August 20, 2020

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

VIA Email/RESS

Dear Ms. Long:

Re: Elexicon Energy Inc. – Veridian Rate Zone ("EV")
2021 Price Cap IR Distribution Rate Application
OEB File No: EB-2020-0013

In the Decision and Order EB- 2018-0236, dated December 20, 2018, the Ontario Energy Board ("OEB") granted approval for Whitby Hydro Electric Corporation ("Whitby Hydro") and Veridian Connections Inc. ("Veridian") 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 Inc. ("Elexicon") 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's 2021 Price Cap IR Distribution Rate Application for EV. 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 2020 IRM Rate Generator model
- Excel version of the GA Analysis Work Form
- Excel version of the 1595 Analysis Workform
- Excel version of Accounting Guidance to support 2019 analysis as well as a review of 2018
- Excel version of the Bill Impacts
- Excel version of the Foregone Revenue model
- Excel version of the Rate Year Alignment Rate Rider model
- Excel version of the Renewable Generation Connection Rate Protection review

- Excel version of the IRM Checklist
- Excel version of the LRAMVA Work Form
- 2011-2014 Final Results Report
- 2015-2017 Final Results Report
- April 2019 – Participation & Cost Report

Over the past several months, Elexicon has communicated with the OEB and Board Staff regarding its intention to request approval of a January 1st rate year for EV. This change will serve to align the rate year for both of Elexicon's rate zones. This application outlines the benefits of aligning rate years as well as Elexicon's plan to address any financial impacts to EV customers.

In the MAADs application (EB-2018-0236), Whitby Hydro and Veridian identified that the newly merged company was expecting to file an Incremental Capital Module ("ICM") during the cost of service deferral period. The MAADs decision also required an integrated Distribution System Plan ("DSP") to be submitted by April 2021.

As part of this application, Elexicon wishes to advise the OEB of its plan to file one or more ICM projects along with an integrated DSP in 2021. The expected ICM projects have been delayed due to a number of factors including the recent COVID-19 environment, and consequently insufficient information is available to file a complete ICM at this time. Elexicon expects to have the additional information related to costs and timing of the ICM projects available in order to file a complete ICM by the end of April 2021. Elexicon also believes that it will be beneficial to the OEB to have an integrated DSP available concurrently with its review of the proposed ICM. Elexicon notes that the OEB previously allowed both Halton Hills Hydro Inc. (EB-2018-0037) and Enbridge Gas Inc. (in both EB-2019-0194 and EB-2020-0095) to separate their formulaic IRM applications from the associated ICMs and that Elexicon's approach in this regard is not without precedence.

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

Sincerely,

Susan Reffle
Manager, Regulatory Affairs
Elexicon Energy Inc.

Elexicon Energy Inc.
Veridian Rate Zone

2021

Price Cap IR Distribution Rate Application

EB-2020-0013 | August 20, 2020

Elexicon Energy Inc.

2021 Price Cap IR Distribution Rate Application

Elexicon Energy Inc. – Veridian Rate Zone

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Table of Contents – Veridian Rate Zone

3.1 Application Introduction

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

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

Title of Proceeding:	An application by Elexicon Energy Inc. for an Order or Orders approving or fixing just and reasonable distribution rates and other charges for the Veridian Rate Zone, effective January 1, 2021.
Applicant's Name:	Elexicon Energy Inc.
Applicant's Address for Service:	100 Taunton Road East Whitby, Ontario L1N 5R8 Attention: Susan Reffle Telephone: (905) 427-9870 x 4262 E-mail: sreffle@elexiconenergy.com

1. Introduction

(a) In Decision and Order EB- 2018-0236, dated December 20, 2018, the Ontario Energy Board granted approval for Whitby Hydro Electric Corporation ("Whitby Hydro") and Veridian Connections Inc. ("Veridian") 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 Inc. was granted a 10-year deferred rebasing period. This will be accomplished by maintaining two separate rate zones Elexicon Energy Inc. – Whitby ("EW") and Elexicon Energy Inc. – Veridian ("EV") until rates are re-based.

(b) Elexicon Energy Inc. (the "Applicant") hereby applies to the Ontario 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 for EV, effective January 1, 2021, pursuant to the Board's Price Cap Incentive Rate Index rate-setting methodology ("Price Cap IR")

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 Change in Rate Year (Effective Date of Rate Order)

Elexicon requests that the OEB approve a January 1 rate year for EV and accordingly set approved 2021 rates with an effective date of January 1, 2021. Elexicon currently has a May 1 rate year for EV and a January 1 rate year for EW. Elexicon proposes to align both rate zones to a January 1 rate year. This proposal and supporting evidence is discussed further in Appendix H.

EV 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. Use of 2020 Approved Tariff of Rates and Charges as the Basis for Developing 2021 Proposed Rates in the 2021 Rate Generator Model.

Elexicon has requested that the EV May 1, 2020 rate deferral due to COVID-19 emergency be extended until December 31, 2020. As a result of this deferral and the proposed rate year alignment to January 1, 2021, the approved 2020 rates will not be implemented except through a Forgone Revenue Rate Rider.

5. Form of Hearing Requested

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

6. Relief Sought

Elexicon hereby applies for an Order or Orders approving the proposed distribution rates for all rate classes in EV 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 $2,849 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 $779,427. In this application EV is proposing to dispose of the impact of 2018 CDM Programs in 2018 and the persistence of 2012 to 2017 CDM Programs in 2018.

In addition, Elexicon requests the following:

(e) Rate Order Effective Date change to January 1 (see Appendix H) and implementation of the associated *Rate Year Alignment* Rate Riders effective January 1, 2021

(f) *Foregone Revenue* Rate Riders effective January 1, 2021, related to the deferral of May 1, 2020 rates due to the COVID-19 Emergency

(g) Per the OEB decision on *2020 Electricity Rate Protection Benefit and Charge,* EV is seeking Final Approval of the amounts to be recovered from the IESO which were approved on an interim basis in EB-2019-0279 (see Appendix I).

7. Bill Impact

The total bill impacts by customer class in EV are:

Table 1: Bill Impacts by Rate 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	$ 0.90	3.38%	$ 0.90	2.76%	$ 1.69	4.08%	$ 1.37	1.2%
Seasonal Residential	645		RPP TOU	$ (0.59)	-1.18%	$ (0.59)	-1.07%	$ 0.15	0.24%	$ 0.12	0.1%
GS<50 kW	2,000		RPP TOU	$ 2.28	4.38%	$ 2.28	3.42%	$ 4.17	4.73%	$ 3.38	1.2%
GS 50-2,999	432,160	1,480	Non-RPP	$ 341.59	6.64%	$ 341.59	3.99%	$ 983.17	6.22%	$ 1,110.98	1.3%
GS 3000-4999	1,752,000	4,000	Non-RPP	$ 741.37	5.14%	$ 741.37	2.68%	$ 2,648.97	5.38%	$ 2,993.34	0.9%
Large User	4,219,400	6,800	Non-RPP	$ 2,107.76	7.18%	$ 2,107.76	5.19%	$ 5,350.68	6.93%	$ 6,046.27	0.8%
Unmetered Scattered Load	500		RPP Tier	$ 0.45	2.87%	$ 0.45	2.34%	$ 0.92	3.75%	$ 0.75	1.0%
Sentinel Lights	180	1	RPP Tier	$ 0.64	3.44%	$ 0.64	3.20%	$ 0.91	3.95%	$ 0.74	1.9%
Street Lighting	37	1	Non-RPP	$ 0.92	20.23%	$ 0.92	18.21%	$ 1.21	14.57%	$ 1.36	8.8%

DATED at Whitby, Ontario, this 20th day of August, 2020

All of which is respectfully submitted,

Susan Reffle,
Manager, Regulatory Affairs
Elexicon Energy Inc.

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, Elexicon submits its 2021 Distribution Rate Application for EV consistent with the filing guidelines issued by the Board under the Price Cap IR option. Elexcion has outlined any additional elements that have been included in this application for the OEB's consideration.

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

Contact Information

The primary contact for the application is

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

John Vellone
Legal Counsel
Borden Ladner Gervais
416-367-6730
jvellone@blg.com

Rate Generator Model & Supplementary Work Forms

Elexicon 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
- COVID Foregone Revenue Rate Rider Model

All models will be submitted in both excel and PDF.

2020 Current Tariff Sheet

Appendix B contains the approved 2020 Tariff Sheet issued April 16, 2020 for EV and corrected April 23, 2020 from EB-2019-0252. As per vary order EB-2019-0252, and in light of the COVID-19 emergency, the Tariff of Rates and Charges was approved to be implemented November 1, 2020, or later upon giving prior notice to the OEB. However, the rates and charges within the tariff sheet provide the basis for the starting point from which the 2021 rates and charges are calculated using the Board's 2021 IRM Rate Generator Model.

Copies of the current and proposed tariff sheets and customer bill impacts are included in this Application (Appendices B, C and D respectively).

Supporting Documentation Cited within Application

Elexicon has committed to citing the supporting documentation throughout the application.

Who is affected by the Application

Elexicon distributes electricity in EV to approximately 122,000 residential and commercial customers (including general service, unmetered scattered loads, sentinel light and street light customer classes) within its regulated service area of Ajax, Pickering, Belleville, Brock, Uxbridge, Scugog, Clarington, Port Hope and Gravenhurst.

Public Notice

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

Accuracy of the billing determinants

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

2021 IRM Checklist

The 2021 IRM Checklist has been included with this application as Appendix L

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

3.2.1 Annual Adjustment Mechanism

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

3.2.1.1 Application of the Annual Adjustment Mechanism

The Price Cap adjustment applies to distribution rates (fixed and variable charges) uniformly across customer rate classes in EV.

Elexicon also notes that distribution rate updates for the Price Cap adjustment (for stretch and inflation factor) will impact the following items:

- The Forgone Revenue Rate Rider (for deferred May 1, 2020 rates) as outlined in Section 3.4.1
- The Rate Year Alignment Revenue Rate Rider (see Appendix H)

Elexicon requests that these elements of the application are also updated to incorporate impacts from the final Price Cap adjustment on distribution rates.

3.2.2 Revenue-to-Cost Ratio Adjustment

There are no previous Board approved adjustments to Elexicon's revenue-to-cost ratios required within this application.

3.2.3 Rate Design for Residential Electricity Customers

Elexicon incorporated the final phase of the transition to a fully fixed monthly distribution service charge in EV in its 2020 rate application EB-2019-0252. 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 Generator 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.

Elexicon has populated the model with the required historical data and requests that the Board update Elexicon's 2021 rate application to incorporate approved 2021 UTRs and sub-transmission rates if they become available (or the most current draft data available/requested for 2021 should they not be approved at the time of the Decision).

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

Elexicon has completed the continuity schedule in the 2021 Rate Generator Model related to Group 1 Deferral and Variance Accounts (DVA) for EV and confirms the accuracy of the pre-populated billing determinants. The last disposition of Group 1 account balances for EV was in the former Veridian 2019 IRM application (EB-2018-0072), which was based on 2017 balances and approved on an interim basis. The 2017 accounts balances were approved on a final basis in Elexicon's 2020 IRM application (EB-2019-0252). In keeping with the model instructions, the continuity starts with the balances as per the date for which approval was last received (ie. 2017 closing balances). No adjustments have been made to any deferral and variance account balances previously approved by the OEB on an interim or final basis.

The account balances in Tab 3 of the Continuity Schedule of the Rate Generator Model differ from the account balances in the trial balance as reported through RRR. The variance in column BW is reconciled as follows:

Table 2: RRR Reconciliation

Account Descriptions	Account #	Note 1 Unbilled to Actual billed revenue differences	Note 1 Prior Perid billing Adjustment	Note2 LRAMVA adjustment	Column BW Variance RRR vs. 2019 Balance *(Principal + Interest)*
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	677,864			677,864
RSVA - Global Adjustment	1589	813,370	253,940		1,067,310
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**	813,370		0	1,067,310
Total Group 1 Balance excluding Account 1589 - Global Adjustment		677,864		0	677,864
Total Group 1 Balance		1,491,234		0	1,745,174
LRAM Variance Account (only input amounts if applying for disposition of this account)	**1568**	0		304,755	304,755
Total including Account 1568		1,491,234		304,755	2,049,929

Note 1: See GA Analysis Workform, Tab "Principal Adjustments"
Note 2: Estimated LRAMVA amount to be disposed at a later date

The Group 1 Total Claim (2019 ending balances plus any identified adjustments and projected interest) does not exceed the threshold test. As a result, no disposition request for the Total Group 1 DVA balance is being made in this application.

1595 Analysis Work Form

Elexicon confirms that the disposition of residual balances for vintage Account 1595 have only been done once. Elexicon selected 1595 (2017) to be included in the Total Claim for the purposes of the threshold test because it meets the eligibility requirements for disposition. Elexicon has completed the 1595 Analysis Workform for 1595 (2017) and included it as Appendix G. Step 1 of the Workform is below and falls within the variance threshold.

Table 3: 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	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/ Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - GA	-$4,767,992	-$172,431	-$4,940,423	-$4,848,472	-$91,951	-$36,398	**-$128,348**	**1.9%**
Account 1589 - Global Adjustment	$4,852,571	$5,136	$4,857,707	$5,106,898	-$249,191	-$8,509	**-$257,700**	**-5.1%**
Total Group 1 and Group 2 Balances	$84,579	-$167,295	-$82,716	$258,426	-$341,141	-$44,907	**-$386,048**	**412.4%**
						Total residual balance per continuity schedule:	-$386,048	
						Difference (any variance should be explained):	**$0**	

3.2.5.1 Wholesale Market Participants

As applicable, Elexicon has followed the approach identified in the Filing Requirements to address wholesale market participants (WMP).

3.2.5.2 Global Adjustment

Global Adjustment - GA Analysis Work Form

As stated in the Filing Requirements, section 3.2.5.2 Global Adjustment, all distributors are required to complete and submit the GA Analysis Work Form for each year that has not previously been approved by the OEB for disposition. Elexicon has completed the GA Analysis Work Form to assist in assessing the reasonability of balances in account 1589 for 2018 and 2019 (see Appendix F).

The 2018 and 2019 analysis tab 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 4: GA Analysis Work Form

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
2018	$(1,310,067)	$(1,769,493)	$ 597,153	$ (1,172,339)	$ 137,728	$ 70,918,333	0.2%
2019	$ 1,658,068	$ 2,531,513	$ (772,233)	$ 1,759,280	$ 101,211	$ 79,610,356	0.1%
Cumulative Balance	**$ 348,001**	**$ 762,020**	**$ (175,080)**	**$ 586,940**	**$ 238,939**	**$ 150,528,689**	

The 2018 and 2019 reconciliation amounts in Note 5 are consistent with the principal adjustments in Tab 3 of the 2021 Rate Generator Model (columns AV (2018) and BF (2019)). The applicable explanation sections of the work form have been completed.

Elexicon 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. The reconciling item is only required to match the results in Note 4 calculations, but is not required as an adjustment to the continuity schedule.

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. The OEB expects that all transactions recorded in these accounts during 2019 will have been accounted for in accordance with this guidance.

Elexicon addressed the accounting guidance for EV in its 2020 IRM Rate Application (EB-2019-0252). Elexicon did a fulsome review of its existing processes against the accounting guidance with a specific objective to assess and compare the final outcome of each method to determine whether there are any material differences.

Elexicon's conclusions of the 2019 review for EV are summarized below:

- Elexicon identified that the difference in outcomes using the original EV methodology as compared to OEB methodology relates to the
    - Allocation of UFE between RPP and Non-RPP
    - Actual RPP kWh ratios vs. estimate
    - Small differences in GA rates (posted vs. actual)
- Elexicon adopted reasonable modifications to existing processes to eliminate the effects of any differences in outcomes starting in 2019
- Elexicon determined that the differences in outcomes were below the materiality threshold and as a result, no historical adjustments are required.
- Elexicon agreed to incorporate any adjustments related to impacts of timing differences for 2019 going forward into continuity schedules in future rate applications.

The EB-2019-0252 OEB decision dated April 16, 2020 stated the following regarding the Accounting Guidance:

> ***The OEB approves final disposition of the Veridian RZ 2017 Group 1 balances that were previously approved on an interim basis in its 2019 rate proceeding.***
>
> ***The OEB finds that the 2018 account balances appear reasonable and confirms that the threshold calculation is correct. As the disposition threshold has not been exceeded and the utility did not request disposition, no disposition is required at this time.***
>
> ***The OEB finds that the implementation of the February 21, 2019 accounting guidance is mandatory. However, given the special circumstances of integrating the operations of the two merged distributors' rate zones, the OEB will approve an extension for the implementation of the accounting guidance to align with the implementation date of the new integrated CIS. These findings are consistent with the OEB's findings on Elexicon Energy's application for its Whitby RZ 2020 rate application***.

For EV, Elexicon has continued to use its existing approach with the modifications as outlined in its 2020 rate application and associated documents filed through that application process. As a result of the modifications made during 2019, Elexicon was following the OEB Guidelines with only one small exception - a process difference for EV identified to the OEB as follows:

- Charge Type (CT) 148 is booked into account 1589 and the portion of CT1142 equaling RPP minus HOEP for RPP consumption is booked in to account 1588. The portion of CT 1142 equaling GA RPP is credited into account 1589. As communicated in the 2020 IRM (EB-2019-0252) response to Staff-7, Elexicon reviewed the process and confirmed that it has handled the entries to align with the OEB Guidance outcomes and as a result there was no impact to the 1588/1589 balances. Elexicon advised the OEB that it was prepared to change its process for EV going forward. Due to timing of the application review process and receipt of Staff questions, there was insufficient time to make the process changes until 2020.

The timing of the new integration CIS is not a barrier to implementation of the OEB's accounting guidance for EV. The differences in CIS configuration and changes required to existing processes in order to

strictly adopt the OEB's accounting guidance are relevant only to Elexicon's EW rate zone. The CIS integration has been delayed slightly due to COVID-19 but is currently expected to occur later in 2020.

While Elexicon is not requesting a disposition of Group 1 Account balances for EV, Appendix J has been provided which incorporates materials related to the review of the OEB Account Guidance and analyses prepared in Elexicon's 2020 IRM for EV. The 2020 IRM addressed a review of 2019 (January-June) as well as a historical review for 2017 and 2018. The OEB decision approved disposition of 2017 balances on a final basis and determined that the 2018 balances were reasonable.

Elexicon has extended its analysis for 2019. An Excel version of the analysis has been provided "*Elexicon_VRZ_2021_Acctg Guidance 2019 Analysis_full year_20200820"*. Elexicon has also provided the GA Analysis Workform for both 2018, and 2019 for EV.

Certification of Evidence- Commodity Accounts 1588 and 1589

Elexicon 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 K consistent with the certification requirements in Chapter 1 of the filing requirements.

3.2.5.4 Capacity Based Recovery (CBR)

As applicable, Elexicon has followed the approach identified in the Filing Requirements to address the disposition of CBR variances.

3.2.6 LRAM Variance Account (LRAMVA)

Elexicon is applying for partial disposition of Account 1568 – LRAMVA to recover lost revenues in the amount of $779,427. The lost revenues were incurred in 2018 due to energy savings and demand reductions from Conservation and Demand Management ("CDM") programs offered between 2012 and 2018. A summary of the LRAMVA disposition request by customer class including projected carrying charges is as follows:

Table 5: LRAMVA Disposition

	2018 LRAMVA		
Customer Class	**Principal**	**Interest**	**Total**
RESIDENTIAL SERVICE CLASSIFICATION	227,464	10,324	237,788
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	105,721	4,799	110,520
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	288,602	13,100	301,702
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	15,484	703	16,186
LARGE USE SERVICE CLASSIFICATION	80,856	3,670	84,526
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	169	8	177
STREET LIGHTING SERVICE CLASSIFICATION	27,290	1,239	28,529
Total LRAM Amounts	**745,585**	**33,842**	**779,427**

The LRAMVA is intended to capture the variance between the level of CDM program activities included in the LDC's Board-approved load forecast and the results of actual, verified impacts of CDM activities undertaken by the LDC. In Veridian's last cost of service rate proceeding (EB-2013-0174) the approved load forecast was established for a 2014 single forward test year, which included the impacts of CDM in 2012 and prior years. This rate application also recovered lost revenues from Veridian's 2011-2012 CDM Programs in 2011 and 2012. In Veridian's 2017 IRM application (EB-2016-0107) Veridian disposed its LRAMVA debit balance of $561,168, consisting of lost revenues in 2013, 2014 and 2015 from CDM programs delivered in 2012-2015. In Veridian's 2019 IRM application (EB-2018-0072) Veridian disposed its LRAMVA debit balance of $1,244,756, consisting of lost revenues in 2016 and 2017 from CDM programs delivered in 2012 - 2016.

Elexicon retained IndEco Strategic Consulting Inc. ("IndEco") to develop its 2018 LRAMVA claim, their full report is available in Appendix A. IndEco used the most recent input assumptions available at the time of the program evaluation, including Veridian's IESO Final Verified CDM savings report for 2011-14 ('2011-2014 Final Results Report_Elexicon_Veridian RZ'), Veridian's IESO Final Verified CDM savings report for 2015-2017 ('2015-2017 Final Results Report_Elexicon_Veridian RZ'), and Veridian's April 2019 IESO Participation and Cost Report ('April 2019-Participation & Cost Report_Elexicon_Veridian RZ'); all reports have been filed with the application in Excel format.

Veridian proposes to recover the LRAMVA amount of $779,427 through class-specific volumetric rate riders that would be in effect for a period of twelve months, from January 1, 2021 to December 31, 2021. The class-specific rate riders were determined by totaling the class-specific LRAMVA amount by program and dividing by the amount of volume or demand billed in 2019.

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 LRAMVA calculation in this application.

Authorization for LRAMVA Recovery

2011-2014 Framework

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

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

2015-2020 Conservation First Framework

The March 31, 2014 directive from the Minster of Energy to the Ontario Energy Board states:

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

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

> *"Distributors with variable distribution rates are currently compensated for reduced consumption due to conservation programs using a lost revenue adjustment mechanism ("LRAM"). With an LRMA [sic], a distributor can recover revenues it has lost in the past because a CDM program has lowered customers' consumption levels. The LRAM is a retrospective adjustment as a distributor recovers these lost revenues through higher distribution rates in a future period. A fixed*

charge approach can support conservation and net metering for customer-owned renewable generation by removing disincentives for distributors to promote and deliver CDM programs and eliminating any need for the current limits on net metering in the Board's Distribution System Code. Further, fixed rate design will eventually eliminate the reliance on an LRAM to address any disincentive for a distributor to promote CDM.

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

Methodology for Calculating LRAMVA

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

Between 2011 and 2018 Veridian administered only IESO-Contracted Province-Wide CDM programs and did not have any Board-Approved programs. Since Veridian did not have any Board-Approved CDM programs, it does not require an independent third party review of its CDM savings as detailed in Section 6.1 of the Conservation and Demand Management Code (September 16, 2010).

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

The lost revenue amounts to be recovered have been adjusted for free riders as defined in the Guidelines. Lost revenues are based on net kWh or kW after deducting for free riders. The amount of free riders varies depending on the CDM program.

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

LRAMVA Calculation

The LRAMVA amount was calculated by deducting the LRAMVA threshold from the net energy savings (kW or kWh) for each program, and then multiplying by the Board approved volumetric distribution charge for the applicable rate class, on a year by year basis. Regulatory asset recovery riders were excluded from the approved rates in calculating the LRAMVA amounts.

In accordance with the filing requirements, Elexicon has included the OEB LRAMVA work form as Appendix A-1 and has also provided a working Microsoft Excel file with the application.

CDM Adjustment to Load Forecast

In the OEB's April 10th, 2014 Decision and Order on Veridian's 2014 electricity distribution rates (EB-2013-0174), the Board approved Veridian's Settlement Proposal which included the CDM adjustment to Veridian's test year load forecast.

The table below provides the CDM adjustment to the load forecast by rate class in EV.

Table 6: CDM Load Forecast Adjustment

Rate Class	CDM Load Forecast Adjustment	
	kWh	kW
Residential	6,117,617	-
Residential - Seasonal	94,223	-
GS<50	5,350,400	-
GS>50	19,546,777	19,267
Intermediate	62,993	54
Large Use	461,286	450
Street Lights	-	-
Sentinel Lights	-	-
USL	-	-
Total	**31,633,297**	**19,771**

From these values and the Chapter 2 Appendix I filed with the Cost of Service, IndEco was able to calculate the LRAMVA Threshold that takes into account the above manual adjustment, 2012 partial results captured through the regression analysis, and an adjustment to 2014 estimated results to make

them comparable to IESO reports that are based on first-year savings, not calendar year savings. The table below shows the LRAMVA threshold (based on estimated results in 2012-2014). The difference between the amounts stated below and the actual verified final program results form the basis of the LRAMVA amount available for recovery from customers:

Table 7: LRAMVA Threshold

Rate class	LRAMVA Threshold	
	kWh	kW
Residential	8,597,676	-
Residential-seasonal	132,421	-
GS<50	7,519,432	-
GS 50 to 2,999 kW	27,470,967	27,078
GS 3000 to 4,999 kW	88,530	6
Large use	648,290	632
StreetLights	-	-
Sentinel Lights	-	-
USL	-	-
Total	**44,457,315**	**27,716**

Street Lighting

Several municipalities in Elexicon's EV service area have completed LED street light retrofits based on SaveOnEnergy Retrofit incentives. The energy savings associated with these projects are included in Veridian's final results, however because street lights are not used during peak periods and are unmetered, the IESO report is not appropriate for estimated lost revenue for this rate class. Instead the kW reductions have been calculated based on associated bills that were adjusted by these amounts.

Prior to calculating the lost revenues for its streetlight accounts, Elexicon removed the associated net kW and kWh savings assigned by the IESO to Veridian's street lighting retrofit projects from the total retrofit savings.

Carrying Charges

In accordance with Section 13.3 of the 2012 Guidelines, Elexicon is seeking recovery of carrying charges up to December 31st, 2020 in the amount of $33,841.

EV used the Board's prescribed interest rates through Q3-2020. Elexicon assumes that the Board's prescribed rate for Q4-2020 to be the same as Q3-2020.

Rate Rider Calculation

Elexicon proposes to recover the LRAMVA amounts, including associated carrying costs, through class-specific volumetric rate riders. These rate riders were determined by dividing the class- specific LRAMVA amount by the total billed kWh or kW for each rate class in 2019.

Elexicon proposes a single rate rider for each rate class from January 1, 2021 to December 31, 2021. The proposed rate riders are shown in the table below.

Table 8: LRAMVA Rate Riders

LRAMVA Rate Riders

1 year				
Customer Class	**Annual Recovery**	**Volume**	**Rate Rider**	**per**
RESIDENTIAL SERVICE CLASSIFICATION	237,788	955,333,994	0.0002	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	110,520	294,131,394	0.0004	kWh
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	301,702	2,275,621	0.1326	kW
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	16,186	195,196	0.0829	kW
LARGE USE SERVICE CLASSIFICATION	84,526	433,414	0.1950	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	177	4,636,636	0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	28,529	36,658	0.7782	kW
	779,427			

3.2.7 Tax Changes

Shared Tax Savings

As stated in the Filing Requirements (Section 3.2.7), OEB policy, as described in the OEB's 2008 report entitled *Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors (the "Supplemental Report"),* prescribes a 50/50 sharing of the impacts of legislated tax changes from distributors' tax rates embedded in its OEB approved base rate known at the time of application. Elexicon has completed the appropriate sheets in the 2021 Rate Generator Model.

In its 2014 rate application, when calculating PILs to be included within its Cost of Service revenue requirement, Elexicon claimed the Ontario small business deduction and consequently the effective tax rate was reduced from 26.50% to 25.61%. There was a change in the Ontario tax laws effective May 1, 2014, whereby only companies with less than $15 million of assets are eligible to claim the small business deduction. Elexicon's total assets were $293 million in 2014.

The change in the combined Corporate Income Tax rate of 25.61% from 2014 to 26.50% in 2019, results in a $2,849 Shared Tax Savings Adjustment charge to customers.

As stated in section 3.2.7 of the Filing Requirements, "A rate rider to four decimal places must be generated for all applicable customer classes in order to dispose of the amounts. If one or more customer classes do not generate a rate rider to the fourth decimal place, the entire 50/50 sharing amount will be transferred to Account 1595 for disposition at a future date." Since none of the customer classes generated a rate rider, Elexicon is proposing to transfer the balance to 1595 for future disposition. This approach is consistent with Elexicon's recommendations and the Board's approvals in previous rate applications.

Bill C-97 CCA Rule Change

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

3.2.8 Z-factor Claims

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

3.3 Elements Specific only to the Price Cap IR Plan

3.3.1 Advanced Capital Module

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

3.3.2 Incremental Capital Module

Elexicon wishes to advise the OEB of its plan to file one or more ICM projects along with an integrated DSP in 2021. The expected ICM projects have been delayed due to a number of factors including the recent COVID-19 environment, and consequently insufficient information is available to file a complete ICM at this time. Elexicon expects to have the additional information related to costs and timing of the ICM projects available in order to file a complete ICM by the end of April 2021. Elexicon also believes that it will be beneficial to the OEB to have an integrated DSP available concurrently with its review of the proposed ICM. Elexicon notes that the OEB previously allowed both Halton Hills Hydro Inc. (EB-2018-

0037) and Enbridge Gas Inc. (in both EB-2019-0194 and EB-2020-0095) to separate their formulaic IRM applications from the associated ICMs and that Elexicon's approach in this regard is not without precedence.

3.3.3 Treatment of Costs for 'eligible investments'

Per the OEB decision on 2020 Electricity Rate Protection Benefit and Charge; Elexicon is seeking Final Approval of the amounts to be recovered from the IESO which were approved on an interim basis in EB-2019-0279 (see Appendix I).

3.3.4 Conservation and Demand Management Costs for Distributors

Elexicon has no OEB-approved CDM programs.

3.3.5 Off-ramps

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

Elexicon understands that the IRM application process is intended to be mechanistic in nature. The OEB has permitted some exceptions in previous IRM rate applications (EB-2015-0013/0251, EB-2016-0114, EB-2017-0085/0292, EB-2018-0079) where a single IRM process was determined to be the most efficient and effective approach for all stakeholders, and provided greater overall clarity for total customer bill impacts. In advance of filing this application, Elexicon has been in communication with the OEB, advising of its intent to address the following items in Elexicon's 2021 IRM for EV:

- Request to align Elexicon's rate year for EV from May 1 to January 1, which would then be the same as the rate year for EW. This request stems from the recent merger in 2019 of the former Whitby Hydro and Veridian who operated under differing rate years.

- Forgone Revenue Rate Rider (due to deferred May 1, 2020 rate implementation). With a proposed rate year of January 1, Elexicon has included a request to address the Forgone

Revenue Rate Rider in EV's 2021 IRM rate application. This approach will eliminate the need for a second separate application process which would otherwise run largely in parallel, both of which would have the same proposed effective date of January 1 for rates.

Further details of these requests are found in Appendix H, and Section 3.4.1 of the Manager's Summary respectively.

With the exception of the above two items, Elexicon has not included any specific issues identified for exclusion from a Price Cap IR.

3.4.1 Forgone Revenue Rate Rider

Elexicon filed a 2020 Price Cap IR Distribution Rate Application (EB-2019-0252) on October 15, 2019 for EV rates effective May 1, 2020. The Decision for the EV application included an option to postpone implementation of its new rates until November 1, 2020 due to the uncertainty of the COVID-19 situation.

On April 21, 2020, Elexicon wrote to the OEB seeking authorization to postpone the implementation of its new rates for EV to at least November 1, 2020, with a possibility of extending the postponement past that date. Elexicon explained that it wished to determine the best options available to minimize rate impacts to customers given that it intends to propose that EV's rate year be aligned to a date of January 1, 2021 (similar to EW). The Board accepted Elexicon's proposal and issued a Vary Order[1].

On August 6, 2020, the OEB issued its *Accounting Order for the Establishment of a Sub-account to Record Impacts Arising from the COVID-19 Emergency for Forgone Revenues from Postponing Rate Implementation* and the accompanying *Guidance for Electricity Distributors with Forgone Revenues Due to Postponed Rate Implementation From COVID-19* ("Forgone Revenue Guidance"). An Excel model ("Forgone Revenue Model") was also posted on the OEB website.

On August 12, 2020, Elexicon wrote to the OEB and highlighted prior correspondence regarding its proposal to align EV's rate year to January 1, and provided the following request regarding Elexicon's deferral of EV's May 1, 2020 rates:

- Extend the deferral of its 2020 rates to December 31, 2020
- Implement a forgone revenue rate rider effective January 1, 2020

[1] EB-2019-0252 – Vary Order dated April 28, 2020.

- Incorporate the forgone revenue application into EV's 2021 IRM rate application process (EB-2020-0013)

It is Elexicon's view that EV's 2021 IRM application will provide the most efficient process to review the Forgone Revenue and related bill impacts.

The Forgone Revenue model has been prepared in accordance with the OEB's Guidance issued on August 6, 2020. Elexicon has worked with Board Staff to update the Forgone Revenue Model to correct formula errors that were identified.

As OEB's Guidance was issued a short time prior to the application filing date, and limited time has passed to track the revenue impact to-date, the following approach was used to populate the Forgone Revenue model:

- Customer count (or connections):
  - May – July 2020: Monthly actual average of opening and ending balances
  - August – December 2020: Internal projections
  - 2021: December 2020 ending projection adjusted for limited or no growth due to COVID-19 uncertainty

- Volumetric (kW/kWh):
  - May – July 2020: monthly actual billed, plus unbilled
  - August – December 2020: Internal projections
  - 2021: Average consumption or demand per customer applied to customer count or connection projections

With limited actual data, and the risk of uncertainty due to the COVID-19 environment, the estimated information is considered a reasonable approach for the purpose of the Forgone Revenue rate rider calculations. In keeping with the OEB's Accounting Guidance, actual forgone revenue will be tracked against the approved Forgone Revenue rate rider and residual balances will be considered for review and final disposition.

The Forgone Revenue and rate riders are summarized as follows:

Table 9: Foregone Revenue Rate Riders

Rate Class	Unit	Difference in MFC	Difference in DVR	Forgone Revenue (MFC)	Forgone Revenue (DVR)	Forgone Revenue Rate Rider (MFC)	Forgone Revenue Rate Rider (DVR)
RESIDENTIAL SERVICE	kWh	0.45	0.00000	405,042.75	0.00	0.30	0.0000
SEASONAL RESIDENTIAL SERVICE	kWh	4.31	(0.00730)	54,112.05	(52,017.83)	2.84	(0.0047)
GENERAL SERVICE LESS THAN 50 KW SERVICE	kWh	0.29	0.00030	21,472.18	54,419.55	0.19	0.0002
GENERAL SERVICE 50 TO 2,999 KW SERVICE	kW	1.87	0.05780	15,344.28	88,862.35	1.24	0.0383
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE	kW	98.50	0.03660	3,940.00	6,235.37	65.67	0.0248
LARGE USE SERVICE	kW	147.96	0.05160	4,734.72	11,522.56	98.64	0.0271
UNMETERED SCATTERED LOAD SERVICE	kWh	0.12	0.00030	785.40	926.43	0.08	0.0002
STREET LIGHTING SERVICE	kW	0.01	0.06510	2,504.12	2,140.44	0.01	0.0577

Note that Elexicon has not included a rate rider for the Sentinel Lighting rate class as the Forgone Revenue value was determined to be immaterial (below $300).

The bill impacts included in the Forgone Revenue model are not considered applicable since they assume a comparison of 2019 rates with those approved for 2020 (plus the inclusion of the proposed Forgone Revenue rate rider). Given Elexicon's request to extend EV's deferral of 2020 rates until the end of December 2020, and proposal to adopt January 1 as the effective date for 2021 rates, the more appropriate comparison for customer bill impacts is the proposed 2021 rates (including the Forgone Revenue rate rider) against the 2019 rates. To facilitate the proper bill impact comparison, Elexicon has prepared a separate bill impact Excel spreadsheet which has been filed with this application (Elexicon_VRZ_2021_Bill Impacts_20200820). The overall summary of bill impact for all 2021 rates and rate riders is provided in Table 10 below.

Bill Impacts

The Rate Generator Bill Impact tab is designed to compare average customer bills assuming 2021 rates as compared to 2020 rates, however this is not reflective of the proposed elements in this application. Elexicon has provided a separate bill impact Excel spreadsheet in order to compare two years of rate changes included in the 2021 rates (due to the May 1, 2020 rate deferral) against the current 2020 bills which apply 2019 rates. A summary of the Bill Impacts are as follows:

Table 10: Bill Impacts by Rate 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	$ 0.90	3.38%	$ 0.90	2.76%	$ 1.69	4.08%	$ 1.37	1.2%
Seasonal Residential	645		RPP TOU	$ (0.59)	-1.18%	$ (0.59)	-1.07%	$ 0.15	0.24%	$ 0.12	0.1%
GS<50 kW	2,000		RPP TOU	$ 2.28	4.38%	$ 2.28	3.42%	$ 4.17	4.73%	$ 3.38	1.2%
GS 50-2,999	432,160	1,480	Non-RPP	$ 341.59	6.64%	$ 341.59	3.99%	$ 983.17	6.22%	$ 1,110.98	1.3%
GS 3000-4999	1,752,000	4,000	Non-RPP	$ 741.37	5.14%	$ 741.37	2.68%	$ 2,648.97	5.38%	$ 2,993.34	0.9%
Large User	4,219,400	6,800	Non-RPP	$ 2,107.76	7.18%	$ 2,107.76	5.19%	$ 5,350.68	6.93%	$ 6,046.27	0.8%
Unmetered Scattered Load	500		RPP Tier	$ 0.45	2.87%	$ 0.45	2.34%	$ 0.92	3.75%	$ 0.75	1.0%
Sentinel Lights	180	1	RPP Tier	$ 0.64	3.44%	$ 0.64	3.20%	$ 0.91	3.95%	$ 0.74	1.9%
Street Lighting	37	1	Non-RPP	$ 0.92	20.23%	$ 0.92	18.21%	$ 1.21	14.57%	$ 1.36	8.8%

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

Comparing 2021 rates against 2019 rates is consistent with the change customers will see on their bill. Total bill impacts proposed range from 0.1% to 1.9% for average customers in each class with the exception of Street Lighting. Street Lighting customers have undergone lighting retrofit projects and claimed rebates through conservation programs which Elexicon previously delivered. This has resulted in lower demand and consumption and reduced bills. As a result of the lower demand, the LRAMVA recovery is spread over lower billing determinants; causing a slightly higher bill impact than other classes where the impacts are more widely spread over the customer rate class.

Key impacts to the overall bill are summarized as:

- Distribution charges reflect an inflationary increase for the annual price cap index of 1.7% for two years due to the COVID relief offered to customers

- Recovery of Forgone Revenue related to the May 1, 2020 rate deferral (disposition over a twelve month period)
- Retail Transmission Rates increased 9% for all classes due to an increase in IESO and Hydro One approved rates effective July 1, 2019.
- Newly proposed disposition rate riders for lost revenue (LRAMVA)
- Any financial impact in 2021 as a result of the January 1 rate year alignment, has been fully offset by the Rate Year Alignment Rate Rider

Copies of the current and proposed tariff sheets and EV's calculated customer bill impacts are included in this Application (Appendices B, C and D respectively). The heading "Tariff of Rates and Charges" has been added to the proposed tariff sheet as it appears to have been inadvertently omitted in the model.

List of Appendices

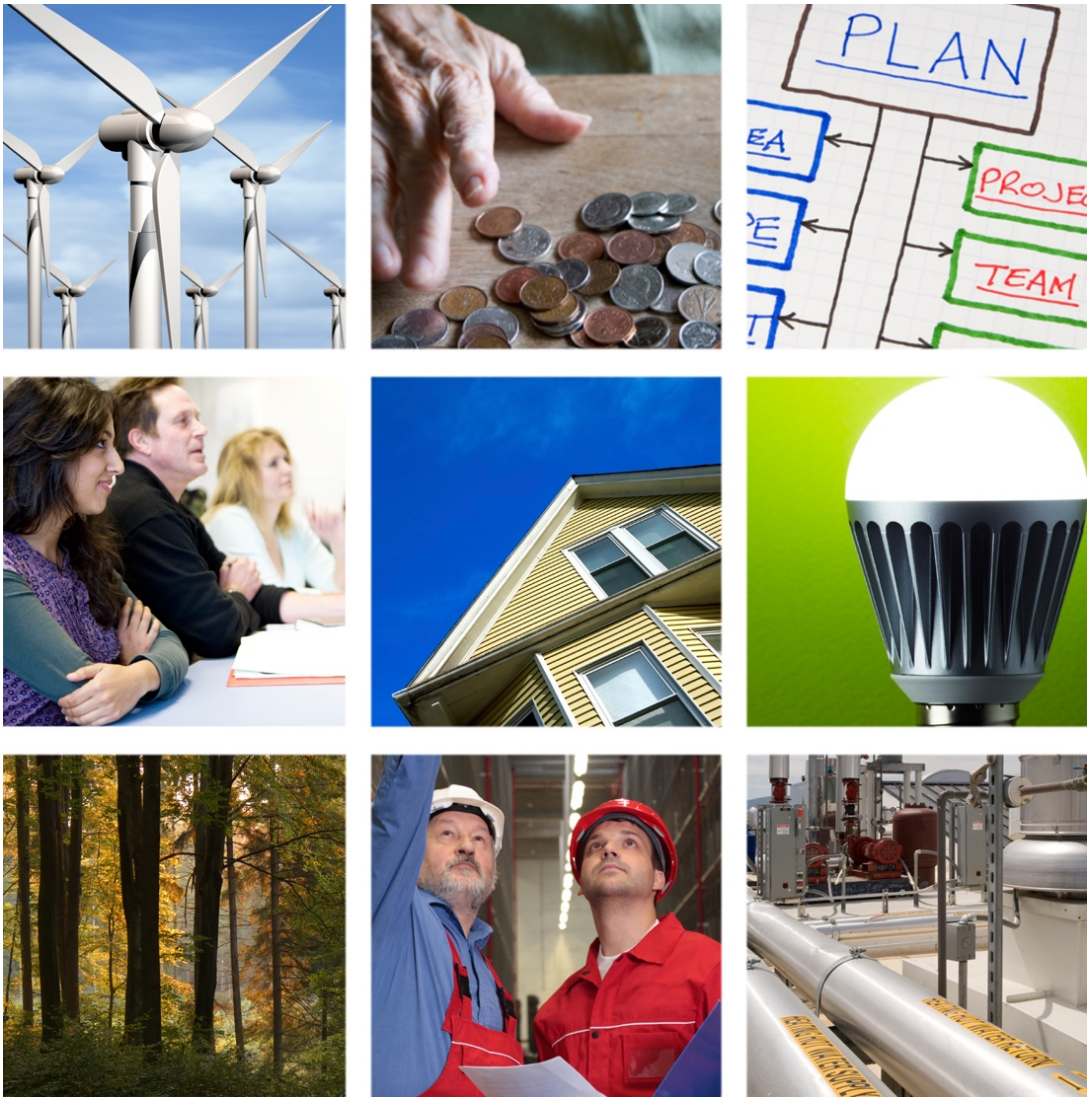
Appendix A	LRAMVA Disposition
Appendix A - 1	LRAM Work Form
Appendix B	2020 Approved Current Tariff of Rates and Charges
Appendix C	2021 Proposed Tariff of Rates and Charges
Appendix D	Customer Bill Impacts
Appendix E	IRM Rate Generator Model
Appendix F	GA Analysis Work Form
Appendix G	1595 Work Form
Appendix H	Rate Year Alignment
Appendix I	Renewable Generation Connection Rate Protection
Appendix J	1588/1589 Accounting Guidance Supplemental Evidence
Appendix K	Certificate of Evidence
Appendix L	Check List

APPENDIX A:

LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT (LRAMVA) DISPOSITION

Strategic Solutions for a Changing World™

Elexicon Energy 2018 LRAMVA
Veridian rate zone



Elexicon Energy Lost revenue related to Conservation and Demand Management

2018

This document was prepared for Elexicon Energy by IndEco Strategic Consulting Inc.

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IndEco report C0183

13 August 2020

Table of Contents

Introduction

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

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

On April 1, 2019, Veridian Connections and Whitby Hydro Energy Corporation merged to form Elexicon Energy. The rate zones of the two utilities, hereinafter referred to as Elexicon-Veridian (for the original Veridian service area), and Elexicon-Whitby (for what was the service area of Whitby Hydro), have different rate structures and therefore LRAMVA is calculated separately for each rate class and for each rate zone.

The former Veridian Connections and Whitby Hydro contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator – IESO) to offer a suite of CDM programs to customers for the 2011-2014 period and subsequently with the IESO for the 2015-2020 period.

This document addresses the LRAMVA for Elexicon-Veridian in 2018. LRAM or LRAMVA for Elexicon-Veridian has already been claimed for results through 2017, but not for 2018 or later years.

Elexicon is required to use "the most recent input assumptions available at the time of program evaluation."[2] The final 2014 annual verified results report available from the IESO includes final results and adjustments for 2012 and 2013, and results for 2014.

The final 2017 annual verified results report is the most recent final CDM evaluation report available from the IESO and includes final results for 2015-2017 and adjustments for 2015 and 2016 programs. The IESO provided separate reports for Elexicon-Veridian.

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[1] *Guidelines for Electricity Distributor Conservation and Demand Management*. Ontario Energy Board. April 26, 2012 (EB-2012-0003).

[2] *Filing Requirements for Electricity Distribution Rate Applications - 2020 Edition for 2021 Rate Applications - Chapter 3 – Incentive Rate-Setting Applications*, Ontario Energy Board. May 14, 2020.

Normally, the IESO releases adjustments to previous year values with each annual report. Due to direction from the Province, IESO announced that it would not be providing an annual verified report for 2018. On May 14, 2020, the OEB released an updated *Filing Requirements for Electricity Distribution Rate Applications – 2020 Edition for 2021 Rate Applications* which instructs LDCs to base savings subsequent to the 2017 final verified report on the IESO Participation and Cost (P&C) Reports. The final P&C report for Elexicon was issued in April 2019. This is used to determine the 2018 savings and additional true-ups for earlier years.

Gross savings by project for the P&C report were captured in the Monthly CDM reports filed with the IESO by Elexicon. These were converted to net values using the most recent verified net-to-gross (NTG) and Realization Rate (RR) factors for Elexicon which are included in the 2017 final results report.

Veridian submitted claims for lost revenues from CDM programs and persistence through 2017 in the Veridian rate zone in its 2019 IRM (EB-2018-0072). Veridian did a Cost of Service (COS) application in 2014 (EB-2013-0174).

Elexicon wishes to claim lost revenue from CDM results and persistence in 2018 in Elexicon's 2021 rate case (EB-2020-0013).

This report determines the variance account balance for the following revenue losses:

- Lost revenues in 2018 related to programs offered by Veridian in 2012,
- Lost revenues in 2018 related to programs offered by Veridian in 2013,
- Lost revenues in 2018 related to programs offered by Veridian in 2014,
- Lost revenues in 2018 related to programs offered by Veridian in 2015,
- Lost revenues in 2018 related to programs offered by Veridian in 2016,
- Lost revenues in 2018 related to programs offered by Veridian in 2017, and
- Lost revenues in 2018 related to programs offered by Veridian in 2018.

Carrying charges are calculated until December 31, 2020.

Methodology

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

LR = (CDM results – CDM results in the load forecast) * rate

In practice, it is somewhat more complicated than that because of the limitations of the information available to calculate CDM results, the use of different volumetric units for billing in different rate classes and the need to determine carrying charges on the lost revenues.

CDM RESULTS

The IESO performs evaluations of all of its programs, which examine gross energy savings from the programs, and the net-to-gross ratio (NTG). From those, it calculates net energy savings by program within program groups (residential, business, industrial and low-income). Peak load reductions are also calculated and reported in the same way. For some programs, notably non-residential programs, the IESO calculates gross and net energy at the project level.

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

The IESO reports energy savings and peak demand reductions by program in the reporting year, adjustments to the previous reporting year based on updated validation, and contribution to total savings or reductions to the end of the 2011 to 2014 period and the 2015 to 2020 period.

With the cessation of annual reporting in March 2019, the best available data on savings realized since the release of the 2017 Final Verified Savings Report are from the IESO April 2019 Participation and Cost Report, and the monthly reports filed by Veridian that fed into that report.

The savings and demand reductions for a particular year for most energy conservation measures persist into following years.[3] The 2017 reports from the IESO include persistence for 2015, 2016 and 2017 programs. Supplementary data provided by the IESO includes persistence of 2012, 2013 and 2014 programs. For adjustments to programs offered in 2015, 2016 and 2017, the P&C provides net energy persistence in 2020. Intermediary years were estimated using linear interpolation.

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

[3] The savings and demand reductions for demand response programs do not persist beyond the year in which those particular savings and demand reductions occur.

However, these data have some limitations, and require some adjustments for use in lost revenue calculations.

Determining net demand savings for data subsequent to the 2017 final results

Only gross demand savings are available for projects completed subsequent to the 2017 final results report. These gross values were converted to net values using the net-to-gross values and realization rates in the 2017 final verified results report for Veridian.

Allocating results to rate classes

The IESO reports results by 'program'. These programs only partially map onto rate classes. For initiatives that apply to more than one rate class, we estimated the split by rate class, drawing on project-specific information. Rate classes were specified for each project, and then the total share of energy savings and demand savings were calculated for each program. Programs billed by kWh used the share of total energy savings; programs billed by kW used the share of total demand savings.

Application of reported results

The IESO reports both energy savings and reductions in demand. Depending on the rate class, distribution revenue is based on either kilowatt-hours used, or the customer's monthly peak kilowatt use. For rate classes where the customer is charged for distribution by energy use (kWh), the IESO reported energy savings are used to calculate lost revenues related to CDM results. For customer classes where the LDC charges for distribution are based on the customer's peak monthly demand (kW), the IESO reported demand reductions are used to calculate lost revenues related to CDM results.[4] The demand reductions in the IESO reports are multiplied the number of months a specific program impacts a customer's peak demand. "The IESO indicated that the demand savings from energy efficiency programs shown in the Final CDM Results should generally be multiplied by twelve (12) months to represent the demand savings the distributor has experienced over the entire year."[5]

No lost revenues are claimed for demand response programs, consistent with OEB policy.[6]

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[4] The exception is street lighting retrofit projects. Street lighting is billed by kW, but street lighting retrofit projects have no peak demand reductions associated with conservation measures. A special calculation is done for these, as described below.

[5] Ontario Energy Board, *Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs*, EB-2016-0182, May 19, 2016, p. 4.

[6] Ibid. p. 7.

Load reductions accounted for in the load forecast

In recent years, LDCs have accounted for estimated load losses due to CDM programs in their load forecasts, submitted as part of their Cost of Service applications. These forecasted reductions need to be deducted from load losses attributable to CDM programs to determine the final impact of CDM on revenues. That is, the impact is the *variance* between the results accounted for in the load forecast and the results attributable to the programs.

Overall impact of CDM on load, by rate class

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

DISTRIBUTION RATES

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

In 2018, distribution rates for Elexicon-Veridian, were the 2017 rates for January to April, and the 2018 rates for the rest of the year. To compare with the calendar year CDM results, an average calendar year rate was calculated.

CARRYING CHARGES

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

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

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

Results

Following the methodology described above, lost revenues were calculated for Elexicon-Veridian. The discussion of results makes reference to tables provided in the completed LRAMVA work form that uses the OEB's template.

CDM RESULTS

IESO evaluation results

The most recent and appropriate final CDM evaluation reports from the IESO were used in support of the lost revenue calculations for all savings through 2017 except the 2015. 2016 and 2017 adjustments that came later as 'unverified' results in the P&C. The most recent IESO Participation and Cost report was used to determine savings for those adjustments.

The IESO provided Elexicon with persistence data for savings at the program level.[7] The data provided are presented in Tables 4b, 4c and 4d on Tab 4, and Tables 5a to 5c on Tab 5 of the LRAMVA work form.

Results for 2018 consist of 2018 net energy results from the P&C report, and gross results for projects in the monthly filings, adjusted to net values as described above.

Street lighting projects

As described in Elexicon's previous LRAMVA disposition application, in 2014, 2016 and 2017, municipalities in the Elexicon Veridian rate zone undertook projects under the Retrofit Program to retrofit street lights to a more energy efficient light emitting diode (LED) technology. An additional 2017 project documentation was completed subsequent to the 2017 final report being published. These projects persisted into 2018.

The IESO has provided the calculated kilowatt hours (kWh) of energy savings from Elexicon's 2014, 2016 and 2017 street lighting project results. For the 2014 and the late 2017 projects, these project specific values are available as gross savings and the "net to gross" (NTG) ratio for Elexicon's Retrofit program was used to calculate the net savings. In 2015 - 2017, IESO provided both gross and net savings.

Street lighting accounts are billed based on kilowatts (kW) of demand. Elexicon reduced the kilowatts of demand it billed municipalities for street lighting between April 2014 and January 2018 as the projects were implemented. Details are shown on Tab 8 of the LRAMVA work form. The kW reductions are calculated based on associated bills that

[7] For 2018 results, and adjustments made to 2015, 2016 and 2017 results in 2018, IESO only provided persistence in 2020. Persistence in intervening years was estimated by linear interpolation.

were adjusted by these amounts. A net-to-gross adjustment is applied to the bill reductions reported. The calculated net demand reduction of the street light retrofit projects is shown on Tab 8 of the LRAMVA work form.

The street lighting upgrade projects were undertaken as part of the Retrofit program, and energy savings were reported within results for that program. Because street lighting is not used during peak periods, IESO does not report peak demand savings from street lighting projects. As the street lighting rate class is billed by kW, the calculated net kWh savings from the Retrofit LED upgrade projects do not impact Elexicon's revenue. Thus, the Retrofit results are reported separately for street lighting and other projects on the work form. Demand reductions for these projects is from the calculations on Tab 8 of the workform.

There is persistence in 2018 from the 2014 to 2017 street lighting projects as follows:

Municipality	Year	Persisting savings (kW)
Port Hope	2014	87.47
Gravenhurst	2014	42.59
Ajax	2014	See note
Cannington	2016	See note
Pickering	2017	570.69
Ajax	2017	106.88
Belleville	2017 true-up	270.67
Total		**1,078.29**

Note: The Ajax 2014 and Cannington projects were small; no lost revenue is being claimed

As requested by the Ontario Energy Board, Tab 8 of the work form also shows the quantities and wattage of bulbs that were changed by service territory for all projects.

Elexicon confirms that the street light upgrades reported represent incremental savings attributable to participation in the IESO program. Elexicon did not include any savings not attributable to the IESO program.

The savings associated with street lighting projects under the Retrofit program are shown separately in the work form.

Elexicon has received reports from participating municipalities that validate the number and type of bulbs replaced or retrofitted through the IESO program.

Allocating results to rate classes

Non-residential programs may be taken up by customers in more than one rate class. For these, allocation was done by considering the rate class of each project within the program.

Elexicon bills customers in different rate classes using different volumetric units, either kilowatt-hours (kWh), or customer peak monthly kilowatts (kW). The rate classes and billing units for the Veridian rate zone in 2018 were:

- Residential billed by kWh
- GS<50 kW billed by kWh
- GS 50 to 2,999 kW billed by kW
- GS 3,000 to 4,999 kW billed by kW
- Large Use billed by kW
- Unmetered Scattered Load billed by kWh
- Sentinel Lighting billed by kW
- Street Lighting billed by kW

Tables 4b, 4c, 4d, 5a, 5b, 5c and 5d of the LRAMVA work form show the percentage allocation by rate class for each program. The rate class allocation percentage totals for each program may not add up to 100% where there were projects in multiple rate classes that use different volumetric units for billing. In those cases, individual projects were reviewed and the share of total kWh for projects was calculated for rate classes billed by kWh, and the share of total kW for projects was calculated for rate classes billed by kW.

Load reductions accounted for in the load forecast

The most recent cost of service application was filed for the 2014 rate year for the former Veridian (EB-2013-0174). The load forecasts associated with the application implicitly accounted for load losses for 2011 through the use of actual load data in the analysis. Load losses from programs not implicitly accounted for in the load forecast were included through a manual adjustment to the load forecast. Table 2b of the LRAMVA work form shows the estimates of load reductions, by rate class that were included at the time of the load forecasts based on estimated reductions from programs in 2012-2014.

Overall impact of CDM on load, by rate class

Multiplying the adjusted energy savings or demand reduction reported for Elexicon for each program by the allocation by rate class provides the impact on load of that CDM program within the appropriate rate class. The sum of the energy savings and demand reductions for all of the programs for each rate class provides the overall impact of CDM on load by rate class. The overall load impact for each calendar year includes the results for the CDM programs and any adjustments to the results in that year.

The bottom of Table 5d of the LRAMVA work form shows the overall impact of CDM on load by rate class for 2018, including persistence

from programs in previous years that have not already been captured in the load forecasts.

DISTRIBUTION RATES

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for the Elexicon Veridian rate zone are shown in Table 3 on Tab 3 of the LRAMVA work form. The rates used in the LRAMVA calculation for 2018 are a blend of the 2017 rates for January to April, and the 2018 rates for May to December. Table 3a of the LRAMVA work form shows the rates used for calculating the 2018 LRAMVA.

LOST REVENUES

The lost revenues for 2018 by rate class for Elexicon Veridian calculated from CDM program results are shown in Table 1 of the LRAMVA work form. The lost revenue is based on the load impact for each rate class multiplied by the rate for that rate class. The load impact includes the impact of CDM programs in 2018 and the persistence of the CDM program impact from 2012-2017 in 2018 for Elexicon-Veridian.

Table 1 of the LRAMVA work form also shows the lost revenue due to CDM that has already been incorporated into Elexicon's load forecast. The impact on Elexicon's revenue is the variance between what is calculated from final CDM program results and what has already been accounted for in the load forecast.

CARRYING CHARGES

The monthly carrying charges by rate class on Elexicon's lost revenue variance are shown in Table 6-a of the LRAMVA work form. The carrying charges are reported monthly, from the time the lost revenues resulted, through December 31, 2020.

Carrying charges are calculated using the rates specified by the Ontario Energy Board through the third quarter of 2020. Rates for Q4 of 2020 are assumed to be the same as those for Q3 of 2020.

Conclusions

The LRAMVA balance at the end of December 2018, with carrying charges to December 31, 2020 for Elexicon-Veridian is $779,427. This includes carrying charges on the principal LRAMVA balance of $15,719.

These balances are attributable to individual rate classes according to the following table:

Customer class	Principal ($)	Carrying charges ($)	Total LRAMVA claim ($)
Residential	227,463.93	10,324.49	237,788.43
GS<50 kW	105,721.14	4,798.64	110,519.78
GS 50 to 2,999 kW	288,602.20	13,099.53	301,701.74
GS 3,000 to 4,999 kW	15,483.56	702.79	16,186.35
Large Use	80,855.58	3,670.00	84,525.59
Unmetered Scattered Load	169.04	7.67	176.71
Sentinel Lighting	-	-	-
Street Lighting	27,289.86	1,238.68	28,528.53
Total	**745,585.32**	**33,841.81**	**779,427.13**

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APPENDIX A-1:

LOST REVENUE ADJUSTMENT MECHANISM 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).

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

Ontario Energy Board

LRAMVA Work Form: Instructions

Version 5.0 (2021)

Tab	Instructions
LRAMVA Checklist/Schematic Tab	The LRAMVA work form was created in a generic manner for use by all LDCs. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below: o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved. o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable. o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tab 3-a. Rate Class Allocations	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
Tabs 4 and 5 (2011-2020)	Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following: o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO. o Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used. o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change. o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
Tab 7. Persistence Report	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).

Ontario Energy Board

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
Yes	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
Yes	o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
Yes	o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
Yes	o Apply the IESO verified savings adjustments to the year it relates to.
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 BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA ($) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges ($) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA ($) by Rate Class	Tab "1. LRAMVA Summary"			

Ontario Energy Board

LRAMVA Work Form: Summary Tab

Version 5.0

Legend	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)
LDC Name	Elexicon - Veridian RZ

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-2018-0072
Application of Previous LRAMVA Claim	2019 IRM Application
Period of LRAMVA Claimed in Previous Application	2016-2017
Amount of LRAMVA Claimed in Previous Application	$ 1,244,756.13

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2020-0013
Application of Current LRAMVA Claim	2021 Price Cap IR Application
Period of New LRAMVA in this Application	2018
Period of Rate Recovery (# years)	1

C. Documentation of Changes

Original Amount
Amount for Final Disposition

Actual Lost Revenues ($)	A	**$ 989,088**
Forecast Lost Revenues ($)	B	**$ 243,503**
Carrying Charges ($)	C	**$ 33,842**
LRAMVA ($) for Account 1568	A-B+C	**$ 779,427**

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	$227,464	$10,324	$237,788
GS<50 kW	kWh	$105,721	$4,799	$110,520
GS 50 to 2,999 kW	kW	$288,602	$13,100	$301,702
GS 3,000 to 4,999 kW	kW	$15,484	$703	$16,186
Large Use	kW	$80,856	$3,670	$84,526
Unmetered Scattered Load	kWh	$169	$8	$177
Sentinel Lighting	kW	$0	$0	$0
Street Lighting	kW	$27,290	$1,239	$28,529
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
Total		**$745,585**	**$33,842**	**$779,427**

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

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

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

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

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
		kWh	kWh	kW	kW	kW	kWh	kW	kW	
2011 Actuals	☑	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2011 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared										
2012 Actuals	☑	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2012 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared										
2013 Actuals	☑	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2013 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared										
2014 Actuals	☑	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2014 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared										
2015 Actuals	☑	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2015 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared										
2016 Actuals	☑	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2016 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared										
2017 Actuals	☑	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2017 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared										
2018 Actuals	☐	$276,352.47	$234,303.43	$353,173.63	$15,598.22	$82,201.22	$169.04	$0.00	$27,289.86	$989,087.87
2018 Forecast		($48,888.54)	($128,582.29)	($64,571.42)	($114.66)	($1,345.64)	$0.00	$0.00	$0.00	($243,502.55)
Amount Cleared										
2019 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2019 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared										
Carrying Charges		$10,324.49	$4,798.64	$13,099.53	$702.79	$3,670.00	$7.67	$0.00	$1,238.68	$33,841.81
Total LRAMVA Balance		**$237,788**	**$110,520**	**$301,702**	**$16,186**	**$84,526**	**$177**	**$0**	**$28,529**	**$779,427**

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

Ontario Energy Board

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	3. Distribution Rates	Row 30	2017 rates removed	2017 not part of this application; already claimed
2	4. 2011-2014 LRAM	D436:M436	Energy for street lighting projects removed from Retrofit results	Street lighting projects are analyzed separately (see Tab 8)
3	4. 2011-2014 LRAM	D439:X439	Street lighting data from Tab 8	Brings back in street lighting data from Tab 8
4	5. 2015-2020 LRAM	Rows 58:59, 123:124, 294:295,308:309	Where IESO provided adjustments in more than one year these are shown separately	Facilitates comparison with IESO reports
5	5. 2015-2020 LRAM	Y304:AD309, Y317:AD318, Y317:AA318,Y493:AD501,Y521:AD522	Based on project specific information, separate allocations are calculated for Final results and true-ups. Also, energy and demand allocated according to the billing unit of the rate class so totals may not sum to 100%	Used available information. Lost revenue in each class is a function of the reduction by that class's billing unit and energy and demand allocations are not equal.
6	5. 2015-2020 LRAM	D307:M397,D500:M501	Energy for street lighting projects removed from Retrofit results	Street lighting projects are analyzed separately (see Tab 8)
7	5. 2015-2020 LRAM	Rows 311:312, 503:504	Street lighting data from Tab 8	Brings back in street lighting data from Tab 8
8	6. Carrying Charges	C54:C56, H165:H168	Assuming interest rates in Oct 2020 - Apr 2021 are the same as Q3 2020	Interest rates not available beyond Q3 2020
9	8. Streetlighting	Entire tab	Engineering and billing data on street lighting projects	Separate analysis required as IESO doesn't estimate [off-peak] reductions in demand for SL
10				
etc.				

Ontario Energy Board

LRAMVA Work Form: Forecast Lost Revenues

Legend

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

Table 2-a. LRAMVA Threshold — **2010**

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 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting
		kWh	kWh	kW	kW	kW	kWh	kW	kW
kWh	0								
kW	0								
Summary		0	0	0	0	0	0	0	0

Years Included in Threshold: No adjustments were made to the load forecast for CDM

Source of Threshold:

Table 2-b. LRAMVA Threshold — **2014**

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 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting
		kWh	kWh	kW	kW	kW	kWh	kW	kW
kWh	44,457,315	8,730,097	7,519,432	27,470,967	88,530	648,290			
kW	19,771			19,267	54	450			
Summary		8,730,097	7,519,432	19267	54	450	0	0	0

Years Included in Threshold: 2012-2014

Source of Threshold: 2014 Settlement Agreement, p. 38 of 54 as part of the final decision

Table 2-c. Inputs for LRAMVA Thresholds

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

Year	LRAMVA Threshold	Residential	GS<50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting
		kWh	kWh	kW	kW	kW	kWh	kW	kW
2011		0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0
2014	2014	8,730,097	7,519,432	19,267	54	450	0	0	0
2015	2014	8,730,097	7,519,432	19,267	54	450	0	0	0
2016	2014	8,730,097	7,519,432	19,267	54	450	0	0	0
2017	2014	8,730,097	7,519,432	19,267	54	450	0	0	0
2018	2014	8,730,097	7,519,432	19,267	54	450	0	0	0
2019		0	0	0	0	0	0	0	0

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

Ontario Energy Board

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-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-XXXX	EB-2016-0107	EB-2017-0078	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)									*4*	*4*			
Period 2 (# months)		*12*	*12*	*12*	*12*	*12*	*12*	*12*	*8*	*8*	*12*	*12*	*12*
Residential	kWh								$ 0.0083	$ 0.0042			
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 0.0083	$ 0.0042	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 0.0055**	**$ 0.0056**	**$ -**	**$ -**	
GS<50 kW	kWh								$ 0.0170	$ 0.0172			
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 0.0170	$ 0.0172	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 0.0113**	**$ 0.0171**	**$ -**	**$ -**	
GS 50 to 2,999 kW	kW								$ 3.3314	$ 3.3614			
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3.3314	$ 3.3614	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2.2209**	**$ 3.3514**	**$ -**	**$ -**	
GS 3,000 to 4,999 kW	kW								$ 2.1106	$ 2.1296			
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2.1106	$ 2.1296	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1.4071**	**$ 2.1233**	**$ -**	**$ -**	
Large Use	kW								$ 2.9724	$ 2.9992			
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2.9724	$ 2.9992	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1.9816**	**$ 2.9903**	**$ -**	**$ -**	
Unmetered Scattered Load	kWh								$ 0.0169	$ 0.0171			
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 0.0169	$ 0.0171	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 0.0113**	**$ 0.0170**	**$ -**	**$ -**	
Sentinel Lighting	kW								$ 13.7229	$ 13.8464			
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 13.7229	$ 13.8464	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 9.1486**	**$ 13.8052**	**$ -**	**$ -**	
Street Lighting	kW								$ 3.7524	$ 3.7862			
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3.7524	$ 3.7862	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2.5016**	**$ 3.7749**	**$ -**	**$ -**	

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

Table 3-a. Distribution Rates by Rate Class

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

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

Year	Residential	GS<50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting						
	kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0
2011														
2012														
2013														
2014														
2015														
2016														
2017														
2018	$0.0056	$0.0171	$3.3514	$2.1233	$2.9903	$0.0170	$13.8052	$3.7749	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2019														

Only 2018 lost revenues are being claimed as part of this application, rates for all other years have been removed

Ontario Energy Board

LRAMVA Work Form:
Determination of Rate Class Allocations

Version 5.0 (2021)

Instructions

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

For CDM programs that span more than one database, Elexicon analysed project specific data. Where IESO project specific net values were available, these were used. In other cases, gross values from Elexicon's CDM database were used
Rate classes were identified for the customer of each project.
The percentage of total energy use of projects in each rate class relative to the total energy use of all projects was calculated for all rate classes that bill by kWh (Residential and GS<50)
The percentages of total demand reduction of projects in each rate class relative to the total demand reduction of all projects was calculated for all rate classes that bill by kW (GS>50)
Street lighting projects were excluded from the analysis as these projects are dealt with separately on Tab 8

Ontario Energy Board

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 suported 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-b. 2012 Lost Revenues Work Form Return to top

	Program	Results Status	Net Energy Savings Persistence (kWh)										Monthly Multiplier	Net 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 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
	Consumer Program																							kWh	kWh	kW	kW	kW	kWh	kW	kW	
1	Appliance Retirement	Verified	177,850	177,850	177,850	176,005	106,719							27	27	27	25	14						100.00%								100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	20,973	20,973	20,973	20,776								12	12	12	12							100.00%								100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	934,124	934,124	934,124	934,124	934,124	934,124	934,124	934,124	934,124	934,124		542	542	542	542	542	542	542	542	542	542	100.00%								100%
	Adjustment to 2012 savings	True-up	30,567	30,567	30,567	30,567	30,567	30,567	30,567	30,567	30,567	30,567		16	16	16	16	16	16	16	16	16	16	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	32,893	32,893	32,893	32,893	32,399	32,399	15,256	15,172	15,172	15,172		5	5	5	5	5	5	5	5	5	5	100.00%								100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	630,039	630,039	630,039	630,039	566,365	460,536	314,133	313,480	313,480	159,224		35	35	35	35	32	27	20	20	20	13	100.00%								100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																						100.00%								100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	14,113											1,631										100.00%								100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified																						100.00%								100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified																						100.00%								100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																															
10	Retrofit	Verified	6,472,559	6,472,559	6,471,804	6,400,285	6,400,285	6,084,239	5,953,906	5,953,906	5,574,342	3,880,048	12	1,213	1,213	1,213	1,191	1,191	1,095	1,076	1,076	971	717		10%	88%	0.25%	2.06%				100%
	Adjustment to 2012 savings	True-up	1,328,566	1,328,566	1,318,483	1,266,017	1,266,017	1,219,294	1,203,757	1,203,757	1,165,134	1,064,135	12	228	228	225	208	208	195	194	194	189	179	0.00%	9.70%	87.96%	0.25%	2.06%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	606,683	606,683	590,080	440,242	440,242	108,906	108,906	106,144	106,144	106,144	12	159	159	155	121	121	29	29	26	26	26		100%							100%
	Adjustment to 2012 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																			0%
	Adjustment to 2012 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12													100.00%						100%
	Adjustment to 2012 savings	True-up	18,568	18,568	18,568	18,568	5,051	5,051	5,051	5,051	5,051	5,051	12	4	4	4	4	2	2	2	2	2	2	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified	327,291	327,291	327,291	327,291	0	0	0	0	0	0	12	67	67	67	67	0	0	0	0	0	0		100.00%							100%
	Adjustment to 2012 savings	True-up	63,163	63,163	63,163	63,163	0	0	0	0	0	0	12	13	13	13	13	0	0	0	0	0	0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	295	0	0	0	0	0	0	0	0	0		52											100.00%							100%
	Adjustment to 2012 savings	True-up																						0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																														0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	17,294											718											100.00%							100%
	Adjustment to 2012 savings	True-up																						0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																															
18	Process & System Upgrades	Verified											12																			0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																			0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified											12																			0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																			0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	1,581											109																		0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																															
23	Home Assistance Program	Verified	5,139	5,139	5,139	5,095	5,095	5,095	4,717	4,717	1,983	1,983		0	0	0	0	0	0	0	0	0	0	100%								100%
	Adjustment to 2012 savings	True-up	658	658	658	658	658	566	521	475	475	475		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																															
24	Home Assistance Program	Verified																														0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

	Pre-2011 Programs completed in 2011																															
26	Electricity Retrofit Incentive Program	Verified											12																			0%
	Adjustment to 2012 savings	True-up											12													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	2,575	2,575	2,575	2,575	2,575	2,575	2,575	2,575	2,575	2,575	12	3	3	3	3	3	3	3	3	3	3				100.00%						100%
	Adjustment to 2012 savings	True-up											12													0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																															
31	Program Enabled Savings	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2012		**10,684,933**											**4,834**												**1,846,356**	**1,771,106**	**15,296**	**43**	**356**	**0**	**0**	**0**	
	Forecast CDM Savings in 2012																									**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2012																									$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2012 from 2011 programs																									$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2012 from 2012 programs																									$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2012																									**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2012																									**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2012																																	**$0.00**
	2012 Savings Persisting in 2013																									1,832,243	1,753,517	15,296	43	356	0	0	0	
	2012 Savings Persisting in 2014																									1,832,243	1,735,863	15,264	43	356	0	0	0	
	2012 Savings Persisting in 2015																									1,830,157	1,574,003	14,854	42	346	0	0	0	
	2012 Savings Persisting in 2016																									1,675,927	1,183,548	14,820	42	346	0	0	0	
	2012 Savings Persisting in 2017																									1,463,287	817,039	13,665	38	319	0	0	0	
	2012 Savings Persisting in 2018																									1,299,318	802,896	13,449	38	314	0	0	0	
	2012 Savings Persisting in 2019																									1,298,535	800,135	13,449	38	314	0	0	0	
	2012 Savings Persisting in 2020																									1,295,801	759,588	12,293	34	287	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-c. 2013 Lost Revenues Work Form

Return to top

	Program	Results Status	Net Energy Persistence	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Persistence	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 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
	Consumer Program																							kWh	kWh	kW	kW	kW	kW	kW	kW	
1	Appliance Retirement	Verified	110,848	110,848	110,848	109,720	65,732	0	0	0	0	0		18	18	18	17	10	0	0	0	0	0	100.00%								100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	53,938	53,938	53,938	53,938	0	0	0	0	0	0		30	30	30	30	0	0	0	0	0	0	100.00%								100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	899,719	899,719	899,719	899,719	899,719	899,719	899,719	899,719	899,719	899,719		520	520	520	520	520	520	520	520	520	520	100.00%								100%
	Adjustment to 2013 savings	True-up	44,517	44,517	44,517	44,517	44,517	44,517	44,517	44,517	44,517	44,517		25	25	25	25	25	25	25	25	25	25	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	181,321	181,321	174,333	147,696	147,696	147,696	147,696	147,573	107,311	107,311		12	12	12	10	10	10	10	10	8	8	100.00%								100%
	Adjustment to 2013 savings	True-up	555	555	528	456	456	456	456	456	383	383		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	404,156	404,156	379,805	296,700	296,700	296,700	296,700	296,350	249,213	249,213		28	28	26	21	21	21	21	21	18	18	100.00%								100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																														0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	9,431	0	0	0	0	0	0	0	0	0		3,263	0	0	0	0	0	0	0	0	0	100.00%								100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%								100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified																						100.00%								100%
	Adjustment to 2013 savings	True-up	3,461	3,461	3,461	3,461	3,461	3,461	3,461	3,461	3,461	3,461		1	1	1	1	1	1	1	1	1	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																															
10	Retrofit	Verified	4,822,005	4,809,872	4,779,518	4,779,518	4,672,476	4,507,984	4,507,984	4,495,421	4,430,465	3,880,155	12	878	874	865	865	830	789	789	789	770	680	0.03%	19%	71%	3%	8.19%				102%
	Adjustment to 2013 savings	True-up	1,669,937	1,664,523	1,664,523	1,664,523	1,636,275	1,630,945	1,630,945	1,608,315	1,568,280	1,529,427	12	241	240	240	240	232	231	231	227	217	212	0.03%	19.50%	71.33%	2.71%	8.19%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	628,826	628,826	610,461	488,332	242,401	242,194	242,194	242,194	242,194	242,194	12	181	181	176	144	65	65	65	65	65	65		97%	3.24%						100%
	Adjustment to 2013 savings	True-up											12											0.00%	96.52%	3.24%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																			0%
	Adjustment to 2013 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12												100.00%							100%
	Adjustment to 2013 savings	True-up	72,322	72,322	72,322	72,322	72,322	72,322	72,322	72,322	70,590	70,590	12	18	18	18	18	18	18	18	18	17	17	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified	96,902	96,902	96,902	96,902	0	0	0	0	0	0	12	18	18	18	18	0	0	0	0	0	0			100%						100%
	Adjustment to 2013 savings	True-up	64	64	64	64	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	86	0	0	0	0	0	0	0	0	0		54	0	0	0	0	0	0	0	0	0		100.00%							100%
	Adjustment to 2013 savings	True-up																						0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0									0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	1,473	0	0	0	0	0	0	0	0	0		110	0	0	0	0	0	0	0	0	0									0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																															
18	Process & System Upgrades	Verified											12																			0%
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12													100.00%						100%
	Adjustment to 2013 savings	True-up											12	25	40	19	19	24	24	19	19	19	19	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified	129,084	42,414	42,414	42,414	3,534	0	0	0	0	0	12	21	6	6	6	1	0	0	0	0	0			39.14%		61%				100%
	Adjustment to 2013 savings	True-up	460,827	547,497	111,897	101,429	140,309	143,842	99,742	99,742	99,742	99,742	12											0.00%	0.00%	39.14%	0.00%	60.86%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																			0%
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	22,699	0	0	0	0	0	0	0	0	0		997	0	0	0	0	0	0	0	0	0									0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																															
23	Home Assistance Program	Verified	326,588	323,490	322,537	294,123	280,244	267,248	254,981	254,353	129,380	128,787		30	30	30	28	28	27	26	26	20	19	100%								100%
	Adjustment to 2013 savings	True-up	30,603	30,423	30,406	29,342	28,875	28,408	27,778	27,778	23,280	23,094		7	7	7	7	7	7	7	7	7	6	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																															
24	Home Assistance Program	Verified																														0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																			0%
	Adjustment to 2013 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																															
26	Electricity Retrofit Incentive Program	Verified											12																			0%
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

27	High Performance New Construction	Verified											12													100.00%							100%
	Adjustment to 2013 savings	True-up	128,400	128,400	128,400	128,400	128,400	128,400	128,400	128,400	128,400	128,400	12	25	25	25	25	25	25	25	25	25	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified											0																			0%
	Adjustment to 2013 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified											0																			0%
	Adjustment to 2013 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified											0																			0%
	Adjustment to 2013 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																															
31	Program Enabled Savings	Verified											0																			0%
	Adjustment to 2013 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified											0																			0%
	Adjustment to 2013 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified											0																			0%
	Adjustment to 2013 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2013		**10,097,760**											**6,501**									**2,066,813**	**2,073,575**	**10,263**	**365**	**1,256**	**0**	**0**	**0**	
	Forecast CDM Savings in 2013																						**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2013																						$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2013 from 2011 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2013 from 2012 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2013 from 2013 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2013																						**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2013																						**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2013																														**$0.00**
	2013 Savings Persisting in 2014																						2,054,098	2,070,067	10,333	363	1,137	0	0	0	
	2013 Savings Persisting in 2015																						2,021,756	2,046,423	9,991	360	1,127	0	0	0	
	2013 Savings Persisting in 2016																						1,881,335	1,928,537	9,976	360	1,127	0	0	0	
	2013 Savings Persisting in 2017																						1,769,028	1,664,774	9,407	346	1,050	0	0	0	
	2013 Savings Persisting in 2018																						1,689,789	1,631,462	9,056	332	1,003	0	0	0	
	2013 Savings Persisting in 2019																						1,676,893	1,631,462	8,994	332	1,003	0	0	0	
	2013 Savings Persisting in 2020																						1,675,782	1,624,600	8,950	331	998	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

Return to Top

	Program	Results Status	Net Energy Savings	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings	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 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
	Consumer Program																							kWh	kWh	kW	kW	kW	kWh	kW	kW	
1	Appliance Retirement	Verified	118,340	118,340	118,340	117,922	66,633	0	0	0	0	0		17	17	17	17	10	0	0	0	0	0	100%								100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	51,352	51,352	51,352	51,352	0	0	0	0	0	0		29	29	29	29	0	0	0	0	0	0	100%								100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	1,119,474	1,119,474	1,119,474	1,119,474	1,119,474	1,119,474	1,119,474	1,119,474	1,119,474	1,119,474		604	604	604	604	604	604	604	604	604	604	100%								100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	708,045	662,304	640,143	640,143	640,143	640,143	640,143	638,986	638,986	535,759		52	49	48	48	48	48	48	48	48	41	100%								100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	2,891,290	2,508,164	2,308,499	2,308,499	2,308,499	2,308,499	2,308,499	2,307,499	2,307,499	2,146,102		189	165	153	153	153	153	153	153	153	142	100%								100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																														0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	1,065	0	0	0	0	0	0	0	0	0		3,936	0	0	0	0	0	0	0	0	0	100.00%								100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified																														0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified	8,242	8,242	8,242	8,242	8,242	8,242	8,242	8,242	8,242	8,242		2	2	2	2	2	2	2	2	2	2	100.00%								100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																															
10	Retrofit (exc. Street Lights)	Verified	10,467,952	10,460,360	10,460,360	10,261,198	10,261,198	10,261,198	9,775,381	9,775,381	9,208,309	7,058,747	12	1,550	1,548	1,548	1,491	1,491	1,491	1,415	1,415	1,336	1,015	0.11%	10%	86%	0%	2.29%				99%
	Adjustment to 2014 savings	True-up											12											0.11%	10.15%	85.92%	0.08%	2.29%	0.00%	0.00%	0.00%	
	Retrofit (Streetlights)	Verified	539,880	539,880	539,880	539,880	539,880	539,880	539,880	539,880	539,880	539,880	12	58	87	98	130	130	130	130	130	130	130								100.00%	100%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	
11	Direct Install Lighting	Verified	1,512,614	1,462,474	1,323,296	837,493	837,493	837,493	837,493	837,493	837,493	837,493	12	415	403	366	220	220	220	220	220	220	220		89%	10.85%						100%
	Adjustment to 2014 savings	True-up											12											0.00%	89.06%	10.85%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																			0%
	Adjustment to 2014 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified	16,510	16,510	16,510	16,510	16,510	16,510	16,510	16,510	16,510	16,510	12	3	3	3	3	3	3	3	3	3	3		24.23%	58.81%						83%
	Adjustment to 2014 savings	True-up											12											0.00%	24.23%	58.81%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified	587,462	587,462	587,462	587,462	0	0	0	0	0	0	12	120	120	120	120	0	0	0	0	0	0		12.50%	75%		12.50%				100%
	Adjustment to 2014 savings	True-up											12											0.00%	12.50%	75.00%	0.00%	12.50%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		58	0	0	0	0	0	0	0	0	0		100.00%							100%
	Adjustment to 2014 savings	True-up																						0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																														0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	0	0	0	0	0	0	0	0	0	0		66	0	0	0	0	0	0	0	0	0									0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																															
18	Process & System Upgrades	Verified											12																			0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																			0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified	1,829,892	601,256	601,256	601,256	50,093	0	0	0	0	0	12	431	114	114	114	16	0	0	0	0	0			12.75%		87.10%				100%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	12.75%	0.00%	87.10%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																			0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	0	0	0	0	0	0	0	0	0	0		885	0	0	0	0	0	0	0	0	0									0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																															
23	Home Assistance Program	Verified	405,157	403,604	369,261	352,501	336,233	336,233	326,299	326,142	189,727	188,957		40	40	38	37	36	36	36	36	29	28	100%								100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																															
24	Home Assistance Program	Verified																														0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																			0%
	Adjustment to 2014 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

	Pre-2011 Programs completed in 2011																												
26	Electricity Retrofit Incentive Program	Verified										12																	0%
	Adjustment to 2014 savings	True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified										12																	0%
	Adjustment to 2014 savings	True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified										0																	0%
	Adjustment to 2014 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified										0																	0%
	Adjustment to 2014 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified										0																	0%
	Adjustment to 2014 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																												
31	Program Enabled Savings	Verified										0																	0%
	Adjustment to 2014 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	1,197	0	0	0	0	0	0	0	0	0	100.00%							100%
	Adjustment to 2014 savings	True-up										0										100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified										12																	0%
	Adjustment to 2014 savings	True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2014		**20,257,274**										**9,652**									**5,314,032**	**2,487,282**	**18,285**	**15**	**5,107**	**0**	**0**	**700**	
	Forecast CDM Savings in 2014																					**8,730,097**	**7,519,432**	**19,267**	**54**	**450**	**0**	**0**	**0**	
	Distribution Rate in 2014																					$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2014 from 2011 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2014 from 2012 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2014 from 2013 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2014 from 2014 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2014																					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2014																					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2014																													**$0.00**
	2014 Savings Persisting in 2015																					4,882,539	2,441,854	17,762	15	1,799	0	0	1,050	
	2014 Savings Persisting in 2016																					4,626,371	2,317,897	17,714	15	1,799	0	0	1,178	
	2014 Savings Persisting in 2017																					4,608,983	1,865,004	16,936	14	1,783	0	0	1,561	
	2014 Savings Persisting in 2018																					4,490,073	1,791,572	15,704	14	580	0	0	1,561	
	2014 Savings Persisting in 2019																					4,423,440	1,791,572	15,679	14	410	0	0	1,561	
	2014 Savings Persisting in 2020																					4,412,992	1,742,254	14,897	14	389	0	0	1,561	

Street light project savings have been removed from Retrofit results (row 436) as these require a separate analysis (see Tab 8).

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 suported 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 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 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
	Legacy Framework																							kWh	kWh	kW	kW	kW	kWh	kW	kW	
	Residential Program																																
1	Coupon Initiative	Verified	1,183,155	1,172,349	1,172,349	1,172,349	1,172,349	1,172,349	1,172,349	1,172,105	1,172,105	1,172,105		78	77	77	77	77	77	77	77	77	77	100.00%								100%
	Adjustment to 2015 savings	True-up	260,911	257,439	257,439	257,439	257,439	257,439	257,439	257,244	257,244	257,244		19	18	18	18	18	18	18	18	18	18	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified	2,088,014	2,050,905	2,050,905	2,050,905	2,050,905	2,050,905	2,050,905	2,049,831	2,049,831	2,049,831		141	139	139	139	139	139	139	138	138	138	100.00%								100%
	Adjustment to 2015 savings	True-up	21,584	21,331	21,331	21,331	21,331	21,331	21,331	21,277	21,277	21,277		1	1	1	1	1	1	1	1	1	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified	47,892	47,892	47,892	46,639	21,570	0	0	0	0	0		8	8	8	7	3	0	0	0	0	0	100.00%								100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified	1,808,692	1,808,692	1,808,692	1,808,692	1,808,692	1,808,692	1,808,692	1,808,692	1,808,692	1,808,692		946	946	946	946	946	946	946	946	946	946	100.00%								100%
	Adjustment to 2015 savings	True-up	45,841	45,841	45,841	45,841	45,841	45,841	45,841	45,841	45,841	45,841		24	24	24	24	24	24	24	24	24	24	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major	Verified	5,803	5,803	5,803	5,803	5,803	5,803	5,803	5,803	5,803	5,803		2	2	2	2	2	2	2	2	2	2	100.00%								100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																																
6	Energy Audit Initiative	Verified	729,262	729,262	729,262	729,262	0	0	0	0	0	0	12	155	155	155	155	0	0	0	0	0	0		10.00%	90.00%						100%
	Adjustment to 2015 savings	True-up	204,740	204,740	204,740	204,740	934,004	934,004	934,004	934,004	934,004	934,004	12	44	44	44	44	203	203	203	203	203	203	0.00%	10.00%	90.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	7,428,449	7,428,449	7,369,294	7,369,294	7,369,294	7,362,514	7,091,811	7,091,811	7,031,168	6,127,481	12	1,208	1,208	1,189	1,189	1,189	1,187	1,138	1,138	1,135	976	0.69%	12.33%	80.46%	0.48%	3.56%	0.01%			98%
		2016 True-up	181,299	181,299	181,299	181,299	181,299	181,299	179,161	179,161	179,161	170,103	12	29	29	29	29	29	29	29	29	29	27	0.69%	12.33%	80.46%	0.48%	3.56%	0.01%	0.00%	0.00%	
	Adjustment to 2015 savings	2017 True-up	678,545	678,545	737,700	747,843	747,843	747,843	1,020,684	1,020,684	1,064,753	906,043	12	92	92	111	114	114	114	163	163	161	132	0.69%	12.33%	80.46%	0.48%	3.56%	0.01%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified	1,859,906	1,733,938	1,271,582	1,270,098	1,270,098	1,270,098	1,270,098	1,270,098	1,270,098	1,270,098	12	425	397	279	279	279	279	279	279	279	279		100%							100%
	Adjustment to 2015 savings	True-up	-536,953	-410,985	51,371	135,741	135,741	135,741	135,741	135,741	135,741	135,741	12	-128	-101	17	35	35	35	35	35	35	35	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	4,305,014	4,305,014	1,808,414	1,808,414	1,808,414	1,808,414	1,808,414	1,808,414	1,761,613	356,507	12	776	776	354	354	354	354	354	354	349	114		2.91%	0.55%		96.54%				100%
	Adjustment to 2015 savings	True-up											12											0.00%	2.91%	0.55%	0.00%	96.54%	0.00%	0.00%	0.00%	
	Low Income Program																																
14	Low Income Initiative	Verified	291,475	221,881	210,010	198,970	198,901	198,901	190,926	190,926	87,102	86,500	12	23	19	19	18	18	18	18	18	12	12	100%								100%
	Adjustment to 2015 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified	659,315	659,315	654,657	654,657	654,657	654,657	632,190	632,190	632,190	558,960	12	113	113	112	112	112	112	108	108	108	96	0.69%	12%	80%	0.48%	4%	0.01%			98%
	Adjustment to 2015 savings	2016 True-up	1,290,375	1,254,573	1,253,719	1,253,719	1,253,719	1,253,719	1,209,472	1,209,472	1,209,225	1,069,402	12	311	299	299	299	299	299	290	290	290	263	0.69%	12.33%	80.46%	0.48%	3.56%	0.01%	0.00%	0.00%	
	Adjustment to 2015 savings	2017 True-up	60,827	96,630	102,142	104,944	104,944	104,944	171,658	171,658	171,904	146,686	12	8	19	21	22	22	22	34	34	34	30	0.69%	12.33%	80.46%	0.48%	3.56%	0.01%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified											12													100.00%						100%
	Adjustment to 2015 savings	Unverified	88,821	88,636	88,451	88,265	88,080	87,895					12	45	44	44	44	44	44					0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2015		**22,702,967**											**4,320**										**5,824,710**	**2,811,360**	**19,737**	**102**	**9,741**	**1,294**	**0**	**0**	
	Forecast CDM Savings in 2015																							**8,730,097**	**7,519,432**	**19,267**	**54**	**450**	**0**	**0**	**0**	
	Distribution Rate in 2015																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2015 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2015																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2015																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2015																															**$0.00**
	2015 Savings Persisting in 2016																							5,703,476	2,811,360	19,726	102	9,741	1,294	0	0	
	2015 Savings Persisting in 2017																							5,691,605	2,738,611	19,707	102	4,852	1,294	0	0	
	2015 Savings Persisting in 2018																							5,679,401	2,823,093	19,744	102	4,854	1,295	0	0	
	2015 Savings Persisting in 2019																							5,654,263	2,823,093	19,786	102	4,854	1,295	0	0	
	2015 Savings Persisting in 2020																							5,632,646	2,822,257	19,766	102	4,853	1,295	0	0	

All results from IESO 2017 final verified resport for Veridian except results marked 'Unverified' where energy savings in 2015 and 2020 are from the April 2019 Participation & Cost report.

For unverified results, persistence is assumed to be linear between 2015 and 2020. Demand is estimated using HPNC kW/kWh in 2016.

Where IESO reported adjustments in more than one year, these are shown separately to facilitate comparison with IESO

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 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
	Legacy Framework																							kWh	kWh	kW	kW	kW	kWh	kW	kW	
	Conservation Fund Pilots																																
17	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	Verified	2,025	2,025	2,025	2,025	2,025	2,025	2,025	2,025	2,025	2,025	12	0	0	0	0	0	0	0	0	0	0	100.00%								100%
	Adjustment to 2016 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																																
	Residential Province-Wide Programs																																
21	Save on Energy Coupon Program	Verified	8,101,450	8,101,450	8,101,450	8,101,450	8,101,450	8,101,450	8,101,450	8,100,166	8,100,166	8,064,235		526	526	526	526	526	526	526	526	526	524	100.00%								100%
	Adjustment to 2016 savings	True-up	908,505	908,505	908,505	908,505	908,505	908,505	908,505	908,427	908,427	909,601		58	58	58	58	58	58	58	58	58	58	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified	1,999,101	1,999,101	1,999,101	1,999,101	1,999,101	1,999,101	1,999,101	1,999,101	1,999,101	1,999,101		589	589	589	589	589	589	589	589	589	589	100.00%								100%
	Adjustment to 2016 savings	True-up	26,246	26,246	26,246	26,246	26,246	26,246	26,246	26,246	26,246	26,246		8	8	8	8	8	8	8	8	8	8	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Adjustment to 2016 savings in April 2019 P&C	Unverified	2,608	2,608	2,608	2,608	2,608																	100.00%								
24	Save on Energy Home Assistance Program	Verified	21,101	21,101	21,101	21,101	21,101	21,101	21,101	21,101	21,101	17,114		3	3	3	3	3	3	3	3	3	3	100.00%								100%
	Adjustment to 2016 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																																
25	Save on Energy Audit Funding Program	Verified	91,998	91,998	91,998	91,998	91,998	91,998	91,998	91,998	91,998	91,998	12	12	12	12	12	12	12	12	12	12	12		28.57%	57.14%	14.29%	0.00%				100%
	Adjustment to 2016 savings	True-up	26,285	26,285	26,285	26,285	26,285	26,285	26,285	26,285	26,285	26,285	12	3	3	3	3	3	3	3	3	3	3	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified	8,012,422	7,793,782	7,793,782	7,793,782	7,793,782	7,690,287	7,690,287	7,690,287	7,634,053	7,634,053	12	1,061	1,026	1,026	1,026	1,026	1,013	1,013	1,013	1,003	1,003	0.00%	19.96%	52.65%	10.32%	21.86%	0.11%			105%
	Adjustment to 2016 savings	True-up	2,885,301	3,103,941	3,106,535	3,106,535	3,106,535	3,096,126	3,096,126	3,096,126	3,090,907	3,090,907	12	486	522	522	522	522	521	521	521	521	521	0.00%	11.64%	86.31%	0.00%	2.79%	0.00%	0.00%	0.00%	
	Adjustment to 2016 savings in April 2019 P&C	Unverified	83,321	83,218	83,115	83,012	82,909						12	12	12	12	12	12							13.80%	86.53%						
	Save on Energy Retrofit Program (Street Light	Verified	9,063	9,063	9,063	9,063	9,063	9,063	9,063	9,063	9,063	9,063	12	0	0	0	0	0	0	0	0	0	0								100.00%	100%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	
27	Save on Energy Small Business Lighting Program	Verified	30,823	30,823	30,823	30,823	30,823	20,211	20,211	20,211	20,211	20,211	12	5	5	5	5	5	4	4	4	4	4		100.00%							100%
	Adjustment to 2016 savings	True-up	5,437	5,437	5,437	5,437	5,437	418	418	418	418	418	12	1	1	1	1	1	0	0	0	0	0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified	37,569	37,569	37,569	37,569	37,569	37,569	37,569	37,569	37,569	37,569	12	20	20	20	20	20	20	20	20	20	20		10.91%	84.27%						95%
	Adjustment to 2016 savings	True-up	16,262	16,262	16,262	16,262	16,262	16,262	16,262	16,262	16,262	16,262	12	7	7	7	7	7	7	7	7	7	7	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified	1,010,337	0	0	0	0	0	0	0	0	0	12	7	0	0	0	0	0	0	0	0	0					100.00%				100%
	Adjustment to 2016 savings	True-up	835	835	835	835	835	835	835	835	835	835	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2016		**23,270,690**											**2,798**										**11,061,036**	**2,013,049**	**12,264**	**1,334**	**3,030**	**8,891**	**0**	**0**	
	Forecast CDM Savings in 2016																							**8,730,097**	**7,519,432**	**19,267**	**54**	**450**	**0**	**0**	**0**	
	Distribution Rate in 2016																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2016 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2016																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2016																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2016																															**$0.00**
	2016 Savings Persisting in 2017																							11,061,036	1,994,860	12,416	1,291	2,866	8,648	0	0	
	2016 Savings Persisting in 2018																							11,061,036	1,995,148	12,416	1,291	2,866	8,648	0	0	
	2016 Savings Persisting in 2019																							11,061,036	1,995,134	12,416	1,291	2,866	8,648	0	0	
	2016 Savings Persisting in 2020																							11,061,036	1,995,120	12,415	1,291	2,866	8,648	0	0	

All results from IESO 2017 final verified resport for Veridian except results marked 'Unverified' where energy savings in 2016 and 2020 are from the April 2019 Participation & Cost report.
For unverified results, persistence is assumed to be linear between 2016 and 2020.
Streetlight savings (row 311) are subtracted from reported Retrofit results (row 307) as these are dealt with separately (see Tab 8)
Where IESO reported adjustments in more than one year, these are shown separately to facilitate comparison with IESO reports.
Unverified demand for the Retrofit program is estimated using the same kW/kWh seen in the verified results.
Allocations used project specific results for both the final results and the adjustments so there are differences in the allocation for each.

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 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
	Conservation First Framework																																
	Residential Province-Wide Programs																																
21	Save on Energy Coupon Program	Verified	11,245,887	9,051,748	9,051,748	9,051,748	9,051,748	9,051,748	9,051,748	9,051,653	9,051,653	9,029,263		780	633	633	633	633	633	633	633	633	631	100.00%								100%
	Adjustment to 2017 savings	Unverified	12,605	12,571	12,536	12,502																		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Save on Energy Instant Discount Program	Verified	10,573,798	7,657,423	7,657,423	7,657,423	7,657,423	7,657,423	7,657,423	7,657,275	7,657,275	7,657,275		725	530	530	530	530	530	530	530	530	530	100.00%								100%
	Adjustment to 2017 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified	1,841,344	1,841,344	1,841,344	1,841,344	1,841,344	1,841,344	1,841,344	1,841,344	1,841,344	1,841,344		507	507	507	507	507	507	507	507	507	507	100.00%								100%
	Adjustment to 2017 savings	Unverified	215,889	215,889	215,889	215,889																		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified																														0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified	98,617	98,617	98,617	98,617	98,617	98,617	98,617	98,617	98,617	98,617		20	20	20	20	20	20	20	20	20	20	100.00%								100%
	Adjustment to 2017 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Save on Energy Smart Thermostat Program	Verified																						100.00%								100%
	Adjustment to 2017 savings	Unverified	45,252	45,252	45,252	45,252																		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																																
25	Save on Energy Audit Funding Program	Verified	718,670	718,670	718,670	718,670	718,670	718,670	718,670	718,670	718,670	620,701	12	32	32	32	32	32	32	32	32	32	28		18.18%	72.73%	0.00%	9.09%				100%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program (exc. Street Lights)	Verified	12,178,764	12,178,764	12,178,764	12,178,764	12,178,764	12,178,764	12,178,764	12,178,764	12,178,764	12,178,764	12	2,407	2,442	2,442	2,442	2,442	2,299	2,299	2,299	2,290	2,290		12.68%	51.81%	9.87%	21.71%				96%
	Adjustment to 2017 savings	Unverified	2,906,949	2,898,515	2,890,081	2,881,647							12	575	581	579	578							0.10%	7.07%	79.43%	3.15%	1.12%	0.00%	0.00%	0.00%	
	Save on Energy Retrofit Program (Street Lights)	Verified	5,118,669	5,118,669	5,118,669	5,118,669	5,118,669	5,118,669	5,118,669	5,118,669	5,118,669	5,118,669	12	0	202	678	678														100.00%	100%
	Adjustment to 2017 savings	True-up	2,209,514	2,209,514	2,209,514	2,209,514							12	0	270	272	272							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	
27	Save on Energy Small Business Lighting Program	Verified	863,077	863,077	863,077	863,077	712,449	548,571	401,033	321,236	234,485	141,948	12	202	202	202	202	179	150	119	100	76	48		100.00%							100%
	Adjustment to 2017 savings	Unverified	16,947	14,919	12,891	10,864							12	4	3	3	3							0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified	2,461	2,461	2,461	2,461	2,461	2,461	2,461	2,461	2,461	2,461	12	2	2	2	2	2	2	2	2	2	2			100.00%							100%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified											3																			0%
	Adjustment to 2017 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified											12																			0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified											12																			0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified	1,674,645	1,525,226	1,525,226	1,326,157	1,326,157	1,004,382	1,004,382	1,004,382	1,004,382	1,004,382	12	275	258	258	227	227	116	116	116	116	116		18.18%	72.72%		9.09%				100%
	Adjustment to 2017 savings	Unverified	3,795,670	3,795,670	3,795,670	3,795,670							12	623	642	642	650							0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	
	Centrally Delivered Programs																																
33	Save on Energy Energy Performance Program for Multi-Site Customers	Verified	157,854	157,854	157,854	157,854	157,854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					100.00%				100%
	Adjustment to 2017 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified											0																			0%
	Adjustment to 2017 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified											0																			0%
	Adjustment to 2017 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																																
36	Whole Home Pilot Program	Verified	126,375	126,375	126,375	126,375	126,234	126,234	126,234	126,234	126,234	126,234	12	17	17	17	17	17	17	17	17	17	17	100.00%								100%
	Adjustment to 2017 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2017		**53,802,986**											**6,169**										**24,162,651**	**3,064,647**	**23,143**	**3,069**	**14,163**	**0**	**0**	**0**	
	Forecast CDM Savings in 2017																							**8,730,097**	**7,519,432**	**19,267**	**54**	**450**	**0**	**0**	**0**	
	Distribution Rate in 2017																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2017 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2017 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2017																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2017																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2017																															**$0.00**	
	2017 Savings Persisting in 2018																							19,052,095	3,034,859	23,275	3,113	14,462	0	0	5,669	
	2017 Savings Persisting in 2019																							19,052,052	3,032,235	23,259	3,113	14,461	0	0	11,394	
	2017 Savings Persisting in 2020																							19,052,009	2,993,421	22,973	3,112	14,519	0	0	11,394	

All results from IESO 2017 final verified resport for Veridian except results marked 'Unverified' where energy savings in 2017 and 2020 are from the April 2019 Participation & Cost report.
For unverified results, persistence is assumed to be linear between 2017 and 2020.
Streetlight savings (rows 503 and 504) are subtracted from reported Retrofit results (rows 500 and 501) as these are dealt with separately (see Tab 8)
Unverified demand for the Retrofit program is estimated using the same kW/kWh seen in the verified results.
Allocations used project specific results where available for both the final results and the adjustments so there are differences in the allocation for each.

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 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
	Conservation First Framework																															
	Residential Province-Wide Programs																															
21	Save on Energy Coupon Program	Unverified																														0%
	Adjustment to 2018 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Save on Energy Instant Discount Program	Unverified	4,532,114	4,513,485	4,494,857																			100.00%								100%
	Adjustment to 2018 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Unverified	928,611	928,611	928,611																			100.00%								100%
	Adjustment to 2018 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified	449,870	449,870	449,870																			100.00%								100%
	Adjustment to 2018 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified																														0%
	Adjustment to 2018 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Save on Energy Smart Thermostat Program	Unverified	127,563	127,563	127,563																			100.00%								100%
		True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																															
25	Save on Energy Audit Funding Program	Verified											12																			0%
	Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program (exc. Street Lighting)	Unverified	10,429,888	10,404,100	10,378,312								12	1,688	1,684	1,679								0.07%	7.07%	57.92%	12.12%	15.35%				93%
	Adjustment to 2018 savings	True-up											12											0.07%	7.07%	57.92%	12.12%	15.35%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Unverified	192,181	157,876	123,570								12												100.00%							100%
	Adjustment to 2018 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Unverified	639,581	636,407	633,234								12	25	25	25												100.00%				100%
	Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified											3																			0%
	Adjustment to 2018 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified											12																			0%
	Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified											12																			0%
	Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Unverified	1,114,862	1,114,862	1,114,862								12	0	0	0												100.00%				100%
	Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																															
33	Business Refrigeration Local Program	Unverified	697,889	697,889	697,889								12	92	92	92									99.40%	0.62%						100%
	Adjustment to 2018 savings	True-up											12											0.00%	99.40%	0.62%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	Swimming Pool Efficiency Program	Unverified	31,040	31,040	31,040								0											100.00%								100%
	Adjustment to 2018 savings	True-up											0											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified											0																			0%
	Adjustment to 2018 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2018		**19,143,598**											**1,805**										**6,076,944**	**1,622,926**	**11,737**	**2,455**	**3,411**	**0**	**0**	**0**	
	Forecast CDM Savings in 2018																							**8,730,097**	**7,519,432**	**19,267**	**54**	**450**	**0**	**0**	**0**	
	Distribution Rate in 2018																							$0.00560	$0.01710	$3.35140	$2.12330	$2.99030	$0.01700	$13.80520	$3.77490	
	Lost Revenue in 2018 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2012 programs																							$7,276.18	$13,729.52	$45,073.70	$79.99	$938.78	$0.00	$0.00	$0.00	$67,098.16
	Lost Revenue in 2018 from 2013 programs																							$9,462.82	$27,898.00	$30,349.23	$705.99	$2,999.36	$0.00	$0.00	$0.00	$71,415.40
	Lost Revenue in 2018 from 2014 programs																							$25,144.41	$30,635.87	$52,629.58	$30.38	$1,734.52	$0.00	$0.00	$5,891.60	$116,066.37
	Lost Revenue in 2018 from 2015 programs																							$31,804.65	$48,274.89	$66,171.38	$217.54	$14,515.35	$22.02	$0.00	$0.00	$161,005.83
	Lost Revenue in 2018 from 2016 programs																							$61,941.80	$34,117.03	$41,610.21	$2,740.80	$8,569.59	$147.02	$0.00	$0.00	$149,126.45
	Lost Revenue in 2018 from 2017 programs																							$106,691.73	$51,896.09	$78,005.40	$6,610.30	$43,244.68	$0.00	$0.00	$21,398.26	$307,846.46
	Lost Revenue in 2018 from 2018 programs																							$34,030.89	$27,752.03	$39,334.13	$5,213.23	$10,198.93	$0.00	$0.00	$0.00	$116,529.21
	Total Lost Revenues in 2018																							**$276,352.47**	**$234,303.43**	**$353,173.63**	**$15,596.22**	**$82,201.22**	**$169.04**	**$0.00**	**$27,289.86**	**$989,087.87**
	Forecast Lost Revenues in 2018																							**$48,888.54**	**$128,582.29**	**$64,571.42**	**$114.66**	**$1,345.64**	**$0.00**	**$0.00**	**$0.00**	**$243,502.55**
	LRAMVA in 2018																															**$745,585.32**
	2018 Savings Persisting in 2019																							6,058,296	1,586,798	11,708	2,449	3,401	0	0	0	
	2018 Savings Persisting in 2020																							6,039,649	1,550,670	11,679	2,443	3,392	0	0	0	

All energy results from the April 2019 Participation & Cost report.
Net demand estimated from gross values in CDM database using NTG and RR from 2017 verified results and scaled to match P&C report.
Allocations used project specific results where available for both the final results and the adjustments so there are differences in the allocation for each.

Ontario Energy Board

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 incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. **If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.**

Table 6. Prescribed Interest Rates

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

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 to 2,999 kW	GS 3,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
Opening Balance for 2018				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-18	2011-2018	Q1	0.13%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-18	2011-2018	Q1	0.13%	$23.69	$11.01	$30.06	$1.61	$8.42	$0.02	$0.00	$2.84	$77.67
Mar-18	2011-2018	Q1	0.13%	$47.39	$22.03	$60.13	$3.23	$16.84	$0.04	$0.00	$5.69	$155.33
Apr-18	2011-2018	Q2	0.16%	$89.56	$41.63	$113.64	$6.10	$31.84	$0.07	$0.00	$10.75	$293.57
May-18	2011-2018	Q2	0.16%	$119.42	$55.50	$151.52	$8.13	$42.45	$0.09	$0.00	$14.33	$391.43
Jun-18	2011-2018	Q2	0.16%	$149.27	$69.38	$189.40	$10.16	$53.06	$0.11	$0.00	$17.91	$489.29
Jul-18	2011-2018	Q3	0.16%	$179.13	$83.26	$227.27	$12.19	$63.67	$0.13	$0.00	$21.49	$587.15
Aug-18	2011-2018	Q3	0.16%	$208.98	$97.13	$265.15	$14.23	$74.29	$0.16	$0.00	$25.07	$685.01
Sep-18	2011-2018	Q3	0.16%	$238.84	$111.01	$303.03	$16.26	$84.90	$0.18	$0.00	$28.65	$782.86
Oct-18	2011-2018	Q4	0.18%	$308.50	$143.38	$391.42	$21.00	$109.66	$0.23	$0.00	$37.01	$1,011.20
Nov-18	2011-2018	Q4	0.18%	$342.78	$159.32	$434.91	$23.33	$121.84	$0.25	$0.00	$41.12	$1,123.56
Dec-18	2011-2018	Q4	0.18%	$377.05	$175.25	$478.40	$25.67	$134.03	$0.28	$0.00	$45.24	$1,235.91
Total for 2018				**$2,084.61**	**$968.89**	**$2,644.92**	**$141.90**	**$741.01**	**$1.55**	**$0.00**	**$250.10**	**$6,832.98**
Amount Cleared												
Opening Balance for 2019				**$2,084.61**	**$968.89**	**$2,644.92**	**$141.90**	**$741.01**	**$1.55**	**$0.00**	**$250.10**	**$6,832.98**
Jan-19	2011-2019	Q1	0.20%	$464.41	$215.85	$589.23	$31.61	$165.08	$0.35	$0.00	$55.72	$1,522.24
Feb-19	2011-2019	Q1	0.20%	$464.41	$215.85	$589.23	$31.61	$165.08	$0.35	$0.00	$55.72	$1,522.24
Mar-19	2011-2019	Q1	0.20%	$464.41	$215.85	$589.23	$31.61	$165.08	$0.35	$0.00	$55.72	$1,522.24
Apr-19	2011-2019	Q2	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
May-19	2011-2019	Q2	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Jun-19	2011-2019	Q2	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Jul-19	2011-2019	Q3	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Aug-19	2011-2019	Q3	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Sep-19	2011-2019	Q3	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Oct-19	2011-2019	Q4	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Nov-19	2011-2019	Q4	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Dec-19	2011-2019	Q4	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Total for 2019				**$7,196.86**	**$3,344.97**	**$9,131.25**	**$489.89**	**$2,558.24**	**$5.35**	**$0.00**	**$863.44**	**$23,590.01**
Amount Cleared												
Opening Balance for 2020				**$7,196.86**	**$3,344.97**	**$9,131.25**	**$489.89**	**$2,558.24**	**$5.35**	**$0.00**	**$863.44**	**$23,590.01**
Jan-20	2011-2020	Q1	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Feb-20	2011-2020	Q1	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Mar-20	2011-2020	Q1	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Apr-20	2011-2020	Q2	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
May-20	2011-2020	Q2	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Jun-20	2011-2020	Q2	0.18%	$413.23	$192.06	$524.29	$28.13	$146.89	$0.31	$0.00	$49.58	$1,354.48
Jul-20	2011-2020	Q3	0.05%	$108.05	$50.22	$137.09	$7.35	$38.41	$0.08	$0.00	$12.96	$354.15
Aug-20	2011-2020	Q3	0.05%	$108.05	$50.22	$137.09	$7.35	$38.41	$0.08	$0.00	$12.96	$354.15
Sep-20	2011-2020	Q3	0.05%	$108.05	$50.22	$137.09	$7.35	$38.41	$0.08	$0.00	$12.96	$354.15
Oct-20	2011-2020	Q4	0.05%	$108.05	$50.22	$137.09	$7.35	$38.41	$0.08	$0.00	$12.96	$354.15
Nov-20	2011-2020	Q4	0.05%	$108.05	$50.22	$137.09	$7.35	$38.41	$0.08	$0.00	$12.96	$354.15
Dec-20	2011-2020	Q4	0.05%	$108.05	$50.22	$137.09	$7.35	$38.41	$0.08	$0.00	$12.96	$354.15
Total for 2020				**$10,324.49**	**$4,798.64**	**$13,099.53**	**$702.79**	**$3,670.00**	**$7.67**	**$0.00**	**$1,238.68**	**$33,841.81**
Amount Cleared												

Ontario Energy Board

Supporting Documentation:
LDC Persistence Savings Results from IESO

Legend

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

Instructions
(Steps)

1. 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.

2. Please identify the source of the report via the dropdown list in Column I.

3. To faciliate 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.

4. 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 year's results report.

5. 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

Step:	*#1*					*#3*	*#2*	*#4*	*#1*								*#1*							
Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings	Net Verified Annual Peak Demand Savings at the End-User Level (kW)								Net Verified Annual Energy Savings at the End-User Level (kWh)							
									2011	2012	2013	2014	2015	2016	2017	2018	2011	2012	2013	2014	2015	2016	2017	2018

Ontario Energy Board

LRAMVA Work Form:
Documentation for Streetlighting Projects

Version 5.0 (2021)

Legend | User Inputs (Green)

Instructions

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

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

Project	Year	Gross energy (kWh)	NTG	Net energy (kWh)	Engineering demand reduction (kW)	Before billing date	Before billing demand (kW)	After billing date	After billing demand (kW)	Billing reduction (gross kW)	Gross kW for LRAMVA	NTG	Net kW	Net Demand (average monthly kW)						
														2014	2015	2016	2017	2018	2019	2020
Port Hope	2014	494,736	0.72	356,210	129.08	2014-04	276.79	2014-05	155.30	121.49	121.49	0.72	87.47	58.32	87.47	87.47	87.47	87.47	87.47	87.47
Gravenhurst	2014	251,391	0.72	181,002	64.68	2016-08	139.57	2016-09	80.25	59.32	59.32	0.72	42.71	-	-	10.66	42.59	42.59	42.59	42.59
Ajax	2014	3,706	0.72	2,668						0.00	0.00	0.72	-							
Cannington	2016			9,063							0.00	0.79								
Pickering	2017			4,050,886	655.22	2017-09	1,258.19	2018-03	594.03	664.16	655.22	0.86	563.49				-	95.50	570.69	570.69
Ajax	2017			1,067,782	178.51	2017-12	1,716.08	2018-01	1,533.93	182.15	178.51	0.86	153.52				-	106.88	106.88	106.88
Belleville	2017 true-up	2,569,202	0.86	2,209,514	316.25	2017-06	672.45	2018-03	355.42	317.03	316.25	0.86	271.97				87.64	270.00	271.97	271.97
Summary	2014			539,880	193.756					180.81	180.81		130.18	58.32	87.47	98.13	130.06	130.06	130.06	130.06
Summary	2016			9,063	-					-	-		-			-	-	-	-	-
Summary	2017			5,118,669	834					846	834		717				-	202	678	678
Summary	2017 true-up			2,209,514	316.249					317.03	316.249		271.97					270.00	271.97	271.97

Notes:
Gross energy savings are from project applications, NTG from IESO final reports.
Net energy for 2016 and 2017 projects is from IESO
Engineering demand reduction is from tables below on details of projects
Billing data is from tables below
Gross kW for LRAMVA is the minimum of the engineering or billing reductions

Table 8-a: Port Hope

Summary of Project #1

Actual lost revenue based on kW billing				
Month	Billed amount (kW) a	Gross kW reduction b	Net to Gross Ratio c	Net kW reduction b * c
Jan-14				
Feb-14				0
Mar-14				
Apr-14	276.79			
May-14	155.30	121.49	0.72	87.47
Jun-14	155.30	121.49	0.72	87.47
Jul-14	155.30	121.49	0.72	87.47
Aug-14	155.30	121.49	0.72	87.47
Sep-14	155.30	121.49	0.72	87.47
Oct-14	155.30	121.49	0.72	87.47
Nov-14	155.30	121.49	0.72	87.47
Dec-14	155.30	121.49	0.72	87.47
Total				**699.7824**
Persistence in 2015				1049.6736
Persistence in 2016				1049.6736
Persistence in 2017				1049.6736
Persistence in 2018				1049.6736
Persistence in 2019				1049.6736
Persistence in 2020				1049.6736

Notes: from billing system

Details of Project #1 (2014)

Pre-conversion billing demand

Fixture type	Billing Wattage (kW) d	Quantity e	Billed amount (kW) d * e
HPS 70	96	15	1.44
HPS 100	131	1134	148.55
HPS 150	191	22	4.20
HPS 200	240	58	13.92
HPS 250	300	335	100.50
HPS 400	468	8	3.74
Total			272.36

Notes: from engineering data

Post-conversion billing demand

Fixture type	Billing Wattage (kW) d_1	Quantity e_1	Billed amount (kW) $d_1 * e_1$
LED 50 W	50	15	0.75
LED 70 W	70	1134	79.38
LED 100 W	100	22	2.2
LED 150 W	150	58	8.7
LED 150 W	150	335	50.25
LED 250 W	250	8	2
Total			143.28

Table 8-b: Gravenhurst

Summary of Project #2

Actual lost revenue based on kW billing				
Month	Billed amount (kW) a	Gross kW reduction b	Net to Gross Ratio c	Net kW reduction b * c
Jan-14				
Dec-14				0
Aug-16	139.57			
Sep-16	139.57	0.00	0.72	-
Oct-16	80.25	59.32	0.72	42.71
Nov-16	80.42	59.15	0.72	42.59
Dec-16	80.42	59.15	0.72	42.59
Total				-
Persistence in 2015				
Persistence in 2016				127.89
Persistence in 2017				511.06
Persistence in 2018				511.06
Persistence in 2019				511.06
Persistence in 2020				511.06

Notes: from billing system

Details of Project #2 (2014)

Pre-conversion billing demand

Fixture type	Billing Wattage (W) d	Quantity e	Billed amount (kW) d * e / 1000
HPS 100	130	786	102.18
HPS 150	190	8	1.52
HPS 250	310	8	2.48
Total			106.18

Notes: from engineering data

Post-conversion billing demand

Fixture type	Billing Wattage (W) d_1	Quantity e_1	Billed amount (kW) $d_1 * e_1 / 1000$
LED	38	16	0.608
LED	43	361	15.523
LED	48	132	6.336
LED	53	145	7.685
LED	56	12	0.672
LED	65	25	1.625
LED	73	31	2.263
LED	83	71	5.893
LED	91	1	0.091
LED	101	8	0.808
Total			41.50

Table 8-c: Ajax

Summary of Project #3

Month	Actual lost revenue based on kW billing			
	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b	c	b * c
Jan-14				
Dec-14		0.00		0
Aug-16		0.00		
Sep-16		0.00	0.72	-
Oct-16		0.00	0.72	-
Nov-16		0.00	0.72	-
Dec-16		0.00	0.72	-
Total				**-**
Persistence in 2015				
Persistence in 2016				-
Persistence in 2017				-
Persistence in 2018				-
Persistence in 2019				-
Persistence in 2020				-

No data available

Details of Project #3 (2014)

Pre-conversion billing demand

Fixture type	Billing Wattage (W)	Quantity	Billed amount (kW)
	d	e	d * e / 1000
Total			0.00

Post-conversion billing demand

Fixture type	Billing Wattage (W)	Quantity	Billed amount (kW)
	d_1	e_1	$d_1 * e_1 / 1000$
Total			0.00

Table 8-d: Pickering

Summary of Project #4

Month	Actual lost revenue based on kW billing			
	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b	c	b * c
Jan-17				
Feb-17				0
Mar-17				
Apr-17				
May-17				
Jun-17				
Jul-17				
Aug-17	1,258.19			
Sep-17	1,129.84	128.35	0.86	114.2315
Oct-17	983.07	275.12	0.86	244.8568
Nov-17	864.40	393.79	0.86	350.4731
Dec-17	767.77	490.42	0.86	436.4738
Total				**1146.0352**
Jan-18	597.01	661.18	0.86	568.6148
Feb-18	597.86	660.33	0.86	567.8838
Mar-18	594.03	664.16	0.86	571.1776
Persistence in 2018			(12 months at Ja	6848.2746
Persistence in 2019				6854.1312
Persistence in 2020				6854.1312
Persistence in 2021				6854.1312

Details of Project #4 (2017)

Pre-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d	e	d * e
Cobrahead - HPS 70W	100	4	0.4
Decorative - Bell Downlighting - T	100	31	3.1
70 Decorative - Bell Downlighting	100	1	0.1
Cobrahead - HPS 100W	130	2753	357.89
Decorative - Victorian Lantern Pc	130	1	0.13
Decorative - Victorian Lantern Pc	130	124	16.12
Decorative - Victorian Lantern Sic	130	1569	203.97
Decorative - Victorian Lantern Sic	130	8	1.04
Sentinel - HPS 100W	130	2	0.26
Cobrahead - HPS 150W	190	108	20.52
Decorative - Victorian Lantern Sic	190	407	77.33
Missed Cobrahead - HPS 150W	190	1	0.19
Cobrahead - HPS 200W	240	878	210.72
Decorative - Box Top - Type 2 20(	240	2	0.48
Decorative - Box Top - Type 3 20(	240	51	12.24
Cobrahead - HPS 250W	300	508	152.4
Cobrahead - HPS 400W	470	17	7.99
Total		6,465	1,064.88

Post-conversion billing demand

Fixture type	Billing Wattage (W)	Quantity	Billed amount (kW)
	d_1	e_1	$d_1 * e_1 / 1000$
LED-18	18	1	0.02
LED-38	38	301	11.44
LED-40	40	1914	76.56
LED-43	43	1286	55.30
LED-46	46	124	5.70
LED-49	49	349	17.10
LED-55	55	254	13.97
LED-57	57	53	3.02
LED-61	61	213	12.99
LED-62	62	142	8.80
LED-69	69	344	23.74
LED-70	70	40	2.80
LED-75	75	67	5.03
LED-79	79	14	1.11
LED-88	88	288	25.34
LED-99	99	80	7.92
LED-112	112	13	1.46
LED-125	125	541	67.63
LED-143	143	9	1.29
LED-151	151	21	3.17
LED-160	160	408	65.28
Total		6,462	409.66

Table 8-e: Ajax

Summary of Project #5

Month	Actual lost revenue based on kW billing: Billed amount (kW) a	Gross kW reduction b	Net to Gross Ratio c	Net kW reduction b * c
Jan-17				
Feb-17				0
Mar-17				
Apr-17				
May-17				
Jun-17				
Jul-17				
Aug-17				
Sep-17				
Oct-17				
Nov-17				
Dec-17	302.30			
Total				**0**
Jan-18	178.51	123.79	86%	106.88
Persistence in 2018			(12 months at Ja	1,282.51
Persistence in 2019				1,282.51
Persistence in 2020				1,282.51
Persistence in 2021				1,282.51

Details of Project #5 (Month, Year)

Pre-conversion billing demand

Fixture type	Billing Wattage (W) d	Quantity e	Billed amount (kW) d * e / 1000
HPS 200	200	567	113.4
HPS 250	250	738	184.5
HPS 400	400	11	4.4
Total			302.30

Post-conversion billing demand

Fixture type	Billing Wattage (W) d_1	Quantity e_1	Billed amount (kW) $d_1 * e_1 / 1000$
LED 79	79	468	36.972
LED 99	99	722	71.478
LED 107	107	91	9.737
LED 160	160	35	5.6
Total			123.79

Table 8-f: Belleville

Summary of Project #1

Month	Actual lost revenue based on kW billing: Billed amount (kW) a	Gross kW reduction b	Net to Gross Ratio c	Net kW reduction b * c
Jan-17				
Feb-17		0.00	0.86	0
Mar-17		0.00	0.86	0
Apr-17		0.00	0.86	0
May-17	672.45	0.00	0.86	0
Jun-17	672.45	0.00	0.86	0
Jul-17	607.90	64.55	0.86	55.51
Aug-17	582.20	90.25	0.86	77.62
Sep-17	492.58	179.87	0.86	154.69
Oct-17	374.61	297.84	0.86	256.14
Nov-17	375.77	296.68	0.86	255.14
Dec-17	375.77	296.68	0.86	255.14
Total				**1,054.25**
Jan-18	369.41	303.04	0.86	260.61
Feb-18	369.02	303.43	0.86	260.95
Mar-18	355.42	317.03	0.86	272.65
Persistence in 2018				3,248.02
Persistence in 2019				3,271.75
Persistence in 2020				3,271.75
Persistence in 2021				3,271.75

Details of Project #8

Pre-conversion billing demand

Fixture type	Billing Wattage (W) d	Quantity e	Billed amount (kW) d * e / 1000
HPS-70	100	111	11.1
HPS-100	130	2487	323.31
HPS-150	190	20	3.8
HPS-200	240	1110	266.4
HPS-250	300	2	0.6
Total			605.21

Post-conversion billing demand

Fixture type	Billing Wattage (W) d_1	Quantity e_1	Billed amount (kW) $d_1 * e_1 /1000$
LED	35	257	8.995
LED	54	1838	99.252
LED	72	443	31.896
LED	108	865	93.42
LED	160	289	46.24
LED	241	38	9.158
Total			288.96

APPENDIX B:

2020 CURRENT APPROVED TARIFF OF RATES AND CHARGES

Elexicon Energy Inc.

Veridian Rate Zone

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

EB-2019-0252

RESIDENTIAL SERVICE CLASSIFICATION

All residential customers with kilowatt-hour meters shall be deemed to have a demand of 50kW or less. This customer classification included single family homes, street townhouses, multiplexes, and block townhouses. This classification applies to a customer's main place of abode and may include additional buildings served through the same meter, provided they are not rental income units. To be classified as Residential, the customer must represent and warrant that the premise is designated as his/her principal residence or, in the case of a rented premise, that the premise is the principal residence of the rental occupant.

A principal residence is defined as meeting the following criteria:

a. The occupant must live in this residence for at least 8 months of the year.

b. The address of this residence must appear on the occupant's electric bill, driver's license, credit card invoice, property tax bill, etc.

c. Occupants who are eligible to vote in Provincial or Federal elections must be enumerated for this purpose at the address of this residence.

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	$	27.07
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Low Voltage Service Rate	$/kWh	0.0010
Retail Transmission Rate - Network Service Rate	$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0052

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.
Veridian Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2019-0252

SEASONAL RESIDENTIAL SERVICE CLASSIFICATION

This classification is defined as any residential service not meeting the Residential Service Classification criteria. It includes such dwellings as cottages, chalets, and camps. 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	$	49.45
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Low Voltage Service Rate	$/kWh	0.0013
Retail Transmission Rate - Network Service Rate	$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0068

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.
Veridian Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2019-0252

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 50kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Condition of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	17.54
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Distribution Volumetric Rate	$/kWh	0.0177
Low Voltage Service Rate	$/kWh	0.0009
Retail Transmission Rate - Network Service Rate	$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0048

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.
Veridian Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2019-0252

GENERAL SERVICE 50 TO 2,999 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, 50kW but less than 3,000 kW.
Class A and Class B customers 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 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	$	112.13
Distribution Volumetric Rate	$/kW	3.4595
Low Voltage Service Rate	$/kW	0.3858
Retail Transmission Rate - Network Service Rate	$/kW	3.1290
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.2551

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.
Veridian Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2019-0252

GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average peak demand used for billing purposes over the past twelve months is equal to or greater than, or forecast to be equal to or greater than, 3,000 kW but less than 5,000 kW. Class A and Class B customers 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 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	$	5,892.34
Distribution Volumetric Rate	$/kW	2.1918
Low Voltage Service Rate	$/kW	0.4346
Retail Transmission Rate - Network Service Rate	$/kW	3.4473
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.4767

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.
Veridian Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2019-0252

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is greater than, or is forecast to be greater than, 5,000 kW. Class A and Class B customers 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 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	$	8,851.48
Distribution Volumetric Rate	$/kW	3.0868
Low Voltage Service Rate	$/kW	0.4157
Retail Transmission Rate - Network Service Rate	$/kW	3.4473
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.4767

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.
Veridian Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2019-0252

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

In general, all services will be metered. However, certain types of electrical loads are not practical to meter, or the cost of metering represents an inordinate expense to both the Customer and Elexicon Energy. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. These situations can be managed through a controlled connection and a pre-defined basis for estimating 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)	$	7.15
Distribution Volumetric Rate	$/kWh	0.0176
Low Voltage Service Rate	$/kWh	0.0009
Retail Transmission Rate - Network Service Rate	$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0048

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.
Veridian Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2019-0252

SENTINEL LIGHTING SERVICE CLASSIFICATION

Sentinel lights (dusk-to-dawn) connected to unmetered wires will have a flat rate monthly energy charge added to the regular customer bill. 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	$	4.71
Distribution Volumetric Rate	$/kW	14.2508
Low Voltage Service Rate	$/kW	0.2505
Retail Transmission Rate - Network Service Rate	$/kW	1.9517
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4178

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.
Veridian Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
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EB-2019-0252

STREET LIGHTING SERVICE CLASSIFICATION

All services supplied to street or roadway lighting equipment owned by or operated for a municipality or the Province of Ontario shall be classified as Street Lighting Service. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale 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)	$	0.73
Distribution Volumetric Rate	$/kW	3.8967
Low Voltage Service Rate	$/kW	0.2618
Retail Transmission Rate - Network Service Rate	$/kW	2.0550
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4816

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.

Veridian Rate Zone

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

EB-2019-0252

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	4.55

Elexicon Energy Inc.
Veridian Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2019-0252

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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Customer Administration

Arrears certificate	$	15.00
Statement of account	$	15.00
Request for other billing information	$	15.00
Easement letter	$	15.00
Account history	$	15.00
Credit reference/credit check (plus credit agency costs)	$	15.00
Returned cheque (plus bank charges)	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Special meter reads	$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00

Non-Payment of Account

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

Other

Disconnect/reconnect at meter - during regular hours	$	65.00
Disconnect/reconnect at meter - after regular hours	$	185.00
Temporary service - install & remove - overhead - no transformer	$	500.00
Temporary service - install & remove - overhead - with transformer	$	1,000.00
Specific charge for access to the power poles - $/pole/year (with the exception of wireless attachments)	$	44.50
Customer substation isolation - after hours	$	905.00

Elexicon Energy Inc.
Veridian Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
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EB-2019-0252

RETAIL SERVICE CHARGES (if applicable)

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	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 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	1.0482
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0146
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0344
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

APPENDIX C:

2021 PROPOSED TARIFF OF RATES AND CHARGES

Elexicon Energy Inc.

Veridian 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-2020-0013

RESIDENTIAL SERVICE CLASSIFICATION

All residential customers with kilowatt-hour meters shall be deemed to have a demand of 50kW or less. This customer classification included single family homes, street townhouses, multiplexes, and block townhouses. This classification applies to a customer's main place of abode and may include additional buildings served through the same meter, provided they are not rental income units. To be classified as Residential, the customer must represent and warrant that the premise is designated as his/her principal residence or, in the case of a rented premise, that the premise is the principal residence of the rental occupant.

A principal residence is defined as meeting the following criteria:

a. The occupant must live in this residence for at least 8 months of the year.

b. The address of this residence must appear on the occupant's electric bill, driver's license, credit card invoice, property tax bill, etc.

c. Occupants who are eligible to vote in Provincial or Federal elections must be enumerated for this purpose at the address of this residence.

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	$	27.53
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$	(0.46)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$	0.30
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) (2021) - effective until December 31, 2021	$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0052

Elexicon Energy Inc.

Veridian 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 - 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.

Veridian Rate Zone

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

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SEASONAL RESIDENTIAL SERVICE CLASSIFICATION

This classification is defined as any residential service not meeting the Residential Service Classification criteria. It includes such dwellings as cottages, chalets, and camps. 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	$	50.29
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$	(0.84)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$	2.84
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Low Voltage Service Rate	$/kWh	0.0013
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$/kWh	(0.0047)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0072
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.

Veridian 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 50kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Condition of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	17.84
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$	(0.30)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$	0.19
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Distribution Volumetric Rate	$/kWh	0.0180
Low Voltage Service Rate	$/kWh	0.0009
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kWh	0.0004
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$/kWh	0.0002
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$/kWh	(0.0003)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0048

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.

Veridian Rate Zone

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

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GENERAL SERVICE 50 TO 2,999 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, 50kW but less than 3,000 kW.
Class A and Class B customers 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 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.

Veridian Rate Zone

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	114.04
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$	(1.91)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$	1.24
Distribution Volumetric Rate	$/kW	3.5183
Low Voltage Service Rate	$/kW	0.3858
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kW	0.1326
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$/kW	0.0383
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$/kW	(0.0588)
Retail Transmission Rate - Network Service Rate	$/kW	3.0963
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.2358

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.

Veridian 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 3,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average peak demand used for billing purposes over the past twelve months is equal to or greater than, or forecast to be equal to or greater than, 3,000 kW but less than 5,000 kW. Class A and Class B customers 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 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.

Veridian Rate Zone

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5,992.51
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$	(100.17)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$	65.67
Distribution Volumetric Rate	$/kW	2.2291
Low Voltage Service Rate	$/kW	0.4346
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kW	0.0829
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$/kW	0.0248
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$/kW	(0.0373)
Retail Transmission Rate - Network Service Rate	$/kW	3.4113
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.4555

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.

Veridian Rate Zone

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

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LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is greater than, or is forecast to be greater than, 5,000 kW. Class A and Class B customers 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 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.

Veridian 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	$	9,001.96
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$	(150.48)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$	98.64
Distribution Volumetric Rate	$/kW	3.1393
Low Voltage Service Rate	$/kW	0.4157
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kW	0.1950
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$/kW	0.0271
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$/kW	(0.0525)
Retail Transmission Rate - Network Service Rate	$/kW	3.4113
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.4555

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.

Veridian Rate Zone

TARIFF OF RATES AND CHARGES

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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

In general, all services will be metered. However, certain types of electrical loads are not practical to meter, or the cost of metering represents an inordinate expense to both the Customer and Elexicon Energy. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. These situations can be managed through a controlled connection and a pre-defined basis for estimating 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)	$	7.27
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$	(0.12)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$	0.08
Distribution Volumetric Rate	$/kWh	0.0179
Low Voltage Service Rate	$/kWh	0.0009
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$/kWh	0.0002
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$/kWh	(0.0003)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0048

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.

Veridian Rate Zone

TARIFF OF RATES AND CHARGES

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SENTINEL LIGHTING SERVICE CLASSIFICATION

Sentinel lights (dusk-to-dawn) connected to unmetered wires will have a flat rate monthly energy charge added to the regular customer bill. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	4.79
Distribution Volumetric Rate	$/kW	14.4931
Low Voltage Service Rate	$/kW	0.2505
Retail Transmission Rate - Network Service Rate	$/kW	1.9313
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4057

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.

Veridian Rate Zone

TARIFF OF RATES AND CHARGES

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STREET LIGHTING SERVICE CLASSIFICATION

All services supplied to street or roadway lighting equipment owned by or operated for a municipality or the Province of Ontario shall be classified as Street Lighting Service. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per light)	$	0.74
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$	(0.01)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$	0.01
Distribution Volumetric Rate	$/kW	3.9629
Low Voltage Service Rate	$/kW	0.2618
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kW	0.7782
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	$/kW	0.0577
Rate Rider for Rate Year Alignment - effective until April 30, 2021	$/kW	(0.0662)
Retail Transmission Rate - Network Service Rate	$/kW	2.0335
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4689

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.

Veridian Rate Zone

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microFIT SERVICE CLASSIFICATION

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

APPLICATION

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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.

Veridian Rate Zone

TARIFF OF RATES AND CHARGES

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SPECIFIC SERVICE CHARGES

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

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Customer Administration		
Arrears certificate	$	15.00
Statement of account	$	15.00
Request for other billing information	$	15.00
Easement letter	$	15.00
Account history	$	15.00
Credit reference/credit check (plus credit agency costs)	$	15.00
Returned cheque (plus bank charges)	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Special meter reads	$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00
Non-Payment of Account		
Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	$	65.00
Reconnection at meter - after regular hours	$	185.00
Other		
Disconnect/reconnect at meter - during regular hours	$	65.00
Disconnect/reconnect at meter - after regular hours	$	185.00
Temporary service - install & remove - overhead - no transformer	$	500.00
Temporary service - install & remove - overhead - with transformer	$	1,000.00
Specific charge for access to the power poles - $/pole/year (with the exception of wireless attachments)	$	45.39
Customer substation isolation - after hours	$	905.00

Elexicon Energy Inc.

Veridian Rate Zone

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RETAIL SERVICE CHARGES (if applicable)

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	104.04
Monthly Fixed Charge, per retailer	$	41.62
Monthly Variable Charge, per customer, per retailer	$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.52
Processing fee, per request, applied to the requesting party	$	1.04
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge
More than twice a year, per request (plus incremental delivery costs)	$	4.16
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	$	2.08

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0482
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0146
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0344
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

APPENDIX D:

CUSTOMER BILL IMPACTS

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	$ 0.90	3.38%	$ 0.90	2.76%	$ 1.69	4.08%	$ 1.37	1.2%
Seasonal Residential	645		RPP TOU	$ (0.59)	-1.18%	$ (0.59)	-1.07%	$ 0.15	0.24%	$ 0.12	0.1%
GS<50 kW	2,000		RPP TOU	$ 2.28	4.38%	$ 2.28	3.42%	$ 4.17	4.73%	$ 3.38	1.2%
GS 50-2,999	432,160	1,480	Non-RPP	$ 341.59	6.64%	$ 341.59	3.99%	$ 983.17	6.22%	$ 1,110.98	1.3%
GS 3000-4999	1,752,000	4,000	Non-RPP	$ 741.37	5.14%	$ 741.37	2.68%	$ 2,648.97	5.38%	$ 2,993.34	0.9%
Large User	4,219,400	6,800	Non-RPP	$ 2,107.76	7.18%	$ 2,107.76	5.19%	$ 5,350.68	6.93%	$ 6,046.27	0.8%
Unmetered Scattered Load	500		RPP Tier	$ 0.45	2.87%	$ 0.45	2.34%	$ 0.92	3.75%	$ 0.75	1.0%
Sentinel Lights	180	1	RPP Tier	$ 0.64	3.44%	$ 0.64	3.20%	$ 0.91	3.95%	$ 0.74	1.9%
Street Lighting	37	1	Non-RPP	$ 0.92	20.23%	$ 0.92	18.21%	$ 1.21	14.57%	$ 1.36	8.8%

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

Consumption		**750**	**kWh**				***Current Loss Factor***			**1.0482**
RPP Tier One		**n/a**					***Proposed Loss Factor***			**1.0482**
	Current Board-Approved				**Proposed**				**Impact**	
RESIDENTIAL (RPP TOU)	**Rate ($)**	**Volume**	**Charge ($)**		**Rate ($)**	**Volume**	**Charge ($)**		**$ Change**	**% Change**
Monthly Service Charge	$ 26.62	1	$ 26.62		$ 27.53	1	$ 27.53		$ 0.91	3.42%
Foregone Revenue Rate Rider (fixed)	$ -	1	$ -		$ 0.30	1	$ 0.30		$ 0.30	#DIV/0!
Rate Year Alignment Rate Rider (fixed)	$ -	1	$ -		-$ 0.46	1	-$ 0.46		-$ 0.46	#DIV/0!
Volumetric Rate Riders (LRAM)	$ -	750	$ -		$ 0.0002	750	$ 0.15		$ 0.15	#DIV/0!
Sub-Total A (excluding pass through)			**$ 26.62**				**$ 27.52**		**$ 0.90**	**3.38%**
Line Losses on Cost of Power	$ 0.1280	36	$ 4.63		$ 0.1280	36	$ 4.63		$ -	0.00%
Low Voltage Rate	$ 0.0010	750	$ 0.75		$ 0.0010	750	$ 0.75		$ -	0.00%
Smart Meter Entity Charge	$ 0.57	1	$ 0.57		$ 0.57	1	$ 0.57		$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 32.57**				**$ 33.47**		**$ 0.90**	**2.76%**
RTSR - Network	$ 0.0065	786	$ 5.11		$ 0.0070	786	$ 5.50		$ 0.39	7.69%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0047	786	$ 3.69		$ 0.0052	786	$ 4.09		$ 0.39	10.64%
Sub-Total C - Delivery (including Sub-Total B)			**$ 41.37**				**$ 43.06**		**$ 1.69**	**4.08%**
Wholesale Market Service Charge (WMSC)	$ 0.0030	786	$ 2.36		$ 0.0030	786	$ 2.36		$ -	0.00%
Capacity Based Recovery (CBR)	$ 0.0004	786	$ 0.31		$ 0.0004	786	$ 0.31		$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	786	$ 0.39		$ 0.0005	786	$ 0.39		$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25		$ 0.25	1	$ 0.25		$ -	0.00%
Sub-Total Regulatory			**$ 3.32**				**$ 3.32**		**$ -**	**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%
Sub-Total Energy			**$ 96.00**				**$ 96.00**		**$ -**	**0.00%**
Total Bill on TOU (before Taxes)			**$ 140.69**				**$ 142.37**		$ 1.69	1.20%
HST	13%		$ 18.29		13%		$ 18.51		$ 0.22	1.20%
Ontario Rebate for Electricity Consumers	-31.8%		-$ 44.74		-31.8%		-$ 45.28		-$ 0.54	1.20%
Total Bill on TOU			**$ 114.24**				**$ 115.61**		**$ 1.37**	**1.20%**

Consumption	**645**	**kWh**					***Current Loss Factor***			**1.0482**
RPP Tier One	**n/a**						***Proposed Loss Factor***			**1.0482**
	Current Board-Approved				**Proposed**			**Impact**		
SEASONAL RESIDENTIAL (RPP TOU)	**Rate ($)**	**Volume**	**Charge ($)**		**Rate ($)**	**Volume**	**Charge ($)**		**$ Change**	**% Change**
Monthly Service Charge	$ 45.14	1	$ 45.14		$ 50.29	1	$ 50.29		$ 5.15	11.41%
Distribution Volumetric Rate	$ 0.0073	645	$ 4.71		$ -	645	$ -		-$ 4.71	
Foregone Revenue Rate Rider (fixed)	$ -	1	$ -		$ 2.84	1	$ 2.84		$ 2.84	#DIV/0!
Rate Year Alignment Rate Rider (fixed)	$ -	1	$ -		-$ 0.84	1	-$ 0.84		-$ 0.84	#DIV/0!
Foregone Revenue Rate Rider (volumetric)	$ -	645	$ -		-$ 0.0047	645	-$ 3.03		-$ 3.03	#DIV/0!
Sub-Total A (excluding pass through)			**$ 49.85**				**$ 49.26**		**-$ 0.59**	**-1.18%**
Line Losses on Cost of Power	$ 0.1280	31	$ 3.98		$ 0.1280	31	$ 3.98		$ -	0.00%
Low Voltage Rate	$ 0.0013	645	$ 0.84		$ 0.0013	645	$ 0.84		$ -	0.00%
Smart Meter Entity Charge	$ 0.57	1	$ 0.57		$ 0.57	1	$ 0.57		$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 55.24**				**$ 54.65**		**-$ 0.59**	**-1.07%**
RTSR - Network	$ 0.0067	676	$ 4.53		$ 0.0072	676	$ 4.87		$ 0.34	7.46%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0061	676	$ 4.12		$ 0.0067	676	$ 4.53		$ 0.41	9.84%
Sub-Total C - Delivery (including Sub-Total B)			**$ 63.89**				**$ 64.04**		**$ 0.15**	**0.24%**
Wholesale Market Service Charge (WMSC)	$ 0.0030	676	$ 2.03		$ 0.0030	676	$ 2.03		$ -	0.00%
Capacity Based Recovery (CBR)	$ 0.0004	676	$ 0.27		$ 0.0004	676	$ 0.27		$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	676	$ 0.34		$ 0.0005	676	$ 0.34		$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25		$ 0.25	1	$ 0.25		$ -	0.00%
Sub-Total Regulatory			**$ 2.89**				**$ 2.89**		**$ -**	**0.00%**
TOU - Off Peak	$ 0.1280	413	$ 52.84		$ 0.1280	413	$ 52.84		$ -	0.00%
TOU - Mid Peak	$ 0.1280	116	$ 14.86		$ 0.1280	116	$ 14.86		$ -	0.00%
TOU - On Peak	$ 0.1280	116	$ 14.86		$ 0.1280	116	$ 14.86		$ -	0.00%
Sub-Total Energy			**$ 82.56**				**$ 82.56**		**$ -**	**0.00%**
Total Bill on TOU (before Taxes)			**$ 149.34**				**$ 149.49**		$ 0.15	0.10%
HST	13%		$ 19.41		13%		$ 19.43		$ 0.02	0.10%
Ontario Rebate for Electricity Consumers	-31.8%		-$ 47.49		-31.8%		-$ 47.54		-$ 0.05	0.10%
Total Bill on TOU			**$ 121.26**				**$ 121.39**		**$ 0.12**	**0.10%**

Consumption	2,000 kWh	*Current Loss Factor*	*1.0482*
RPP Tier One	n/a	*Proposed Loss Factor*	*1.0482*

	Current Board-Approved			Proposed			Impact	
GS<50 kW (RPP TOU)	**Rate ($)**	**Volume**	**Charge ($)**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**
Monthly Service Charge	$ 17.25	1	$ 17.25	$ 17.84	1	$ 17.84	$ 0.59	3.42%
Distribution Volumetric Rate	$ 0.0174	2,000	$ 34.80	$ 0.0180	2,000	$ 36.00	$ 1.20	3.45%
Foregone Revenue Rate Rider (fixed)	$ -	1	$ -	$ 0.19	1	$ 0.19	$ 0.19	#DIV/0!
Rate Year Alignment Rate Rider (fixed)	$ -	1	$ -	-$ 0.30	1	-$ 0.30	-$ 0.30	#DIV/0!
Foregone Revenue Rate Rider (volumetric)	$ -	2,000	$ -	$ 0.0002	2,000	$ 0.40	$ 0.40	#DIV/0!
Rate Year Aligment Rate Rider (volumetric)	$ -	2,000	$ -	-$ 0.0003	2,000	-$ 0.60	-$ 0.60	#DIV/0!
Volumetric Rate Riders (LRAM)	$ -	2,000	$ -	$ 0.0004	2,000	$ 0.80	$ 0.80	#DIV/0!
Sub-Total A (excluding pass through)			**$ 52.05**			**$ 54.33**	**$ 2.28**	**4.38%**
Line Losses on Cost of Power	$ 0.1280	96	$ 12.34	$ 0.1280	96	$ 12.34	$ -	0.00%
Low Voltage Rate	$ 0.0009	2,000	$ 1.80	$ 0.0009	2,000	$ 1.80	$ -	0.00%
Smart Meter Entity Charge	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 66.76**			**$ 69.04**	**$ 2.28**	**3.42%**
RTSR - Network	$ 0.0059	2,096	$ 12.37	$ 0.0063	2,096	$ 13.21	$ 0.84	6.78%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0043	2,096	$ 9.01	$ 0.0048	2,096	$ 10.06	$ 1.05	11.63%
Sub-Total C - Delivery (including Sub-Total B)			**$ 88.14**			**$ 92.31**	**$ 4.17**	**4.73%**
Wholesale Market Service Charge (WMSC)	$ 0.0030	2,096	$ 6.29	$ 0.0030	2,096	$ 6.29	$ -	0.00%
Capacity Based Recovery (CBR)	$ 0.0004	2,096	$ 0.84	$ 0.0004	2,096	$ 0.84	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,096	$ 1.05	$ 0.0005	2,096	$ 1.05	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Sub-Total Regulatory			**$ 8.43**			**$ 8.43**	**$ -**	**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%
Sub-Total Energy			**$ 256.00**			**$ 256.00**	**$ -**	**0.00%**
Total Bill on TOU (before Taxes)			**$ 352.57**			**$ 356.74**	$ 4.17	1.18%
HST	13%		$ 45.83	13%		$ 46.38	$ 0.54	1.18%
Ontario Rebate for Electricity Consumers	-31.8%		-$ 112.12	-31.8%		-$ 113.44	-$ 1.33	1.18%
Total Bill on TOU			**$ 286.29**			**$ 289.67**	**$ 3.38**	**1.18%**

Consumption	**432,160**	**kWh**	**1,480**	**kW**	***Current Loss Factor***	***1.0482***
RPP Tier One	**n/a**				***Proposed Loss Factor***	***1.0482***

	Current Board-Approved			Proposed			Impact	
GENERAL SERVICE 50 to 2,999 KW (Non-RPP)	**Rate ($)**	**Volume**	**Charge ($)**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**
Monthly Service Charge	$ 110.26	1	$ 110.26	$ 114.04	1	$ 114.04	$ 3.78	3.43%
Distribution Volumetric Rate	$ 3.4017	1,480	$ 5,034.52	$ 3.5183	1,480	$ 5,207.08	$ 172.57	3.43%
Foregone Revenue Rate Rider (fixed)	$ -	1	$ -	$ 1.24	1	$ 1.24	$ 1.24	#DIV/0!
Rate Year Aligment Rate Rider (fixed)	$ -	1		-$ 1.91	1	-$ 1.91	-$ 1.91	#DIV/0!
Foregone Revenue Rate Rider (volumetric)	$ -	1,480	$ -	$ 0.0383	1,480	$ 56.68	$ 56.68	#DIV/0!
Rate Year Aligment Rate Rider (volumetric)	$ -	1,480		-$ 0.0588	1,480	-$ 87.02	-$ 87.02	#DIV/0!
Volumetric Rate Riders (LRAM)	$ -	1,480	$ -	$ 0.1326	1,480	$ 196.25	$ 196.25	#DIV/0!
Sub-Total A (excluding pass through)			**$ 5,144.78**			**$ 5,486.36**	**$ 341.59**	**6.64%**
Line Losses on Cost of Power	$ 0.1368	20,830	$ 2,849.56	$ 0.1368	20,830	$ 2,849.56	$ -	0.00%
Low Voltage Rate	$ 0.3858	1,480	$ 570.98	$ 0.3858	1,480	$ 570.98	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 8,565.32**			**$ 8,906.91**	**$ 341.59**	**3.99%**
RTSR - Network	$ 2.8752	1,480	$ 4,255.30	$ 3.0963	1,480	$ 4,582.52	$ 327.23	7.69%
RTSR - Connection and/or Line and Transformation Connection	$ 2.0234	1,480	$ 2,994.63	$ 2.2358	1,480	$ 3,308.98	$ 314.35	10.50%
Sub-Total C - Delivery (including Sub-Total B)			**$ 15,815.25**			**$ 16,798.41**	**$ 983.17**	**6.22%**
Wholesale Market Service Charge (WMSC)	$ 0.0030	452,990	$ 1,358.97	$ 0.0030	452,990	$ 1,358.97	$ -	0.00%
Capacity Based Recovery (CBR)	$ 0.0004	452,990	$ 181.20	$ 0.0004	452,990	$ 181.20	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	452,990	$ 226.50	$ 0.0005	452,990	$ 226.50	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Sub-Total Regulatory			**$ 1,766.91**			**$ 1,766.91**	**$ -**	**0.00%**
Commodity including Global Adjustment*	$ 0.1368	432,160	$ 59,119.49	$ 0.1368	432,160	$ 59,119.49	$ -	0.00%
Sub-Total Energy			**$ 59,119.49**			**$ 59,119.49**	**$ -**	**0.00%**
Total Bill on Spot (before Taxes)			**$ 76,701.65**			**$ 77,684.81**	$ 983.17	1.28%
HST	13%		$ 9,971.21	13%		$ 10,099.03	$ 127.81	1.28%
Total Bill on Spot			**$ 86,672.86**			**$ 87,783.84**	**$ 1,110.98**	**1.28%**

Consumption	1,752,000 kWh	4,000 kWh		*Current Loss Factor*		*1.0482*
RPP Tier One	n/a			*Proposed Loss Factor*		*1.0482*

	Current Board-Approved			Proposed			Impact	
GENERAL SERVICE 3,000 to 4,999 KW (Non-RPP)	**Rate ($)**	**Volume**	**Charge ($)**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**
Monthly Service Charge	$ 5,793.84	1	$ 5,793.84	$ 5,992.51	1	$ 5,992.51	$ 198.67	3.43%
Distribution Volumetric Rate	$ 2.1552	4,000	$ 8,620.80	$ 2.2291	4,000	$ 8,916.40	$ 295.60	3.43%
Foregone Revenue Rate Rider (fixed)	$ -	1	$ -	$ 65.67	1	$ 65.67	$ 65.67	#DIV/0!
Rate Year Alignment Rate Rider (fixed)	$ -	1	$ -	-$ 100.17	1	-$ 100.17	-$ 100.17	#DIV/0!
Foregone Revenue Rate Rider (volumetric)	$ -	4,000	$ -	$ 0.0248	4,000	$ 99.20	$ 99.20	#DIV/0!
Rate Year Alignment Rate Rider (volumetric)	$ -	4,000	$ -	-$ 0.0373	4,000	-$ 149.20	-$ 149.20	#DIV/0!
Volumetric Rate Riders (LRAM)	$ -	4,000	$ -	$ 0.0829	4,000	$ 331.60	$ 331.60	#DIV/0!
Sub-Total A (excluding pass through)			**$ 14,414.64**			**$ 15,156.01**	**$ 741.37**	**5.14%**
Line Losses on Cost of Power	$ 0.1368	84,446	$ 11,552.27	$ 0.1368	84,446	$ 11,552.27	$ -	0.00%
Low Voltage Rate	$ 0.4346	4,000	$ 1,738.40	$ 0.4346	4,000	$ 1,738.40	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 27,705.31**			**$ 28,446.68**	**$ 741.37**	**2.68%**
RTSR - Network	$ 3.1677	4,000	$ 12,670.80	$ 3.4113	4,000	$ 13,645.20	$ 974.40	7.69%
RTSR - Connection and/or Line and Transformation Connection	$ 2.2222	4,000	$ 8,888.80	$ 2.4555	4,000	$ 9,822.00	$ 933.20	10.50%
Sub-Total C - Delivery (including Sub-Total B)			**$ 49,264.91**			**$ 51,913.88**	**$ 2,648.97**	**5.38%**
Wholesale Market Service Charge (WMSC)	$ 0.0030	1,836,446	$ 5,509.34	$ 0.0030	1,836,446	$ 5,509.34	$ -	0.00%
Capacity Based Recovery (CBR)	$ 0.0004	1,836,446	$ 734.58	$ 0.0004	1,836,446	$ 734.58	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	1,836,446	$ 918.22	$ 0.0005	1,836,446	$ 918.22	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Sub-Total Regulatory			**$ 7,162.39**			**$ 7,162.39**	**$ -**	**0.00%**
Commodity including Global Adjustment*	$ 0.1368	1,752,000	$ 239,673.60	$ 0.1368	1,752,000	$ 239,673.60	$ -	0.00%
Sub-Total Energy			**$ 239,673.60**			**$ 239,673.60**	**$ -**	**0.00%**
Total Bill on Spot (before Taxes)			**$ 296,100.90**			**$ 298,749.87**	$ 2,648.97	0.89%
HST	13%		$ 38,493.12	13%		$ 38,837.48	$ 344.37	0.89%
Total Bill on Spot			**$ 334,594.02**			**$ 337,587.35**	**$ 2,993.34**	**0.89%**

Consumption	4,219,400	kWh	6,800	kW		*Current Loss Factor*		*1.0146*
RPP Tier One	n/a					*Proposed Loss Factor*		*1.0146*

	Current Board-Approved			Proposed			Impact	
GENERAL SERVICE - LARGE USER(>5MW) (Non-RPP)	**Rate ($)**	**Volume**	**Charge ($)**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**
Monthly Service Charge	$ 8,703.52	1	$ 8,703.52	$ 9,001.96	1	$ 9,001.96	$ 298.44	3.43%
Distribution Volumetric Rate	$ 3.0352	6,800	$ 20,639.36	$ 3.1393	6,800	$ 21,347.24	$ 707.88	3.43%
Foregone Revenue Rate Rider (fixed)	$ -	1	$ -	$ 98.64	1	$ 98.64	$ 98.64	#DIV/0!
Rate Alignment Year Rate Rider (fixed)	$ -	1	$ -	-$ 150.48	1	-$ 150.48	-$ 150.48	#DIV/0!
Foregone Revenue Rate Rider (volumetric)	$ -	6,800	$ -	$ 0.0271	6,800	$ 184.28	$ 184.28	#DIV/0!
Rate Aligment Year Rate Rider (volumetric)	$ -	6,800	$ -	-$ 0.0525	6,800	-$ 357.00	-$ 357.00	#DIV/0!
Volumetric Rate Riders (LRAM)	$ -	6,800	$ -	$ 0.1950	6,800	$ 1,326.00	$ 1,326.00	#DIV/0!
Sub-Total A (excluding pass through)			**$ 29,342.88**			**$ 31,450.64**	**$ 2,107.76**	**7.18%**
Line Losses on Cost of Power	$ 0.1368	61,603	$ 8,427.32	$ 0.1368	61,603	$ 8,427.32	$ -	0.00%
Low Voltage Rate	$ 0.4157	6,800	$ 2,826.76	$ 0.4157	6,800	$ 2,826.76	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 40,596.96**			**$ 42,704.72**	**$ 2,107.76**	**5.19%**
RTSR - Network	$ 3.1677	6,800	$ 21,540.36	$ 3.4113	6,800	$ 23,196.84	$ 1,656.48	7.69%
RTSR - Connection and/or Line and Transformation Connection	$ 2.2222	6,800	$ 15,110.96	$ 2.4555	6,800	$ 16,697.40	$ 1,586.44	10.50%
Sub-Total C - Delivery (including Sub-Total B)			**$ 77,248.28**			**$ 82,598.96**	**$ 5,350.68**	**6.93%**
Wholesale Market Service Charge (WMSC)	$ 0.0030	4,281,003	$ 12,843.01	$ 0.0030	4,281,003	$ 12,843.01	$ -	0.00%
Capacity Based Recovery (CBR)	$ 0.0004	4,281,003	$ 1,712.40	$ 0.0004	4,281,003	$ 1,712.40	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	4,281,003	$ 2,140.50	$ 0.0005	4,281,003	$ 2,140.50	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Sub-Total Regulatory			**$ 16,696.16**			**$ 16,696.16**	**$ -**	**0.00%**
Commodity including Global Adjustment*	$ 0.1368	4,219,400	$ 577,213.92	$ 0.1368	4,219,400	$ 577,213.92	$ -	0.00%
Sub-Total Energy			**$ 577,213.92**			**$ 577,213.92**	**$ -**	**0.00%**
Total Bill on Spot (before Taxes)			**$ 671,158.37**			**$ 676,509.05**	$ 5,350.68	0.80%
HST	13%		$ 87,250.59	13%		$ 87,946.18	$ 695.59	0.80%
Total Bill on Spot			**$ 758,408.95**			**$ 764,455.22**	**$ 6,046.27**	**0.80%**

Consumption	500	kWh	*Current Loss Factor*	*1.0482*
RPP Tier One	750	kWh	*Proposed Loss Factor*	*1.0482*

	Current Board-Approved			Proposed			Impact	
UNMETERED SCATTERED LOAD (RPP TIER)	**Rate ($)**	**Volume**	**Charge ($)**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**
Monthly Service Charge	$ 7.03	1	$ 7.03	$ 7.27	1	$ 7.27	$ 0.24	3.41%
Distribution Volumetric Rate	$ 0.0173	500	$ 8.65	$ 0.0179	500	$ 8.95	$ 0.30	3.47%
Foregone Revenue Rate Rider (fixed)	$ -	1	$ -	$ 0.08	1	$ 0.08	$ 0.08	#DIV/0!
Rate Year Alignment Rate Rider (fixed)	$ -	1	$ -	-$ 0.12	1	-$ 0.12	-$ 0.12	#DIV/0!
Foregone Revenue Rate Rider (volumetric)	$ -	500	$ -	$ 0.0002	500	$ 0.10	$ 0.10	#DIV/0!
Rate Year Alignment Rate Rider (volumetric)	$ -	500	$ -	-$ 0.0003	500	-$ 0.15	-$ 0.15	#DIV/0!
Sub-Total A (excluding pass through)			**$ 15.68**			**$ 16.13**	**$ 0.45**	**2.87%**
Line Losses on Cost of Power	$ 0.1280	24	$ 3.08	$ 0.1280	24	$ 3.08	$ -	0.00%
Low Voltage Rate	$ 0.0009	500	$ 0.45	$ 0.0009	500	$ 0.45	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 19.21**			**$ 19.66**	**$ 0.45**	**2.34%**
RTSR - Network	$ 0.0059	524	$ 3.09	$ 0.0063	524	$ 3.30	$ 0.21	6.78%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0043	524	$ 2.25	$ 0.0048	524	$ 2.52	$ 0.26	11.63%
Sub-Total C - Delivery (including Sub-Total B)			**$ 24.56**			**$ 25.48**	**$ 0.92**	**3.75%**
Wholesale Market Service Charge (WMSC)	$ 0.0030	524	$ 1.57	$ 0.0030	524	$ 1.57	$ -	0.00%
Capacity Based Recovery (CBR)	$ 0.0004	524	$ 0.21	$ 0.0004	524	$ 0.21	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	524	$ 0.26	$ 0.0005	524	$ 0.26	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Sub-Total Regulatory			**$ 2.29**			**$ 2.29**	**$ -**	**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%
Sub-Total Energy			**$ 64.00**			**$ 64.00**	**$ -**	**0.00%**
Total Bill on Tiered (before Taxes)			**$ 90.85**			**$ 91.78**	$ 0.92	1.01%
HST	13%		$ 11.81	13%		$ 11.93	$ 0.12	1.01%
Ontario Rebate for Electricity Consumers	-31.8%		-$ 28.89	-31.8%		-$ 29.18	-$ 0.29	1.01%
Total Bill on Tiered			**$ 73.77**			**$ 74.52**	**$ 0.75**	**1.01%**

Consumption	180	kWh	1	kW	*Current Loss Factor*	*1.0482*
RPP Tier One	750	kWh			*Proposed Loss Factor*	*1.0482*

	Current Board-Approved			Proposed			Impact	
SENTINEL LIGHTING (RPP TIER)	**Rate ($)**	**Volume**	**Charge ($)**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**
Monthly Service Charge	$ 4.63	1	$ 4.63	$ 4.79	1	$ 4.79	$ 0.16	3.46%
Distribution Volumetric Rate	$ 14.0126	1	$ 14.01	$ 14.4931	1	$ 14.49	$ 0.48	3.43%
Sub-Total A (excluding pass through)			**$ 18.64**			**$ 19.28**	**$ 0.64**	**3.44%**
Line Losses on Cost of Power	$ 0.1280	9	$ 1.11	$ 0.1280	9	$ 1.11	$ -	0.00%
Low Voltage Rate	$ 0.2505	1	$ 0.25	$ 0.2505	1	$ 0.25	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 20.00**			**$ 20.64**	**$ 0.64**	**3.20%**
RTSR - Network	$ 1.7934	1	$ 1.79	$ 1.9313	1	$ 1.93	$ 0.14	7.69%
RTSR - Connection and/or Line and Transformation Connection	$ 1.2721	1	$ 1.27	$ 1.4057	1	$ 1.41	$ 0.13	10.50%
Sub-Total C - Delivery (including Sub-Total B)			**$ 23.07**			**$ 23.98**	**$ 0.91**	**3.95%**
Wholesale Market Service Charge (WMSC)	$ 0.0030	189	$ 0.57	$ 0.0030	189	$ 0.57	$ -	0.00%
Capacity Based Recovery (CBR)	$ 0.0004	189	$ 0.08	$ 0.0004	189	$ 0.08	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	189	$ 0.09	$ 0.0005	189	$ 0.09	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Sub-Total Regulatory			**$ 0.99**			**$ 0.99**	**$ -**	**0.00%**
TOU - Off Peak	$ 0.1280	115	$ 14.75	$ 0.1280	115	$ 14.75	$ -	0.00%
TOU - Mid Peak	$ 0.1280	32	$ 4.15	$ 0.1280	32	$ 4.15	$ -	0.00%
TOU - On Peak	$ 0.1280	32	$ 4.15	$ 0.1280	32	$ 4.15	$ -	0.00%
Sub-Total Energy			**$ 23.04**			**$ 23.04**	**$ -**	**0.00%**
Total Bill on Tiered (before Taxes)			**$ 47.09**			**$ 48.01**	$ 0.91	1.94%
HST	13%		$ 6.12	13%		$ 6.24	$ 0.12	1.94%
Ontario Rebate for Electricity Consumers	-31.8%		-$ 14.98	-31.8%		-$ 15.27	-$ 0.29	1.94%
Total Bill on Tiered			**$ 38.24**			**$ 38.98**	**$ 0.74**	**1.94%**

Consumption	37	kWh	1	kW		*Current Loss Factor*			*1.0482*
	Current Board-Approved			Proposed			Impact		
STREET LIGHTING (Non-RPP)	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change		% Change
Monthly Service Charge	$ 0.72	1	$ 0.72	$ 0.74	1	$ 0.74	$ 0.02		2.78%
Distribution Volumetric Rate	$ 3.8316	1	$ 3.83	$ 3.9629	1	$ 3.96	$ 0.13		3.43%
Foregone Revenue Rate Rider (fixed)	$ -	1	$ -	$ 0.01	1	$ 0.01	$ 0.01		#DIV/0!
Rate Year Alignment Rate Rider (fixed)	$ -	1	$ -	-$ 0.01	1	-$ 0.01	-$ 0.01		#DIV/0!
Foregone Revenue Rate Rider (volumetric)	$ -	1	$ -	$ 0.0577	1	$ 0.06	$ 0.06		#DIV/0!
Rate Year Alignment Rate Rider (volumetric)	$ -	1	$ -	-$ 0.0662	1	-$ 0.07	-$ 0.07		#DIV/0!
Volumetric Rate Riders (LRAM)	$ -	1	$ -	$ 0.7782	1	$ 0.78	$ 0.78		#DIV/0!
Sub-Total A (excluding pass through)			**$ 4.55**			**$ 5.47**	**$ 0.92**		**20.23%**
Line Losses on Cost of Power	$ 0.1368	2	$ 0.24	$ 0.1368	2	$ 0.24	$ -		0.00%
Low Voltage Rate	$ 0.2618	1	$ 0.26	$ 0.2618	1	$ 0.26	$ -		0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 5.06**			**$ 5.98**	**$ 0.92**		**18.21%**
RTSR - Network	$ 1.8883	1	$ 1.89	$ 2.0335	1	$ 2.03	$ 0.15		7.69%
RTSR - Connection and/or Line and Transformation Connection	$ 1.3294	1	$ 1.33	$ 1.4689	1	$ 1.47	$ 0.14		10.49%
Sub-Total C - Delivery (including Sub-Total B)			**$ 8.28**			**$ 9.48**	**$ 1.21**		**14.57%**
Wholesale Market Service Charge (WMSC)	$ 0.0030	39	$ 0.12	$ 0.0030	39	$ 0.12	$ -		0.00%
Capacity Based Recovery (CBR)	$ 0.0004	39	$ 0.02	$ 0.0004	39	$ 0.02	$ -		0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	39	$ 0.02	$ 0.0005	39	$ 0.02	$ -		0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -		0.00%
Sub-Total Regulatory			**$ 0.40**			**$ 0.40**	**$ -**		**0.00%**
Commodity including Global Adjustment*	$ 0.1368	37	$ 5.06	$ 0.1368	37	$ 5.06	$ -		0.00%
Sub-Total Energy			**$ 5.06**			**$ 5.06**	**$ -**		**0.00%**
Total Bill on Spot (before Taxes)			**$ 13.74**			**$ 14.94**	$ 1.21		8.78%
HST	13%		$ 1.79	13%		$ 1.94	$ 0.16		8.78%
Total Bill on Spot			**$ 15.52**			**$ 16.89**	**$ 1.36**		**8.78%**

APPENDIX E:

IRM RATE GENERATOR MODEL

Ontario Energy Board

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	Veridian Rate Zone
Assigned EB Number	EB-2020-0013
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	**Price Cap IR**
1. Select the last Cost of Service rebasing year.	**2014**
2. For Accounts 1588 and 1589, please indicate the year the accounts were last disposed on a final basis.	2017
a) If the accounts were last approved on a final basis, select the year that the balance was last approved on a final basis. **b) If the accounts were last approved on an interim basis, and** **i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition 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.)**	**2017**
3. For the remaining Group 1 DVAs, please indicate the year the accounts were last disposed on a final basis.	2017
a) If the accounts were last approved on a final basis, select the year that the balance was last approved on a final basis. **b) If the accounts were last approved on an interim basis, and** **i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition 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.**	**2017**
4. Select the earliest vintage year in which there is a balance in Account 1595.	**2017**

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

5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance selected in #2 above to the year requested for disposition)?	**Yes**
6. Did you have any Class A customers at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year selected in #3 above to the year requested for disposition)?	**Yes**
7. Retail Transmission Service Rates: Elexicon Energy Inc. is:	**Partially Embedded** **Within** Hydro One **Distribution System(s)**
8. Have you transitioned to fully fixed rates?	**Yes**

(If necessary, enter all host-distributors' names in the above green shaded cell.)

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.

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	0			2,387,643	2,387,643	0			27,141	27,141
Smart Metering Entity Charge Variance Account	1551	0			(37,400)	(37,400)	0			(409)	(409)
RSVA - Wholesale Market Service Charge	1580	0			(5,306,415)	(5,306,415)	0			(59,526)	(59,526)
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			(231,693)	(231,693)	0			(2,683)	(2,683)
RSVA - Retail Transmission Network Charge	1584	0			(1,033,758)	(1,033,758)	0			(11,490)	(11,490)
RSVA - Retail Transmission Connection Charge	1586	0			(496,009)	(496,009)	0			(3,356)	(3,356)
RSVA - Power	1588	0			(4,555,750)	(4,555,750)	0			(76,346)	(76,346)
RSVA - Global Adjustment	1589	0			(1,330,558)	(1,330,558)	0			(37,802)	(37,802)
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014)	1595	0			(1)	(1)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	0			(152,546)	(152,546)	0			121,575	121,575
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	0			2,849	2,849	0			50	50
Disposition and Recovery/Refund of Regulatory Balances (2017)	1595	0	(258,118)	(84,579)		(173,539)	0	(143)	167,295		(167,438)
Disposition and Recovery/Refund of Regulatory Balances (2018)	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) Refer to the Filing Requirements for disposition eligibility.	1595	0				0	0				0
RSVA - Global Adjustment	**1589**	0	0	0	(1,330,558)	(1,330,558)	0	0	0	(37,802)	(37,802)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	(258,118)	(84,579)	(9,423,079)	(9,596,618)	0	(143)	167,295	(5,044)	(172,482)
Total Group 1 Balance		0	(258,118)	(84,579)	(10,753,637)	(10,927,176)	0	(143)	167,295	(42,846)	(210,284)
LRAM Variance Account (only input amounts if applying for disposition of this account)	**1568**	0			717,898	717,898	0			8,655	8,655
Total including Account 1568		0	(258,118)	(84,579)	(10,035,739)	(10,209,278)	0	(143)	167,295	(34,191)	(201,629)

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 Adjustments[1] during 2018**	**Closing Principal Balance as of Dec 31, 2018**	**Opening Interest Amounts as of Jan 1, 2018**	**Interest Jan 1 to Dec 31, 2018**	**OEB-Approved Disposition during 2018**	**Interest Adjustments[1] during 2018**	**Closing Interest Amounts as of Dec 31, 2018**
Group 1 Accounts											
LV Variance Account	1550	2,387,643	626,002	1,222,438		1,791,207	27,141	34,365	21,090		40,416
Smart Metering Entity Charge Variance Account	1551	(37,400)	(65,740)	(18,530)		(84,610)	(409)	(974)	(214)		(1,169)
RSVA - Wholesale Market Service Charge[5]	1580	(5,306,415)	(469,170)	(2,650,391)		(3,125,194)	(59,526)	(66,153)	(31,036)		(94,643)
Variance WMS – Sub-account CBR Class A[5]	1580	0	0			0	0				0
Variance WMS – Sub-account CBR Class B[5]	1580	(231,693)	(106,711)	(150,662)		(187,742)	(2,683)	(3,485)	(4,750)		(1,418)
RSVA - Retail Transmission Network Charge	1584	(1,033,758)	115,257	(303,699)		(614,802)	(11,490)	(16,721)	(5,063)		(23,148)
RSVA - Retail Transmission Connection Charge	1586	(496,009)	472,304	(37,365)		13,660	(3,356)	(3,992)	(2,158)		(5,190)
RSVA - Power	1588	(4,555,750)	(639,484)	(2,631,105)	545,153	(2,018,976)	(76,346)	(62,006)	(50,727)		(87,625)
RSVA - Global Adjustment	1589	(1,330,558)	(1,769,493)	(2,717,137)	597,153	214,240	(37,802)	8,842	(80,782)		51,822
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014)	1595	(1)				(1)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015)[5]	1595	(152,546)	130	(152,417)		1	121,575	(407)	121,169		(1)
Disposition and Recovery/Refund of Regulatory Balances (2016)[5]	1595	2,849		2,849		0	50	8	57		0
Disposition and Recovery/Refund of Regulatory Balances (2017)[5]	1595	(173,539)	(35,709)			(209,248)	(167,438)	(4,008)			(171,447)
Disposition and Recovery/Refund of Regulatory Balances (2018)	1595	0	4,489,316	7,436,019		(2,946,703)	0	(63,136)	32,414		(95,550)
Disposition and Recovery/Refund of Regulatory Balances (2019) Refer to the Filing Requirements for disposition eligibility.	1595	0				0	0				0
RSVA - Global Adjustment	**1589**	(1,330,558)	(1,769,493)	(2,717,137)	597,153	214,240	(37,802)	8,842	(80,782)	0	51,822
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(9,596,618)	4,386,195	2,717,137	545,153	(7,382,407)	(172,482)	(186,509)	80,782	0	(439,773)
Total Group 1 Balance		(10,927,176)	2,616,702	0	1,142,306	(7,168,168)	(210,284)	(177,667)	0	0	(387,951)
LRAM Variance Account (only input amounts if applying for disposition of this account)	**1568**	717,898	1,042,911			1,760,809	8,655	24,788			33,443
Total including Account 1568		(10,209,278)	3,659,613	0	1,142,306	(5,407,359)	(201,629)	(152,879)	0	0	(354,508)

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	1,791,207	1,435,598	1,165,205		2,061,600	40,416	31,768	36,181		36,003
Smart Metering Entity Charge Variance Account	1551	(84,610)	(115,907)	(18,870)		(181,647)	(1,169)	(3,128)	(682)		(3,615)
RSVA - Wholesale Market Service Charge[2]	1580	(3,125,194)	(501,990)	(2,656,024)		(971,160)	(94,643)	(26,684)	(97,171)		(24,156)
Variance WMS – Sub-account CBR Class A[5]	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B[5]	1580	(187,742)	(198,196)	(81,031)		(304,908)	(1,418)	(4,983)	(28)		(6,372)
RSVA - Retail Transmission Network Charge	1584	(614,802)	776,618	(730,059)		891,876	(23,148)	(392)	(25,305)		1,765
RSVA - Retail Transmission Connection Charge	1586	13,660	701,139	(458,644)		1,173,443	(5,190)	8,562	(13,058)		16,429
RSVA - Power	1588	(2,018,976)	182,526	(1,924,645)	(453,278)	(365,082)	(87,625)	(22,558)	(75,387)		(34,796)
RSVA - Global Adjustment	1589	214,240	2,531,513	1,386,579	(1,089,643)	269,531	51,822	35,595	78,835		8,582
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014)	1595	(1)				(1)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015)[2]	1595	1				1	(1)				(1)
Disposition and Recovery/Refund of Regulatory Balances (2016)[2]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017)[2]	1595	(209,248)	35,401		0	(173,847)	(171,447)	(40,755)		0	(212,202)
Disposition and Recovery/Refund of Regulatory Balances (2018)	1595	(2,946,703)	3,098,197			151,494	(95,550)	98,171			2,622
Disposition and Recovery/Refund of Regulatory Balances (2019) Refer to the Filing Requirements for disposition eligibility.	1595	0	2,683,566	3,317,489		(633,923)	0	24,723	96,615		(71,892)
RSVA - Global Adjustment	**1589**	214,240	2,531,513	1,386,579	(1,089,643)	269,531	51,822	35,595	78,835	0	8,582
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(7,382,407)	8,096,952	(1,386,579)	(453,278)	1,647,846	(439,773)	64,724	(78,835)	0	(296,214)
Total Group 1 Balance		(7,168,168)	10,628,465	0	(1,542,920)	1,917,377	(387,951)	100,320	0	0	(287,632)
LRAM Variance Account (only input amounts if applying for disposition of this account)	**1568**	1,760,809	488,663	1,201,370	(302,517)	745,585	33,443	35,771	43,386	(2,238)	23,590
Total including Account 1568		(5,407,359)	11,117,128	1,201,370	(1,845,437)	2,662,962	(354,508)	136,090	43,386	(2,238)	(264,042)

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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Account Descriptions	Account Number	2020 Principal Disposition during 2020 - instructed by OEB	2020 Interest Disposition during 2020 - instructed by OEB	2020 Closing Principal Balances as of Dec 31, 2019 Adjusted for Disposition during 2020	2020 Closing Interest Balances as of Dec 31, 2019 Adjusted for Disposition during 2020	Projected Interest on Dec-31-2019 Balances: Projected Interest from Jan 1, 2020 to Dec 31, 2020 on Dec 31, 2019 balance adjusted for disposition during 2020 [2]	Projected Interest on Dec-31-2019 Balances: 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?
Group 1 Accounts										
LV Variance Account	1550			2,061,600	36,003	28,347		64,350	2,125,950	
Smart Metering Entity Charge Variance Account	1551			(181,647)	(3,615)	(2,498)		(6,113)	(187,760)	
RSVA - Wholesale Market Service Charge	1580			(971,160)	(24,156)	(13,353)		(37,510)	(1,008,670)	
Variance WMS – Sub-account CBR Class A [5]	1580			0	0			0	0	
Variance WMS – Sub-account CBR Class B [5]	1580			(304,908)	(6,372)	(4,193)		(10,565)	(315,472)	
RSVA - Retail Transmission Network Charge	1584			891,876	1,765	12,263		14,028	905,904	
RSVA - Retail Transmission Connection Charge	1586			1,173,443	16,429	16,135		32,564	1,206,007	
RSVA - Power	1588			(365,082)	(34,796)	4,301		(30,495)	(395,577)	
RSVA - Global Adjustment	1589			269,531	8,582	18,382		26,964	296,495	
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014)	1595			(1)	0			0	0	No
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595			1	(1)			(1)	0	No
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595			0	0			0	0	No
Disposition and Recovery/Refund of Regulatory Balances (2017)	1595			(173,847)	(212,202)	(3,127)		(215,328)	(389,175)	Yes
Disposition and Recovery/Refund of Regulatory Balances (2018)	1595			151,494	2,622	2,083		4,705	0	No
Disposition and Recovery/Refund of Regulatory Balances (2019) Refer to the Filing Requirements for disposition eligibility.	1595			(633,923)	(71,892)	(8,716)		(80,608)	0	No
RSVA - Global Adjustment	**1589**	0	0	269,531	8,582	18,382	0	26,964	296,495	
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	1,647,846	(296,214)	31,242	0	(264,972)	1,941,208	
Total Group 1 Balance		0	0	1,917,377	(287,632)	49,624	0	(238,008)	2,237,702	
LRAM Variance Account (only input amounts if applying for disposition of this account)	**1568**			745,585	23,590	10,252		33,842	779,427	
Total including Account 1568		0	0	2,662,962	(264,042)	59,876	0	(204,166)	3,017,130	

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.

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Account Descriptions	Account Number	2.1.7 RRR As of Dec 31, 2019	Variance RRR vs. 2019 Balance *(Principal + Interest)*	
Group 1 Accounts				
LV Variance Account	1550	2,097,603	(0)	
Smart Metering Entity Charge Variance Account	1551	(185,262)	(0)	
RSVA - Wholesale Market Service Charge[5]	1580	(1,306,596)	(311,280)	
Variance WMS – Sub-account CBR Class A[5]	1580	0	0	
Variance WMS – Sub-account CBR Class B[5]	1580	(311,280)	0	
RSVA - Retail Transmission Network Charge	1584	893,640	(1)	
RSVA - Retail Transmission Connection Charge	1586	1,189,872	(0)	
RSVA - Power	1588	277,985	677,863	Please provide an explanation of the variance in the Manager's Summary
RSVA - Global Adjustment	1589	1,345,424	1,067,311	Please provide an explanation of the variance in the Manager's Summary
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014)	1595	0	1	
Disposition and Recovery/Refund of Regulatory Balances (2015)[5]	1595	0	(1)	
Disposition and Recovery/Refund of Regulatory Balances (2016)[5]	1595	0	(0)	
Disposition and Recovery/Refund of Regulatory Balances (2017)[5]	1595	(386,048)	0	
Disposition and Recovery/Refund of Regulatory Balances (2018)	1595	154,115	0	
Disposition and Recovery/Refund of Regulatory Balances (2019) Refer to the Filing Requirements for disposition eligibility.	1595	(705,815)	0	
RSVA - Global Adjustment	**1589**	1,345,424	1,067,311	
Total Group 1 Balance excluding Account 1589 - Global Adjustment		2,029,494	677,862	
Total Group 1 Balance		3,374,918	1,745,173	
LRAM Variance Account (only input amounts if applying for disposition of this account)	**1568**	1,073,930	304,755	Please provide an explanation of the variance in the Manager's Summary
Total including Account 1568		4,448,848	2,049,927	

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 (2017) [1]	1568 LRAM Variance Account Class Allocation ($ amounts)	Number of Customers for Residential and GS<50 classes[3]
RESIDENTIAL SERVICE CLASSIFICATION	kWh	955,333,994	0	33,350,305	0	0	0	955,333,994	0	38%	237,788	111,713
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	kWh	10,913,731	0	74,645	0	0	0	10,913,731	0	1%		1,561
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	294,131,394	0	52,129,680	0	0	0	294,131,394	0	12%	110,520	9,268
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	967,009,692	2,275,621	833,043,481	1,964,173	35,212,900	59,165	931,796,792	2,216,456	38%	301,702	
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	89,803,696	195,196	89,803,696	195,196	0	0	89,803,696	195,196	4%	16,186	
LARGE USE SERVICE CLASSIFICATION	kW	256,791,117	433,414	256,791,117	433,414	0	0	256,791,117	433,414	7%	84,526	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	4,636,636	0	223,044	0	0	0	4,636,636	0	0%	177	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	226,092	629	102,374	285	0	0	226,092	629	0%		
STREET LIGHTING SERVICE CLASSIFICATION	kW	13,162,249	36,658	13,162,249	36,658	0	0	13,162,249	36,658	1%	28,529	
	Total	2,592,008,601	2,941,518	1,278,680,591	2,629,726	35,212,900	59,165	2,556,795,701	2,882,353	100%	779,427	122,542

Threshold Test

Total Claim (including Account 1568)	$3,017,130	
Total Claim for Threshold Test (All Group 1 Accounts)	$2,237,702	
Threshold Test (Total claim per kWh) [2]	$0.0009	Claim does not meet the threshold test.

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

NO

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	1550	1551	1580 (allocated based on Total less WMP)	1584	1586	1588 (allocated based on Total less WMP)	1595 (2017)	1568
RESIDENTIAL SERVICE CLASSIFICATION	36.9%	91.2%	37.4%								237,788
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	0.4%	1.3%	0.4%								0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	11.3%	7.6%	11.5%								110,520
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	37.3%	0.0%	36.4%								301,702
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	3.5%	0.0%	3.5%								16,186
LARGE USE SERVICE CLASSIFICATION	9.9%	0.0%	10.0%								84,526
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%								177
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%								0
STREET LIGHTING SERVICE CLASSIFICATION	0.5%	0.0%	0.5%								28,529
Total	100.0%	100.0%	100.0%	0	0	0	0	0	0	0	779,428

*** 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

Input required at cells C13 and C14. This workshseet 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 Reconcilation [1]
RESIDENTIAL SERVICE CLASSIFICATION	kWh	955,333,994	0	955,333,994	0	0		0.0000	0.0000	0.0002	
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	kWh	10,913,731	0	10,913,731	0	0		0.0000	0.0000	0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	294,131,394	0	294,131,394	0	0		0.0000	0.0000	0.0004	
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	967,009,692	2,275,621	931,796,792	2,216,456	0		0.0000	0.0000	0.1326	
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	89,803,696	195,196	89,803,696	195,196	0		0.0000	0.0000	0.0829	
LARGE USE SERVICE CLASSIFICATION	kW	256,791,117	433,414	256,791,117	433,414	0		0.0000	0.0000	0.1950	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	4,636,636	0	4,636,636	0	0		0.0000	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	226,092	629	226,092	629	0		0.0000	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	13,162,249	36,658	13,162,249	36,658	0		0.0000	0.0000	0.7782	
											0.00

[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

	2014	2021
OEB-Approved Rate Base	$ 238,106,078	$ 238,106,078
OEB-Approved Regulatory Taxable Income	$ 3,772,613	$ 3,772,613
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		$ 565,892
Provincial Taxes Payable		$ 433,850
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	25.6%	26.5%
Total Income Taxes Payable	$ 1,006,421	$ 999,742
OEB-Approved Total Tax Credits (enter as positive number)	$ 98,133	$ 98,133
Income Tax Provision	$ 908,288	$ 901,609
Grossed-up Income Taxes	$ 1,220,982	$ 1,226,680
Incremental Grossed-up Tax Amount		$ 5,698
Sharing of Tax Amount (50%)		**$ 2,849**

Ontario Energy Board

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	105,999	968,772,164	0	12.77	0.0159	0.0000	16,243,287	15,403,477	0	31,646,764	51.3%	48.7%	0.0%	62.3%
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,590	9,089,444	0	29.15	0.0343	0.0000	556,182	311,768	0	867,950	64.1%	35.9%	0.0%	1.7%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	8,781	299,645,543	0	16.13	0.0162	0.0000	1,699,650	4,854,258	0	6,553,908	25.9%	74.1%	0.0%	12.9%
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	1,087	1,022,093,560	2,566,405	103.06	0.0000	3.1796	1,344,315	0	8,160,141	9,504,456	14.1%	0.0%	85.9%	18.7%
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	5	125,707,953	259,661	5415.56	0.0000	2.0145	324,934	0	523,087	848,021	38.3%	0.0%	61.7%	1.7%
LARGE USE SERVICE CLASSIFICATION	kW	2	112,219,237	193,776	8135.28	0.0000	2.8370	195,247	0	549,743	744,989	26.2%	0.0%	73.8%	1.5%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	929	4,496,870	0	6.57	0.0161	0.0000	73,242	72,400	0	145,642	50.3%	49.7%	0.0%	0.3%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	475	374,941	1,580	4.33	0.0000	13.0977	24,681	0	20,694	45,375	54.4%	0.0%	45.6%	0.1%
STREET LIGHTING SERVICE CLASSIFICATION	kW	29,943	21,533,545	59,945	0.67	0.0000	3.5814	240,742	0	214,687	455,429	52.9%	0.0%	47.1%	0.9%
Total		148,811	2,563,933,257	3,081,367				20,702,279	20,641,903	9,468,352	50,812,534				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	955,333,994		1,774	0.00	$/customer
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	kWh	10,913,731		49	0.00	$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	294,131,394		367	0.0000	kWh
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	967,009,692	2,275,621	533	0.0000	kW
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	89,803,696	195,196	48	0.0000	kW
LARGE USE SERVICE CLASSIFICATION	kW	256,791,117	433,414	42	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	4,636,636		8	0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	226,092	629	3	0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	13,162,249	36,658	26	0.0000	kW
Total		2,592,008,601	2,941,518	$2,849		

If the allocated tax sharing amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is required to transfer the entire OEB-approved tax sharing amount into Account 1595 for disposition at a later date (see Filing Requirements, Appendix B)

Ontario Energy Board

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	0.0071	955,333,994	0	1.0482	1,001,381,093
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0052	955,333,994	0	1.0482	1,001,381,093
Seasonal Residential Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0073	10,913,731	0	1.0482	11,439,773
Seasonal Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0068	10,913,731	0	1.0482	11,439,773
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0064	294,131,394	0	1.0482	308,308,527
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0048	294,131,394	0	1.0482	308,308,527
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.1290	967,009,692	2,275,621		
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.2551	967,009,692	2,275,621		
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.4473	89,803,696	195,196		
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.4767	89,803,696	195,196		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.4473	256,791,117	433,414		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.4767	256,791,117	433,414		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0064	4,636,636	0	1.0482	4,860,122
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0048	4,636,636	0	1.0482	4,860,122
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.9517	226,092	629		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4178	226,092	629		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.0550	13,162,249	36,658		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4816	13,162,249	36,658		

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	225,576.00	$3.71	$ 836,886.96	64,989	$0.94	$ 61,090	233,004	$2.25	$ 524,259	$ 585,349
February	203,723.00	$3.71	$ 755,812.33	57,778	$0.94	$ 54,311	218,036	$2.25	$ 490,581	$ 544,892
March	207,483.00	$3.71	$ 769,761.93	54,777	$0.94	$ 51,490	209,781	$2.25	$ 472,007	$ 523,498
April	185,631.00	$3.71	$ 688,691.01	48,221	$0.94	$ 45,328	186,766	$2.25	$ 420,224	$ 465,551
May	175,678.00	$3.71	$ 651,765.38	46,865	$0.94	$ 44,053	181,258	$2.25	$ 407,831	$ 451,884
June	214,397.00	$3.71	$ 795,412.87	68,737	$0.94	$ 64,613	222,996	$2.25	$ 501,741	$ 566,354
July	253,099.00	$3.83	$ 969,369.17	83,489	$0.96	$ 80,149	267,619	$2.30	$ 615,524	$ 695,673
August	244,568.00	$3.83	$ 936,695.44	72,852	$0.96	$ 69,746	247,658	$2.30	$ 569,613	$ 639,359
September	230,215.00	$3.83	$ 881,723.45	58,518	$0.96	$ 56,177	238,497	$2.30	$ 548,543	$ 604,720
October	202,128.00	$3.83	$ 774,150.24	58,825	$0.96	$ 56,472	208,426	$2.30	$ 479,380	$ 535,852
November	206,721.00	$3.83	$ 791,741.43	57,131	$0.96	$ 54,846	215,817	$2.30	$ 496,379	$ 551,225
December	211,163.00	$3.83	$ 808,754.29	66,313	$0.96	$ 63,660	229,676	$2.30	$ 528,255	$ 591,915
Total	2,560,382	$ 3.77	$ 9,660,765	738,295	$ 0.95	$ 701,936	2,659,534	$ 2.28	$ 6,054,336	$ 6,756,272

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	226,867	$3.1942	$ 724,657	166,975	$0.7710	$ 128,738	228,394	$1.7493	$ 399,529	$ 528,267
February	201,795	$3.1942	$ 644,574	155,456	$0.7710	$ 119,856	201,922	$1.7493	$ 353,221	$ 473,078
March	190,680	$3.1942	$ 609,069	147,223	$0.7710	$ 113,509	193,239	$1.7493	$ 338,033	$ 451,542
April	164,728	$3.1942	$ 526,174	128,360	$0.7710	$ 98,965	170,160	$1.7493	$ 297,661	$ 396,626
May	166,430	$3.1942	$ 531,611	119,637	$0.7710	$ 92,240	168,318	$1.7493	$ 294,438	$ 386,678
June	215,688	$3.1942	$ 688,952	154,136	$0.7710	$ 118,839	216,636	$1.7493	$ 378,961	$ 497,800
July	240,725	$3.2915	$ 792,345	178,531	$0.7877	$ 140,629	245,363	$1.9755	$ 484,714	$ 625,342
August	233,084	$3.2915	$ 767,197	174,462	$0.7877	$ 137,423	234,162	$1.9755	$ 462,587	$ 600,010
September	191,170	$3.2915	$ 629,235	144,063	$0.7877	$ 113,478	198,164	$1.9755	$ 391,472	$ 504,950
October	187,101	$3.2915	$ 615,842	150,211	$0.7877	$ 118,322	189,670	$1.9755	$ 374,693	$ 493,014
November	193,879	$3.2915	$ 638,153	144,067	$0.7877	$ 113,481	194,626	$1.9755	$ 384,483	$ 497,965
December	239,527	$3.2915	$ 788,403	189,125	$0.7877	$ 148,974	241,896	$1.9755	$ 477,866	$ 626,840
Total	2,451,673	$ 3.2452	$ 7,956,213	1,852,244	$ 0.7798	$ 1,444,454	2,482,547	$ 1.8681	$ 4,637,658	$ 6,082,112

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	452,443	$ 3.4514	$ 1,561,544	231,964	$ 0.8183	$ 189,827	461,398	$ 2.0022	$ 923,788	$ 1,113,615
February	405,518	$ 3.4533	$ 1,400,387	213,234	$ 0.8168	$ 174,168	419,958	$ 2.0093	$ 843,802	$ 1,017,970
March	398,163	$ 3.4630	$ 1,378,831	202,000	$ 0.8168	$ 164,999	403,020	$ 2.0099	$ 810,040	$ 975,039
April	350,359	$ 3.4675	$ 1,214,865	176,581	$ 0.8172	$ 144,293	356,926	$ 2.0113	$ 717,884	$ 862,177
May	342,108	$ 3.4591	$ 1,183,377	166,502	$ 0.8186	$ 136,293	349,576	$ 2.0089	$ 702,269	$ 838,562
June	430,085	$ 3.4513	$ 1,484,365	222,873	$ 0.8231	$ 183,452	439,632	$ 2.0033	$ 880,702	$ 1,064,153
July	493,824	$ 3.5675	$ 1,761,714	262,020	$ 0.8426	$ 220,778	512,982	$ 2.1448	$ 1,100,237	$ 1,321,015
August	477,652	$ 3.5672	$ 1,703,892	247,114	$ 0.8384	$ 207,169	481,820	$ 2.1423	$ 1,032,200	$ 1,239,369
September	421,385	$ 3.5857	$ 1,510,959	202,581	$ 0.8375	$ 169,655	436,661	$ 2.1527	$ 940,015	$ 1,109,671
October	389,229	$ 3.5711	$ 1,389,992	209,036	$ 0.8362	$ 174,794	398,096	$ 2.1454	$ 854,072	$ 1,028,866
November	400,600	$ 3.5694	$ 1,429,894	201,198	$ 0.8366	$ 168,327	410,443	$ 2.1461	$ 880,862	$ 1,049,189
December	450,690	$ 3.5438	$ 1,597,157	255,438	$ 0.8324	$ 212,634	471,572	$ 2.1335	$ 1,006,121	$ 1,218,756
Total	5,012,055	$ 3.51	$ 17,616,978	2,590,539	$ 0.83	$ 2,146,390	5,142,081	$ 2.08	$ 10,691,994	$ 12,838,384

Low Voltage Switchgear Credit (if applicable)	$ -
Total including deduction for Low Voltage Switchgear Credit	$ 12,838,384

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	225,576	$ 3.9200	$ 884,258	64,989	$ 0.9700	$ 63,039	233,004	$ 2.3300	$ 542,899	$ 605,939
February	203,723	$ 3.9200	$ 798,594	57,778	$ 0.9700	$ 56,045	218,036	$ 2.3300	$ 508,024	$ 564,069
March	207,483	$ 3.9200	$ 813,333	54,777	$ 0.9700	$ 53,134	209,781	$ 2.3300	$ 488,790	$ 541,923
April	185,631	$ 3.9200	$ 727,674	48,221	$ 0.9700	$ 46,774	186,766	$ 2.3300	$ 435,165	$ 481,939
May	175,678	$ 3.9200	$ 688,658	46,865	$ 0.9700	$ 45,459	181,258	$ 2.3300	$ 422,331	$ 467,790
June	214,397	$ 3.9200	$ 840,436	68,737	$ 0.9700	$ 66,675	222,996	$ 2.3300	$ 519,581	$ 586,256
July	253,099	$ 3.9200	$ 992,148	83,489	$ 0.9700	$ 80,984	267,619	$ 2.3300	$ 623,552	$ 704,537
August	244,568	$ 3.9200	$ 958,707	72,652	$ 0.9700	$ 70,472	247,658	$ 2.3300	$ 577,043	$ 647,516
September	230,215	$ 3.9200	$ 902,443	58,518	$ 0.9700	$ 56,762	238,497	$ 2.3300	$ 555,698	$ 612,460
October	202,128	$ 3.9200	$ 792,342	58,825	$ 0.9700	$ 57,060	208,426	$ 2.3300	$ 485,633	$ 542,693
November	206,721	$ 3.9200	$ 810,346	57,131	$ 0.9700	$ 55,417	215,817	$ 2.3300	$ 502,854	$ 558,271
December	211,163	$ 3.9200	$ 827,759	66,313	$ 0.9700	$ 64,324	229,676	$ 2.3300	$ 535,145	$ 599,469
Total	2,560,382	$ 3.92	$ 10,036,697	738,295	$ 0.97	$ 716,146	2,659,534	$ 2.33	$ 6,196,714	$ 6,912,860

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	226,867	$ 3.3980	$ 770,892	166,975	$ 0.8045	$ 134,331	228,394	$ 2.0194	$ 461,218	$ 595,549
February	201,795	$ 3.3980	$ 685,700	155,456	$ 0.8045	$ 125,064	201,922	$ 2.0194	$ 407,760	$ 532,825
March	190,680	$ 3.3980	$ 647,929	147,223	$ 0.8045	$ 118,441	193,239	$ 2.0194	$ 390,227	$ 508,667
April	164,728	$ 3.3980	$ 559,746	128,360	$ 0.8045	$ 103,265	170,160	$ 2.0194	$ 343,621	$ 446,886
May	166,430	$ 3.3980	$ 565,530	119,637	$ 0.8045	$ 96,248	168,318	$ 2.0194	$ 339,901	$ 436,149
June	215,688	$ 3.3980	$ 732,909	154,136	$ 0.8045	$ 124,003	216,636	$ 2.0194	$ 437,474	$ 561,476
July	240,725	$ 3.3980	$ 817,982	178,531	$ 0.8045	$ 143,628	245,363	$ 2.0194	$ 495,485	$ 639,113
August	233,084	$ 3.3980	$ 792,020	174,462	$ 0.8045	$ 140,354	234,162	$ 2.0194	$ 472,866	$ 613,221
September	191,170	$ 3.3980	$ 649,595	144,063	$ 0.8045	$ 115,898	198,164	$ 2.0194	$ 400,172	$ 516,070
October	187,101	$ 3.3980	$ 635,768	150,211	$ 0.8045	$ 120,845	189,670	$ 2.0194	$ 383,019	$ 503,864
November	193,879	$ 3.3980	$ 658,801	144,067	$ 0.8045	$ 115,902	194,626	$ 2.0194	$ 393,027	$ 508,929
December	239,527	$ 3.3980	$ 813,913	189,125	$ 0.8045	$ 152,151	241,896	$ 2.0194	$ 488,486	$ 640,637
Total	2,451,673	$ 3.40	$ 8,330,786	1,852,244	$ 0.80	$ 1,490,131	2,482,547	$ 2.02	$ 5,013,256	$ 6,503,387

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	452,443	$ 3.6583	$ 1,655,150	231,964	$ 0.8509	$ 197,371	461,398	$ 2.1763	$ 1,004,117	$ 1,201,488
February	405,518	$ 3.6602	$ 1,484,294	213,234	$ 0.8493	$ 181,109	419,958	$ 2.1807	$ 915,784	$ 1,096,893
March	398,163	$ 3.6700	$ 1,461,263	202,000	$ 0.8494	$ 171,574	403,020	$ 2.1811	$ 879,016	$ 1,050,591
April	350,359	$ 3.6746	$ 1,287,419	176,581	$ 0.8497	$ 150,040	356,926	$ 2.1819	$ 778,786	$ 928,826
May	342,108	$ 3.6661	$ 1,254,187	166,502	$ 0.8511	$ 141,707	349,576	$ 2.1804	$ 762,232	$ 903,939
June	430,085	$ 3.6582	$ 1,573,346	222,873	$ 0.8555	$ 190,678	439,632	$ 2.1769	$ 957,054	$ 1,147,732
July	493,824	$ 3.6655	$ 1,810,130	262,020	$ 0.8572	$ 224,612	512,982	$ 2.1814	$ 1,119,037	$ 1,343,650
August	477,652	$ 3.6653	$ 1,750,727	247,114	$ 0.8532	$ 210,827	481,820	$ 2.1791	$ 1,049,910	$ 1,260,736
September	421,385	$ 3.6832	$ 1,552,038	202,581	$ 0.8523	$ 172,661	436,661	$ 2.1890	$ 955,870	$ 1,128,530
October	389,229	$ 3.6691	$ 1,428,110	209,036	$ 0.8511	$ 177,905	398,096	$ 2.1820	$ 868,652	$ 1,046,557
November	400,600	$ 3.6674	$ 1,469,147	201,198	$ 0.8515	$ 171,319	410,443	$ 2.1827	$ 895,881	$ 1,067,200
December	450,690	$ 3.6426	$ 1,641,672	255,438	$ 0.8475	$ 216,475	471,572	$ 2.1707	$ 1,023,631	$ 1,240,106
Total	5,012,055	$ 3.66	$ 18,367,484	2,590,539	$ 0.85	$ 2,206,277	5,142,081	$ 2.18	$ 11,209,970	$ 13,416,247

Low Voltage Switchgear Credit (if applicable)	$ -
Total including deduction for Low Voltage Switchgear Credit	$ 13,416,247

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	225,576	$ 3.9200	$ 884,258	64,989	$ 0.9700	$ 63,039	233,004	$ 2.3300	$ 542,899	$ 605,939
February	203,723	$ 3.9200	$ 798,594	57,778	$ 0.9700	$ 56,045	218,036	$ 2.3300	$ 508,024	$ 564,069
March	207,483	$ 3.9200	$ 813,333	54,777	$ 0.9700	$ 53,134	209,781	$ 2.3300	$ 488,790	$ 541,923
April	185,631	$ 3.9200	$ 727,674	48,221	$ 0.9700	$ 46,774	186,766	$ 2.3300	$ 435,165	$ 481,939
May	175,678	$ 3.9200	$ 688,658	46,865	$ 0.9700	$ 45,459	181,258	$ 2.3300	$ 422,331	$ 467,790
June	214,397	$ 3.9200	$ 840,436	68,737	$ 0.9700	$ 66,675	222,996	$ 2.3300	$ 519,581	$ 586,256
July	253,099	$ 3.9200	$ 992,148	83,489	$ 0.9700	$ 80,984	267,619	$ 2.3300	$ 623,552	$ 704,537
August	244,568	$ 3.9200	$ 958,707	72,652	$ 0.9700	$ 70,472	247,658	$ 2.3300	$ 577,043	$ 647,516
September	230,215	$ 3.9200	$ 902,443	58,518	$ 0.9700	$ 56,762	238,497	$ 2.3300	$ 555,698	$ 612,460
October	202,128	$ 3.9200	$ 792,342	58,825	$ 0.9700	$ 57,060	208,426	$ 2.3300	$ 485,633	$ 542,693
November	206,721	$ 3.9200	$ 810,346	57,131	$ 0.9700	$ 55,417	215,817	$ 2.3300	$ 502,854	$ 558,271
December	211,163	$ 3.9200	$ 827,759	66,313	$ 0.9700	$ 64,324	229,676	$ 2.3300	$ 535,145	$ 599,469
Total	2,560,382	$ 3.92	$ 10,036,697	738,295	$ 0.97	$ 716,146	2,659,534	$ 2.33	$ 6,196,714	$ 6,912,860

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	226,867	$ 3.3980	$ 770,892	166,975	$ 0.8045	$ 134,331	228,394	$ 2.0194	$ 461,218	$ 595,549
February	201,795	$ 3.3980	$ 685,700	155,456	$ 0.8045	$ 125,064	201,922	$ 2.0194	$ 407,760	$ 532,825
March	190,680	$ 3.3980	$ 647,929	147,223	$ 0.8045	$ 118,441	193,239	$ 2.0194	$ 390,227	$ 508,667
April	164,728	$ 3.3980	$ 559,746	128,360	$ 0.8045	$ 103,265	170,160	$ 2.0194	$ 343,621	$ 446,886
May	166,430	$ 3.3980	$ 565,530	119,637	$ 0.8045	$ 96,248	168,318	$ 2.0194	$ 339,901	$ 436,149
June	215,688	$ 3.3980	$ 732,909	154,136	$ 0.8045	$ 124,003	216,636	$ 2.0194	$ 437,474	$ 561,476
July	240,725	$ 3.3980	$ 817,982	178,531	$ 0.8045	$ 143,628	245,363	$ 2.0194	$ 495,485	$ 639,113
August	233,084	$ 3.3980	$ 792,020	174,462	$ 0.8045	$ 140,354	234,162	$ 2.0194	$ 472,866	$ 613,221
September	191,170	$ 3.3980	$ 649,595	144,063	$ 0.8045	$ 115,898	198,164	$ 2.0194	$ 400,172	$ 516,070
October	187,101	$ 3.3980	$ 635,768	150,211	$ 0.8045	$ 120,845	189,670	$ 2.0194	$ 383,019	$ 503,864
November	193,879	$ 3.3980	$ 658,801	144,067	$ 0.8045	$ 115,902	194,626	$ 2.0194	$ 393,027	$ 508,929
December	239,527	$ 3.3980	$ 813,913	189,125	$ 0.8045	$ 152,151	241,896	$ 2.0194	$ 488,486	$ 640,637
Total	2,451,673	$ 3.40	$ 8,330,786	1,852,244	$ 0.80	$ 1,490,131	2,482,547	$ 2.02	$ 5,013,256	$ 6,503,387

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	452,443	$ 3.66	$ 1,655,150	231,964	$ 0.85	$ 197,371	461,398	$ 2.18	$ 1,004,117	$ 1,201,488
February	405,518	$ 3.66	$ 1,484,294	213,234	$ 0.85	$ 181,109	419,958	$ 2.18	$ 915,784	$ 1,096,893
March	398,163	$ 3.67	$ 1,461,263	202,000	$ 0.85	$ 171,574	403,020	$ 2.18	$ 879,016	$ 1,050,591
April	350,359	$ 3.67	$ 1,287,419	176,581	$ 0.85	$ 150,040	356,926	$ 2.18	$ 778,786	$ 928,826
May	342,108	$ 3.67	$ 1,254,187	166,502	$ 0.85	$ 141,707	349,576	$ 2.18	$ 762,232	$ 903,939
June	430,085	$ 3.66	$ 1,573,346	222,873	$ 0.86	$ 190,678	439,632	$ 2.18	$ 957,054	$ 1,147,732
July	493,824	$ 3.67	$ 1,810,130	262,020	$ 0.86	$ 224,612	512,982	$ 2.18	$ 1,119,037	$ 1,343,650
August	477,652	$ 3.67	$ 1,750,727	247,114	$ 0.85	$ 210,827	481,820	$ 2.18	$ 1,049,910	$ 1,260,736
September	421,385	$ 3.68	$ 1,552,038	202,581	$ 0.85	$ 172,661	436,661	$ 2.19	$ 955,870	$ 1,128,530
October	389,229	$ 3.67	$ 1,428,110	209,036	$ 0.85	$ 177,905	398,096	$ 2.18	$ 868,652	$ 1,046,557
November	400,600	$ 3.67	$ 1,469,147	201,198	$ 0.85	$ 171,319	410,443	$ 2.18	$ 895,881	$ 1,067,200
December	450,690	$ 3.64	$ 1,641,672	255,438	$ 0.85	$ 216,475	471,572	$ 2.17	$ 1,023,631	$ 1,240,106
Total	5,012,055	$ 3.66	$ 18,367,484	2,590,539	$ 0.85	$ 2,206,277	5,142,081	$ 2.18	$ 11,209,970	$ 13,416,247

Low Voltage Switchgear Credit (if applicable)	$ -
Total including deduction for Low Voltage Switchgear Credit	$ 13,416,247

Ontario Energy Board

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	0.0071	1,001,381,093	0	7,109,806	38.3%	7,035,459	0.0070
Seasonal Residential Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0073	11,439,773	0	83,510	0.4%	82,637	0.0072
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0064	308,308,527	0	1,973,175	10.6%	1,952,541	0.0063
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.1290		2,275,621	7,120,418	38.4%	7,045,960	3.0963
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.4473		195,196	672,899	3.6%	665,863	3.4113
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.4473		433,414	1,494,108	8.0%	1,478,484	3.4113
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0064	4,860,122	0	31,105	0.2%	30,780	0.0063
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.9517		629	1,228	0.0%	1,215	1.9313
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.0550		36,658	75,332	0.4%	74,544	2.0335

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	0.0052	1,001,381,093	0	5,207,182	38.5%	5,162,633	0.0052
Seasonal Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0068	11,439,773	0	77,790	0.6%	77,125	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0048	308,308,527	0	1,479,881	10.9%	1,467,220	0.0048
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.2551		2,275,621	5,131,753	37.9%	5,087,849	2.2358
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.4767		195,196	483,442	3.6%	479,306	2.4555
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.4767		433,414	1,073,436	7.9%	1,064,253	2.4555
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0048	4,860,122	0	23,329	0.2%	23,129	0.0048
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4178		629	892	0.0%	884	1.4057
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4816		36,658	54,312	0.4%	53,848	1.4689

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	0.0070	1,001,381,093	0	7,035,459	38.3%	7,035,459	**0.0070**
Seasonal Residential Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0072	11,439,773	0	82,637	0.4%	82,637	**0.0072**
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0063	308,308,527	0	1,952,541	10.6%	1,952,541	**0.0063**
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.0963		2,275,621	7,045,961	38.4%	7,045,960	**3.0963**
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.4113		195,196	665,863	3.6%	665,863	**3.4113**
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.4113		433,414	1,478,484	8.0%	1,478,484	**3.4113**
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0063	4,860,122	0	30,780	0.2%	30,780	**0.0063**
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.9313		629	1,215	0.0%	1,215	**1.9313**
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.0335		36,658	74,544	0.4%	74,544	**2.0335**

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	0.0052	1,001,381,093	0	5,162,633	38.5%	5,162,633	**0.0052**
Seasonal Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0067	11,439,773	0	77,125	0.6%	77,125	**0.0067**
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0048	308,308,527	0	1,467,220	10.9%	1,467,220	**0.0048**
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.2358		2,275,621	5,087,849	37.9%	5,087,849	**2.2358**
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.4555		195,196	479,306	3.6%	479,306	**2.4555**
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.4555		433,414	1,064,253	7.9%	1,064,253	**2.4555**
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0048	4,860,122	0	23,129	0.2%	23,129	**0.0048**
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4057		629	884	0.0%	884	**1.4057**
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4689		36,658	53,848	0.4%	53,848	**1.4689**

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	III	**Price Cap Index**	**1.70%**
Associated Stretch Factor Value	**0.30%**		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	27.07				1.70%	27.53	0.0000
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	49.45				1.70%	50.29	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	17.54		0.0177		1.70%	17.84	0.0180
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	112.13		3.4595		1.70%	114.04	3.5183
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	5892.34		2.1918		1.70%	5,992.51	2.2291
LARGE USE SERVICE CLASSIFICATION	8851.48		3.0868		1.70%	9,001.96	3.1393
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	7.15		0.0176		1.70%	7.27	0.0179
SENTINEL LIGHTING SERVICE CLASSIFICATION	4.71		14.2508		1.70%	4.79	14.4931
STREET LIGHTING SERVICE CLASSIFICATION	0.73		3.8967		1.70%	0.74	3.9629
microFIT SERVICE CLASSIFICATION	4.55					4.55	

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

Ontario Energy Board

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

		June 1, 2020
	$/kWh	0.1280
	$/kWh	0.1280
	$/kWh	0.1280

	$	0.57
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)	$	2.04	2.00%	2.08

* 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 Recovery of (year) Foregone Revenue	$	0.30	- effective until	December 31 2021	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
Rate Rider for Rate Year Alignment	$	-0.46	- effective until	April 30 2021	A
			- effective until		
			- effective until		

SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
Rate Rider for Recovery of (year) Foregone Revenue	$	2.84	- effective until	December 31 2021	A
Rate Rider for Recovery of (year) Foregone Revenue	$/kWh	-0.0047	- effective until	December 31 2021	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
Rate Rider for Rate Year Alignment	$	-0.84	- effective until	April 30 2021	A
			- 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 Recovery of (year) Foregone Revenue	$	0.19	- effective until	December 31 2021	A
Rate Rider for Recovery of (year) Foregone Revenue	$/kWh	0.0002	- effective until	December 31 2021	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
Rate Rider for Rate Year Alignment	$	-0.30	- effective until	April 30 2021	A
Rate Rider for Rate Year Alignment	$/kWh	-0.0003	- effective until	April 30 2021	A
			- effective until		

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
Rate Rider for Recovery of (year) Foregone Revenue	$	1.24	- effective until	December 31 2021	A
Rate Rider for Recovery of (year) Foregone Revenue	$/kW	0.0383	- effective until	December 31 2021	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
Rate Rider for Rate Year Alignment	$	-1.91	- effective until	April 30 2021	A
Rate Rider for Rate Year Alignment	$/kW	-0.0588	- effective until	April 30 2021	A
			- effective until		

GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
Rate Rider for Recovery of (year) Foregone Revenue	$	65.67	- effective until	December 31 2021	A
Rate Rider for Recovery of (year) Foregone Revenue	$/kW	0.0248	- effective until	December 31 2021	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
Rate Rider for Rate Year Alignment	$	-100.17	- effective until	April 30 2021	A
Rate Rider for Rate Year Alignment	$/kW	-0.0373	- effective until	April 30 2021	A
			- effective until		

LARGE USE SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
Rate Rider for Recovery of (year) Foregone Revenue	$	98.64	- effective until	December 31 2021	A
Rate Rider for Recovery of (year) Foregone Revenue	$/kW	0.0271	- effective until	December 31 2021	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
Rate Rider for Rate Year Alignment	$	-150.48	- effective until	April 30 2021	A
Rate Rider for Rate Year Alignment	$/kW	-0.0525	- effective until	April 30 2021	A
			- effective until		

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
Rate Rider for Recovery of (year) Foregone Revenue	$	0.08	- effective until	December 31 2021	A
Rate Rider for Recovery of (year) Foregone Revenue	$/kWh	0.0002	- effective until	December 31 2021	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
Rate Rider for Rate Year Alignment	$	-0.12	- effective until	April 30 2021	A
Rate Rider for Rate Year Alignment	$/kWh	-0.0003	- effective until	April 30 2021	A
			- 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
			- effective until	December 31 2021	
			- effective until	December 31 2021	
			- 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 Recovery of (year) Foregone Revenue	$	0.01	- effective until	December 31 2021	A
Rate Rider for Recovery of (year) Foregone Revenue	$/kW	0.0577	- effective until	December 31 2021	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
Rate Rider for Rate Year Alignment	$	-0.01	- effective until	April 30 2021	A
Rate Rider for Rate Year Alignment	$/kW	-0.0662	- effective until	April 30 2021	A
			- effective until		

APPENDIX F:

GA ANALYSIS WORK FORM

Ontario Energy Board

GA Analysis Workform

Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells
Drop down cells

Utility Name ELEXICON ENERGY INC.-VERIDIAN RATE ZONE

Note 1

For Account 1589,

a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis. 2017

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 diposition 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
2018	$ (1,310,067)	$ (1,769,493)	$ 597,153	$ (1,172,339)	$ 137,728	$ 70,918,333	0.2%
2019	$ 1,658,068	$ 2,531,513	$ (772,233)	$ 1,759,280	$ 101,211	$ 79,610,356	0.1%
Cumulative Balance	**$ 348,001**	**$ 762,020**	**$ (175,080)**	**$ 586,940**	**$ 238,939**	**$ 150,528,689**	**N/A**

Ontario Energy Board

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	2,604,326,603	kWh	100%
RPP	A	1,292,705,429	kWh	49.6%
Non RPP	B = D+E	1,311,621,174	kWh	50.4%
Non-RPP Class A	D	566,953,030	kWh	21.8%
Non-RPP Class B*	E	744,668,144	kWh	28.6%

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

Note 3 **GA Billing Rate**

GA is billed on the 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 paticular 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	70,278,166	69,195,223	72,193,029	73,275,972	0.08777	$ 6,431,432	0.06736	$ 4,935,869	$ (1,495,563)
February	66,341,005	72,193,029	65,568,004	59,715,980	0.07333	$ 4,378,973	0.08167	$ 4,877,004	$ 498,031
March	64,277,352	65,568,004	63,488,948	62,198,296	0.07877	$ 4,899,360	0.09481	$ 5,897,020	$ 997,661
April	64,979,199	63,488,948	63,165,654	64,655,905	0.09810	$ 6,342,744	0.09959	$ 6,439,082	$ 96,337
May	61,920,438	63,165,654	61,360,677	60,115,461	0.09392	$ 5,646,044	0.10793	$ 6,488,262	$ 842,218
June	61,949,311	61,360,677	64,039,182	64,627,816	0.13336	$ 8,618,766	0.11896	$ 7,688,125	$ (930,641)
July	64,288,681	64,039,182	66,203,549	66,453,048	0.08502	$ 5,649,838	0.07737	$ 5,141,472	$ (508,366)
August	69,367,317	66,203,549	69,432,232	72,596,000	0.07790	$ 5,655,228	0.07490	$ 5,437,440	$ (217,788)
September	68,867,834	69,432,232	66,604,036	66,039,638	0.08424	$ 5,563,179	0.08584	$ 5,668,843	$ 105,663
October	65,586,192	66,604,036	62,773,901	61,756,057	0.08921	$ 5,509,258	0.12059	$ 7,447,163	$ 1,937,905
November	62,634,867	62,773,901	64,705,178	64,566,144	0.12235	$ 7,899,668	0.09855	$ 6,362,993	$ (1,536,674)
December	59,994,734	64,705,178	65,961,919	61,251,475	0.09198	$ 5,633,911	0.07404	$ 4,535,059	$ (1,098,851)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	**780,485,096**	**788,729,613**	**785,496,309**	**777,251,792**		**$ 72,228,400**		**$ 70,918,333**	**$ (1,310,067)**

Calculated Loss Factor	**1.0438**
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0482
Difference	**-0.0044**

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

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

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments	
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)		**-$ 1,769,493**		**Principal Adjustment on DVA Continuity Schedule**	**If "no", please provide an explanation**
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year				
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year				
2a	Remove prior year end unbilled to actual revenue differences	$ 574,821	2017 Unbilled understated. Adjusted in 2019 IRM. DR to remove from 2018 balance.	Yes	
2b	Add current year end unbilled to actual revenue differences	$ 22,333	2018 Unbilled overstated. DR to remove from 2018 balance.	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				
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	$	(1,172,339)
Net Change in Expected GA Balance in the Year Per Analysis	$	(1,310,067)
Unresolved Difference	$	137,728
Unresolved Difference as % of Expected GA Payments to IESO		0.2%

Ontario Energy Board

GA Analysis Workform

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

Year		2019		
Total Metered excluding WMP	C = A+B	2,556,795,701	kWh	100%
RPP	A	1,278,115,109	kWh	50.0%
Non RPP	B = D+E	1,278,680,592	kWh	50.0%
Non-RPP Class A	D	589,509,929	kWh	23.1%
Non-RPP Class B*	E	689,170,663	kWh	27.0%

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

Note 3 **GA Billing Rate**

GA is billed on the 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 paticular 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	69,700,202			69,700,202	0.06741	$ 4,698,491	0.08092	$ 5,640,140	$ 941,650
February	61,355,981			61,355,981	0.09657	$ 5,925,147	0.08812	$ 5,406,689	$ (518,458)
March	66,516,906			66,516,906	0.08105	$ 5,391,195	0.08041	$ 5,348,624	$ (42,571)
April	59,560,437			59,560,437	0.08129	$ 4,841,668	0.12333	$ 7,345,589	$ 2,503,921
May	58,135,918			58,135,918	0.12860	$ 7,476,279	0.12604	$ 7,327,451	$ (148,828)
June	58,450,528			58,450,528	0.12444	$ 7,273,584	0.13728	$ 8,024,088	$ 750,505
July	65,274,139			65,274,139	0.13527	$ 8,829,633	0.09645	$ 6,295,691	$ (2,533,942)
August	63,689,140			63,689,140	0.07211	$ 4,592,624	0.12607	$ 8,029,290	$ 3,436,666
September	56,490,774			56,490,774	0.12934	$ 7,306,517	0.12263	$ 6,927,464	$ (379,053)
October	56,242,227			56,242,227	0.17878	$ 10,054,985	0.13680	$ 7,693,937	$ (2,361,049)
November	58,613,580			58,613,580	0.10727	$ 6,287,479	0.09953	$ 5,833,810	$ (453,669)
December	61,555,447			61,555,447	0.08569	$ 5,274,686	0.09321	$ 5,737,583	$ 462,897
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	**735,585,279**	**-**	**-**	**735,585,279**		**$ 77,952,287**		**$ 79,610,356**	**$ 1,658,068**

Calculated Loss Factor	**1.0673**
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0482
Difference	**0.0191**

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%

Difference due to items 2b and 10 below

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments	
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)		$ 2,531,513		**Principal Adjustment on DVA Continuity Schedule**	**If "no", please provide an explanation**
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year				
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year				
2a	Remove prior year end unbilled to actual revenue differences	$ (22,333)		Yes	
2b	Add current year end unbilled to actual revenue differences	$ (813,370)	Unbilled understated due to timing of interval customers requesting switches between HOEP and RPP and variance in estimated consumption from historical data	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	$ 317,409	Note 4 picks up Retail Billing for both GA Revenue and Cost. Cost should be adjusted for UFE as per the	No	Reconciliation to Note 4 calculation which
7			OEB Accounting Guidance. The expected GA variance should be reflected as Revenue (retail kWh x 1st		is inconsistent to Accounting Guidance
8			estimate) and Cost (retail+UFE kWh x actual GA rate) to align with the GL.		
9					
10	Significant prior period billing adjustment recorded in 2020	$ (253,940)	Account setup in the CIS system delayed until 2020 due to complexities of a new bulk to suite meter project.	Yes	

Note 6

Adjusted Net Change in Principal Balance in the GL	$ 1,759,280
Net Change in Expected GA Balance in the Year Per Analysis	$ 1,658,068
Unresolved Difference	$ 101,211
Unresolved Difference as % of Expected GA Payments to IESO	0.1%

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GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

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

Account 1589 - RSVA Global Adjustment

	Adjustment Description	Amount	To be reversed in current application?	Explanation if not to be reversed in current application
1	Unbilled difference	(574,821)	Yes	
2				
3				
4				
5				
6				
7				
8				
	Total	(574,821)		
	Total principal adjustments included in last approved balance			
	Difference	(574,821)		

Account 1588 - RSVA Power

	Adjustment Description	Amount	To be Reversed in Current Application?
1	Unbilled difference	(769,739)	Yes
2			
3			
4			
5			
6			
7			
8			
	Total	(769,739)	
	Total principal adjustments included in last approved balance		
	Difference	(769,739)	

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
2018	*Reversals of prior approved principal adjustments (auto-populated from table above)*			
	1	Unbilled difference	574,820.66	2018
	2			
	3			
	4			
	5			
	6			
	7			
	8			
		Total Reversal Principal Adjustments	574,821	
2018	*Current year principal adjustments*			
	1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	-	
	2	Unbilled to actual revenue differences	22,333	2019
	3			
	4			
	5			
	6			
	7			
	8			
		Total Current Year Principal Adjustments	22,333	
		Total Principal Adjustments to be Included on DVA Continuity Schedule	597,153	

Account 1588 - RSVA Power

Year		Adjustment Description	Amount	Year Recorded in GL
2018	*Reversals of prior approved principal adjustments (auto-populated from table above)*			
	1	Unbilled difference	769,739.00	2018
	2			
	3			
	4			
	5			
	6			
	7			
	8			
		Total Reversal Principal Adjustments	769,739	
2018	*Current year principal adjustments*			
	1	CT 148 true-up of GA Charges based on actual RPP volumes		
	2	CT 1142 true-up based on actuals		
	3	Unbilled to actual revenue differences	(224,586)	2019
	4			
	5			
	6			
	7			
	8			
		Total Current Year Principal Adjustments	(224,586)	
		Total Principal Adjustments to be Included on DVA Continuity Schedule	545,153	

Year		Account 1589 - RSVA Global Adjustment Adjustment Description	Amount	Year Recorded in GL
2019	*Reversals of prior year principal adjustments*			
	1	Reversal of prior year CT-148 true-up of GA Charges based on actual Non-RPP volumes		
	2	Reversal of Unbilled to actual revenue differences	(22,333)	2019
	3			
	4			
	5			
	6			
	7			
	8			
		Total Reversal Principal Adjustments	(22,333)	
2019	*Current year principal adjustments*			
	1	CT 148 true-up of GA Charges based on actual Non-RPP volumes		
	2	Unbilled to actual revenue differences	(813,370)	2020
	3	Significant prior period billing adjustment recorded in 2020	(253,940)	2020
	4			
	5			
	6			
	7			
	8			
		Total Current Year Principal Adjustments	(1,067,310)	
		Total Principal Adjustments to be Included on DVA Continuity Schedule	(1,089,642)	

Year		Account 1588 - RSVA Power Adjustment Description	Amount	Year Recorded in GL
2019	*Reversals of prior year principal adjustments*			
	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	224,586	2019
	4			
	5			
	6			
	7			
	8			
		Total Reversal Principal Adjustments	224,586	
2019	*Current year principal adjustments*			
	1	CT 148 true-up of GA Charges based on actual RPP volumes		
	2	CT 1142 true-up based on actuals		
	3	Unbilled to actual revenue differences	(677,864)	2020
	4			
	5			
	6			
	7			
	8			
		Total Current Year Principal Adjustments	(677,864)	
		Total Principal Adjustments to be Included on DVA Continuity Schedule	(453,278)	

APPENDIX G:

ACCOUNT 1595 ANALYSIS WORK FORM

Instruction Sheet

Summary of Changes from the Prior Year
Criteria for Disposition Eligibility The criteria for disposition eligibility has been revised to the following: Distributors only become eligible to seek disposition of these residual balances two years after the expiry of the rate rider (i.e. in the fourth rate year after the expiry of the rate rider). For example: • January 1 rate year – If 2018 rate riders end on December 31, 2018, the balance of sub-account 1595 (2018) is eligible to be disposed once the December 31, 2020 account balance has been audited. Therefore, sub-account 1595 (2018) would be eligible for disposition in the 2022 rate year. • May 1 rate year – If 2018 rate riders end on April 30, 2019, the balance of sub-account 1595 (2018) is eligible to be disposed once the December 31, 2021 account balance has been audited. Therefore, sub-account 1595 (2018) would be eligible for disposition in the 2023 rate year. Note that applicants are expected to request disposition of residual balances in Account 1595 Sub-accounts on a final basis, only once, for each vintage Sub-account.

Account 1595 Workform Instructions

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

In the Information Sheet,

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

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

a. In each worksheet generated for 2014 and prior years, indicate the year for which the worksheet relates to in cell C11. For example, enter 2010 and 2012 for the example above.

b. Note that for DVA Continuity Schedule purposes, a separate schedule with amounts broken down by each vintage year 2014 and prior is to be provided, with the total reconciling to the amount in row for 1595 (2014 and pre-2014). The amounts in the 1595 worksheets for 2014 and pre-2014 years are expected to agree to the amounts on the separate schedule for 2014 and pre-2014 1595 vintage years provided to support the 1595 (2014 and pre-2014) balance in the DVA Continuity Schedule.

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1595 Analysis Workform

Account 1595 Analysis Workform

Input cells
Drop down cells

Utility Name Elexicon Energy Inc.-Veridian Rate Zone

Utility name must be selected

	Eligible for disposition?
2014 and pre-2014	No
2015	No
2016	No
2017	Yes
2018	No
2019	No

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

Version 1.0

Ontario Energy Board

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		-$4,767,992	-$172,431	-$4,940,423	-$4,848,472	-$91,951	-$36,398	**-$128,348**	**1.9%**
Account 1589 - Global Adjustment		$4,852,571	$5,136	$4,857,707	$5,106,898	-$249,191	-$8,509	**-$257,700**	**-5.1%**
Total Group 1 and Group 2 Balances		$84,579	-$167,295	-$82,716	$258,426	-$341,141	-$44,907	**-$386,048**	**412.4%**
							Total residual balance per continuity schedule:	-$386,048	
							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.

Additional Notes and Comments

APPENDIX H:

RATE YEAR ALIGNMENT

RATE YEAR ALIGNMENT TO JANUARY 1, 2021

BACKGROUND:

Historically, electricity distributors typically had rates implemented on January 1 under regulation by Ontario Hydro. When the Ontario Energy Board took over as the industry regulator, the effective date for rate changes moved to March 1. The date was subsequently moved to April 1 and then to May 1 with the introduction of the Regulated Price Plan ("RPP") in 2005.

In 2009, Enersource Hydro Mississauga Inc. ("Enersource") sought approval for rates to be set based on an effective date of January 1, 2010 rather than May 1, 2010 (EB-2009-0193). The primary argument put forward by Enersource was that by aligning its fiscal year and rate year, it would better align the actual return with the Board-approved rate of return. In addition, through this alignment, it would remove complexities for Enersource, as a reporting issuer, to explain the financial implications of the misalignment to the investment community. While the OEB accepted the argument that aligning the rate year with the fiscal year had merit, it wanted to examine the implications more fully through a consultation process (EB-2009-0423) which was initiated January 21, 2010 ("Alignment Consultation"). A number of stakeholders as well as electricity distributors participated. After some consideration, the OEB issued a letter on April 15, 2010 which concluded:

> *…it is appropriate to **consider the merits** of an alignment of the rate year with the fiscal year for a distributor **on a case-by-case basis** upon receipt of an application for that purpose. **Such an application shall form part of a distributor's Cost of Service rate application** […] The Board expects the distributor to include an **analysis of the benefits and ratemaking implications**, if any, of the alignment as part of its application.*" (emphasis added)

A number of years have passed since the Alignment Consultation. During that time, a large number of electricity distributors have shifted to a January 1 rate year during a cost of service application. Over recent years, the OEB has also provided a regulatory framework which has encouraged electricity distributor shareholders to examine the benefits of mergers and acquisitions. The OEB's *Handbook to Electricity Distributor and Transmitter Consolidations ("Handbook")* and the 2015 *Report of the Board Rate-Making Associated with Distributor Consolidation* (EB-2014-0138) (the "MAADs Policy") permits electricity distributors to defer rebasing for up to ten years As a result, the industry has seen a reduction in the number of electricity distributors due to mergers and acquisitions taking place. A combination of these factors, specifically the increase of electricity distributors with a January 1 rate year (while others maintaining May 1), combined with an increased level of mergers or acquisitions, has created new reasons to consider a request to realign the rate year outside of a cost of service.

Specifically, in the instance where consolidated distributors are the subject of a lengthy cost of service deferral and have multiple rate zones with different rate years, rate year realignment should be permitted outside of a normal cost of service.

OVERVIEW:

FACTS:

On December 20, 2018, the Board issued its Decision and Order (EB-2018-0236)[1] granting approval for the amalgamation of Veridian Connections Inc. ("Veridian") and Whitby Hydro Electric Corporation ("Whitby Hydro") (collectively, the "MAADs Applicants"). Veridian and Whitby Hydro selected a ten year deferred rebasing period and Veridian and Whitby Hydro service areas will continue to have rates adjusted under Price Cap IR Index and Annual IR Index, respectively. The OEB found that this was consistent with the approach of the Handbook.[2]

During the interrogatory phase of the merger, acquisition, amalgamation and divestiture ("MAAD") proceeding (EB-2018-0236), Board Staff in Interrogatory Staff 26(f) asked the MAADs Applicants if they intend on aligning the effective rate year dates of Veridian and Whitby Hydro rate zones prior to rebasing. In response, the Applicants indicated that they would consider the need or benefit of aligning the rate years during the ten year deferral period and may file an application with the OEB in that regard.

The amalgamation transaction was completed on April 1, 2019 and Veridian and Whitby Hydro formed the new amalgamated entity, Elexicon Energy Inc. ("Elexicon"). Elexicon's service area contains Veridian Rate Zone ("EV") and Whitby Rate Zone ("EW"). Prior to the amalgamation, Veridian had a rate year effective May 1 and Whitby Hydro had a rate year effective January 1.

Elexicon filed an EW 2020 Annual IR Index Distribution Rate Application (EB-2019-0130) on August 12, 2019 for rates effective January 1, 2020 and an EV 2020 Price Cap IR Distribution Rate Application (EB-2019-0252) on October 15, 2019 for rates effective May 1, 2020. Both applications were approved by the Board. The Decision for the EV application included an option to postpone implementation of its new rates until November 1, 2020 due to the uncertainty of the COVID-19 situation.

On April 21, 2020, Elexicon wrote to the OEB seeking authorization to postpone the implementation of its new rates for EV to at least November 1, 2020, with a possibility of extending the postponement past that date. Elexicon explained that it wished to determine the best options available to minimize rate impacts to

[1] EB-2018-0236 Decision and Order dated December 20, 2018 (amended February 11, 2020).
[2] Ibid at page 18.

customers given that it intends to propose alignment of EV to a common rate year in January, 2021 (similar to EW). The Board accepted Elexicon's proposal and issued a Vary Order[3].

On August 12, 2020, Elexicon filed a letter in response to the OEB's *Accounting Order and Guidance for Forgone Revenue from Postponing Rate Implementation Related to the COVID-19 Emergency* ("Forgone Revenue Guidance"). As required for any alternate treatment from the Forgone Revenue Guidance (which assumes a rate deferral until November 1, 2020), Elexicon requested that the OEB permit an extension of the deferral of May 1, 2020 rates for EV as follows:

- Extend the deferral of its 2020 rates to December 31, 2020
- Implement a forgone revenue rate rider effective January 1, 2020
- Incorporate the forgone revenue application into Elexicon's EV 2021 IRM rate application process (EB-2020-0013)

This approach was intended to align the process and rate riders with the request to approve a January 1, 2021 rate year for EV.

Elexicon further reviewed the OEB's letter on July 14, 2020 regarding the rate application process and reconfirmed with the OEB on July 29, 2020, that it intended to request a realignment of EV's rate year to January 1, 2021 and would provide support in its 2021 IRM application for the OEB's consideration.

In all of its correspondence, Elexicon identified that aligning the rate year of its two rate zones would have a number of benefits for its customers, the OEB as well as for Elexicon and that these would be further outlined in the 2021 rate application. Elexicon also identified that it would propose an approach which would limit financial impacts to its customers from advancing the rate year to January 1 in the transition year.

RATIONALE FOR PROPOSED RATE YEAR CHANGE

Elexicon is mindful of the OEB's Alignment Consultation. However, as outlined, the electricity industry and its regulatory environment have gone through a number of changes since 2009, and those changes clearly introduce new elements which were not previously contemplated during the Alignment Consultation. Some of these include:

- Acceptance and OEB approval of a January 1 rate year for many electricity distributors based on individual application requests during a cost of service

[3] EB-2019-0252 – Vary Order dated April 28, 2020.

- Recognition and acceptance of differing rate years of either January 1 or May 1 across the industry
- A regulatory framework which encouraged electricity distributor shareholders to examine the benefits of mergers and acquisitions
- Reduced numbers of electricity distributors due to mergers and acquisitions

All of these changes have created a new scenario whereby mergers or acquisitions could result in a single electricity distributor having varying rate years across its multiple rate zones. This is an entirely new dynamic that was not considered when the Alignment Consultation took place.

In addition, another element that has become more common is that electricity distributors are permitted to choose longer cost of service deferral periods (up to ten years). This was also not part of the regulatory landscape during the Alignment Consultation. The OEB's relevant policies and guidelines include

- Rate-Making Policies Associated with Distributor Consolidation (Board File No.: EB-2007-0028) ("MAADs Policy 2007")
- Report of the Board Rate-Making Associated with Distributor Consolidation (Board File No.: EB-2014-0138) ("MAADs Policy 2015")
- Handbook to Electricity Distributor and Transmitter Consolidations ("Handbook")

Although it is not uncommon for merged distribution companies to have two different rate years from their predecessors, the OEB's MAADs Policies and Handbook do not provide specific guidance on rate year alignment resulting from different rate years of the predecessors.

The 2007 MAADs Policy and the Handbook address the issue of rate harmonization. The Board's guidance is that a consolidated entity is expected to propose rate structures and rate harmonization plans following consolidation at the time it files its rebasing application.[4] However, rate harmonization is a fundamentally different concept from aligning rate years.

Because of this new scenario, Elexicon is one of a few electricity distributors where this misalignment of rate years between rate zones has occurred. Elexicon is the only one that also has a ten year deferral before its next rebasing. This creates an extremely unique situation and one that clearly was not contemplated during the Alignment Consultation.

However, during the MAADs application process (EB-2018-0236), it seems evident that the OEB was already turning its mind to considering the need and benefit of aligning the rate year for a newly merged entity. At the time, both Whitby Hydro and Veridian acknowledged that this was something that should be

[4] Handbook at page 14; 2007 MAADs Policy at page 7.

considered once the merge transaction had been completed, and should be left to the new organization to address with the OEB.

As just over a year has passed since the merger took place, Elexicon has had the opportunity to file separate 2020 IRM rate applications and has considered the benefits that would be gained by aligning the rate year for both customers, the OEB and Elexicon. These benefits include:

- Improved consistency and fair treatment of Elexicon's customers
  - Despite the need to maintain separate rates for each rate zone, it is Elexicon's objective to align other operational aspects of its service to customers where possible, including timing of rate changes etc. across the entire service area.
  - Elexicon will be able to provide clearer aligned communication to customers for timing of rate changes. As a result, the risk for customer confusion is reduced.
  - Alignment of rate year ensures that all customers receive mechanistic rate changes on the same basis. Examples include:
    - Uniform Transmission Rate (UTR) changes are currently incorporated into Retail Transmission Service Rates (RTSR) differently for customers with Jan 1 vs May 1 rate years due to timing of rate decisions
    - The current COVID-related May 1 2020 rate deferral option is an example where misalignment of rate years (Jan 1 and May 1) resulted in customers receiving a different treatment, strictly due to rate year differences
- Improved consistency and streamlining of processes for the OEB and Elexicon
  - More efficient rate application preparation and review process
  - Greater consistency and efficiency in case management and interaction between OEB and Elexicon
  - Provides a single rate application window/timeline for preparation, review and implementation, compared to on-going, overlapping cycles from August - May
  - Issues are addressed in a more consistent manner based on information available during a common application timeframe
- Improved consistency of approved and fiscal year ROE comparisons
- Simplification of financial presentation, comparisons and analysis, budgeting and forecasting by aligning rate and fiscal year
- Streamlining rate change implementation
- Reduced confusion for Elexicon staff providing customer service across the service territory
- Reduced confusion arising from potential ICM applications for different rate zones being submitted and adjudicated at different times

The timing of aligning EV's rate year to January 1, 2021 also provides a natural opportunity for Elexicon to request an extension of EV's May 1, 2020 rate deferral until December 31, 2020; and propose that the Forgone Revenue be incorporated into a single rate application process for efficiency. This also allows bill impacts to be reviewed on a more comprehensive basis.

IMPLICATIONS FOR CUSTOMERS

During the Alignment Consultation, several concerns were raised that have since been addressed by the OEB over time, and as a result, are no longer considered a reasonable barrier in approving a rate year change to January 1. These include:

- Customer confusion related to a January 1 rate year (vs May 1)
- Shift in timeline for rate application filing and rate proceedings during the summer/fall
- Availability of audited financial statements and actuals for bridge year during a cost of service rate application

As the OEB currently permits a January 1 rate year, these items have not been found to create sufficient concern for customers as communication and processes have been put in place to address.

One more notable implication to customers raised in the Alignment Consultation included the financial impact of advancing the rate year by four months (from May 1 to Jan 1). While this alignment carries forward each year until rates are reset during rebasing, the net effect of the rate year alignment is to simply pull forward those rates that would otherwise be approved for collection by Elexicon in EV. For EV, this creates an amount of over-collection equal to the incremental rate increase during the Jan-April period of the 2028 rate year (the year prior to rebasing) under a May 1st rate year.

Elexicon recognizes that this is a fair concern, and believes that a proposal to change the rate year outside of a cost of service rate application should also include a reasonable approach to help hold customers relatively harmless from this type of financial impact. It is also Elexicon's objective to propose an approach that will provide relief for customers on a timely basis; assist with bill impacts; is relatively simple; and is consistent with existing and accepted approaches recently adopted by the OEB. All these factors will provide assistance to customers in the transition year and will help to facilitate stakeholder understanding of the methodology.

PROPOSED APPROACH TO ADDRESS FINANCIAL IMPACTS

To address financial impacts to customers from the rate year alignment, Elexicon proposes to use an approach consistent with the Forgone Revenue Guidance provided by the OEB to address the May 1, 2020 rate deferral. Elexicon has taken the OEB's existing Forgone Revenue model, modified it to accommodate the rate year alignment transition year (specifically for Jan-April period). Elexicon proposes

that the Rate Year Alignment Rate Rider Model serves to address the financial impact of the rate year alignment in a consistent manner to reasonably ensure that customers remain relatively harmless. By implementing the Rate Alignment Rate Rider in a timely manner (effective for January 1, 2021) with a sunset date of April 30, 2021, customers will essentially be charged similar 2021 distribution charges during the transition year, as they would have if the rate year had remained unchanged.

This approach is simple and has significant benefits compared to tracking differences over an eight year period prior to rebasing and which would otherwise defer the refund to customers. Elexicon would prefer to ensure that customers get rebated promptly in 2021 rather than delay addressing the financial impacts for customers. The calculation of the Price Cap adjustment amount for the period of Jan – April 2021 would produce impacts that would not be materially different from those which would occur during the last year prior to rebasing.

An Excel version of the Rate Year Alignment Rate Rider Model has been provided as a part of this application ("Elexicon_VRZ_2021_Rate Year Alignment Rate Rider Model_OEB_20200820").

The summarized impacts and rate riders are provided in Table H-1.

Table H-1 Summary - Rate Year Alignment Rate Rider Calculation

Elexicon - Veridian Rate Zone

Rate Effective Date	January 1, 2021
Advanced Implementation Date	January 1, 2021
Advanced Period (number of months)	4
Proposed Refund Period (number of m	4
Sunset Date of the Advanced Revenue	April 30, 2021

Base Distribution Rates											
Rate Class	Unit	Proposed 2021 Monthly Fixed Charge (MFC)	Proposed 2021 Distribution Volumetric Rate (DVR)	2020 Approved Monthly Fixed Charge to Customers	2020 Approved Volumetric Charge to Customers	Difference in MFC	Difference in DVR	Rate Year Alignment Revenue to Refund to Customers (MFC)	Rate Year Alignment Revenue to Refund to Customers (DVR)	Rate Year Alignment Rate Rider (MFC)	Rate Year Alignment Rate Rider (DVR)
RESIDENTIAL SERVICE CLASSIFICATION	kWh	27.53	0.0000	$ 27.07	$ -	$ (0.46)	$ -	$ (209,179.48)	$ -	$ (0.46)	$ -
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	kWh	50.29	0.0000	$ 49.45	$ -	$ (0.84)	$ -	$ (5,335.68)	$ -	$ (0.84)	$ -
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	17.84	0.0180	$ 17.54	$ 0.0177	$ (0.30)	$ (0.0003)	$ (11,103.60)	$ (29,424.54)	$ (0.30)	$ (0.0003)
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	114.04	3.5183	$ 112.13	$ 3.4595	$ (1.91)	$ (0.0588)	$ (7,846.28)	$ (45,411.48)	$ (1.91)	$ (0.0588)
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	5,992.51	2.2291	$ 5,892.34	$ 2.1918	$ (100.17)	$ (0.0373)	$ (2,003.40)	$ (3,131.33)	$ (100.17)	$ (0.0373)
LARGE USE SERVICE CLASSIFICATION	kW	9,001.96	3.1393	$ 8,851.48	$ 3.0868	$ (150.48)	$ (0.0525)	$ (2,407.68)	$ (7,433.37)	$ (150.48)	$ (0.0525)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	7.27	0.0179	$ 7.15	$ 0.0176	$ (0.12)	$ (0.0003)	$ (408.00)	$ (474.30)	$ (0.12)	$ (0.0003)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	4.79	14.4931	$ 4.71	$ 14.2508	$ (0.08)	$ (0.2423)	$ (83.27)	$ (32.46)	$ (0.08)	$ (0.2423)
STREET LIGHTING SERVICE CLASSIFICATION	kW	0.74	3.9629	$ 0.73	$ 3.8967	$ (0.01)	$ (0.0662)	$ (1,259.30)	$ (816.99)	$ (0.01)	$ (0.0662)
							Total Rate Year Alignment Revenue for Base Distribution Rates		$ (326,351.16)		

Table H-1 clearly demonstrates that the differences in the distribution monthly fixed charge and the Rate Year Alignment Rate Rider are intended to be equal and fully offset the impact to customers on a timely basis.

Similar to the Forgone Revenue Rate Rider, a new deferral/variance account will be required to track amounts from the Rate Year Alignment Rate Rider against actual impacts during the transition period Jan – April 2021. The residual balance will be addressed for final disposition in a future rate application. A copy of the proposed accounting order has been provided as part of this Appendix.

As a result of this approach, EV will only collect an amount from customers similar to that which it would have otherwise collected between May – Dec 2021. This equates to EV forgoing 4/12 of the rate increase for 2021, as a one-time adjustment in the transition year in order to hold the customers essentially harmless of financial impacts.

SUMMARY:

Elexicon is a newly merged company made up of two rate zones, each with a different rate year – January 1 (EW) and May 1 (EV). Elexicon has proposed that its EV rate year be aligned to January 1 to provide greater consistency and continuity across the organization and for customers. Elexicon has outlined a number of benefits that will be achieved by this alignment not only internally but for external stakeholders including customers and the OEB. Despite the need to maintain separate rate zones, Elexicon is working hard to integrate many other aspects of its service, systems and processes to create a more unified experience for customers and stakeholders where possible.

Elexicon's main reason to bring forward a request to adjust EV's rate year to January 1, 2021, stems from the merger which brought together two electricity distributors with differing rate years. As the next cost of service rate application will not occur until after the ten year deferral period, it would be challenging for Elexicon to continue to operate effectively with misaligned rate years for this extended period of time. As a result, the underlying drivers of Elexicon's request are distinctly different from that of Enersource (EB-2009-0193), and from those elements considered in the Alignment Consultation.

Elexicon has identified benefits for a variety of stakeholders; provided sufficient rationale to support a proposed rate year alignment to January 1 for EV; and has outlined an approach which will assist in addressing financial impacts to customers.

The overall rate impacts for customers has been reviewed based on 2019 rates compared to 2021 proposed rates (a span of two years compared to normal bill comparisons year-over-year). This comparison is appropriate as the proposed deferral of EV's May 1, 2020 rates will extend to the end of

2020. This timing coincides with proposed implementation of new 2021 rates effective January 1. The total bill includes the proposed 2021:

- Rate Year Alignment Rate Riders
- Forgone Revenue Rate Riders
- All other mechanistic rate adjustments (Price Cap and RTSRs)
- LRAMVA Rate Riders

The overall total bill impact supports the reasonability of the proposed request for a Rate Year Alignment Rate Rider and there is no need for mitigation. Full details of the bill impacts can be found in the Excel Model provided ("Elexicon_VRZ_2021_Bill Impacts_20200820"). A separate line item for the Rate Year Alignment Rate Rider has been provided in the bill impact model. Note that EV has not included a rate rider for the Sentinel Lighting rate class as the Rate Year Alignment value was determined to be immaterial (below $125).

A summary is outlined below.

Table H-2: Overall Bill Impacts

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	$ 0.90	3.38%	$ 0.90	2.76%	$ 1.69	4.08%	$ 1.37	1.2%
Seasonal Residential	645		RPP TOU	$ (0.59)	-1.18%	$ (0.59)	-1.07%	$ 0.15	0.24%	$ 0.12	0.1%
GS<50 kW	2,000		RPP TOU	$ 2.28	4.38%	$ 2.28	3.42%	$ 4.17	4.73%	$ 3.38	1.2%
GS 50-2,999	432,160	1,480	Non-RPP	$ 341.59	6.64%	$ 341.59	3.99%	$ 983.17	6.22%	$ 1,110.98	1.3%
GS 3000-4999	1,752,000	4,000	Non-RPP	$ 741.37	5.14%	$ 741.37	2.68%	$ 2,648.97	5.38%	$ 2,993.34	0.9%
Large User	4,219,400	6,800	Non-RPP	$ 2,107.76	7.18%	$ 2,107.76	5.19%	$ 5,350.68	6.93%	$ 6,046.27	0.8%
Unmetered Scattered Load	500		RPP Tier	$ 0.45	2.87%	$ 0.45	2.34%	$ 0.92	3.75%	$ 0.75	1.0%
Sentinel Lights	180	1	RPP Tier	$ 0.64	3.44%	$ 0.64	3.20%	$ 0.91	3.95%	$ 0.74	1.9%
Street Lighting	37	1	Non-RPP	$ 0.92	20.23%	$ 0.92	18.21%	$ 1.21	14.57%	$ 1.36	8.8%

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

REQUEST FOR NEW DEFERRAL/VARIANCE ACCOUNT AND ACCOUNTING ORDER

ELIGIBILITY REQUIREMENTS

The OEB's *Filing Requirements for Electricity Distribution Rate Applications – Chapter 2 Cost of Service, section 2.9.4*, issued July 12, 2018 specify that requests for new deferral or variance accounts must satisfy the OEB's eligibility criteria of causation, materiality and prudence. The proposed Variance Account for the Rate Year Alignment Revenue Refund satisfies the OEB's eligibility criteria as follows:

Causation – ***The forecasted expense must be clearly outside of the base upon which rates were derived.***

The former Veridian last rebased its distribution rates through a cost of service application that was filed October 31, 2014 (EB-2013-0174). The OEB issued a Decision and Order on April 10, 2014 and a final Rate Order on May 1, 2014.

The proposed variance account is intended to capture the financial impacts to customers related to the proposed request to align the rate year of EV to January 1, consistent with the EW rate zone. Elexicon has outlined the rationale and benefits of this alignment. The request is driven from the merger of the two predecessor electricity distributors Whitby Hydro and Veridian which currently have different rate years. If not addressed in this application, the misalignment of rate years would persist for a significant period of time due to the ten year deferred rebasing period. The current state arose from within the scope of the OEB's permitted regulatory framework, and created a new circumstance which the OEB could not have contemplated during previous proceedings (EB-2009-0193) or the Alignment Consultation in 2009 and 2010).

The proposed alignment of rate year creates a financial impact to customers that Elexicon would like to address in a timely manner to hold customers relatively harmless from any financial impact of aligning the rate year to January 1, 2021.

Materiality – ***The forecasted amounts must exceed the OEB-defined materiality threshold and have a significant influence on the operation of the distributor; otherwise they must be expensed in the normal course and addressed through organizational productivity improvements.***

The implementation of the proposed rate year alignment results in a projected impact of approximately $326K, which is considered a material impact to EV's customers. Based on the former Veridian's last

rebasing in 2014, the materiality threshold is $250,000 (as defined in section 2.0.8 of the OEB's Chapter 2 Filing Requirements).

Table H-3: Materiality Threshold

Revenue Requirement	2014 Cost of Service (Settlement)	Rate Year Alignment Revenue to Return to Customers
Base Revenue Requirement	49,930,177	
Materiality %	0.5%	
Materiality Threshold	**$ 249,651**	**$ 326,351**

Prudence – ***The nature of the costs and forecasted quantum must be based on a plan that sets out how the costs will be reasonably incurred, although the final determination of prudence will be made at the time of disposition. In terms of the quantum, this means that the applicant must provide evidence demonstrating as to why the option selected represents a cost-effective option (not necessarily least initial cost) for ratepayers***

The merger of Whitby Hydro and Veridian was approved by the OEB (EB-2018-0236). As a result of the merger, Elexicon has two rate zones and wishes to align the rate years prior to the next cost of service application which will not otherwise occur for a longer period of time (2029), due to the permitted cost of service deferral period. Elexicon has outlined the rationale and benefits from aligning the rate years of its rate zones.

As part of the rate year alignment request, Elexicon wishes to address the financial impact to EV customers. The approach, general methodology and accounting treatment is consistent with that provided by the OEB to address Forgone Revenue related to the deferral of rate implementation for May 1, 2020 rates due the COVID-19 Emergency. Elexicon proposes that it is also prudent to use a similar approach to refund revenue back to customers due to an advancement of rate implementation stemming from the proposed rate year alignment.

A draft accounting order for the proposed variance account, which includes a description of the mechanics of the account, examples of the general ledger entries, and the proposed manner in which to dispose of the account, is provided below.

Draft Accounting Order

Account 1508 Other Regulatory Assets - Sub-account Rate Year Alignment Revenue Refund

Upon implementation of the Rate Year Alignment Rate Riders that are calculated from the Rate Year Alignment Rate Rider Model, the rate rider transactions will be recorded in the same Rate Year Alignment Revenue Refund Sub-account. This will draw down the accumulated balance of the actual incremental 2021 distribution rate increase for the period January 1, 2021 to April 30, 2021. Any residual balance after the expiry of the rate riders should be requested for final disposition in a future rate application (cost of service or IRM), once the balance has been audited in accordance with normal deferral and variance account disposition practices. If disposition is approved, the residual balance in the Rate Year Alignment Revenue Refund Sub-account should be disposed proportionately by customer class and the residual balance will be transferred to Account 1595.

The Rate Year Alignment Rate Rider Model does not take carrying charges into account when calculating rate riders so as not to complicate the model for an immaterial carrying charge amount. Carrying charges will apply to the Rate Year Alignment Revenue Refund Sub-account at the OEB's prescribed interest rates.

The accounting method will ensure that the total amount collected from the Rate Year Alignment rate riders will offset the sum of (i) the amount collected from the incremental 2021 distribution rate increase for the period January 1, 2021 to April 30, 2021 and the associated carrying charges. It also ensures that the net journal entries recorded will result in the similar revenue balances as if the rate year alignment had not occurred and rate implementation had not been advanced to align with January 1, 2021.

<u>Sample journal entries to be recorded in the account are:</u>

1) DR Account 4080 Distribution Revenue
   CR Account 1508 Other Regulatory Assets, Sub-account Rate Year Alignment Revenue Refund - Principal

To record the monthly revenue collected from January – April 2021 (billed plus unbilled) associated with the incremental 2021 distribution rate increase.

2) DR Account 1508 Other Regulatory Assets, Sub-account Rate Year Alignment Revenue Refund – Principal
   CR Account 1100 – Accounts Receivable

To record rate riders for Rate Year Alignment Revenue Refund to customers

3) DR/CR Account 6035 Interest Expense/4405 Interest Income
   CR/DR Account 1508 Other Regulatory Assets, Sub-Account Rate Year Alignment Revenue Refund - Carrying Charges

To record carrying charges on the principal balance in the sub-account Rate Year Alignment Revenue Refund - Principal.

APPENDIX I:
RENEWABLE GENERATION CONNECTION RATE PROTECTION

RENEWABLE GENERATION CONNECTION RATE PROTECTION

Overview

When Veridian Connections Inc. ("Veridian") last rebased in 2014 (EB-2013-0174), the OEB approved provincial rate protection payments under O.Reg 330/09 for two Renewable Enabling Improvement Projects and a Renewable Expansion Project for the period of 2014 to 2018 as shown in the table below.

Renewable Enabling Improvement Projects	2014	2015	2016	2017	2018
Communication Platform	$ -	$ 115,000	$ 115,000	$ 115,000	$115,000
Micro-Grid Project	$ -	$ 300,000	$ 165,000	$ -	$ -
Total	$ -	$ 415,000	$ 280,000	$ 115,000	$115,000
Monthly Amount Paid by IESO	$ -	$ 3,099	$ 8,230	$ 11,038	$ 12,551
Renewable Expansion Project					
Index Energy	$ 500,000				
Monthly Amount Paid by IESO	$ 1,446	$ 3,088	$ 3,031	$ 2,974	$ 2,917

In accordance with section 2.2.2.7 of the OEB's Chapter 2 Filing Requirements, Veridian was required to provide an update to the rate protection amounts in its next rebasing application, which was scheduled for 2019. However, due to a potential corporate merger at the time, Veridian instead elected to defer its 2019 application.

In December 2018 the OEB approved the consolidation between Veridian and Whitby Hydro Electric Corporation (EB-2018-0236) which permitted a ten-year deferred rebasing for the newly amalgamated company (Elexicon Energy Inc. formed on April 1, 2020). As a result of the approved rebasing deferral, the updated rate protection amount would not be made available through a Cost of Service proceeding in the near term.

In a letter to the OEB dated December 19, 2019, Elexicon made a request for the 2020 Renewable Generation Connection Rate Protection ("RGCRP") compensation amount of $217,996 ($18,166 per month) from the IESO for two of the three renewable investments that were approved in the 2014 Cost of Service decision and order. In the letter, Elexicon stated that it had only received IESO funding for one renewable expansion project, and did not receive IESO funding for either of the two renewable enabling projects to date. In addition, Elexicon noted that only one of the two renewable enabling projects had gone into service, with the remaining one set to go into service in 2021.

In its January 30th, 2020 Decision and Order on the 2020 RGCRP Compensation Amount (EB-2019-0279) the Board approved Veridian's request and stated that it *"… expects Veridian to provide evidence*

supporting the actual amounts for these two projects in its 2021 rate proceeding (due to be filed in fall 2020) so that the OEB may be in a position to finalize these amounts. Veridian should also be providing evidence supporting the remaining enabling project should it be scheduled to go into service in 2021."

As ordered, Elexicon has updated Appendices 2-FA to 2-FC of the Chapter 2 filing requirements and has included them with this application in excel format ("Elexicon_VRZ_2021_2020 Variance-Actual Costs-REG – Project_20200820"). In addition, Elexicon has provided a brief description of the projects, as filed in Veridian's 2014 rate application, along with a status update below. A detailed report showing the variance between Provincial Rate Protection payments required and received from the IESO follows this section.

Project Updates

Communications Platform (Renewable Enabling Improvement)

Veridian proposed investment in a high bandwidth, low latency, highly reliable communication platform for communication between Veridian's System Control Centre and components of the distribution system and renewable generator end-points. The new platform was to be purchased and installed over a four-year period from 2015 to 2018 with a total capital investment forecasted at $911,000. Annual operating and maintenance costs were forecast at $135,000. The communication platform was intended to enable communications for both smart grid and renewable generators, so costs were allocated on a 50/50 basis for the purpose of determining Provincial Rate Protection.

At that time, a consultant conducted a study, and a four-year plan was established. However, due to potential merger discussions that soon followed, applicability of the study with the merged geographic area and potential implications to merged distribution system was uncertain. It was decided that the communications platform was to be put on hold and was to be revisited after the merger.

At present, Elexicon is still planning to pursue this project and is re-evaluating the initial study to determine how it can best be implemented today. Elexicon currently expects this project to be completed and in-service by 2025.

Micro-grid Project (Renewable Enabling Improvement)

Veridian proposed an investment in a micro-grid project at Veridian's head office in Ajax involving the interconnection of a renewable generator with the traditional electric distribution grid, an energy storage device and a load consisting of electric vehicle charging infrastructure. The intent of the project was to provide Veridian with information associated with the design and operation of micro-grids, facilitating the future widespread connection of renewable generators on distribution systems. The project was planned

for the 2015-2016 timeframe at a total capital cost of $465,000 and ongoing operations and maintenance costs of $50,000 annually.

This project was completed and put into service in 2015 at a total cost of $429,343.

Index Energy (Renewable Expansion Project)

This was a renewable energy generation enabling investment required to connect a new 25 MW generator located in Ajax. To accept the generator output onto Veridian's system, it was necessary to expand Veridian's system by rebuilding an existing 44kV pole line to make provision for a new 44kV circuit. The system expansion was forecast to cost approximately $500,000 and included the replacement of existing poles with taller poles and the installation of new conductor and switches to facilitate the connection to Veridian's distribution system and ultimately upstream to the Hydro One owned Whitby TS.

This project was completed between 2014 and 2017 at a total cost of $355,852.

Rate Protection Payments Required

	2014	2015	2016	2017	2018	2019	Subtotal	2020	2021	Total
REI Annual Amount required	0.00	0.00	28,128.00	55,344.00	54,108.00	52,788.00	190,368.00	51,408.00		241,776.00
Expansion Annual Amount required	12,036.00	24,300.00	24,588.00	24,912.00	25,176.00	25,080.00	136,092.00	24,936.00		161,028.00
Expansion Annual Amount received	-11,568.00	-30,488.00	-36,600.00	-35,916.00	-35,232.00	-35,004.00	-184,808.00			-184,808.00
Expansion Annual Amount - diff required vs received	468.00	-6,188.00	-12,012.00	-11,004.00	-10,056.00	-9,924.00	-48,716.00	24,936.00	0.00	-23,780.00
Annual IESO Payments - REI and Expansion True-up	468.00	-6,188.00	16,116.00	44,340.00	44,052.00	42,864.00	141,652.00	76,344.00	0.00	217,996.00
TOTAL REQUIRED 2020 MONTHLY FUNDING FROM IESO										**18,166.33**

Renewable Enabling Improvement

2014 Cost of Service Amounts

	2014	2015	2016	2017	2018	Total
Micro-Grid Project	0.00	300,000.00	165,000.00	0.00	0.00	465,000.00

Actual Costs - in service for revenue requirement calculations

	2014	2015	2016	2017	2018	Total
Micro-Grid Project	0.00	429,343.56	0.00	0.00	0.00	429,343.56

Rate Protection Payments Required

	2014	2015	2016	2017	2018	2019	2020	Total
Monthly Amount	0.00	0.00	2,344.00	4,612.00	4,509.00	4,399.00	4,284.00	20,148.00
Payment period	Jul14-Apr15	May15-Apr16	May16-Apr17	May17-Apr18	May18-Apr19	May19-Apr20	May20-Apr21	May20-Apr21
Total for year	0.00	0.00	18,752.00	46,272.00	54,520.00	53,228.00	51,868.00	224,640.00

Renewable Expansion

2014 Cost of Service Amounts

	2014	2015	2016	2017	2018	Total
Index Energy	500,000.00	0.00	0.00	0.00	0.00	500,000.00

Actual Costs - in service for revenue requirement calculations

	2014	2015	2016	2017	2018	Total
Index Energy	338,897.97	7,441.75	0.00	9,512.46	0.00	355,852.18

Rate Protection Payments Required

	2014	2015	2016	2017	2018	2019	Subtotal	2020	Total
Monthly Amount	1,003.00	2,025.00	2,049.00	2,076.00	2,098.00	2,090.00	11,341.00	2,078.00	13,419.00
Payment period	Jul14-Apr15	May15-Apr16	May16-Apr17	May17-Apr18	May18-Apr19	May19-Apr20		May20-Apr21	
Total for year	8,024.00	20,212.00	24,492.00	24,804.00	25,088.00	25,112.00	127,732.00	24,984.00	152,716.00

Rate Protection Payments Received

	2014	2015	2016	2017	2018	2019	Subtotal	2020**	Total
Monthly Amount	1,446.00	3,088.00	3,031.00	2,974.00	2,917.00	2,917.00	16,373.00	-2,954.00	13,419.00
Payment period	Jul14-Apr15	May15-Apr16	May16-Apr17	May17-Apr18	May18-Apr19	May19-Apr20		May20-Apr21	
Total for year	11,568.00	30,488.00	36,600.00	35,916.00	35,232.00	35,004.00	184,808.00	-11,964.00	172,844.00

VARIANCE - True-up Rate Protection Payments

VARIANCE	2014	2015	2016	2017	2018	2019	Subtotal	2020	Total
Overpayment rec'd	-3,544.00	-10,276.00	-12,108.00	-11,112.00	-10,144.00	-9,892.00	-57,076.00	36,948.00	-20,128.00

NOTE:** ***Overpayment received 2014-2019 results in negative payment (owing) to IESO for 2020

APPENDIX J:

1588/1589 ACCOUNTING GUIDANCE

SUPPLEMENTAL EVIDENCE

OEB REGULATORY ACCOUNTING GUIDANCE 1588/1589 – SUPPLEMENTAL EVIDENCE

This Appendix includes the following:

- 2020 IRM – Veridian Rate Zone (EB-2019-0252) – Appendix F
- 2020 IRM – Veridian Rate Zone (EB-2019-0252) - Response to OEB Staff Questions

Excel Models have been filed to further support the 2021 Manager's Summary and review of 1588/1589 Regulatory Accounting Guidance:

Excel files previously submitted in EB-2019-0252:

Elexicon_Veridian RZ_2020_Acctg Guidance 2019 Analysis_20191015
Elexicon_Veridian RZ_2020_Acctg Guidance 11 2018 Analysis
Elexicon_Veridian RZ_2020_Acctg Guidance 04 2018 Analysis

Additional Analysis of 2019

Elexicon_VRZ_2021_Acctg Guidance 2019 Analysis_full year_20200820

2020 IRM – Veridian Rate Zone (EB-2019-0252)
Appendix F

Background

On July 20, 2018, the OEB issued a letter advising LDCs of the OEB's initiative to standardize the accounting processes used by distributors related to RPP settlements and accounting procedures to improve the accuracy of the commodity pass-through accounts: Account 1588 – RSVA Power and Account 1589 – Global Adjustment. The OEB consulted with the IESO and six distributors by way of webinar and individual conference calls in 2018. On February 21, 2019, the Accounting Guidance related to Accounts 1588 and 1589 was released and training sessions were held in April 2019 and a Q&A document was published in July 2019.

EV has completed a review of the accounting guidance issued by the OEB and various staff participated in the OEB training sessions held in April 2019. Regulatory staff members from the former Whitby Hydro Electric Corporation were also part of the six LDCs involved in the consultation process to assist Board Staff in reviewing and providing feedback regarding drafts of the accounting guidance in the fall of 2018.

The merge of Whitby Hydro Electric Corporation and Veridian Connections Inc. to form Elexicon Energy Inc. took place on April 1, 2019. The recently merged organization continues its process to review departmental structures, resource requirements, critical business systems and processes with a goal to move towards an integrated and unified organization that can operate efficiently and effectively to provide safe, reliable power and quality service to customers in all service areas. To do this effectively and limit risk to both the organization and its valued customers, this requires time and careful planning. One of the key systems to address is the customer information system (CIS) which houses sensitive customer information, rates, and through which billing activity and processes are run. It is essentially the "cash register" of the business and generates all electricity customer bills. Another critical system is the financial system (FS) which is used to track and measure financial performance of the business and produce financial statements for management, stakeholders and audit purposes.

Currently, both of the legacy LDCs uses the same CIS system however the system allows flexibility in how to structure customer information, rates, billing codes and posting of billing transactions to general ledger accounts. In several areas, each of the legacy CIS systems and processes are designed and setup quite differently. One of the differences is in how the general ledger accounts are assigned for various components that capture and track billing data related to Regulated Price Plan (RPP) and the related spot (or market) pricing that is attached to those transactions.

As of the date of this application, Elexicon Energy Inc.'s business areas are managing day-to-day operations through the current legacy systems and processes, and in parallel, have begun to turn attention to the important project of migrating to a single CIS and FS. These projects are expected to be completed sometime in 2020. Given the significant activities currently underway as a result of the merge, and the interconnection of the CIS and FS, any changes to current processes used to facilitate monthly

settlement claims with the IESO and ensuring balances related to Accounts 1588 and 1589 must be reviewed, and practical consideration given to the cost and effort involved in making the changes with a clear understanding of the underlying impact that such changes will have on other processes and systems. It is imperative that the FS and financial reporting and analysis (specifically revenue transactions posted to the FS from the CIS) are understood to determine the best approach and timing for implementation of changes. These factors must also be weighed against any incremental benefits.

Overview - Comparison of Methodologies

EV understands the genesis of the OEB's regulatory accounting guidance which came from very real concerns that affected customers, LDCs and the IESO. EV is mindful that attempting to standardize processes can have some benefits especially in a complex environment of settlements and the impacts they have on customers

Based on a review of EV's current methodology as compared to the OEB's regulatory accounting guidance, the differences in methodology can be summarized generally as follows:

- Treatment of unaccounted for energy (UFE) - split between RPP and Non-RPP kWhs and the resulting dollar impact.
- Estimates of RPP Tiered kWh ratios vs. actuals RPP Tiered kWh ratios.
- Small differences in GA rates in months where posted rate is different from actual rate

EV uses metering data for active RPP and non-RPP accounts each month to prepare estimated settlement claims and the associated true-ups. Prior to the review of the OEB's accounting guidance, the RPP Tiered kWhs ratios were not part of the true-up process. While the analysis performed during this review indicated that there were no material impacts between estimates and actuals, the process has been modified to include a true-up for actual RPP Tiered kWhs ratios retroactive to January 2019.

Materiality Review

EV has taken time to review its existing processes against the accounting guidance for 2019 using the completed period of January to June. This was done with a specific objective to identify differences and assess and compare the final outcome of each method to determine whether, in aggregate, there are any material differences.

2019 (January – June):

The differences outlined above have been reviewed and the two approaches modeled to assist in quantifying the differences, determining adjustment entries required for 2019 and assessing materiality. Any adjustments identified have been made retroactive to January 2019.

To ensure EV's methodology is aligned with the OEB's accounting guidance for 2019 and going forward, the following steps have been taken:

- Adjustment to the 1598 Final Settlement process for the following:
  - Modify the RPP kWh from Retail to Wholesale
  - Create reports to identify the RPP Tier accounts and adjust the estimated RPP Tier kWhs ratios to actual RPP Tier kWhs ratios to obtain the appropriate split between tier 1 and 2
  - Incorporate the GA actual rate (vs. posted rate)

The OEB's Excel model was refined to facilitate the comparison of outcomes using final actual data. A copy of the Excel model for 2019 Jan – Jun has been included with this application *(Elexicon_Veridian RZ_2020_Acctg Guidance 2019 Analysis_20191015).* Actual data has been incorporated into Tables 22-30 and Table 32 and a comparison is provided.

A review of the first six months of 2019 did not indicate any material differences, The OEB published Accounts 1588 and 1589 Q&As ("1588/1589 Q&As") which outline the materiality threshold as follows:

> *A29. In general, the materiality threshold to be used in assessing total adjustments to historical balances of each commodity account is as follows:*
>
> - *Account 1589 – 0.5% if annual GA costs (Account 4707 Charges – Global Adjustment from the year pertaining to the balance requested for disposition*
> - *Account 1588 – 0.5% of the annual Cost of Power (Account 4705 Power Purchased) from the year pertaining to the balance requested for disposition*
>
> *In the case where an adjustment affects both accounts, but only adjustments to one account is above the materiality threshold, the adjustment to both accounts must be made to ensure that the books are balances upon making any adjustments. Adjustments should be fully explained in a rate application and treatment of these adjustments will be determine don a case-by-case basis.*

A summary of the 2019 review comparing outcomes of EV and OEB method and the materiality threshold test is provided below:

Sale of Energy	EV Method	OEB Method	Difference
RPP Revenue	53,131,294	53,131,294	-
Non-RPP Revenue	12,346,623	12,346,623	-
Rounding	4,803	4,803	
	65,482,720	65,482,720	-
Cost of Energy (4705)			
Net Energy Cost Settlement (IESO CT 101 + Hydro One)	24,896,663	24,896,663	
FIT/MicroFit @ spot	353,777	353,777	
GA RPP Portion		66,936,975	
1598 Final Settlement*	40,304,952	(26,482,439)	
Adjustment for OEB Accounting Guidance (Act Tier + UFE)	149,584		
	65,704,975	65,704,975	-
1588 Variance Account - Final(after true-up)	222,256	222,256	-

** EV Method splits 1598 settlement as follows: 1)RPP less Energy posted to 4705 and 2) GA portion posted to 4707*

Materiality Threshold
0.5%
328,525
Not Applicable

GA Revenue	EV Method	OEB Method	Difference
GA - Class B Non-RPP Revenue	35,807,705	35,807,705	
GA - Class A Revenue	19,389,371	19,389,371	
GA - T otal Revenue	55,197,077	55,197,077	-
GA - Cost (4707)			
GA - Class A Cost	19,389,371	19,389,371	
GA - Class B Cost	106,242,683	39,305,708	
1598 Final Settlement*	(66,681,568)		
Adjustment for OEB Accounting Guidance (UFE)	(255,407)		
GA - Total Cost	58,695,079	58,695,079	-
1589 Variance Account (after true-up)	3,498,002	3,498,002	(0)

** EV Method splits 1598 settlement as follows: 1)RPP less Energy posted to 4705 and 2) GA portion posted to 4707*

Materiality Threshold
0.5%
293,475
Not Applicable

The OEB's 1588/1589 Q&A addresses the need for adjustments related to historical balances based on a materiality threshold as follows:

> *A28. The accounting guidance is effective January 1, 2019 and is to be implemented by August 31, 2019. Utilities are expected to consider the accounting guidance in the context of historical balance before January 1, 2019 that have yet to be disposed on a final basis (including 2018 balances that may be requested for disposition).*
>
> *The expectation of final disposition requests of commodity pass-through account balances are as follows:*
>
> *1. Approved interim disposition or no disposition requested for historical balances*
>
> *Some utilities may have received approval for interim disposition of historical account balances or did not request disposition of account balances in their last rate application. If these utilities have reviewed the historical balances (including 2018 balance) in the context of the new accounting guidance and are confident that there are no systemic issues with their RPP settlement and*

related accounting processes, they may request final disposition of account balances in their next rate application. If these utilities identified errors or discrepancies that materially affect the ending account balances, utilities may be guided by the materiality threshold in the subsequent question in determining whether adjustments to the account balances are required. Utilities should adjust their account balances (if necessary) prior to requesting final disposition.

2. No disposition of historical balances and concerns noted

Utilities that did not receive approval for disposition of historical account balances due to concerns noted in the decision of their rate application should apply the accounting guidance to those balances as well as the 2018 balance and adjust the balances as necessary, prior to requesting final disposition.

EV falls into the category outlined in scenario 1 above. The review provided for 2019 demonstrates that methodology outcome differences fall below the materiality threshold. As a result, there are no adjustments required for either Account 1588 or 1589 for historical balances related to the new accounting guidance.

Conclusion and Request

EV has completed its review of the OEB's accounting guidance. Notable conclusions have been summarized below:

- EV identified that the difference in outcomes using EV methodology as compared to OEB methodology relates to the
  - Allocation of UFE between RPP and Non-RPP
  - Actual RPP kWh ratios vs. estimate
  - Small differences in GA rates (posted vs. actual)
- EV adopted reasonable modifications to existing processes to eliminate the effects of any differences in outcomes starting in 2019
- EV determined that the differences in outcomes were below the materiality threshold and as a result, no historical adjustments are required.
- EV will incorporate any adjustments related to impacts of timing differences for 2019 going forward into continuity schedules in future rate applications.

EV focused on a comparison of outcomes and adopted reasonable modifications to existing processes in order to achieve the similar outcomes from the OEB guidance. The OEB's guidance appears very prescriptive in terms of specific steps, journal entries, and timing. EV was recently formed as part of a merger and has identified in this application the critical importance of ensuring that more significant process and system changes will take time and should be carefully planned to minimize risk and ensure accuracy and efficiency. The former Whitby Hydro Electric Corporation ("EW") processes and CIS system design (as it relates to those items settled with the IESO through form 1598) are significantly different from EV. EW outlined the pros and cons of its approach in the 2020 Rate Application filed in August 2019. Given the newly merged organization and different approaches, EV has limited its current

process changes to those critical to ensuring the outcomes are aligned with those from the OEB guidance until such time as the FS and CIS and related processes are re-designed and integrated.

EV appreciates the OEB guidance however, from its recent review notes the following observations:

- Guidance appears overly prescriptive
  - Process requirements (steps, specific journal entries, and timing)
  - Limits opportunities to leverage existing processes and CIS billing system setups
- Does not appear to address concerns regarding the trade-off between alternative approaches For example:
  - Timeliness and ability to retrieve hourly meter data and pricing outside of the CIS billing system

  versus
  - Concerns related to de-linking data flow from CIS billing system process and calculations which include timing and accuracy for incorporating:
    - Changes in accounts (new setups, final accounts, vacant accounts etc)
    - Billing adjustments
    - Customer reclassifications
    - More difficult to trace and support variance balances
- Costs/benefits to re-design systems and processes should be considered on an LDC specific basis

EV's modified process is very closely aligned with the OEB guidance however, the concerns identified above and through EW's rate application should be considered by the OEB. LDCs should be permitted some flexibility in the design of systems and processes provided that the outcome is reasonably aligned with the outcome provided in OEB guidance.

Given the conclusions from EV's review of the OEB's accounting guidance, along with the planned integration of the two legacy CIS and FS and processes in 2020, EV proposes that continuation of the 2019 EV methodology be permitted. EV requests that should the OEB require a more strict adoption of the accounting guidance as outlined in the February 21, 2019 document (ie. standardized process for prescriptive journal entries and timing of true-ups), the timeframe for implementation be extended to a future date beyond August 2019. An extended timeline which is more closely aligned with the implementation date of a new integrated CIS would be reasonable, and would serve to assist in facilitating a planned and thoughtful transition of systems and processes. This will assist with efficiencies and limit risk and costs during a merge transition period which places additional challenges and demands on limited resources.

EV also requests, that the OEB consider permitting either EV or EW's methodology and process as a reasonable approach consistent with the outcome of the OEB's accounting guidance. This will allow Elexicon Energy to re-evaluate and pursue the best solution to integrate the accounting guidance into the new CIS, FS and processes and to focus on the outcomes the accounting guidance is intended to produce while providing reasonable flexibility to determine the most efficient and cost effective system and operational processes to accomplish the same end result.

2020 IRM – Veridian Rate Zone (EB-2019-0252)
Response to OEB Staff Questions

Staff-2

Ref: (1) Application, Manager's Summary, page 6
(2) Application, Manager's Summary, page 13
(3) Application, Appendix F – Accounting Guidance, page 2
(4) Addendum to Filing Requirements For Electricity Distribution Rate Applications - 2020 Rate Applications, dated July 15, 2019, pages 12 & 13

Preamble:

In summary, Elexicon Energy is requesting final disposition of 2017 balances in the Veridian Rate Zone that was cleared on an interim basis in 2019 IRM. Elexicon Energy has requested that 2018 balances not be cleared in the current proceeding due to the materiality threshold not being met. Although Elexicon Energy indicated that it has used its January to June 2019 balances to review its existing processes against the accounting guidance, Elexicon Energy has not described whether its 2017 and 2018 balances have been reviewed.

At the above-noted first reference, Elexicon Energy stated that it is requesting the following:

> The final approval of Group 1 disposition that was approved in EB-2018-0072 as interim.

At the above-noted second reference, Elexicon Energy stated the following:

> The Group 1 Total Claim (2018 ending balances plus any identified adjustments and projected interest) does not exceed the threshold test. As a result, this application does not include a disposition request for the Total Group 1 DVA balance.

At the above-noted third reference, Elexicon Energy stated the following:

> Elexicon Energy has taken time to review its existing processes against the accounting guidance for 2019 using the completed period of January to June. This was done with a specific objective to identify differences and assess and compare the final outcome of each method to determine whether, in aggregate, there are any material differences.

At the above-noted fourth reference, the following was indicated:

> On February 21, 2019, the OEB issued its letter entitled *Accounting Guidance related to Accounts 1588 Power, and 1589 RSVA Global Adjustment* as well as the related accounting guidance. The accounting guidance is effective January 1, 2019 and is 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 (including the 2018 balances that may be requested for disposition in this rate application). In this application, distributors are to provide a status update on the implementation of the new accounting guidance, a review of historical balances, results of the review, and any adjustments made to account balances…
>
> …Some utilities may have received approval for interim disposition of historical account balances or did not request disposition of account balances in the 2019 rate application due to the threshold test. If these utilities have reviewed the balances in the context of the new accounting guidance and are confident that there are no systemic issues with their RPP settlement and related accounting processes, such utilities may request final disposition of account balances. If these utilities identified errors or discrepancies that materially affect the ending account balances, utilities should adjust their account balances prior to requesting final disposition…
>
> … Adjustments to account balances will be considered on a case by case basis. Utilities should provide a detailed discussion on any adjustments made, including the reason for an adjustment, how the adjustment was quantified and the journal entries to adjust the balances.

Questions:

a) Please confirm that Elexicon Energy has completed its review of the new Accounting Guidance and that any required changes to the accounting for Account 1588 and Account 1589 have been implemented as it relates to its 2017 and 2018 historical balances.

Response:

The effective date of the accounting guidance is January 1, 2019. EV has reviewed the accounting guidance and completed a thorough review of 2019 January - June and made adjustments to ensure that the balances for 1588 and 1589 are consistent with

the outcome of the OEB's approach as outlined in the accounting guidance. The review spreadsheet was provided with this application {*Elexicon_Veridian RZ_ 2020_Acctg Guidance 2019 Analysis_20191015}*. The review identified some differences between the OEB outcome and former EV outcome in terms of impact on the 1588 and 1589 balances. These were quantified and determined to be below the materiality level but were adjusted in 2019.

EV took the following items into consideration for its review of historical 2017 and 2018 balances:

- The accounting guidance effective date of January 1, 2019
- The 2019 detailed review which determined that any adjustments were below the materiality threshold
- The drivers of the 2019 differences between EV process and OEB guidance outcomes.
- A review of the impact of any process differences for 2017/2018 compared to 2019 and how they might affect the 1588 and 1589 balances ie. method to determine final RPP tiered kWhs (change from top down vs. bottom up change as described in the Settlement Process section of the Manager's Summary page 14-15). This difference was not considered to be significant or material.
- Time and resource requirements to complete a full detailed review for a 24 month period (2017/2018)

After considering these items, EV performed a detailed review of two months from each of 2017 and 2018 to quantify differences in EV and OEB approach and outcomes to confirm the expectation that differences were below materiality. The Excel files supporting the detailed review have been included with the IR response and uploaded through the Board's web portal:

- *Elexicon_Veridian RZ_2020_Acctg Guidance 01 2017 Analysis*
- *Elexicon_Veridian RZ_2020_Acctg Guidance 02 2017 Analysis*
- *Elexicon_Veridian RZ_2020_Acctg Guidance 04 2018 Analysis*
- *Elexicon_Veridian RZ_2020_Acctg Guidance 11 2018 Analysis*

These worksheets are in the same format as the original submission {*Elexicon_Veridian RZ_ 2020_Acctg Guidance 2019 Analysis_20191015}* and are consistent with the OEB's Excel model format for the key tables provided.

All elements of the review outlined above for 2017/2018 were completed prior to the rate application filing date of October 15, 2019 with the exception of the detailed review of the two months in each of 2017 and 2018. EV discussed with OEB Staff the expectation regarding review of historical balances for periods prior to 2019 and

confirmed that its approach is reasonable and consistent with OEB's expectations specifically for historical transactions in Account 1588 and 1589 that have not been disposed of on a final basis prior to 2019.

b) Please confirm that the new accounting guidance was implemented retroactive to January 1, 2017 and that this task was completed by August 31, 2019. If this is not the case, please explain.

Response:
Please see response to a).

c) Please confirm that there are no systemic issues with the Veridian Rate Zone's RPP settlement and related accounting processes as it relates to its 2017 and 2018 historical balances.

Response:
EV's review has identified minor differences which result in impacts to 1588 and 1589 that are below the materiality level. Please see response to a).

d) If there are issues, please explain whether adjustments to Group 1 DVA balances that have yet to be disposed on a final basis have been quantified, including balances that have been cleared on an interim basis or not cleared at all in a prior proceeding

Response:
There are no adjustments required as differences are below the materiality threshold. Please see response to a).

e) If adjustments have not been quantified, please provide a timeline as to when the applicant expects any discrepancies to be resolved.

Response:
Not applicable. Please see response to a).

f) If material adjustments were identified, please provide the following for each adjustment:

i. Quantification and nature of the adjustment
ii. The period in which the adjustment relates to (i.e. in relation to the flow of kWh)

iii. Detailed explanation of the adjustment, including how it was identified, the reason for the adjustment, the impact to each of Accounts 1588 and 1589.
iv. Show how it has been included as a principal adjustment to Account 1589 in the GA Analysis Workform and Account 1588 in Appendix A GA Methodology Description Questions on Accounts 1588 & 1589, Question 1
v. Describe the steps taken to include these adjustments in the DVA Continuity Schedule and balances requested for disposition in this proceeding. Please also provide the cells in the DVA Continuity Schedule where these adjustments were made.

Response:
Not applicable. Please see response to a).

g) Please provide further details on the review of 2017 and 2018 balances that was completed and any summary reports available (e.g. how the review was done).

Response:
Please see response to a).

Staff-3

Ref: (1) Application, Manager's Summary, page 15

Preamble:

At the above-noted reference, Elexicon Energy noted the following regarding changes to its methodology on the Tiered splits:

> The Veridian Rate Zone's Class B RPP claim is submitted monthly (Charge Type 1142). Consumption data for IESO Charge Type 1142 is based on actual metered RPP consumption data for the current month. The estimates for the split of TOU periods are based on the actual metered hourly data for each period. The Tier 1 and 2 split is based on the previous year's billed split for the same rate period. Effective September 2019, and retroactive to January 2019, the Tier split is based on actual metered hourly data for each period. Effective January 2019, a process change allowed for the implementation of categorized Tiered RPP data. The previous approach used a top-down methodology to arrive at residual

consumption. Analysis was conducted during the period of 2018 to compare the two approaches; the results were immaterial.

Questions:

a) Elexicon Energy has described that it has performed a Tiered split analysis for 2018 but did not provide an explanation. Please provide an explanation, including how its analysis addresses the OEB's new accounting guidance.

Response:
To be clear, the Manager Summary outlined two separate changes made to the methodology:

1) RPP Tier 1 and 2 split: EV uses metering data for active RPP and non-RPP accounts each month to prepare estimated settlement claims and the associated true-ups. Prior to the review of the OEB's accounting guidance, the RPP Tiered kWhs ratios were not part of the true-up process. The split of tiered kWhs between Tier 1 and 2 was based on the previous year's billed split for the same month. Effective September 2019, and retroactive to January 2019, the Tier split is based on actual metered hourly data for each period. This data is available for true-up purposes. As per the analysis that was submitted {see: *Elexicon_Veridian RZ_ 2020_Acctg Guidance 2019 Analysis_20191015*, tab "Ver Settlement Comparison", rows 18 & 19 and 23} the actual vs estimated tier split is not material.

2) Tiered RPP Data: Starting January 2019, a process change allowed for the implementation of categorized Tiered RPP data. The previous approach used a top-down methodology to arrive at RPP Tiered data. Before the process change was made, a full review of all the 2018 determinants was done using both the top-down and bottom-up methodology. The results of the review concluded that the difference between the two approaches was below the materiality threshold. The new approach, which started January 2019 was consistent with the OEB's new accounting guidance.

b) Building on the questions asked above regarding Elexicon Energy's review of the new accounting guidance; please further describe the scope of the above-noted analysis. Please confirm that the analysis was implemented retroactive to January 1, 2017 and that this task was completed by August 31, 2019. If this is not the case, please explain.

Response:
Please see Staff-2 a).

Staff-4

Ref: (1) Elexicon_Veridian RZ_2020_Acctng Guidance 2019 Analysis_20191015.XLSX
(2) OEB's Illustrative-Commodity-Model-20190221.xlsx

Preamble:

At the above-noted first reference, tab "Final RSVA Balances," Elexicon Energy provided calculations showing an Account 1588 balance as at December 31, 2017 of $222,256 and an Account 1589 balance as at December 31, 2017 of $3,498,002. However, OEB staff notes that the balances recorded through the RRR as at December 31, 2017 are a credit of $3,862,357 for Account 1588 and a credit of $793,539 for Account 1589.

Questions:

a) Please explain the discrepancies between the Account 1588 and Account 1589 December 31, 2017 balances noted at the above-noted first reference, tab "Final RSVA Balances," and the respective RRR 2.1.7 balances. Elexicon Energy provided calculations showing an Account 1588 balance as at December 31, 2017 of $222,256 and an Account 1589 balance as at December 31, 2017 of $3,498,002. However, OEB staff notes that the balances recorded through the RRR as at December 31, 2017 are a credit of $3,862,357 for Account 1588 and a credit of $793,539 for Account 1589.

Response:
To clarify, the date identified in the tab "Final RSVA Balances" was not fully displayed and as a result it was not apparent that it incorrectly referenced the RSVA amounts as being for December 31, 2017. The tab pulls data from other areas of the spreadsheet, all of which are exclusively related to 2019 data/transactions for January to June 2019. On the basis that the information provided in the "Final RSVA Balances" tab related only to Jan – June 2019, the amounts are not comparable to the 2017 RRR 2.1.7 balances for 1588 or 1589.

b) At the above-noted first reference, it appears that Elexicon Energy has provided a spreadsheet that is designed to mirror the OEB's illustrative commodity model issued on February 21, 2019 (as per the above-noted second reference).

However, the distributor's model does not fully capture all elements of the OEB's model. Please explain the deviations from the OEB's model.

Response:
As per follow up discussions with OEB staff, EV was given more clarity regarding this question and was advised to answer this question at a high level.

As outlined in Appendix F, based on a review of EV's current methodology as compared to the OEB's regulatory accounting guidance, the differences in methodology can be summarized generally as follows:

- Treatment of unaccounted for energy (UFE) - split between RPP and Non-RPP kWhs and the resulting dollar impact.
- Estimates of RPP Tiered kWh ratios vs. actuals RPP Tiered kWh ratios.
- Small differences in GA rates in months where posted rate is different from actual IESO invoice rate

In order to do the analysis, EV used a number of the OEB tables from the OEB's illustrative commodity model (primarily "Data for 2nd TU" tab) issued on February 21, 2019. As indicated in its application, EV has taken the tables and populated them with final trued-up information for wholesale, retail energy, and commodity cost actuals from IESO or other suppliers of energy (Hydro One, embedded generation). This allowed EV to:

- Review the final outcome of the OEB's regulatory accounting guidance and compare it against the process used by EV.
- Identify and quantify any adjusting entries to ensure the RSVA balances are aligned with the OEB's accounting guidance outcome retroactive to January 1, 2019 and to adjust its processes going forward to maintain alignment.

To support the review which covered six months of data, small adjustments/changes to the OEB model were necessary primarily to incorporate the following items:

- Adding in additional supply of energy provided by Hydro One
- Inserting actual GA rate for customers (embedded distributors) with bi-lateral agreements
- Weighting energy and GA rates to support a multi-month timeframe for the analysis for RPP and non-RPP

EV has reviewed and prepared its model for accuracy and completeness. The model is consistent with the key tables, format and approach used for the Elexicon – Whitby RZ

("EW") application (EB-2019-0130). If there are elements that are not fully captured that OEB Staff has determined will materially impact the outcome and result of the analyses, Elexicon Energy would appreciate further details regarding any concerns so that they can be appropriately addressed.

Staff-7

Ref: (1) Application, Appendix E-1: GA Methodology Description – Appendix A GA Methodology Description Questions on Accounts 1588 & 1589, page 2

Preamble:

At the above-noted reference, Elexicon Energy stated that in booking expense journal entries for Charge Type (CT) 1142 and CT 148 from the IESO invoice, it utilizes approach "b." In approach "b" CT 148 is booked into Account 1589. The portion of CT 1142 equaling RPP minus HOEP for RPP consumption is booked into Account 1588. The portion of CT 1142 equaling GA RPP is credited into Account 1589.

Questions:

a) Please explain why Elexicon Energy is using approach "b", which is a deviation from the OEB's methodology.

Response:
It is unclear why approach "b" was chosen historically. However, based on our review and analysis, it is clear that there is no difference in Account 1588 and 1589 balances once the true-ups are complete. As EV currently uses actual metered data for settlement claims with the IESO for CT1142, the actual split of CT 148 is known at the time the IESO invoice is received and booked into the applicable month. EV trues-up the final settlement claim with the IESO one month afterwards (for the 2nd estimate GA to actual GA rate per the IESO invoice), so there is very little time lag in trueing-up.

After careful review of the OEB accounting guidance, EV did a detailed review to ensure EV's 2019 outcomes and process going forward were adjusted so that Account balances in 1588 and 1589 were in alignment with the OEB's guidance. As a result, the rate riders for dispositions and customer impacts are appropriately handled. Despite there being no impact to balances or customers upon disposition, EV is prepared change the process going forward if the OEB requires it.

b) Please explain whether Elexicon Energy plans on changing its approach to the OEB's methodology which is approach "a". In approach "a" CT 1142 is booked into Account 1588 (i.e. Account 4705). CT 148 is pro-rated based on RPP/non-RPP consumption and then booked into Account 1588 and 1589 respectively (i.e. Account 4705 and Account 4707).

Response:
Please see response a).

Staff-10

Ref: (1) Application, Appendix E-1: GA Methodology Description – Appendix A GA Methodology Description Questions on Accounts 1588 & 1589, Questions on CT 1142, pages 2 & 3

Preamble:

At the above-noted reference, Elexicon Energy provided the following table which described the basis for truing up CT 1142 for 2018 and 2019.

	2018	2019
RPP TOU kWhs	Actual (retail)	Actual (wholesale)
RPP Tier 1& 2 kWhs	Actual (retail) With estimated tier ratio	Actual (wholesale) With actual tier ratio
RPP Global Adjustment	IESO published Class B actual GA rate	Actual Class B GA rate per IESO invoice
RPP Energy	IESO final settlement statement HOEP	IESO final settlement statement HOEP
Timing of True Up	Two calendar months post settlement month	One calendar month post settlement month

Question:

a) Please update the table to show a column for 2017 and explain any additional differences. Please file an updated version of the table in response to this question.

Response:
EV's 2017 true-up process was the same as 2018 and therefore there are no additional differences. The table has been updated to reflect 2017. The RPP Tier 1&2 kWhs line

in the chart also includes modified wording for greater clarity and consistency with Staff-3 a) 2).

	2017	2018	2019
RPP TOU kWhs	Actual (retail)	Actual (retail)	Actual (wholesale)
RPP Tier 1& 2 kWhs	Top down (wholesale) With estimated tier ratio	Top down (wholesale) With estimated tier ratio	Actual (wholesale) With actual tier ratio
RPP Global Adjustment	IESO published Class B actual GA rate	IESO published Class B actual GA rate	Actual Class B GA rate per IESO invoice
RPP Energy	IESO final settlement statement HOEP	IESO final settlement statement HOEP	IESO final settlement statement HOEP
Timing of True Up	Two calendar months post settlement month	Two calendar months post settlement month	One calendar month post settlement month

APPENDIX K:
CERTIFICATE OF EVIDENCE

Certification of Evidence

Attestation

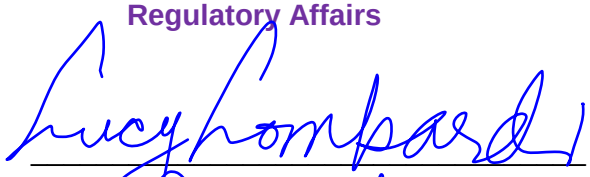
With respect to Elexicon Energy - Veridian Rate Zone's 2021 Annual IR Index Distribution Rate Application, I, Lucy Lombardi, Chief Financial Officer & Vice President, Regulatory Affairs of Elexicon Energy Inc. hereby certify that the evidence filed is accurate, consistent and complete to the best of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

Company Name: **Elexicon Energy Inc.**
Veridian Rate Zone

Certifier Details:

Name: **Lucy Lombardi**

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

Signature: 

Date: August 20, 2020

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APPENDIX L:
CHECKLIST

2021 IRM Checklist

Elexicon Energy - Veridian Rate Zone

EB-2020-0013

Filing Requirement Page # Reference

Date: August 20 2020

		Evidence Reference, Notes
IRM REQUIREMENTS		
3.1.2 Components of the Application Filing		
3	Manager's summary documenting and explain all rate adjustments requested	Application Introduction (3.1) and Manager's Summary
4	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact	Application pg 8
4	Completed Rate Generator Model and supplementary work forms, Excel and PDF	Appendix E Excel: "Elexicon_VRZ_2021_IRM-Rate-Generator-Model_20200820"
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 L Excel: "Elexicon_VRZ_2021_IRM_Checklist_20200820"
3.1.3 Applications and Electronic Models		
5	Populated GA Analysis Workform	Appendix F Excel: "Elexicon_VRZ_2021_GA Analysis_Workform_20200820"
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 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 Excel: "Elexicon_VRZ_2021_LRAMVA_Workform_20200820"
5	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub-accounts	Appendix G Excel: "Elexicon_VRZ_2021_1595_Analysis_Workform_20200820"
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 (Application pg 10)
3.2.3 Rate Design for Residential Electricity Customers		
Residential Rate Design - Exceptions and Mitigation (applicable only to distributors that have not completed the rate design transition)		Not Applicable (Application pg 10)
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	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 Excel: "Elexicon_VRZ_2021_IRM-Rate-Generator-Model_20200820"
10 - 11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	Application 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 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.	Not Applicable
12	GA rate riders calculated on an energy basis (kWh)	Not Applicable
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.	Not Applicable
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	Not Applicable
12 - 13	For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distrbutors are seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and explain discrepancies.	Appendix F Excel: "Elexicon_VRZ_2021_GA Analysis_Workform_20200820"

2021 IRM Checklist

Elexicon Energy - Veridian Rate Zone

EB-2020-0013

Filing Requirement Page # Reference

Date: August 20 2020

		Evidence Reference, Notes
IRM REQUIREMENTS		
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.	Application 3.2.5.3 (pg 14-16) Appendix J
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 14-16) Appendix J
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 K
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	Not Applicable
3.2.6 Lost Revenue Adjustment Mechanism Variance Account		
16 - 21	LRAMVA - disposition of balance. Distributors must provide version 5 of LRAMVA Work Form in a working Excel file when making LRAMVA requests for remaining amounts related to CFF activity. An application for lost revenues should include: Participation and Cost reports in Excel format, made available by the IESO. An application for lost revenues should also provide the following: - statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition - statement confirming LRAMVA based on verified savings results supported by the distributors final CDM Report and Persistence Savings Report (both filed in Excel format) and a statement indicating use of most recent input assumptions when calculating lost revenue - summary table with principal and carrying charges by rate class and resulting rate riders - statement providing the disposition period; rationale provided for disposing the balance in the LRAMVA if one or more classes do not generate significant rate riders - statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used - rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form) - statement confirming whether additional documentation was provided in support of projects that were not included in distributors final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable) - for a distributor's streetlighting project(s) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following information: o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS application o Confirmation that the street light upgrades represent incremental savings attributable to participation in the IESO program, and that any savings not attributable to the IESO program have been removed (for example, other upgrades under normal asset management plans) o Confirmation that the associated energy savings from the applicable IESO program have been removed from the LRAMVA workform so as not to double count savings (for example, if requesting lost revenue recovery for the demand savings from a street light upgrade program, the associated energy savings from the Retrofit program have been subtracted from the Retrofit total)	Application 3.2.6 (pg 16-22) Appendix A

2021 IRM Checklist

Elexicon Energy - Veridian Rate Zone

EB-2020-0013

Filing Requirement Page # Reference

Date: August 20 2020

		Evidence Reference, Notes
IRM REQUIREMENTS		
3.2.7 Tax Changes		
21	If applicable, tabs 8 and 9 of Rate Generator Model complete	Appendix E Excel: "Elexicon_VRZ_2021_IRM-Rate-Generator-Model_20200820"
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 pg 22-23
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 (Application pg 23)
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
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 (Application pg 23)
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 (Application pg 23-24)
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
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 pg 24)

2021 IRM Checklist

Elexicon Energy - Veridian Rate Zone

EB-2020-0013

Date: August 20 2020

Filing Requirement Page # Reference		Evidence Reference, Notes
IRM REQUIREMENTS		
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 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.	Appendix G Excel: "Elexicon_VRZ_2021_1595_Analysis_Workform_20200820"
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.	Not Applicable (Application pg 12-13)