	129	16.77
130	0.130	7	0.91
250	0.250	2	0.50
320	0.320	76	24.32
300	0.300	72	21.60
485	0.485	1	0.49
Aug-16			
130	0.130	99	12.87
130	0.130	42	5.46
Sep-16			
130	0.130	292	37.96
130	0.130	65	8.45
Oct-16			
130	0.130	2	0.26
130	0.130	654	85.02
130	0.130	64	8.32
Nov-16			
130	0.130	133	17.29
130	0.130	57	7.41
Oct-17			
130	0.130	382	49.66
Nov-17			
130	0.130	29	3.77
130	0.130	807	104.91
130	0.130	69	8.97
130	0.130	9	1.17
130	0.130	30	3.90
320	0.320	1	0.32
320	0.320	15	4.80
320	0.320	16	5.12
320	0.320	12	3.84
Dec-17			
130	0.130	4	0.52
130	0.130	414	53.82
130	0.130	20	2.60
130	0.130	6	0.78
130	0.130	10	1.30

Post-conversion billing demand

Fixture type	Billing	Quantity	Billed amount (kW)
	Wattage (kW)		
	d ₁	e ₁	d ₁ * e ₁
Jul-15			
28	0.028	36	1.01
35	0.035	102	3.57
41	0.041	119	4.88
113	0.113	309	34.92
Aug-15			
35	0.035	284	9.94
41	0.041	342	14.02
113	0.113	12	1.36
Sep-15			
35	0.035	903	31.61
113	0.113	1	0.11
Oct-15			
35	0.035	414	14.49
41	0.041	25	1.03
Nov-15			
35	0.035	901	31.54
Dec-15			
35	0.035	443	15.51
54	0.054	12	0.65
99	0.099	4	0.40
Jan-16			
35	0.035	76	2.66
113	0.113	14	1.58
113	0.113	72	8.14
113	0.113	3	0.34
Feb-16			
53	0.053	24	1.27
35	0.035	33	1.16
113	0.113	3	0.34
113	0.113	313	35.37
Mar-16			
35	0.035	35	1.23
113	0.113	867	97.97
Apr-16			
35	0.035	214	7.49
113	0.113	339	38.31
May-16			
35	0.035	379	13.27
113	0.113	1	0.11
113	0.113	116	13.11
Jun-16			
35	0.035	129	4.52
41	0.041	7	0.29
113	0.113	2	0.23
113	0.113	76	8.59
113	0.113	72	8.14
113	0.113	1	0.11
Aug-16			
35	0.035	99	3.47
54	0.054	42	2.27
Sep-16			
35	0.035	292	10.22
54	0.054	65	3.51
Oct-16			
28	0.028	2	0.06
35	0.035	654	22.89
54	0.054	64	3.46
Nov-16			
35	0.035	133	4.66
54	0.054	57	3.08
Nov-17			
52	0.052	382	19.86
Dec-17			
46	0.046	29	1.33
52	0.052	807	41.96
80	0.080	69	5.52
92	0.092	9	0.83
108	0.108	30	3.24
52	0.052	1	0.05
69	0.069	15	1.04
80	0.080	16	1.28
108	0.108	12	1.30
Dec-17			
46	0.046	4	0.18
52	0.052	414	21.53
54	0.054	20	1.08
69	0.069	6	0.41
80	0.080	10	0.80

Summary

Conversion Month	PRE- Conversion Gross kW	POST- Conversion Gross kW	Gross kW reduction
			a
Jul-15	132.29	44.37	87.92
Aug-15	85.22	25.32	59.90
Sep-15	117.71	31.72	85.99
Oct-15	57.07	15.52	41.56
Nov-15	117.13	31.54	85.60
Dec-15	60.15	16.55	43.60
Jan-16	36.20	12.72	23.48
Feb-16	107.12	38.14	68.99
Mar-16	281.99	99.20	182.79
Apr-16	136.30	45.80	90.50
May-16	86.52	26.49	60.03
Jun-16	64.59	21.87	42.72
Aug-16	18.33	5.73	12.60
Sep-16	46.41	13.73	32.68
Oct-16	93.60	26.40	67.20
Nov-16	24.70	7.73	16.97
Oct-17	49.66	19.86	29.80
Nov-17	136.80	56.55	80.25
Dec-17	70.48	27.35	43.13
Jan-18	74.22	28.61	45.61
Feb-18	37.99	15.59	22.40
Mar-18	52.08	18.46	33.62
Apr-18	7.19	2.71	4.48
Jun-18	0.13	0.03	0.11
Aug-18	2.86	1.14	1.72
Sep-18	14.81	6.12	8.69
Oct-18	20.04	7.62	12.42
Nov-18	15.03	3.85	11.18
Total	1,946.61	650.70	1,295.91

130	0.130	4	0.52
190	0.190	2	0.38
320	0.320	14	4.48
320	0.320	19	6.08
Jan-18			
130	0.130	11	1.43
130	0.130	34	4.42
130	0.130	19	2.47
130	0.130	216	28.08
130	0.130	78	10.14
130	0.130	26	3.38
130	0.130	13	1.69
130	0.130	6	0.78
130	0.130	3	0.39
130	0.320	1	0.32
320	0.320	4	1.28
320	0.320	62	19.84
Feb-18			
130	0.130	16	2.08
130	0.130	8	1.04
130	0.130	17	2.21
130	0.130	22	2.86
130	0.130	56	7.28
130	0.130	20	2.60
130	0.130	40	5.20
130	0.130	10	1.30
130	0.130	20	2.60
130	0.130	2	0.26
320	0.320	18	5.76
320	0.320	9	2.88
320	0.320	6	1.92
Mar-18			
130	0.130	22	2.86
130	0.130	243	31.59
130	0.130	19	2.47
130	0.130	19	2.47
130	0.130	22	2.86
130	0.130	21	2.73
130	0.130	11	1.43
130	0.130	2	0.26
130	0.130	16	2.08
130	0.130	1	0.13
320	0.320	10	3.20
Apr-18			
130	0.130	19	2.47
130	0.130	27	3.51
130	0.130	2	0.26
190	0.190	2	0.38
190	0.190	3	0.57
Jun-18			
130	0.130	1	0.13
Aug-18			
130	0.130	22	2.86
Sep-18			
130	0.130	16	2.08
130	0.130	44	5.72
190	0.190	1	0.19
190	0.190	27	5.13
130	0.130	13	1.69
Oct-18			
130	0.130	2	0.26
320	0.320	16	5.12
320	0.320	14	4.48
320	0.320	11	3.52
130	0.130	15	1.95
130	0.130	12	1.56
130	0.130	1	0.13
130	0.130	6	0.78
320	0.320	7	2.24
Nov-18			
320	0.320	2	0.64
320	0.320	2	0.64
130	0.130	22	2.86
130	0.130	1	0.13
320	0.320	32	10.24
130	0.130	4	0.52

Total		11,381.00	1,946.61
-------	--	-----------	----------

92	0.092	4	0.37
52	0.052	2	0.10
80	0.080	14	1.12
92	0.092	19	1.75
Jan-18			
41	0.041	11	0.45
42	0.042	34	1.43
48	0.048	19	0.91
52	0.052	216	11.23
54	0.054	78	4.21
60	0.060	26	1.56
69	0.069	13	0.90
80	0.080	6	0.48
108	0.108	3	0.32
52	0.052	1	0.05
92	0.092	4	0.37
108	0.108	62	6.70
Feb-18			
41	0.041	16	0.66
42	0.042	8	0.34
46	0.046	17	0.78
48	0.048	22	1.06
52	0.052	56	2.91
69	0.069	20	1.38
80	0.080	40	3.20
92	0.092	10	0.92
99	0.099	20	1.98
133	0.133	2	0.27
46	0.046	18	0.83
80	0.080	9	0.72
92	0.092	6	0.55
Mar-18			
35	0.035	22	0.77
42	0.042	243	10.21
46	0.046	19	0.87
48	0.048	19	0.91
52	0.052	22	1.14
54	0.054	21	1.13
69	0.069	11	0.76
80	0.080	2	0.16
92	0.092	16	1.47
113	0.113	1	0.11
92	0.092	10	0.92
Apr-18			
35	0.035	19	0.67
52	0.052	27	1.40
80	0.080	2	0.16
80	0.080	2	0.16
108	0.108	3	0.32
Jun-18			
25	0.025	1	0.03
Aug-18			
52	0.052	22	1.14
Sep-18			
25	0.025	16	0.40
52	0.052	44	2.29
75	0.075	1	0.08
80	0.080	27	2.16
92	0.092	13	1.20
Oct-18			
52	0.052	2	0.10
158	0.158	16	2.53
113	0.113	14	1.58
133	0.133	11	1.46
35	0.035	15	0.53
46	0.046	12	0.55
54	0.054	1	0.05
60	0.060	6	0.36
65	0.065	7	0.46
Nov-18			
113	0.113	2	0.23
158	0.158	2	0.32
41	0.041	22	0.90
52	0.052	1	0.05
65	0.065	32	2.08
69	0.069	4	0.28

		11,381.00	650.70
--	--	-----------	--------

APPENDIX B:
2020 CURRENT APPROVED TARIFF
OF RATES AND CHARGES

Elexicon Energy Inc.
For The Whitby Rate Zone
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-2019-0130

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to detached, semi-detached or freehold townhouse dwelling units. Energy is supplied to residential customers as single phase, three wire, 60 Hertz, having a normal voltage of 120/240 Volts up to a maximum of 200 Amps per dwelling unit. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	32.02
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0070

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

Elexicon Energy Inc.
For The Whitby Rate Zone
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-2019-0130

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, shall include small apartment buildings and smaller commercial, industrial, and institutional developments. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	26.91
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0200
Low Voltage Service Rate	\$/kWh	0.0009
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065

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

Elexicon Energy Inc.
For The Whitby Rate Zone
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-2019-0130

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW and includes apartment buildings, and commercial, industrial, and institutional developments. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	204.98
Distribution Volumetric Rate	\$/kW	4.0939
Low Voltage Service Rate	\$/kW	0.3181
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	0.1593
Retail Transmission Rate - Network Service Rate	\$/kW	2.8962
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4776

Elexicon Energy Inc.
For The Whitby Rate Zone
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-2019-0130

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

Elexicon Energy Inc.
For The Whitby Rate Zone
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-2019-0130

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account 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, decorative lighting, bill boards, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	9.97
Distribution Volumetric Rate	\$/kWh	0.0318
Low Voltage Service Rate	\$/kWh	0.0009
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065

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

Elexicon Energy Inc.
For The Whitby Rate Zone
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-2019-0130

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per light)	\$	5.86
Distribution Volumetric Rate	\$/kW	15.7612
Retail Transmission Rate - Network Service Rate	\$/kW	2.1954
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9556

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

Elexicon Energy Inc.
For The Whitby Rate Zone
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-2019-0130

STREET LIGHTING SERVICE CLASSIFICATION

This classification relates to the supply of power for street lighting installations. Street lighting design and installations shall be in accordance with the requirements of Whitby Hydro, Town of Whitby specifications and ESA. The Town of Whitby retains ownership of the street lighting system on municipal roadways. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per light)	\$	1.80
Distribution Volumetric Rate	\$/kW	6.8961
Low Voltage Service Rate	\$/kW	0.2459
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	6.1889
Retail Transmission Rate - Network Service Rate	\$/kW	2.1843
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9154

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

Elexicon Energy Inc.
For The Whitby Rate Zone
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-2019-0130

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

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)

Elexicon Energy Inc.
For The Whitby Rate Zone
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-2019-0130

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Easement Letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned Cheque (plus bank charges)	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Legal letter charge	\$	15.00

Non-Payment of Account

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection charge - at meter - during regular hours	\$	65.00
Reconnection charge - at meter - after regular hours	\$	185.00
Reconnection charge - at pole - during regular hours	\$	185.00
Reconnection charge - at pole - after regular hours	\$	415.00

Other

Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00
Temporary service - install & remove - overhead - with transformer	\$	1,000.00
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	44.50

Elexicon Energy Inc.
For The Whitby Rate Zone
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-2019-0130

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
Notice of switch letter charge, per letter (unless the distributor has opted out of applying for the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.04

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	1.0454
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0349

APPENDIX C:
2021 PROPOSED TARIFF OF RATES
AND CHARGES

Elexicon Energy Inc.
For The Whitby Rate Zone
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-2020-0012

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to detached, semi-detached or freehold townhouse dwelling units. Energy is supplied to residential customers as single phase, three wire, 60 Hertz, having a normal voltage of 120/240 Volts up to a maximum of 200 Amps per dwelling unit. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	32.47
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0016
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0022)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0077
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067

MONTHLY RATES AND CHARGES - Regulatory Component

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

Elexicon Energy Inc.

For The Whitby Rate Zone

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**

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, shall include small apartment buildings and smaller commercial, industrial, and institutional developments. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	27.29
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0203
Low Voltage Service Rate	\$/kWh	0.0009
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0016
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0020)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0063

MONTHLY RATES AND CHARGES - Regulatory Component

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

Elexicon Energy Inc.
For The Whitby Rate Zone
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**

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW and includes apartment buildings, and commercial, industrial, and institutional developments. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

Elexicon Energy Inc.
For The Whitby Rate Zone
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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	207.85
Distribution Volumetric Rate	\$/kW	4.1512
Low Voltage Service Rate	\$/kW	0.3181
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0016
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	0.1778
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	(1.0536)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	0.2366
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	\$/kW	(0.0511)
Retail Transmission Rate - Network Service Rate	\$/kW	2.7717
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3826

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

Elexicon Energy Inc.

For The Whitby Rate Zone

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**

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account 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, decorative lighting, bill boards, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	10.11
Distribution Volumetric Rate	\$/kWh	0.0322
Low Voltage Service Rate	\$/kWh	0.0009
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0020)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0063

MONTHLY RATES AND CHARGES - Regulatory Component

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

Elexicon Energy Inc.
For The Whitby Rate Zone
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**

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per light)	\$	5.94
Distribution Volumetric Rate	\$/kW	15.9819
Retail Transmission Rate - Network Service Rate	\$/kW	2.1009
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8806

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

Elexicon Energy Inc.

For The Whitby Rate Zone

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**

STREET LIGHTING SERVICE CLASSIFICATION

This classification relates to the supply of power for street lighting installations. Street lighting design and installations shall be in accordance with the requirements of Whitby Hydro, Town of Whitby specifications and ESA. The Town of Whitby retains ownership of the street lighting system on municipal roadways. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per light)	\$	1.83
Distribution Volumetric Rate	\$/kW	6.9926
Low Voltage Service Rate	\$/kW	0.2459
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0016
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	8.8440
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(0.6533)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kW	(0.0524)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0904
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8419

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

Elexicon Energy Inc.
For The Whitby Rate Zone
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**

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
----------------	----	------

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)

Elexicon Energy Inc.

For The Whitby Rate Zone

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**

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Easement Letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned Cheque (plus bank charges)	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Legal letter charge	\$	15.00

Non-Payment of Account

Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection charge - at meter - during regular hours	\$	65.00
Reconnection charge - at meter - after regular hours	\$	185.00
Reconnection charge - at pole - during regular hours	\$	185.00
Reconnection charge - at pole - after regular hours	\$	415.00

Other

Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00
Temporary service - install & remove - overhead - with transformer	\$	1,000.00
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	45.39

Elexicon Energy Inc.
For The Whitby Rate Zone
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

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.04
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
Notice of switch letter charge, per letter (unless the distributor has opted out of applying for the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08

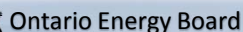
LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0454
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0349

APPENDIX D:

CUSTOMER 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	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 32.02	1	\$ 32.02	\$ 32.47	1	\$ 32.47	\$ 0.45	1.41%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0005	750	\$ 0.38	\$ 0.0003	750	\$ 0.23	\$ (0.15)	-40.00%
Sub-Total A (excluding pass through)			\$ 32.40			\$ 32.70	\$ 0.30	0.93%
Line Losses on Cost of Power	\$ 0.1280	34	\$ 4.36	\$ 0.1280	34	\$ 4.36	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ 0.0022	750	\$ (1.65)	\$ (1.65)	
CBR Class B Rate Riders	\$ -	750	\$ -	\$ 0.0001	750	\$ (0.08)	\$ (0.08)	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0010	750	\$ 0.75	\$ 0.0010	750	\$ 0.75	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 38.07			\$ 36.65	\$ (1.43)	-3.74%
RTSR - Network	\$ 0.0080	784	\$ 6.27	\$ 0.0077	784	\$ 6.04	\$ (0.24)	-3.75%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0070	784	\$ 5.49	\$ 0.0067	784	\$ 5.25	\$ (0.24)	-4.29%
Sub-Total C - Delivery (including Sub-Total B)			\$ 49.83			\$ 47.94	\$ (1.90)	-3.80%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	784	\$ 2.67	\$ 0.0034	784	\$ 2.67	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	784	\$ 0.39	\$ 0.0005	784	\$ 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)			\$ 149.14			\$ 147.25	\$ (1.90)	-1.27%
HST	13%		\$ 19.39	13%		\$ 19.14	\$ (0.25)	-1.27%
Ontario Electricity Rebate	31.8%		\$ (47.43)	31.8%		\$ (46.82)	\$ 0.60	
Total Bill on TOU			\$ 121.10			\$ 119.56	\$ (1.54)	-1.27%

In the manager's summary, discuss the reas

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 26.91	1	\$ 26.91	\$ 27.29	1	\$ 27.29	\$ 0.38	1.41%
Distribution Volumetric Rate	\$ 0.0200	2000	\$ 40.00	\$ 0.0203	2000	\$ 40.60	\$ 0.60	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0005	2000	\$ 1.00	\$ 0.0006	2000	\$ 1.20	\$ 0.20	20.00%
Sub-Total A (excluding pass through)			\$ 67.91			\$ 69.09	\$ 1.18	1.74%
Line Losses on Cost of Power	\$ 0.1280	91	\$ 11.62	\$ 0.1280	91	\$ 11.62	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ 0.0020	2,000	\$ (4.00)	\$ (4.00)	
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ 0.0001	2,000	\$ (0.20)	\$ (0.20)	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0009	2,000	\$ 1.80	\$ 0.0009	2,000	\$ 1.80	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 81.90			\$ 78.88	\$ (3.02)	-3.69%
RTSR - Network	\$ 0.0073	2,091	\$ 15.26	\$ 0.0070	2,091	\$ 14.64	\$ (0.63)	-4.11%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0065	2,091	\$ 13.59	\$ 0.0063	2,091	\$ 13.17	\$ (0.42)	-3.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 110.76			\$ 106.69	\$ (4.07)	-3.67%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,091	\$ 7.11	\$ 0.0034	2,091	\$ 7.11	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,091	\$ 1.05	\$ 0.0005	2,091	\$ 1.05	\$ -	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)			\$ 375.16			\$ 371.09	\$ (4.07)	-1.08%
HST	13%		\$ 48.77	13%		\$ 48.24	\$ (0.53)	-1.08%
Ontario Electricity Rebate	31.8%		\$ (119.30)	31.8%		\$ (118.01)	\$ 1.29	
Total Bill on TOU			\$ 304.63			\$ 301.33	\$ (3.30)	-1.08%

In the manager's summary, discuss the reas

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	40,000	kWh
Demand	100	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 204.98	1	\$ 204.98	\$ 207.85	1	\$ 207.85	\$ 2.87	1.40%
Distribution Volumetric Rate	\$ 4.0939	100	\$ 409.39	\$ 4.1512	100	\$ 415.12	\$ 5.73	1.40%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.1593	100	\$ 15.93	\$ 0.1778	100	\$ 17.78	\$ 1.85	11.61%
Sub-Total A (excluding pass through)			\$ 630.30			\$ 640.75	\$ 10.45	1.66%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	100	\$ -	\$ 0.8170	100	\$ (81.70)	\$ (81.70)	
CBR Class B Rate Riders	\$ -	100	\$ -	\$ 0.0511	100	\$ (5.11)	\$ (5.11)	
GA Rate Riders	\$ -	40,000	\$ -	\$ 0.0016	40,000	\$ 64.00	\$ 64.00	
Low Voltage Service Charge	\$ 0.3181	100	\$ 31.81	\$ 0.3181	100	\$ 31.81	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	100	\$ -	\$ -	100	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 662.11			\$ 649.75	\$ (12.36)	-1.87%
RTSR - Network	\$ 2.8962	100	\$ 289.62	\$ 2.7717	100	\$ 277.17	\$ (12.45)	-4.30%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.4776	100	\$ 247.76	\$ 2.3826	100	\$ 238.26	\$ (9.50)	-3.83%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,199.49			\$ 1,165.18	\$ (34.31)	-2.86%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	41,816	\$ 142.17	\$ 0.0034	41,816	\$ 142.17	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	41,816	\$ 20.91	\$ 0.0005	41,816	\$ 20.91	\$ -	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	41,816	\$ 5,720.43	\$ 0.1368	41,816	\$ 5,720.43	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 7,083.25			\$ 7,048.94	\$ (34.31)	-0.48%
HST	13%		\$ 920.82	13%		\$ 916.36	\$ (4.46)	-0.48%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 8,004.07			\$ 7,965.30	\$ (38.77)	-0.48%

In the manager's summary, discuss the reas

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	500	kWh
Demand	-	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 9.97	1	\$ 9.97	\$ 10.11	1	\$ 10.11	\$ 0.14	1.40%
Distribution Volumetric Rate	\$ 0.0318	500	\$ 15.90	\$ 0.0322	500	\$ 16.10	\$ 0.20	1.26%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	500	\$ -	\$ -	500	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 25.87			\$ 26.21	\$ 0.34	1.31%
Line Losses on Cost of Power	\$ 0.1280	23	\$ 2.91	\$ 0.1280	23	\$ 2.91	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	500	\$ -	\$ 0.0020	500	\$ (1.00)	\$ (1.00)	
CBR Class B Rate Riders	\$ -	500	\$ -	\$ 0.0001	500	\$ (0.05)	\$ (0.05)	
GA Rate Riders	\$ -	500	\$ -	\$ -	500	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0009	500	\$ 0.45	\$ 0.0009	500	\$ 0.45	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	500	\$ -	\$ -	500	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 29.23			\$ 28.52	\$ (0.71)	-2.43%
RTSR - Network	\$ 0.0073	523	\$ 3.82	\$ 0.0070	523	\$ 3.66	\$ (0.16)	-4.11%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0065	523	\$ 3.40	\$ 0.0063	523	\$ 3.29	\$ (0.10)	-3.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 36.44			\$ 35.47	\$ (0.97)	-2.67%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	523	\$ 1.78	\$ 0.0034	523	\$ 1.78	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	523	\$ 0.26	\$ 0.0005	523	\$ 0.26	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1280	320	\$ 40.96	\$ 0.1280	320	\$ 40.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1280	90	\$ 11.52	\$ 0.1280	90	\$ 11.52	\$ -	0.00%
TOU - On Peak	\$ 0.1280	90	\$ 11.52	\$ 0.1280	90	\$ 11.52	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 102.73			\$ 101.76	\$ (0.97)	-0.95%
HST	13%		\$ 13.35	13%		\$ 13.23	\$ (0.13)	-0.95%
Ontario Electricity Rebate	31.8%		\$ (32.67)	31.8%		\$ (32.36)	\$ 0.31	
Total Bill on TOU			\$ 83.41			\$ 82.63	\$ (0.79)	-0.95%

In the manager's summary, discuss the reas

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	150	kWh
Demand	1	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.86	1	\$ 5.86	\$ 5.94	1	\$ 5.94	\$ 0.08	1.37%
Distribution Volumetric Rate	\$ 15.7612	1	\$ 15.76	\$ 15.9819	1	\$ 15.98	\$ 0.22	1.40%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 21.62			\$ 21.92	\$ 0.30	1.39%
Line Losses on Cost of Power	\$ 0.1280	7	\$ 0.87	\$ 0.1280	7	\$ 0.87	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	1	\$ -	\$ 0.0013	1	\$ (0.00)	\$ (0.00)	
Riders	\$ -	1	\$ -	\$ 0.0465	1	\$ (0.05)	\$ (0.05)	
CBR Class B Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
GA Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1	\$ -	\$ 0.0465	1	\$ 0.05	\$ 0.05	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 22.49			\$ 22.79	\$ 0.30	1.33%
RTSR - Network	\$ 2.1954	1	\$ 2.20	\$ 2.1009	1	\$ 2.10	\$ (0.09)	-4.30%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9556	1	\$ 1.96	\$ 1.8806	1	\$ 1.88	\$ (0.08)	-3.84%
Sub-Total C - Delivery (including Sub-Total B)			\$ 26.64			\$ 26.77	\$ 0.13	0.49%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	157	\$ 0.53	\$ 0.0034	157	\$ 0.53	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	157	\$ 0.08	\$ 0.0005	157	\$ 0.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1280	96	\$ 12.29	\$ 0.1280	96	\$ 12.29	\$ -	0.00%
TOU - Mid Peak	\$ 0.1280	27	\$ 3.46	\$ 0.1280	27	\$ 3.46	\$ -	0.00%
TOU - On Peak	\$ 0.1280	27	\$ 3.46	\$ 0.1280	27	\$ 3.46	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 46.71			\$ 46.84	\$ 0.13	0.28%
HST	13%		\$ 6.07	13%		\$ 6.09	\$ 0.02	0.28%
Ontario Electricity Rebate	31.8%		\$ (14.85)	31.8%		\$ (14.89)	\$ (0.04)	
Total Bill on TOU			\$ 37.92			\$ 38.03	\$ 0.11	0.28%

In the manager's summary, discuss the reas

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	283,400	kWh
Demand	736	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.80	12262	\$ 22,071.60	\$ 1.83	12262	\$ 22,439.46	\$ 367.86	1.67%
Distribution Volumetric Rate	\$ 6.8961	736	\$ 5,075.53	\$ 6.9926	736	\$ 5,146.55	\$ 71.02	1.40%
Fixed Rate Riders	\$ -	12262	\$ -	\$ -	12262	\$ -	\$ -	
Volumetric Rate Riders	\$ 6.1889	736	\$ 4,555.03	\$ 8.8440	736	\$ 6,509.18	\$ 1,954.15	42.90%
Sub-Total A (excluding pass through)			\$ 31,702.16			\$ 34,095.20	\$ 2,393.04	7.55%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	736	\$ -	\$ 0.6533	736	\$ (480.83)	\$ (480.83)	
CBR Class B Rate Riders	\$ -	736	\$ -	\$ 0.0524	736	\$ (38.57)	\$ (38.57)	
GA Rate Riders	\$ -	283,400	\$ -	\$ 0.0016	283,400	\$ 453.44	\$ 453.44	
Low Voltage Service Charge	\$ 0.2459	736	\$ 180.98	\$ 0.2459	736	\$ 180.98	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	12262	\$ -	\$ -	12262	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	12262	\$ -	\$ -	12262	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	736	\$ -	\$ -	736	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 31,883.14			\$ 34,210.22	\$ 2,327.08	7.30%
RTSR - Network	\$ 2.1843	736	\$ 1,607.64	\$ 2.0904	736	\$ 1,538.53	\$ (69.11)	-4.30%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9154	736	\$ 1,409.73	\$ 1.8419	736	\$ 1,355.64	\$ (54.10)	-3.84%
Sub-Total C - Delivery (including Sub-Total B)			\$ 34,900.52			\$ 37,104.40	\$ 2,203.88	6.31%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	296,266	\$ 1,007.31	\$ 0.0034	296,266	\$ 1,007.31	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	296,266	\$ 148.13	\$ 0.0005	296,266	\$ 148.13	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	12262	\$ 3,065.50	\$ 0.25	12262	\$ 3,065.50	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1368	296,266	\$ 40,529.24	\$ 0.1368	296,266	\$ 40,529.24	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 79,650.70			\$ 81,854.57	\$ 2,203.88	2.77%
HST	13%		\$ 10,354.59	13%		\$ 10,641.09	\$ 286.50	2.77%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 90,005.29			\$ 92,495.67	\$ 2,490.38	2.77%

In the manager's summary, discuss the reas

APPENDIX E:

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	Elexicon Energy Inc.		
Service Territory	For The Whitby Rate Zone		
Assigned EB Number	EB-2020-0012		
Name of Contact and Title	Susan Reffle, Manager, Regulatory Affairs		
Phone Number	905-427-9870 x 4262		
Email Address	sreffle@elexiconenergy.com		
We are applying for rates effective	Friday, January 01, 2021		
Rate-Setting Method	Annual IR Index		
1. Select the last Cost of Service rebasing year.	2011		
2. For Accounts 1588 and 1589, please indicate the year the accounts were last disposed on a final basis.	2016		
a) If the accounts were last approved on a final basis, select the year that the balance was last approved on a final basis.	2016		
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.			
(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.	2016		
a) If the accounts were last approved on a final basis, select the year that the balance was last approved on a final basis.	2016		
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) If there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis.			
4. Select the earliest vintage year in which there is a balance in Account 1595. (e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016.)	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: Elexicon Energy Inc. is:	Partially Embedded	Within	Hydro One (If necessary, enter all host-distributors' names in the above green shaded cell.)
8. Have you transitioned to fully fixed rates?	Yes		

Distribution System(s)

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 reviewed in Excel format and is required to be filed with the applications, the user 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.

		2016									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit/ (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments ¹ during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments ¹ during 2016	Closing Interest Amounts as of Dec 31, 2016
Group 1 Accounts											
LV Variance Account	1550	0			979,715	979,715	0			9,576	9,576
Smart Metering Entity Charge Variance Account	1551	0			13,799	13,799	0			(2)	(2)
RSVA - Wholesale Market Service Charge ⁵	1580	0			(2,447,861)	(2,447,861)	0			(30,528)	(30,528)
Variance WMS – Sub-account CBR Class A ⁵	1580	0			0	0	0			0	0
Variance WMS – Sub-account CBR Class B ⁵	1580	0			(69,894)	(69,894)	0			1,188	1,188
RSVA - Retail Transmission Network Charge	1584	0			(549,528)	(549,528)	0			(6,405)	(6,405)
RSVA - Retail Transmission Connection Charge	1586	0			140,671	140,671	0			108	108
RSVA - Power ⁴	1588	0			(181,636)	(181,636)	0			2,795	2,795
RSVA - Global Adjustment ⁴	1589	0			467,336	467,336	0			15,585	15,585
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0			97,400	97,400	0			(41,135)	(41,135)
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0			(50,174)	(50,174)	0			(414)	(414)
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	(1,897,881)	(1,879,563)		(18,318)	0	9,161	(10,333)		19,494
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595	0				0	0				0
<small>Refer to the Filing Requirements for disposition eligibility.</small>	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	467,336	467,336	0	0	0	15,585	15,585
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	(1,897,881)	(1,879,563)	(2,067,508)	(2,085,825)	0	9,161	(10,333)	(64,817)	(45,323)
Total Group 1 Balance		0	(1,897,881)	(1,879,563)	(1,600,171)	(1,618,489)	0	9,161	(10,333)	(49,232)	(29,738)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0			812,182	812,182	0			15,827	15,827
Total including Account 1568		0	(1,897,881)	(1,879,563)	(787,990)	(806,307)	0	9,161	(10,333)	(33,405)	(13,911)



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.

		2017									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments ¹ during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments ¹ during 2017	Closing Interest Amounts as of Dec 31, 2017
Group 1 Accounts											
LV Variance Account	1550	979,715	408,928			1,388,642	9,576	14,112		(981)	22,707
Smart Metering Entity Charge Variance Account	1551	13,799	(6,228)			7,571	(2)	90		(9)	79
RSVA - Wholesale Market Service Charge ⁵	1580	(2,447,861)	(843,030)		(238,157)	(3,529,048)	(30,528)	(36,681)		(691)	(67,900)
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B ⁵	1580	(69,894)	(10,206)		238,157	158,057	1,188	1,946		3,207	6,341
RSVA - Retail Transmission Network Charge	1584	(549,528)	(49,911)			(599,439)	(6,405)	(7,738)		546	(13,597)
RSVA - Retail Transmission Connection Charge	1586	140,671	2,512			143,182	108	1,104		(139)	1,073
RSVA - Power ⁴	1588	(181,636)	41,127			(140,509)	2,795	(2,753)		186	228
RSVA - Global Adjustment ⁴	1589	467,336	675,912	56,136	(203,867)	883,246	15,585	14,114		(428)	29,271
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	97,400	(1)			97,399	(41,135)	1,173		(93)	(40,055)
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	(50,174)	(50,174)			(100,348)	(414)	(1,157)		99	(1,472)
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	(18,318)	(5,042)			(23,359)	19,494	(260)			19,234
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0	(605,112)	(630,005)		24,893	0	3,157	(14,894)		18,051
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³											
Refer to the Filing Requirements for disposition eligibility.	1595	0				0	0				0
RSVA - Global Adjustment	1589	467,336	675,912	56,136	(203,867)	883,246	15,585	14,114	0	(428)	29,271
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(2,085,825)	(1,117,138)	(630,005)	0	(2,572,958)	(45,323)	(27,007)	(14,894)	2,125	(55,311)
Total Group 1 Balance		(1,618,489)	(441,225)	(573,869)	(203,867)	(1,689,712)	(29,738)	(12,893)	(14,894)	1,697	(26,040)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	812,182	342,341	573,869	(244,027)	336,627	15,827	4,489	14,894	(1,318)	4,104
Total including Account 1568		(806,307)	(98,884)	0	(447,894)	(1,353,086)	(13,911)	(8,404)	0	379	(21,936)



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	1,388,642	(119,718)	979,715		289,209	22,707	6,231	20,352		8,586
Smart Metering Entity Charge Variance Account	1551	7,571	(49,651)	13,800		(55,880)	79	(728)	154		(803)
RSVA - Wholesale Market Service Charge⁵	1580	(3,529,048)	(101,497)	(2,686,018)		(944,526)	(67,900)	(15,789)	(63,450)		(20,239)
Variance WMS – Sub-account CBR Class A⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B⁵	1580	158,057	(20,981)	168,263		(31,187)	6,341	(428)	6,414		(501)
RSVA - Retail Transmission Network Charge	1584	(599,439)	116,477	(549,528)		66,566	(13,597)	(370)	(12,453)		(1,514)
RSVA - Retail Transmission Connection Charge	1586	143,182	190,824	140,671		193,335	1,073	1,305	1,656		722
RSVA - Power⁴	1588	(140,509)	(230,022)	(181,636)	(41,319)	(230,214)	228	(2,488)	803		(3,063)
RSVA - Global Adjustment⁴	1589	883,246	(545,705)	411,200	203,932	130,273	29,271	17,171	20,365		26,077
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014)³	1595	97,399		97,399		0	(40,055)		(40,055)		0
Disposition and Recovery/Refund of Regulatory Balances (2015)³	1595	(100,348)		(100,348)		0	(1,472)		(1,472)		0
Disposition and Recovery/Refund of Regulatory Balances (2016)³	1595	(23,359)	9			(23,350)	19,234	254			19,488
Disposition and Recovery/Refund of Regulatory Balances (2017)³	1595	24,893	(2,311)	0		22,582	18,051	435			18,486
Disposition and Recovery/Refund of Regulatory Balances (2018)³	1595	0	887,454	901,817		(14,364)	0	(8,078)	16,512		(24,590)
Disposition and Recovery/Refund of Regulatory Balances (2019)³											
Refer to the Filing Requirements for disposition eligibility.	1595	0				0	0				0
RSVA - Global Adjustment	1589	883,246	(545,705)	411,200	203,932	130,273	29,271	17,171	20,365	0	26,077
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(2,572,958)	670,583	(1,215,865)	(41,319)	(727,829)	(55,311)	(19,656)	(71,539)	0	(3,428)
Total Group 1 Balance		(1,689,712)	124,879	(804,664)	162,613	(597,557)	(26,040)	(2,484)	(51,174)	0	22,649
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	336,627	558,744		(124,596)	770,774	4,104	15,168		(1,321)	17,951
Total including Account 1568		(1,353,086)	683,622	(804,664)	38,017	173,218	(21,936)	12,684	(51,174)	(1,321)	40,600



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.

		2019									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2019	Transactions Debit/ (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments ¹ during 2019	Closing Principal Balance as of Dec 31, 2019	Opening Interest Amounts as of Jan 1, 2019	Interest Jan 1 to Dec 31, 2019	OEB-Approved Disposition during 2019	Interest Adjustments ¹ during 2019	Closing Interest Amounts as of Dec 31, 2019
Group 1 Accounts											
LV Variance Account	1550	289,209	322,643			611,852	8,586	7,284			15,870
Smart Metering Entity Charge Variance Account	1551	(55,880)	(34,286)			(90,166)	(803)	(1,742)			(2,545)
RSVA - Wholesale Market Service Charge ⁵	1580	(944,526)	(217,329)			(1,161,855)	(20,239)	(19,716)			(39,955)
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B ⁵	1580	(31,187)	(63,199)			(94,386)	(501)	(1,295)			(1,796)
RSVA - Retail Transmission Network Charge	1584	66,566	(125,557)			(58,991)	(1,514)	(419)			(1,933)
RSVA - Retail Transmission Connection Charge	1586	193,335	(318,029)			(124,694)	722	65			787
RSVA - Power ⁴	1588	(230,214)	(350,063)		(310,982)	(891,259)	(3,063)	(6,725)			(9,788)
RSVA - Global Adjustment ⁴	1589	130,273	423,335	70,331	(188,482)	294,795	26,077	25,354			51,431
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	(23,350)	0			(23,350)	19,488	0			19,488
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	22,582	(1)			22,581	18,486	507			18,993
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	(14,364)	(48,231)			(62,595)	(24,590)	(2,141)			(26,731)
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595	0									
Refer to the Filing Requirements for disposition eligibility.	1595	0	(428,206)	(406,958)		(21,249)	0	3,315	(9,720)		13,035
RSVA - Global Adjustment	1589	130,273	423,335	70,331	(188,482)	294,795	26,077	25,354	0	0	51,431
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(727,829)	(1,262,259)	(406,958)	(310,982)	(1,894,113)	(3,428)	(20,867)	(9,720)	0	(14,575)
Total Group 1 Balance		(597,557)	(838,925)	(336,627)	(499,464)	(1,599,319)	22,649	4,487	(9,720)	0	36,856
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	770,774	287,651	336,627	94,179	815,977	17,951	21,115	9,720	(321)	29,025
Total including Account 1568		173,218	(551,274)	0	(405,285)	(783,341)	40,600	25,602	0	(321)	65,881



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.

		2020			
Account Descriptions	Account Number	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
Group 1 Accounts					
LV Variance Account	1550			611,852	15,870
Smart Metering Entity Charge Variance Account	1551			(90,166)	(2,545)
RSVA - Wholesale Market Service Charge ⁵	1580			(1,161,855)	(39,955)
Variance WMS – Sub-account CBR Class A ⁵	1580			0	0
Variance WMS – Sub-account CBR Class B ⁵	1580			(94,386)	(1,796)
RSVA - Retail Transmission Network Charge	1584			(58,991)	(1,933)
RSVA - Retail Transmission Connection Charge	1586			(124,694)	787
RSVA - Power ⁴	1588			(891,259)	(9,788)
RSVA - Global Adjustment ⁴	1589			294,795	51,431
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595			0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595			0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595			(23,350)	19,488
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595			22,581	18,993
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595			(62,595)	(26,731)
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595			(21,249)	13,035
<small>Refer to the Filing Requirements for disposition eligibility.</small>					
RSVA - Global Adjustment	1589	0	0	294,795	51,431
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	(1,894,113)	(14,575)
Total Group 1 Balance		0	0	(1,599,319)	36,856
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	434,147	18,044	381,830	10,981
Total including Account 1568		434,147	18,044	(1,217,489)	47,837

 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.

		Projected Interest on Dec-31-2019 Balances					2.1.7 RRR	
Account Descriptions	Account Number	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)
Group 1 Accounts								
LV Variance Account	1550	8,418		24,288	636,140		627,722	0
Smart Metering Entity Charge Variance Account	1551	(1,242)		(3,787)	(93,953)		(92,711)	0
RSVA - Wholesale Market Service Charge ⁵	1580	(15,978)		(55,933)	(1,217,788)		(1,297,993)	(96,182)
Variance WMS – Sub-account CBR Class A ⁵	1580			0	0		0	0
Variance WMS – Sub-account CBR Class B ⁵	1580	(1,296)		(3,092)	(97,478)		(96,182)	(0)
RSVA - Retail Transmission Network Charge	1584	(810)		(2,743)	(61,734)		(60,924)	(0)
RSVA - Retail Transmission Connection Charge	1586	(1,716)		(929)	(125,623)		(123,907)	0
RSVA - Power ⁴	1588	(7,410)		(17,198)	(908,457)		(548,746)	352,301
RSVA - Global Adjustment ⁴	1589	6,894		58,325	353,120		553,002	206,776
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595			19,488	(3,862)	Yes	(3,862)	0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	312		19,305	41,886	Yes	41,574	0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	(1,380)		(28,111)	0	No	(89,326)	0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595					No		
<small>Refer to the Filing Requirements for disposition eligibility.</small>	1595	(294)		12,741	0		(8,214)	0
RSVA - Global Adjustment	1589	6,894	0	58,325	353,120		553,002	206,776
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(21,396)	0	(35,971)	(1,830,870)		(1,556,386)	352,302
Total Group 1 Balance		(14,502)	0	22,354	(1,477,750)		(1,003,384)	559,078
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	5,250		16,231	398,061		1,122,407	277,405
Total including Account 1568		(9,252)	0	38,585	(1,079,689)		119,023	836,483

Please provide an explanation of t

Please provide an explanation of t

Please provide an explanation of t



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)	1595 Recovery Proportion (2016) ¹	1595 Recovery Proportion (2017) ¹	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	353,061,372	0	7,135,155	0	0	0	353,061,372	0		45%	98,529	41,437
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	89,298,040	0	15,067,136	0	0	0	89,298,040	0	3%	10%	49,371	2,267
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	403,877,766	960,319	355,738,942	836,834	4,131,724	8,190	399,746,042	952,129	95%	43%	170,732	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,834,696	0	0	0	0	0	1,834,696	0				
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	30,640	86	756	2	0	0	30,640	86				
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,343,339	8,981	3,343,339	8,981	0	0	3,343,339	8,981	2%	2%	79,428	
Total		851,445,853	969,386	381,285,328	845,817	4,131,724	8,190	847,314,129	961,196	100%	100%	398,061	43,704

Threshold Test

Total Claim (including Account 1568)

(\$1,079,689)

Total Claim for Threshold Test (All Group 1 Accounts)

(\$1,477,750)

Threshold Test (Total claim per kWh) ²

(\$0.0017)

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

YES

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

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

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



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	1550	allocated based on Total less WMP		1584	allocated based on Total less WMP		1595_(2016)	1595_(2017)	1568
					1551	1580		1586	1588			
RESIDENTIAL SERVICE CLASSIFICATION	41.5%	94.8%	41.7%	263,782	(89,079)	(507,432)	(25,599)	(52,091)	(378,539)	0	18,849	98,529
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	10.5%	5.2%	10.5%	66,717	(4,873)	(128,342)	(6,475)	(13,175)	(95,742)	(116)	4,189	49,371
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	47.4%	0.0%	47.2%	301,749	0	(574,528)	(29,283)	(59,589)	(428,592)	(3,669)	18,011	170,732
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	1,371	0	(2,637)	(133)	(271)	(1,967)	0	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	23	0	(44)	(2)	(5)	(33)	0	0	0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	2,498	0	(4,805)	(242)	(493)	(3,585)	(77)	838	79,428
Total	100.0%	100.0%	100.0%	636,140	(93,953)	(1,217,788)	(61,734)	(125,623)	(908,457)	(3,862)	41,886	398,060

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



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

1a The year Account 1589 GA was last disposed 2016

1b The year Account 1580 CBR Class B was last disposed 2016 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		2018		2017	
			January to June	July to December	January to June	July to December	January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,425,109	1,108,036	1,384,222	1,130,783	1,246,022	1,043,176
		kW	2,987	2,251	2,874	2,292	2,609	2,200
		Class A/B	B	A	B	B	B	B
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,062,395	772,519	958,099	805,029	972,813	814,373
		kW	2,231	1,531	2,081	1,673	2,070	1,738
		Class A/B	B	A	B	B	B	B
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,505,684	1,165,763	1,482,792	1,217,745	1,363,532	1,081,054
		kW	3,168	2,368	3,041	2,413	2,822	2,292
		Class A/B	B	A	B	B	B	B
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,122,167	829,611	1,075,453	889,595	982,465	798,677
		kW	2,348	1,557	2,326	1,828	2,198	1,749
		Class A/B	B	A	B	B	B	B
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	9,485,465	9,057,961	2,845,981	7,640,041	-	-
		kW	29,163	26,218	3,965	19,481	-	-
		Class A/B	B	A	B	B		
Customer 6	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,017,391	971,789	877,289	948,035	929,732	880,786
		kW	3,523	3,396	3,757	3,535	3,631	4,012
		Class A/B	A	A	B	A	B	B
Customer 7	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	47,976	45,494	349,750	74,787	1,031,303	458,199
		kW	159	113	5,738	825	6,119	5,333
		Class A/B	B	B	A	B	A	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). 1

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	Rate Class		2019	2018	2017
Rate Class 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	142,235,179	144,283,768	143,439,981
		kW	245,333	244,577	250,855

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

2016

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

		Total	2019	2018	2017
Non-RPP Consumption Less WMP Consumption	A	1,135,722,581	381,285,328	384,565,161	369,872,092
Less Class A Consumption for Partial Year Class A Customers	B	14,231,675	12,933,890	1,297,785	-
Less Consumption for Full Year Class A Customers	C	429,958,928	142,235,179	144,283,768	143,439,981
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	691,531,978	226,116,259	238,983,608	226,432,111
All Class B Consumption for Transition Customers	E	45,188,736	14,694,290	20,381,815	10,112,630
Transition Customers' Portion of Total Consumption	F = E/D	6.53%			

Allocation of Total GA Balance \$

Total GA Balance	G	\$	353,120
Transition Customers' Portion of GA Balance	H = F * G	\$	23,075
GA Balance to be disposed to Current Class B Customers through Rate Rider	I = G-H	\$	330,045

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	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2018	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2017	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments
Customer 1		6,229,312	1,425,109	2,515,005	2,289,198	13.79%	\$ 3,181	\$ 265
Customer 2		4,612,709	1,062,395	1,763,127	1,787,186	10.21%	\$ 2,355	\$ 196
Customer 3		6,650,808	1,505,684	2,700,538	2,444,586	14.72%	\$ 3,396	\$ 283
Customer 4		4,868,356	1,122,167	1,965,048	1,781,142	10.77%	\$ 2,486	\$ 207
Customer 5		19,971,487	9,485,465	10,486,022	0	44.20%	\$ 10,198	\$ 850
Customer 6		2,687,807	0	877,289	1,810,518	5.95%	\$ 1,372	\$ 114
Customer 7		168,257	93,470	74,787	0	0.37%	\$ 86	\$ 7
Total		45,188,736	14,694,290	20,381,815	10,112,630	100.00%	\$ 23,075	



Ontario Energy Board

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	7,135,155	0	0	7,135,155	3.4%	\$11,134	\$0.0016 kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	15,067,136	0	0	15,067,136	7.1%	\$23,511	\$0.0016 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	355,738,942	142,235,179	27,534,710	185,969,053	87.9%	\$290,183	\$0.0016 kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	756	0	0	756	0.0%	\$1	\$0.0013 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	3,343,339	0	0	3,343,339	1.6%	\$5,217	\$0.0016 kWh
Total		381,285,328	142,235,179	27,534,710	211,515,439	100.0%	\$330,046	



Ontario Energy Board

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

2016

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

		Total	2019	2018	2017
Total Consumption Less WMP Consumption	A	2,533,142,761	847,314,129	866,748,674	819,079,958
Less Class A Consumption for Partial Year Class A Customers	B	14,231,675	12,933,890	1,297,785	-
Less Consumption for Full Year Class A Customers	C	429,958,928	142,235,179	144,283,768	143,439,981
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	2,088,952,158	692,145,060	721,167,121	675,639,977
All Class B Consumption for Transition Customers	E	45,188,736	14,694,290	20,381,815	10,112,630
Transition Customers' Portion of Total Consumption	F = E/D	2.16%			

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$	97,478
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	2,109
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	95,370

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	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2018	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2017	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Monthly Equal Payments	
Customer 1		6,229,312	1,425,109	2,515,005	2,289,198	13.79%	291	-\$	24
Customer 2		4,612,709	1,062,395	1,763,127	1,787,186	10.21%	215	-\$	18
Customer 3		6,650,808	1,505,684	2,700,538	2,444,586	14.72%	310	-\$	26
Customer 4		4,868,356	1,122,167	1,965,048	1,781,142	10.77%	227	-\$	19
Customer 5		19,971,487	9,485,465	10,486,022	-	44.20%	932	-\$	78
Customer 6		2,687,807	-	877,289	1,810,518	5.95%	125	-\$	10
Customer 7		168,257	93,470	74,787	-	0.37%	8	-\$	1
Total		45,188,736	14,694,290	20,381,815	10,112,630	100.00%	2,109	-\$	176



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

2016

		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	353,061,372	0	0	0	0	0	353,061,372	0	52.1%	(\$49,696)	(\$0.0001)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	89,298,040	0	0	0	0	0	89,298,040	0	13.2%	(\$12,569)	(\$0.0001)	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	399,746,042	952,129	142,235,179	245,333	27,534,710	73,823	229,976,153	632,974	33.9%	(\$32,371)	(\$0.0511)	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,834,696	0	0	0	0	0	1,834,696	0	0.3%	(\$258)	(\$0.0001)	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	30,640	86	0	0	0	0	30,640	86	0.0%	(\$4)	(\$0.0465)	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,343,339	8,981	0	0	0	0	3,343,339	8,981	0.5%	(\$471)	(\$0.0524)	kW
Total		847,314,129	961,196	142,235,179	245,333	27,534,710	73,823	677,544,240	642,041	100.0%	(\$95,369)		



Ontario Energy Board

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

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) ²	Deferral/Variance Account Rate Rider ²	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) ²	Account 1568 Rate Rider	Revenue Reconciliation ¹
RESIDENTIAL SERVICE CLASSIFICATION	kWh	353,061,372	0	353,061,372	0	(770,108)		(0.0022)	0.0000	0.0003	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	89,298,040	0	89,298,040	0	(177,817)		(0.0020)	0.0000	0.0006	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	403,877,766	960,319	399,746,042	952,129	227,219	(1,003,120)	0.2366	(1.0536)	0.1778	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,834,696	0	1,834,696	0	(3,637)		(0.0020)	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	30,640	86	30,640	86	(61)		(0.7063)	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,343,339	8,981	3,343,339	8,981	(5,867)		(0.6533)	0.0000	8.8440	
											(1,740,880.16)

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.



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2011	2021
OEB-Approved Rate Base	\$ 75,768,349	\$ 75,768,349
OEB-Approved Regulatory Taxable Income	\$ 3,023,878	\$ 3,023,878
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		\$ 453,582
Provincial Taxes Payable		\$ 347,746
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	28.3%	26.5%
Total Income Taxes Payable	\$ 854,246	\$ 801,328
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$ -
Income Tax Provision	\$ 854,246	\$ 801,328
Grossed-up Income Taxes	\$ 1,190,586	\$ 1,090,242
Incremental Grossed-up Tax Amount		-\$ 100,344
Sharing of Tax Amount (50%)		-\$ 50,172

Notes

- Regarding the small business deduction, if applicable,
 - If taxable capital exceeds \$15 million, the small business rate will not be applicable.
 - If taxable capital is below \$10 million, the small business rate would be applicable.
 - If taxable capital is between \$10 million and \$15 million, the appropriate small business rate will be calculated.
- 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	36,927	350,407,180		17.24	0.0141		7,639,458	4,940,741	0	12,580,199	60.7%	39.3%	0.0%	63.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	1,909	75,150,446		19.80	0.0194		453,578	1,457,919	0	1,911,497	23.7%	76.3%	0.0%	9.7%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	435	414,547,692	966,330	191.34		3.9178	998,795	0	3,785,888	4,784,682	20.9%	0.0%	79.1%	24.3%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	391	2,493,809		9.28	0.0302		43,542	75,313	0	118,855	36.6%	63.4%	0.0%	0.6%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	37	43,361	120	4.05		10.9830	1,798	0	1,318	3,116	57.7%	0.0%	42.3%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW	11,478	9,090,771	24,361	1.36		5.4070	187,321	0	131,720	319,041	58.7%	0.0%	41.3%	1.6%
Total		51,177	851,733,259	990,811				9,324,492	6,473,973	3,918,926	19,717,390				100.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	353,061,372		-32,011	-0.06 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	89,298,040		-4,864	-0.0001 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	403,877,766	960,319	-12,175	-0.0127 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,834,696		-302	-0.0002 kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	30,640	86	-8	-0.0922 kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,343,339	8,981	-812	-0.0904 kW
Total		851,445,853	969,386	(\$50,172)	



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	0.0080	353,061,372	0	1.0454	369,090,358
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0070	353,061,372	0	1.0454	369,090,358
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	89,298,040	0	1.0454	93,352,171
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	89,298,040	0	1.0454	93,352,171
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8962	403,877,766	960,319		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4776	403,877,766	960,319		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	1,834,696	0	1.0454	1,917,991
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	1,834,696	0	1.0454	1,917,991
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1954	30,640	86		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9556	30,640	86		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1843	3,343,339	8,981		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9154	3,343,339	8,981		



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Uniform Transmission Rates	Unit	2019 Jan to Jun		2019 Jul to Dec		2020	2021
Rate Description		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	Unit	2019 Jan to Jun		2019 Jul to Dec		2020	2021
Rate Description		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



Ontario Energy Board

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	95,393	\$3.71	\$ 353,908	103,683	\$0.94	\$ 97,462	103,683	\$2.25	\$ 233,287	\$ 330,749
February	89,662	\$3.71	\$ 332,646	93,497	\$0.94	\$ 87,887	93,497	\$2.25	\$ 210,368	\$ 298,255
March	88,912	\$3.71	\$ 329,864	88,912	\$0.94	\$ 83,577	88,912	\$2.25	\$ 200,052	\$ 283,629
April	76,742	\$3.71	\$ 284,713	79,182	\$0.94	\$ 74,431	79,182	\$2.25	\$ 178,160	\$ 252,591
May	70,212	\$3.71	\$ 260,487	71,597	\$0.94	\$ 67,301	71,597	\$2.25	\$ 161,093	\$ 228,394
June	112,171	\$3.71	\$ 416,154	114,743	\$0.94	\$ 107,858	114,743	\$2.25	\$ 258,172	\$ 366,030
July	129,618	\$3.83	\$ 496,437	130,595	\$0.96	\$ 125,371	130,595	\$2.30	\$ 300,369	\$ 425,740
August	122,053	\$3.83	\$ 467,463	124,778	\$0.96	\$ 119,787	124,778	\$2.30	\$ 286,989	\$ 406,776
September	72,224	\$3.83	\$ 276,618	87,803	\$0.96	\$ 84,291	87,803	\$2.30	\$ 201,947	\$ 286,238
October	60,854	\$3.83	\$ 233,071	65,690	\$0.96	\$ 63,062	65,690	\$2.30	\$ 151,087	\$ 214,149
November	80,610	\$3.83	\$ 308,736	94,764	\$0.96	\$ 90,973	94,764	\$2.30	\$ 217,957	\$ 308,931
December	86,768	\$3.83	\$ 332,321	93,189	\$0.96	\$ 89,461	93,189	\$2.30	\$ 214,335	\$ 303,796
Total	1,085,219	\$ 3.77	\$ 4,092,418	1,148,433	\$ 0.95	\$ 1,091,463	1,148,433	\$ 2.28	\$ 2,613,815	\$ 3,705,279

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	43,470	\$3.1942	\$ 138,851	43,738	\$0.7710	\$ 33,722	43,738	\$1.7493	\$ 76,511	\$ 110,232
February	42,523	\$3.1942	\$ 135,827	42,523	\$0.7710	\$ 32,785	42,523	\$1.7493	\$ 74,385	\$ 107,171
March	38,592	\$3.1942	\$ 123,271	38,592	\$0.7710	\$ 29,754	38,592	\$1.7493	\$ 67,509	\$ 97,263
April	38,225	\$3.1942	\$ 122,097	38,225	\$0.7710	\$ 29,471	38,225	\$1.7493	\$ 66,866	\$ 96,337
May	36,805	\$3.1942	\$ 117,561	36,805	\$0.7710	\$ 28,376	36,805	\$1.7493	\$ 64,382	\$ 92,758
June	42,565	\$3.1942	\$ 135,962	42,565	\$0.7710	\$ 32,818	42,565	\$1.7493	\$ 74,460	\$ 107,278
July	51,167	\$3.2915	\$ 168,416	51,167	\$0.7877	\$ 40,304	51,167	\$1.9755	\$ 101,080	\$ 141,385
August	45,494	\$3.2915	\$ 149,745	45,494	\$0.7877	\$ 35,836	45,494	\$1.9755	\$ 89,874	\$ 125,710
September	65,665	\$3.2915	\$ 216,135	65,665	\$0.7877	\$ 51,724	65,665	\$1.9755	\$ 129,720	\$ 181,444
October	59,544	\$3.2915	\$ 195,989	59,544	\$0.7877	\$ 46,903	59,544	\$1.9755	\$ 117,629	\$ 164,532
November	51,949	\$3.2915	\$ 170,989	52,065	\$0.7877	\$ 41,012	52,065	\$1.9755	\$ 102,855	\$ 143,867
December	48,417	\$3.2915	\$ 159,365	48,417	\$0.7877	\$ 38,138	48,417	\$1.9755	\$ 95,648	\$ 133,786
Total	564,415	\$ 3.2498	\$ 1,834,207	564,799	\$ 0.7805	\$ 440,844	564,799	\$ 1.8784	\$ 1,060,920	\$ 1,501,764

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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -



Ontario Energy Board

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.

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		138,863	\$ 3.5485	\$ 492,759	147,421	\$ 0.8899	\$ 131,184	147,421	\$ 2.1014	\$ 309,797	\$ 440,981
February		132,185	\$ 3.5441	\$ 468,473	136,020	\$ 0.8872	\$ 120,672	136,020	\$ 2.0935	\$ 284,754	\$ 405,426
March		127,504	\$ 3.5539	\$ 453,134	127,504	\$ 0.8888	\$ 113,332	127,504	\$ 2.0985	\$ 267,561	\$ 380,893
April		114,967	\$ 3.5385	\$ 406,810	117,407	\$ 0.8850	\$ 103,902	117,407	\$ 2.0870	\$ 245,026	\$ 348,928
May		107,017	\$ 3.5326	\$ 378,048	108,402	\$ 0.8826	\$ 95,677	108,402	\$ 2.0800	\$ 225,475	\$ 321,153
June		154,736	\$ 3.5681	\$ 552,117	157,308	\$ 0.8943	\$ 140,676	157,308	\$ 2.1145	\$ 332,631	\$ 473,308
July		180,785	\$ 3.6776	\$ 664,853	181,762	\$ 0.9115	\$ 165,675	181,762	\$ 2.2087	\$ 401,449	\$ 567,124
August		167,547	\$ 3.6838	\$ 617,208	170,272	\$ 0.9140	\$ 155,623	170,272	\$ 2.2133	\$ 376,864	\$ 532,486
September		137,889	\$ 3.5736	\$ 492,753	153,468	\$ 0.8863	\$ 136,015	153,468	\$ 2.1612	\$ 331,667	\$ 467,682
October		120,398	\$ 3.5637	\$ 429,060	125,234	\$ 0.8781	\$ 109,965	125,234	\$ 2.1457	\$ 268,716	\$ 378,681
November		132,559	\$ 3.6190	\$ 479,725	146,829	\$ 0.8989	\$ 131,985	146,829	\$ 2.1849	\$ 320,812	\$ 452,798
December		135,185	\$ 3.6371	\$ 491,686	141,606	\$ 0.9011	\$ 127,600	141,606	\$ 2.1890	\$ 309,982	\$ 437,582
Total		1,649,634	\$ 3.59	\$ 5,926,625	1,713,232	\$ 0.89	\$ 1,532,307	1,713,232	\$ 2.14	\$ 3,674,735	\$ 5,207,042
Low Voltage Switchgear Credit (if applicable)											\$ -
Total including deduction for Low Voltage Switchgear Credit											\$ 5,207,042



Ontario Energy Board

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	Amount
January	95,393	\$ 3.9200	\$ 373,941	103,683	\$ 0.9700	\$ 100,573	103,683	\$ 2.3300	\$ 241,581	\$ 342,154
February	89,662	\$ 3.9200	\$ 351,475	93,497	\$ 0.9700	\$ 90,692	93,497	\$ 2.3300	\$ 217,848	\$ 308,540
March	88,912	\$ 3.9200	\$ 348,535	88,912	\$ 0.9700	\$ 86,245	88,912	\$ 2.3300	\$ 207,165	\$ 293,410
April	76,742	\$ 3.9200	\$ 300,829	79,182	\$ 0.9700	\$ 76,807	79,182	\$ 2.3300	\$ 184,494	\$ 261,301
May	70,212	\$ 3.9200	\$ 275,231	71,597	\$ 0.9700	\$ 69,449	71,597	\$ 2.3300	\$ 166,821	\$ 236,270
June	112,171	\$ 3.9200	\$ 439,710	114,743	\$ 0.9700	\$ 111,301	114,743	\$ 2.3300	\$ 267,351	\$ 378,652
July	129,618	\$ 3.9200	\$ 508,103	130,595	\$ 0.9700	\$ 126,677	130,595	\$ 2.3300	\$ 304,286	\$ 430,964
August	122,053	\$ 3.9200	\$ 478,448	124,778	\$ 0.9700	\$ 121,035	124,778	\$ 2.3300	\$ 290,733	\$ 411,767
September	72,224	\$ 3.9200	\$ 283,118	87,803	\$ 0.9700	\$ 85,169	87,803	\$ 2.3300	\$ 204,581	\$ 289,750
October	60,854	\$ 3.9200	\$ 238,548	65,690	\$ 0.9700	\$ 63,719	65,690	\$ 2.3300	\$ 153,058	\$ 216,777
November	80,610	\$ 3.9200	\$ 315,991	94,764	\$ 0.9700	\$ 91,921	94,764	\$ 2.3300	\$ 220,800	\$ 312,721
December	86,768	\$ 3.9200	\$ 340,131	93,189	\$ 0.9700	\$ 90,393	93,189	\$ 2.3300	\$ 217,130	\$ 307,524
Total	1,085,219	\$ 3.92	\$ 4,254,058	1,148,433	\$ 0.97	\$ 1,113,980	1,148,433	\$ 2.33	\$ 2,675,849	\$ 3,789,829

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	43,470	\$ 3.3980	\$ 147,710	43,738	\$ 0.8045	\$ 35,187	43,738	\$ 2.0194	\$ 88,324	\$ 123,511
February	42,523	\$ 3.3980	\$ 144,493	42,523	\$ 0.8045	\$ 34,210	42,523	\$ 2.0194	\$ 85,871	\$ 120,081
March	38,592	\$ 3.3980	\$ 131,136	38,592	\$ 0.8045	\$ 31,047	38,592	\$ 2.0194	\$ 77,933	\$ 108,980
April	38,225	\$ 3.3980	\$ 129,887	38,225	\$ 0.8045	\$ 30,752	38,225	\$ 2.0194	\$ 77,191	\$ 107,942
May	36,805	\$ 3.3980	\$ 125,062	36,805	\$ 0.8045	\$ 29,609	36,805	\$ 2.0194	\$ 74,323	\$ 103,932
June	42,565	\$ 3.3980	\$ 144,637	42,565	\$ 0.8045	\$ 34,244	42,565	\$ 2.0194	\$ 85,957	\$ 120,200
July	51,167	\$ 3.3980	\$ 173,865	51,167	\$ 0.8045	\$ 41,164	51,167	\$ 2.0194	\$ 103,327	\$ 144,490
August	45,494	\$ 3.3980	\$ 154,590	45,494	\$ 0.8045	\$ 36,600	45,494	\$ 2.0194	\$ 91,871	\$ 128,472
September	65,665	\$ 3.3980	\$ 223,128	65,665	\$ 0.8045	\$ 52,827	65,665	\$ 2.0194	\$ 132,603	\$ 185,430
October	59,544	\$ 3.3980	\$ 202,330	59,544	\$ 0.8045	\$ 47,903	59,544	\$ 2.0194	\$ 120,243	\$ 168,146
November	51,949	\$ 3.3980	\$ 176,521	52,065	\$ 0.8045	\$ 41,887	52,065	\$ 2.0194	\$ 105,141	\$ 147,027
December	48,417	\$ 3.3980	\$ 164,521	48,417	\$ 0.8045	\$ 38,951	48,417	\$ 2.0194	\$ 97,773	\$ 136,725
Total	564,415	\$ 3.40	\$ 1,917,881	564,799	\$ 0.80	\$ 454,381	564,799	\$ 2.02	\$ 1,140,556	\$ 1,594,937

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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -



Ontario Energy Board

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.

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	138,863	\$ 3.7566	\$ 521,651	147,421	\$ 0.9209	\$ 135,760	147,421	\$ 2.2378	\$ 329,906	\$ 465,665
February	132,185	\$ 3.7521	\$ 495,968	136,020	\$ 0.9183	\$ 124,902	136,020	\$ 2.2329	\$ 303,719	\$ 428,621
March	127,504	\$ 3.7620	\$ 479,671	127,504	\$ 0.9199	\$ 117,292	127,504	\$ 2.2360	\$ 285,098	\$ 402,390
April	114,967	\$ 3.7464	\$ 430,716	117,407	\$ 0.9161	\$ 107,558	117,407	\$ 2.2289	\$ 261,685	\$ 369,243
May	107,017	\$ 3.7405	\$ 400,293	108,402	\$ 0.9138	\$ 99,058	108,402	\$ 2.2245	\$ 241,144	\$ 340,202
June	154,736	\$ 3.7764	\$ 584,348	157,308	\$ 0.9252	\$ 145,545	157,308	\$ 2.2460	\$ 353,308	\$ 498,852
July	180,785	\$ 3.7723	\$ 681,968	181,762	\$ 0.9234	\$ 167,841	181,762	\$ 2.2426	\$ 407,613	\$ 575,454
August	167,547	\$ 3.7783	\$ 633,038	170,272	\$ 0.9258	\$ 157,635	170,272	\$ 2.2470	\$ 382,604	\$ 540,239
September	137,889	\$ 3.6714	\$ 506,246	153,468	\$ 0.8992	\$ 137,996	153,468	\$ 2.1971	\$ 337,184	\$ 475,180
October	120,398	\$ 3.6618	\$ 440,878	125,234	\$ 0.8913	\$ 111,622	125,234	\$ 2.1823	\$ 273,301	\$ 384,923
November	132,559	\$ 3.7154	\$ 492,513	146,829	\$ 0.9113	\$ 133,808	146,829	\$ 2.2199	\$ 325,941	\$ 459,749
December	135,185	\$ 3.7330	\$ 504,652	141,606	\$ 0.9134	\$ 129,345	141,606	\$ 2.2238	\$ 314,904	\$ 444,248
Total	1,649,634	\$ 3.74	\$ 6,171,940	1,713,232	\$ 0.92	\$ 1,568,361	1,713,232	\$ 2.23	\$ 3,816,405	\$ 5,384,766
Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 5,384,766



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	95,393	\$ 3.9200	\$ 373,941	103,683	\$ 0.9700	\$ 100,573	103,683	\$ 2.3300	\$ 241,581	\$ 342,154
February	89,662	\$ 3.9200	\$ 351,475	93,497	\$ 0.9700	\$ 90,692	93,497	\$ 2.3300	\$ 217,848	\$ 308,540
March	88,912	\$ 3.9200	\$ 348,535	88,912	\$ 0.9700	\$ 86,245	88,912	\$ 2.3300	\$ 207,165	\$ 293,410
April	76,742	\$ 3.9200	\$ 300,829	79,182	\$ 0.9700	\$ 76,807	79,182	\$ 2.3300	\$ 184,494	\$ 261,301
May	70,212	\$ 3.9200	\$ 275,231	71,597	\$ 0.9700	\$ 69,449	71,597	\$ 2.3300	\$ 166,821	\$ 236,270
June	112,171	\$ 3.9200	\$ 439,710	114,743	\$ 0.9700	\$ 111,301	114,743	\$ 2.3300	\$ 267,351	\$ 378,652
July	129,618	\$ 3.9200	\$ 508,103	130,595	\$ 0.9700	\$ 126,677	130,595	\$ 2.3300	\$ 304,286	\$ 430,964
August	122,053	\$ 3.9200	\$ 478,448	124,778	\$ 0.9700	\$ 121,035	124,778	\$ 2.3300	\$ 290,733	\$ 411,767
September	72,224	\$ 3.9200	\$ 283,118	87,803	\$ 0.9700	\$ 85,169	87,803	\$ 2.3300	\$ 204,581	\$ 289,750
October	60,854	\$ 3.9200	\$ 238,548	65,690	\$ 0.9700	\$ 63,719	65,690	\$ 2.3300	\$ 153,058	\$ 216,777
November	80,610	\$ 3.9200	\$ 315,991	94,764	\$ 0.9700	\$ 91,921	94,764	\$ 2.3300	\$ 220,800	\$ 312,721
December	86,768	\$ 3.9200	\$ 340,131	93,189	\$ 0.9700	\$ 90,393	93,189	\$ 2.3300	\$ 217,130	\$ 307,524
Total	1,085,219	\$ 3.92	\$ 4,254,058	1,148,433	\$ 0.97	\$ 1,113,980	1,148,433	\$ 2.33	\$ 2,675,849	\$ 3,789,829

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	43,470	\$ 3.3980	\$ 147,710	43,738	\$ 0.8045	\$ 35,187	43,738	\$ 2.0194	\$ 88,324	\$ 123,511
February	42,523	\$ 3.3980	\$ 144,493	42,523	\$ 0.8045	\$ 34,210	42,523	\$ 2.0194	\$ 85,871	\$ 120,081
March	38,592	\$ 3.3980	\$ 131,136	38,592	\$ 0.8045	\$ 31,047	38,592	\$ 2.0194	\$ 77,933	\$ 108,980
April	38,225	\$ 3.3980	\$ 129,887	38,225	\$ 0.8045	\$ 30,752	38,225	\$ 2.0194	\$ 77,191	\$ 107,942
May	36,805	\$ 3.3980	\$ 125,062	36,805	\$ 0.8045	\$ 29,609	36,805	\$ 2.0194	\$ 74,323	\$ 103,932
June	42,565	\$ 3.3980	\$ 144,637	42,565	\$ 0.8045	\$ 34,244	42,565	\$ 2.0194	\$ 85,957	\$ 120,200
July	51,167	\$ 3.3980	\$ 173,865	51,167	\$ 0.8045	\$ 41,164	51,167	\$ 2.0194	\$ 103,327	\$ 144,490
August	45,494	\$ 3.3980	\$ 154,590	45,494	\$ 0.8045	\$ 36,600	45,494	\$ 2.0194	\$ 91,871	\$ 128,472
September	65,665	\$ 3.3980	\$ 223,128	65,665	\$ 0.8045	\$ 52,827	65,665	\$ 2.0194	\$ 132,603	\$ 185,430
October	59,544	\$ 3.3980	\$ 202,330	59,544	\$ 0.8045	\$ 47,903	59,544	\$ 2.0194	\$ 120,243	\$ 168,146
November	51,949	\$ 3.3980	\$ 176,521	52,065	\$ 0.8045	\$ 41,887	52,065	\$ 2.0194	\$ 105,141	\$ 147,027
December	48,417	\$ 3.3980	\$ 164,521	48,417	\$ 0.8045	\$ 38,951	48,417	\$ 2.0194	\$ 97,773	\$ 136,725
Total	564,415	\$ 3.40	\$ 1,917,881	564,799	\$ 0.80	\$ 454,381	564,799	\$ 2.02	\$ 1,140,556	\$ 1,594,937

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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -



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.

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	138,863	\$ 3.76	\$ 521,651	147,421	\$ 0.92	\$ 135,760	147,421	\$ 2.24	\$ 329,906	\$ 465,665
February	132,185	\$ 3.75	\$ 495,968	136,020	\$ 0.92	\$ 124,902	136,020	\$ 2.23	\$ 303,719	\$ 428,621
March	127,504	\$ 3.76	\$ 479,671	127,504	\$ 0.92	\$ 117,292	127,504	\$ 2.24	\$ 285,098	\$ 402,390
April	114,967	\$ 3.75	\$ 430,716	117,407	\$ 0.92	\$ 107,558	117,407	\$ 2.23	\$ 261,685	\$ 369,243
May	107,017	\$ 3.74	\$ 400,293	108,402	\$ 0.91	\$ 99,058	108,402	\$ 2.22	\$ 241,144	\$ 340,202
June	154,736	\$ 3.78	\$ 584,348	157,308	\$ 0.93	\$ 145,545	157,308	\$ 2.25	\$ 353,308	\$ 498,852
July	180,785	\$ 3.77	\$ 681,968	181,762	\$ 0.92	\$ 167,841	181,762	\$ 2.24	\$ 407,613	\$ 575,454
August	167,547	\$ 3.78	\$ 633,038	170,272	\$ 0.93	\$ 157,635	170,272	\$ 2.25	\$ 382,604	\$ 540,239
September	137,889	\$ 3.67	\$ 506,246	153,468	\$ 0.90	\$ 137,996	153,468	\$ 2.20	\$ 337,184	\$ 475,180
October	120,398	\$ 3.66	\$ 440,878	125,234	\$ 0.89	\$ 111,622	125,234	\$ 2.18	\$ 273,301	\$ 384,923
November	132,559	\$ 3.72	\$ 492,513	146,829	\$ 0.91	\$ 133,808	146,829	\$ 2.22	\$ 325,941	\$ 459,749
December	135,185	\$ 3.73	\$ 504,652	141,606	\$ 0.91	\$ 129,345	141,606	\$ 2.22	\$ 314,904	\$ 444,248
Total	1,649,634	\$ 3.74	\$ 6,171,940	1,713,232	\$ 0.92	\$ 1,568,361	1,713,232	\$ 2.23	\$ 3,816,405	\$ 5,384,766

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 5,384,766

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	0.0080	369,090,358	0	2,952,723	45.8%	2,825,747	0.0077
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	93,352,171	0	681,471	10.6%	652,166	0.0070
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8962		960,319	2,781,276	43.1%	2,661,673	2.7717
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	1,917,991	0	14,001	0.2%	13,399	0.0070
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1954		86	189	0.0%	181	2.1009
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1843		8,981	19,617	0.3%	18,774	2.0904

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	0.0070	369,090,358	0	2,583,633	46.1%	2,484,533	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	93,352,171	0	606,789	10.8%	583,515	0.0063
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4776		960,319	2,379,286	42.5%	2,288,025	2.3826
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	1,917,991	0	12,467	0.2%	11,989	0.0063
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9556		86	168	0.0%	162	1.8806
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9154		8,981	17,202	0.3%	16,542	1.8419

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	0.0077	369,090,358	0	2,825,747	45.8%	2,825,747	0.0077
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	93,352,171	0	652,166	10.6%	652,166	0.0070
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7717		960,319	2,661,673	43.1%	2,661,673	2.7717
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	1,917,991	0	13,399	0.2%	13,399	0.0070
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1009		86	181	0.0%	181	2.1009
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0904		8,981	18,774	0.3%	18,774	2.0904

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	0.0067	369,090,358	0	2,484,533	46.1%	2,484,533	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0063	93,352,171	0	583,515	10.8%	583,515	0.0063
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3826		960,319	2,288,025	42.5%	2,288,025	2.3826
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0063	1,917,991	0	11,989	0.2%	11,989	0.0063
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8806		86	162	0.0%	162	1.8806
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8419		8,981	16,542	0.3%	16,542	1.8419



Ontario Energy Board

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	V	Price Cap Index	1.40%
Associated Stretch Factor Value	0.60%		

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	32.02				1.40%	32.47	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	26.91		0.02		1.40%	27.29	0.0203
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	204.98		4.0939		1.40%	207.85	4.1512
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	9.97		0.0318		1.40%	10.11	0.0322
SENTINEL LIGHTING SERVICE CLASSIFICATION	5.86		15.7612		1.40%	5.94	15.9819
STREET LIGHTING SERVICE CLASSIFICATION	1.8		6.8961		1.40%	1.83	6.9926
microFIT SERVICE CLASSIFICATION	5.4					5.4	

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

Incentive Rate-setting Mechanism Rate Generator for 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
---------------------------------	----	------

Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):	\$	36.86
--	----	-------

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



Ontario Energy Board

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 Not considered as pass through costs (eg: LRAMVA and ICM/ACM rate riders). Sub-total B refers to rates/rate riders that are considered pass through costs.

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
Rate Rider for Application of Tax Change	\$	0.06	- effective until		A
			- 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
Rate Rider for Application of Tax Change	\$/kWh	0.0001	- effective until		A
			- 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
Rate Rider for Application of Tax Change	\$/kW	0.0127	- effective until		A
			- 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
Rate Rider for Application of Tax Change	\$/kWh	0.0002	- effective until		A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

SENTINEL LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)	SUB-TOTAL
Rate Rider for Application of Tax Change	\$/kW	0.0922	- effective until	A
Rate Rider for Disposition of Capacity Based Recovery Account Applicable only for Class B Custome	\$/kW	0.0465	- effective until	B
Rate Rider for Disposition of Deferral/Variance Accounts Applicable only for Non-Wholesale Marke	\$/kWh	-0.0013	- effective until	B
Rate Rider for Disposition of Deferral/Variance Accounts	\$/kW	0.7063	- effective until	B
			- 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
Rate Rider for Application of Tax Change	\$/kW	0.0904	- effective until	A
			- 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 F:
GA ANALYSIS WORK FORM

Ontario Energy Board

GA Analysis Workform

Version 1.9

589 Global Adjustment (GA) Analysis Workform

Input cells

Drop down cells

Utility NameELEXICON ENERGY INC.-WHITBY RATE ZONE

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.

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
2017	\$ 459,784	\$ 675,912	\$ (216,166)	\$ 459,747	\$ (38)	\$ 28,467,800	0.0%
2018	\$ (348,047)	\$ (545,705)	\$ 203,587	\$ (342,118)	\$ 5,929	\$ 23,239,533	0.0%
2019	\$ 530,312	\$ 423,335	\$ 106,266	\$ 529,601	\$ (711)	\$ 26,301,176	0.0%
Cumulative Balance	\$ 642,050	\$ 553,542	\$ 93,688	\$ 647,230	\$ 5,180	\$ 78,008,510	N/A



GA Analysis Workform

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

Year		2017		
Total Metered excluding WMP	C = A+B	819,079,958	kWh	100%
RPP	A	449,207,866	kWh	54.8%
Non RPP	B = D+E	369,872,092	kWh	45.2%
Non-RPP Class A	D	98,787,815	kWh	12.1%
Non-RPP Class B*	E	271,084,277	kWh	33.1%

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

Note 3 **GA Billing Rate**

GA is billed on the

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	2017								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	28,184,592			28,184,592	0.06687	\$ 1,884,704	0.08227	\$ 2,318,746	\$ 434,043
February	25,037,816			25,037,816	0.10559	\$ 2,643,743	0.08639	\$ 2,163,017	\$ (480,726)
March	28,564,887			28,564,887	0.08409	\$ 2,402,021	0.07135	\$ 2,038,105	\$ (363,917)
April	24,355,525			24,355,525	0.06874	\$ 1,674,199	0.10778	\$ 2,625,038	\$ 950,840
May	27,180,271			27,180,271	0.10623	\$ 2,887,360	0.12307	\$ 3,345,076	\$ 457,716
June	25,154,345			25,154,345	0.11954	\$ 3,006,950	0.11848	\$ 2,980,287	\$ (26,664)
July	21,429,563			21,429,563	0.10652	\$ 2,282,677	0.11280	\$ 2,417,255	\$ 134,578
August	22,558,699			22,558,699	0.11500	\$ 2,594,250	0.10109	\$ 2,280,459	\$ (313,792)
September	19,225,112			19,225,112	0.12739	\$ 2,449,087	0.08864	\$ 1,704,114	\$ (744,973)
October	21,375,958			21,375,958	0.10212	\$ 2,182,913	0.12563	\$ 2,685,462	\$ 502,549
November	18,811,125			18,811,125	0.11164	\$ 2,100,074	0.09704	\$ 1,825,432	\$ (274,642)
December	22,643,753			22,643,753	0.08391	\$ 1,900,037	0.09207	\$ 2,084,810	\$ 184,773
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	284,521,646	-	-	284,521,646		\$ 28,008,016		\$ 28,467,800	\$ 459,784

Calculated Loss Factor 1.0496
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW 1.0454
Difference 0.0042

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.

The data used in Note 4 reflects actual consumption by calendar month. This approach is more retrospective in nature

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

n/a Loss Factor within 1%

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments	
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)		675,912		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 18,359		Yes	
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	-\$ 29,120		Yes	
2a	Remove prior year end unbilled to actual revenue differences	\$ 33,003		No	Exlcuded from 2016
2b	Add current year end unbilled to actual revenue differences	-\$ 193,106		Yes	
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers				
3b	Add difference between current year accrual/forecast to actual from long term load transfers				
4	Remove GA balances pertaining to Class A customers				
5	Significant prior period billing adjustments recorded in current year				
6	Differences in GA IESO posted rate and rate charged on IESO invoice	-\$ 45,302		No	Not a Principal Adj
7	Differences in actual system losses and billed TLFs				
8	Others as justified by distributor				
9					
10					

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ 459,747
	Net Change in Expected GA Balance in the Year Per Analysis	\$ 459,784
	Unresolved Difference	\$ (38)
	Unresolved Difference as % of Expected GA Payments to IESO	0.0%



GA Analysis Workform

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

Year		2018		
Total Metered excluding WMP	C = A+B	866,748,674	kWh	100%
RPP	A	482,183,513	kWh	55.6%
Non RPP	B = D+E	384,565,161	kWh	44.4%
Non-RPP Class A	D	139,259,185	kWh	16.1%
Non-RPP Class B*	E	245,305,976	kWh	28.3%

*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	2018								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	21,326,201			21,326,201	0.08777	\$ 1,871,801	0.06736	\$ 1,436,533	\$ (435,268)
February	19,472,466			19,472,466	0.07333	\$ 1,427,916	0.08167	\$ 1,590,316	\$ 162,400
March	21,493,716			21,493,716	0.07877	\$ 1,693,060	0.09481	\$ 2,037,819	\$ 344,759
April	19,219,729			19,219,729	0.09810	\$ 1,885,455	0.09959	\$ 1,914,093	\$ 28,637
May	21,156,717			21,156,717	0.09392	\$ 1,987,039	0.10793	\$ 2,283,444	\$ 296,406
June	20,175,570			20,175,570	0.13336	\$ 2,690,614	0.11896	\$ 2,400,086	\$ (290,528)
July	23,395,383			23,395,383	0.08502	\$ 1,989,075	0.07737	\$ 1,810,101	\$ (178,975)
August	24,635,064			24,635,064	0.07790	\$ 1,919,071	0.07490	\$ 1,845,166	\$ (73,905)
September	21,647,920			21,647,920	0.08424	\$ 1,823,621	0.08584	\$ 1,858,257	\$ 34,637
October	20,320,932			20,320,932	0.08921	\$ 1,812,830	0.12059	\$ 2,450,501	\$ 637,671
November	20,380,379			20,380,379	0.12235	\$ 2,493,539	0.09855	\$ 2,008,486	\$ (485,053)
December	21,673,820			21,673,820	0.09198	\$ 1,993,558	0.07404	\$ 1,604,730	\$ (388,828)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	254,897,898	-	-	254,897,898		\$ 23,587,580		\$ 23,239,533	\$ (348,047)

Calculated Loss Factor 1.0391

Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW 1.0454

Difference -0.0063

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.

The data used in Note 4 reflects actual consumption by calendar month. This approach is more retrospective in nature.

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

n/a Loss Factor within 1%

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments	
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)		-\$ 545,705		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 29,120		Yes	
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ -			
2a	Remove prior year end unbilled to actual revenue differences	\$ 193,106		Yes	
2b	Add current year end unbilled to actual revenue differences	-\$ 18,294		Yes	
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers				
3b	Add difference between current year accrual/forecast to actual from long term load transfers	\$ -			
4	Remove GA balances pertaining to Class A customers	\$ -			
5	Significant prior period billing adjustments recorded in current year	\$ -			
6	Differences in GA IESO posted rate and rate charged on IESO invoice	-\$ 345		No	Not a Principal Adj
7	Differences in actual system losses and billed TLFs				
8	Others as justified by distributor				
9					
10					

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ (342,118)
	Net Change in Expected GA Balance in the Year Per Analysis	\$ (348,047)
	Unresolved Difference	\$ 5,929
	Unresolved Difference as % of Expected GA Payments to IESO	0.0%



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	847,314,129	kWh	100%
RPP	A	466,028,801	kWh	55.0%
Non RPP	B = D+E	381,285,328	kWh	45.0%
Non-RPP Class A	D	148,430,331	kWh	17.5%
Non-RPP Class B*	E	232,854,997	kWh	27.5%

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

Note 3 GA Billing Rate

GA is billed on the

1st Estimate

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

Yes

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

Yes

Note 4 Analysis of Expected GA Amount

Year	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 = I*L	=M-K
January	24,580,174			24,580,174	0.06741	\$ 1,656,950	0.08092	\$ 1,989,028	\$ 332,078
February	19,362,503			19,362,503	0.09657	\$ 1,869,837	0.08812	\$ 1,706,224	\$ (163,613)
March	23,514,671			23,514,671	0.08105	\$ 1,905,864	0.08041	\$ 1,890,815	\$ (15,049)
April	19,872,369			19,872,369	0.08129	\$ 1,615,425	0.12333	\$ 2,450,859	\$ 835,434
May	19,775,192			19,775,192	0.12860	\$ 2,543,090	0.12604	\$ 2,492,465	\$ (50,624)
June	19,598,947			19,598,947	0.12444	\$ 2,438,893	0.13728	\$ 2,690,543	\$ 251,650
July	22,205,104			22,205,104	0.13527	\$ 3,003,684	0.09645	\$ 2,141,682	\$ (862,002)
August	19,847,985			19,847,985	0.07211	\$ 1,431,238	0.12607	\$ 2,502,235	\$ 1,070,997
September	18,501,673			18,501,673	0.12934	\$ 2,393,006	0.12263	\$ 2,268,860	\$ (124,146)
October	18,030,831			18,030,831	0.17878	\$ 3,223,552	0.13680	\$ 2,466,618	\$ (756,934)
November	18,144,456			18,144,456	0.10727	\$ 1,946,356	0.09953	\$ 1,805,918	\$ (140,438)
December	20,340,401			20,340,401	0.08569	\$ 1,742,969	0.09321	\$ 1,895,929	\$ 152,960
Net Change in Expected GA Balance in the Year (I.e. Transactions in the Year)	243,774,306	-	-	243,774,306		\$ 25,770,864		\$ 26,301,176	\$ 530,312

Calculated Loss Factor 1.0469
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW 1.0454
Difference 0.0015

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.

The data used in Note 4 reflects actual consumption by calendar month. This approach is more retrospective in nature.

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

N/A - Loss Factor within 1%

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments	
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)				Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 423,335			
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year				
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ (120,184)		Yes	
2a	Remove prior year end unbilled to actual revenue differences	\$ 18,294		Yes	
2b	Add current year end unbilled to actual revenue differences	\$ (86,592)		Yes	
3a	Remove difference between prior year accrual/unbilled to actual from load transfers				
3b	Add difference between current year accrual/unbilled to actual from load transfers				
3	Significant prior period billing adjustments recorded in current year				
4	Differences in actual system losses and billed TLFs				
5	CT 2148 for prior period corrections				
6	Others as justified by distributor	\$ 294,748	Note 4 picks up Retail Billing for both GA Revenue and Cost. Cost should be adjusted for UFE as per the OEB Accounting Guidance. The expected GA variance should be reflected as Revenue (retail kWh x 1st estimate) and Cost (retail+UFE kWh x actual GA rate) to align with the GL.	No	Reconciliation to Note 4 calculation which is inconsistent to Accounting Guidance
7					
8					
9					
10					

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ 529,601
	Net Change in Expected GA Balance in the Year Per Analysis	\$ 530,312
	Unresolved Difference	\$ (711)
	Unresolved Difference as % of Expected GA Payments to IESO	0.0%

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 True-up of GA charges - related to 2016	(18,359)	Yes	
2			
3			
4			
5			
6			
7			
8			
Total	(18,359)		
Total principal adjustments included in last approved balance			
Difference	(18,359)		

Account 1588 - RSVA Power			
Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1	-		
2			
3			
4			
5			
6			
7			
8			
Total	-		
Total principal adjustments included in last approved balance			
Difference	-		

Note 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

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2017	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1 True-up of GA charges - related to 2016	18,359.00	2017
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	18,359	
2017	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(29,120)	2018
	2 Unbilled to actual revenue differences	(193,106)	2018
	3		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(222,226)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(203,867)	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2017	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
2017	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals		
	3 Unbilled to actual revenue differences		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	-	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	-	

Account 1589 - RSA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2018	<i>Reversals of prior year principal adjustments</i>		
	1 Reversal of prior year CT-148 true-up of GA Charges based on actual Non-RPP volumes	29,120	2018
	2 Reversal of Unbilled to actual revenue differences	193,106	2018
	3		
	4		
	5		
	6		
	7		
	8		
Total Reversal Principal Adjustments		222,226	
2018	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes		
	2 Unbilled to actual revenue differences	(18,294)	2019
	3		
	4		
	5		
	6		
	7		
	8		
Total Current Year Principal Adjustments		(18,294)	
Total Principal Adjustments to be Included on DVA Continuity Schedule		203,932	

Account 1589 - RSA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	<i>Reversals of prior year principal adjustments</i>		
	1 Reversal of prior year CT-148 true-up of GA Charges based on actual		
	2 Reversal of Unbilled to actual revenue differences	18,294	2019
	3		
	4		
	5		
	6		
	7		
	8		
Total Reversal Principal Adjustments		18,294	
2019	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(120,184)	2020
	2 Unbilled to actual revenue differences	(86,592)	2020
	3		
	4		
	5		
	6		
	7		
	8		
Total Current Year Principal Adjustments		(206,776)	
Total Principal Adjustments to be Included on DVA Continuity Schedule		(188,482)	

Account 1588 - RSA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2018	<i>Reversals of prior year principal adjustments</i>		
	1 Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
	2 Reversal of CT 1142 true-up based on actuals		
	3 Reversal of Unbilled to actual revenue differences	-	
	4		
	5		
	6		
	7		
	8		
Total Reversal Principal Adjustments		-	
2018	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals		
	3 Unbilled to actual revenue differences	(41,319)	2,019
	4		
	5		
	6		
	7		
	8		
Total Current Year Principal Adjustments		(41,319)	
Total Principal Adjustments to be Included on DVA Continuity Schedule		(41,319)	

Account 1588 - RSA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	<i>Reversals of prior year principal adjustments</i>		
	1 Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
	2 Reversal of CT 1142 true-up based on actuals		
	3 Reversal of Unbilled to actual revenue differences	41,319	2,019
	4		
	5		
	6		
	7		
	8		
Total Reversal Principal Adjustments		41,319	
2019	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals	(186,786)	2,020
	3 Unbilled to actual revenue differences	(165,515)	2,020
	4		
	5		
	6		
	7		
	8		
Total Current Year Principal Adjustments		(352,301)	
Total Principal Adjustments to be Included on DVA Continuity Schedule		(310,982)	

APPENDIX G:
ACCOUNT 1595 ANALYSIS WORK
FORM



1595 Analysis Workform

Account 1595 Analysis Workform

Input cells
Drop down cells

Utility Name

Ellexicon Energy Inc.-Whitby Rate Zone

Utility name must be selected

Eligible for
disposition?

2014 and pre-2014

No

2015

No

2016

Yes

2017

Yes

2018

No

2019

No

Note that vintage years 2018 and 2019 are not eligible for disposition in the current rate year application.



1595 Analysis Workform

Step 1

Year in which this worksheet relates to

2016

Components of the 1595 Account Balances:		Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment		-\$58,452	-\$34,531	-\$92,983	-\$68,250	-\$24,733	-\$253	-\$24,986	26.6%
Account 1589 - Global Adjustment		\$1,938,016	\$44,864	\$1,982,880	\$1,971,164	\$11,716	\$9,408	\$21,124	0.6%
Total Group 1 and Group 2 Balances		\$1,879,563	\$10,333	\$1,889,896	\$1,902,913	-\$13,017	\$9,155	-\$3,862	-0.7%
Total residual balance per continuity schedule:								-\$3,862	
Difference (any variance should be explained):								\$0	

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

Step 2

Select Rate Rider(s) Applicable for 1595 Recovery Period by indicating "Yes" in column G

Rate Rider- Group 1 DVA Accounts (Excluding Global Adjustment)
Rate Rider- Group 1 DVA Accounts (Excluding Global Adjustment) - Non-WMP
Rate Rider - RSVA - Global Adjustment
Rate Rider - RSVA - Group 2 Accounts (If a separate Group 2 rate rider was created)
Other 1
Other 2
Other 3

Yes
Yes
No
No
No
No
No

RATE RIDER - GROUP 1 DVA ACCOUNTS (EXCLUDING GLOBAL ADJUSTMENT)
Rate Rider Recovery Period (Months)

12

Data used to calculate rate rider (Data to agree with Rate Generator Model and OEB Decision as applicable for the vintage year) versus actuals.

Rate Class	Unit	Allocated Balance to Rate Class as Approved by OEB	Denominator Used in Rider Calculation as Approved by OEB (annualized)	Calculated Rate Rider as Approved by OEB	Projected Consumption over Recovery Period	Billed Consumption (kWh/kW) that the rider was applied against**	Forecasted versus billed Consumption Variance (kWh/kW)	Calculated Variance (\$)	Calculated Variance (%)
RESIDENTIAL SERVICE CLASSIFICATION	kWh	204,304	354,735,995	\$0.0006	354,735,995	365,206,700	-10,470,705	(\$6,282)	-3.1%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	59,146	85,014,850	\$0.0007	85,014,850	87,855,163	-2,840,313	(\$1,988)	-3.4%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	354,744	953,957	\$0.3719	953,957	957,600	-3,643	(\$1,355)	-0.4%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	209	1,748,609	\$0.0001	1,748,609	1,743,258	5,351	\$1	0.3%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	37	101	\$0.3653	101	85	16	\$6	15.4%
STREET LIGHTING SERVICE CLASSIFICATION	kW	4,874	24,758	\$0.1969	24,758	16,121	8,637	\$1,701	34.9%
microFIT SERVICE CLASSIFICATION									
TOTAL		\$623,313						(\$7,919)	-1.3%

**Data for billed consumption should not be materially different from data submitted in RRR 2.1.5.4 filings. Please refer to RRR 2.1.5.4 filings to ensure billed consumption data is reasonably accurate.
There may be differences due to unbilled revenue accruals, recovery period dates, or other factors. However, any substantial deviations between billed consumption that the rider was applied against and billed consumption reported in RRR can be an indicator of rider misallocations or errors in the data used in the workform.

RATE RIDER - GROUP 1 DVA ACCOUNTS (EXCLUDING GLOBAL ADJUSTMENT) - NON-WMP
Rate Rider Recovery Period (Months)

12

Data used to calculate rate rider (Data to agree with Rate Generator Model and OEB Decision as applicable for the vintage year) versus actuals.

Rate Class	Unit	Allocated Balance to Rate Class as Approved by OEB	Denominator Used in Rider Calculation as Approved by OEB (annualized)	Calculated Rate Rider as Approved by OEB	Projected Consumption over Recovery Period	Billed Consumption (kWh/kW) that the rider was applied against**	Forecasted versus billed Consumption Variance (kWh/kW)	Calculated Variance (\$)	Calculated Variance (%)
RESIDENTIAL SERVICE CLASSIFICATION	kWh	-297,553	354,735,995	(\$0.0008)	354,735,995	365,206,700	-10,470,705	\$8,377	-2.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	-71,311	85,014,850	(\$0.0008)	85,014,850	87,855,163	-2,840,313	\$2,272	-3.2%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	-338,217	944,832	(\$0.3590)	944,832	948,322	-3,490	\$1,250	-0.4%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	-1,467	1,748,609	(\$0.0008)	1,748,609	1,743,258	5,351	(\$4)	0.3%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	-30	101	(\$0.3014)	101	85	16	(\$5)	15.4%
STREET LIGHTING SERVICE CLASSIFICATION	kW	-7,719	24,758	(\$0.3118)	24,758	16,121	8,637	(\$2,693)	34.9%
microFIT SERVICE CLASSIFICATION									
TOTAL		(\$716,297)						\$9,196	-1.3%

**Data for billed consumption should not be materially different from data submitted in RRR 2.1.5.4 filings. Please refer to RRR 2.1.5.4 filings to ensure billed consumption data is reasonably accurate.
There may be differences due to unbilled revenue accruals, recovery period dates, or other factors. However, any substantial deviations between billed consumption that the rider was applied against and billed consumption reported in RRR can be an indicator of rider misallocations or errors in the data used in the workform.

SUMMARY		
Total Calculated Account Balance		\$1,278
Total Account Residual Balance per Step 1 above		(\$13,017)
Unreconciled Differences***		\$14,295

***Any unreconciled difference between amounts reported in the residual balances section in Step 1 and amounts calculated for the total of all applicable riders in Step 3 must be explained.

Additional Notes and Comments

The Group 1 balance (excluding GA) is made up of two allocated DV amounts: one for all customers and the other for non-WMP only. When these two components are analysed independently, the residual balance of each is not considered material (falls below the variance level of 10% that would require further analysis and explanation). As a result, no additional analysis is required. Please see the Manager Summary for more detail. The data for billed consumption is not materially different from the data submitted in RRR 2.1.5.4 filings.

1595 Analysis Workform

Step 1

*Year in which this worksheet relates to		2017							
Components of the 1595 Account Balances:		Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment		\$573,868	\$14,894	\$588,762	\$551,288	\$37,474	\$4,099	\$41,574	6.4%
Account 1589 - Global Adjustment		\$56,136	\$0	\$56,136	\$56,136	\$0	\$0	\$0	0.0%
Total Group 1 and Group 2 Balances		\$630,004	\$14,894	\$644,898	\$607,424	\$37,474	\$4,099	\$41,574	5.8%
Total residual balance per continuity schedule:								\$41,574	
Difference (any variance should be explained):								\$0	

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

APPENDIX H:
CERTIFICATE OF EVIDENCE



Certification of Evidence

Attestation

With respect to Elexicon Energy - Whitby Rate Zone's 2021 Annual IR Index Distribution Rate Application, I, Lucy Lombardi, Chief Financial Officer & Vice President, Regulatory Affairs of Elexicon Energy Inc. hereby certify that the evidence filed is accurate, consistent and complete to the best of my knowledge.

Company Name:

**Elexicon Energy Inc.
Whitby Rate Zone**

Certifier Details:

Name:

Lucy Lombardi

Position:

**Chief Financial Officer & Vice President,
Regulatory Affairs**

Signature:

Lucy Lombardi

Date:

August 6, 2020

APPENDIX I: CHECKLIST

2021 IRM Checklist

Elexicon Energy - Whitby Rate Zone

EB-2020-0012

Filing Requirement
Page # Reference

Date: August 7th 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 Introduction and Manager's Summary (3.1)
4	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact		Application (3.1.2) pg. 8
4	Completed Rate Generator Model and supplementary work forms, Excel and PDF		Appendix E (PDF) + Excel Model
4	Current tariff sheet, PDF		Appendix B
4	Supporting documentation (e.g. relevant past decisions, RRWF etc.)		Application pg.9
4	Statement as to who will be affected by the application, specific customer groups affected by particular request		Application pg.9
4	Applicant's internet address		Application pg.9
4	Statement confirming accuracy of billing determinants pre-populated in model		Application pg.9
4	Text searchable PDF format for all documents		Confirmed
4	An Excel version of the IRM Checklist		Appendix I Excel Model: WRZ_2021_IRM_Checklist
3.1.3 Applications and Electronic Models			
5	Populated GA Analysis Workform		Appendix F (PDF) Excel Model: WRZ_2021_GA_Analysis_Workform_20200807
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		Not Applicable Application (3.2.2) pg. 10
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		Not Applicable
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 A-1 (PDF) Excel Model: 2021_Generic_LRAMVA_Workform_Elexicon_Whitby RZ_20200807
5	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub-accounts		Appendix G (PDF) Excel Model: WRZ_2021_1595_Analysis_Workform_1.0_20200807
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		Not Applicable
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>			
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		Application (3.2.3) pg. 10 (Not Applicable)
7	Mitigation plan if total bill increases for any customer class exceed 10%		Not Applicable
3.2.4 Electricity Distribution Retail Transmission Service Rates			
No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB			
3.2.5 Review and Disposition of Group 1 DVA Balances			
9	Justification if any account balance in excess of the threshold should not be disposed		Not Applicable
10	Completed tab 3 - continuity schedule in Rate Generator Model		Appendix E (PDF) Excel model: WRZ_2021_IRM_Rate-Generator-Model_20200807
10 - 11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account		Application (Table 2) pg. 12
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"		Application (3.2.5) pg. 11
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.		Rate Generator Model LRAMVA - Application (3.2.6, Table 8) and Appendix A, A-1
12	GA rate riders calculated on an energy basis (kWh)		Application (3.2.5.2) pg. 14 Rate Generator Model
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.		Rate Generator Model Application (3.2.5.1) pg. 14

2021 IRM Checklist

Elexicon Energy - Whitby Rate Zone

EB-2020-0012

Filing Requirement
Page # Reference

Date: August 7th 2020

IRM REQUIREMENTS		Evidence Reference, Notes
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	Rate Generator Model
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.	Excel Model: WRZ_2021_GA_Analysis_Workform_20200807 Application (3.2.5.2) pg. 15 Appendix F
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.	Extension Granted Application (3.2.5.3) pg. 16-18
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.	Application (3.2.5.3) pg. 16-18
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 H Application (3.2.5.3) pg. 18
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	Rate Generator Model Application (3.2.5.4) pg. 18
3.2.6 Lost Revenue Adjustment Mechanism Variance Account		
16 - 21	<p>LRAMVA - disposition of balance: Distributors must provide version 3 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.</p> <p>An application for lost revenues should also provide the following:</p> <ul style="list-style-type: none"> - 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 <p>For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following information:</p> <ul style="list-style-type: none"> o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS application o Confirmation that the street light upgrades represent incremental savings attributable to participation in the IESO program, and that any savings not attributable to the IESO program have been removed (for example, other upgrades under normal asset management plans) o Confirmation that the associated energy savings from the applicable IESO program have been removed from the LRAMVA workform so as not to double count savings (for example, if requesting lost revenue recovery for the demand savings from a street light upgrade program, the associated energy savings from the Retrofit program have been subtracted from the Retrofit total) o Confirmation that the distributor has received reports from the participating municipality that validate the number and type of bulbs replaced or retrofitted through the IESO program <p>A table in live excel format that shows the monthly breakdown of billed demand over the period of the street light upgrade project and</p>	<p>Application (3.2.6) pg. 18-21 Appendix A Appendix A-1 Excel Model: 2021_Generic_LRAMVA_Workform_Elexicon_Whitby RZ_20200807</p>

2021 IRM Checklist

Elexicon Energy - Whitby Rate Zone

EB-2020-0012

Filing Requirement
Page # Reference

Date: August 7th 2020

IRM REQUIREMENTS		Evidence Reference, Notes
3.2.7 Tax Changes		
21	If applicable, tabs 8 and 9 of Rate Generator Model complete	Appendix E (PDF) Excel Model: WRZ_2021-IRM-Rate-Generator-Model_20200807
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	Application (3.2.7) pg. 21
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	Not Applicable
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	Not Applicable Application (3.2.8), pg.23
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.	Not Applicable
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	Not Applicable
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	Not Applicable
24	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rational for proposal	Not Applicable
24	Residential rider on fixed basis	Not Applicable
24	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	Not Applicable
3.3.1 Advanced Capital Module		
25	Evidence of passing "Means Test"	Not Applicable
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	Not Applicable
25	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required as to why	Not Applicable
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	Not Applicable
3.3.2 Incremental Capital Module		
3.3.2.1 ICM Filing Requirements		
	The following should be provided when filing for incremental capital:	Not Applicable
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	Not Applicable
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	Not Applicable
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	Not Applicable
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)	Not Applicable
28	Details by project for the proposed capital spending plan for the expected in-service year	Not Applicable
28	Description of the proposed capital projects and expected in-service dates	Not Applicable
28	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	Not Applicable
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)	Not Applicable
28	Description of the actions the distributor would take in the event that the OEB does not approve the application	Not Applicable

2021 IRM Checklist

Elexicon Energy - Whitby Rate Zone

EB-2020-0012

Filing Requirement
Page # Reference

Date: August 7th 2020

IRM REQUIREMENTS		Evidence Reference, Notes
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	Not Applicable
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	Not Applicable Application (3.3.5) pg. 23
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	Application (3.2.5) pg.12
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.	Application (3.2.5) pg. 12-13 Appendix G (PDF) Excel Model: WRZ_2021_1595_Analysis_Workform_1.0_20200807
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.	Application (3.2.5) pg. 12-13 Appendix G (PDF) Excel Model: WRZ_2021_1595_Analysis_Workform_1.0_20200807