

**Entegrus Powerlines Inc.** 

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entegrus.com

November 22, 2018

Ms. Kirsten Walli Ontario Energy Board PO Box 2319 27th Floor, 2300 Yonge Street Toronto, Ontario M4P 1E4

Re: 2019 IRM4 Rate Applications: Entegrus-Main Rate Zone & Entegrus St. Thomas Rate Zone

Board File No.: EB-2018-0024

Dear Ms. Walli,

On July 21, 2017, Entegrus Powerlines Inc. ("Entegrus") and St. Thomas Energy Inc. submitted a MAAD application (EB-2017-0212), seeking approval to amalgamate and continue as Entegrus. On March 15, 2018, the Board approved the amalgamation and the deferral of rate re-basing for the merged entity until 2026. Subsequently, Entegrus notified the Board that the transaction was complete effective April 1, 2018. On April 19, 2018, Entegrus received its amended Licence ED-2002-0563 and notification from the Board that the STEI Licence (ED-2002-0523) was cancelled.

As noted in EB-2017-0212, Entegrus plans to maintain two separate rate zones until such time as rates are re-based. Accordingly, in August 2018, Entegrus filed IRM rate applications for its two zones, as follows:

- Entegrus-Main, for distribution rates effective May 1, 2019; and,
- Entegrus-St. Thomas, for distribution rates effective January 1, 2019.

On November 7<sup>th</sup>, 2018, Entegrus received questions from OEB Staff related to these applications, seeking responses by November 16<sup>th</sup>, 2018.

On November 16<sup>th</sup>, 2018, Entegrus submitted responses to OEB Staff questions related to Entegrus-Main rate zone. At that time, Entegrus advised the Board that as a result of merger-related activities and recent staff turnover, it had encountered delays in preparing responses to OEB Staff questions specific to the Entegrus-St. Thomas rate zone's proposed 2015 and 2016 Group 1 variance account dispositions (with the exception of LRAMVA). It was further noted that management had commenced conducting additional analysis in this regard, which would not be complete within the timelines of the current IRM process (for distribution rates effective January 1, 2019). Accordingly, Entegrus noted its intention to update the 2019 Entegrus-St. Thomas IRM application to remove the proposed 2015 and 2016 Group 1 variance account disposition requests (with the exception of LRAMVA). Please find enclosed the updated 2019 IRM Rate Generator Model and responses to OEB Staff questions.



If you have any further questions, please do not hesitate to contact us.

Regards,

[Original signed by]

David Ferguson Vice President of Regulatory & Human Resources Phone: 519-352-6300 Ext 558

Email: david.ferguson@entegrus.com

cc: Marc Abramovitz, Ontario Energy Board

Jim Hogan, President & CEO

Chris Cowell, Chief Financial and Regulatory Officer Andrya Eagen, Manager of Regulatory & Reporting





# 2019 IRM Application

Responses to OEB Staff Questions

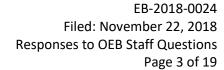
For Entegrus-STT Rate Zone

EB-2018-0024



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## **ATTACHMENTS**

- A. 2018 IRM Rate Generator Model
- B. LRAMVA Workform



# St. Thomas Rate Zone



Reference: 1595 Analysis Workform

In the 1595 Analysis Workform, the Applicant shows that a significant portion of the residual balance in Account 1595 (2014) pertains to the Residential and General Service 50 to 5,000 kW Rate Classes (\$38,965 and \$281,369, respectively).

a) Please explain the circumstances or events that caused the kWh or kW used in the denominator for the GA rate rider in these customer classes to vary so substantially from the consumption figures in which the rider was applied against.

## Response

a) Please note Entegrus-St. Thomas has updated its 2019 IRM Rate Generator Model to remove the Group One 2015 and 2016 balances as described in the cover letter attached. However, please see Entegrus-St. Thomas Manager's Summary dated August 22, 2018, Page 12.



### Reference: GA Analysis Workform

In the 2015 GA Analysis Workform, reconciling item 1b in the amount of (\$57,067) is described as an adjustment for 2015 that was recorded in the general ledger of 2017. However, the Applicant has recorded an adjustment in reconciling item 1a for \$57,067 for 2016.

- a) Please confirm that this reclassification entry was recorded in the 2017 general ledger.
- b) If the above is confirmed, please adjust the 2016 GA Analysis Workform to remove the amounts in item 1a, as the 2016 GA transactions do not require a reconciliation for items that did not affect the 2016 general ledger.
- c) Please confirm that there are no entries made in the 2016 general ledger that pertain to prior years, and that no amount should be reported in item 1a in the 2016 GA Analysis Workform.

- a) Confirmed.
- b) Please note Entegrus-St. Thomas has updated its 2019 IRM Rate Generator Model to remove the Group One 2015 and 2016 balances as described in the cover letter attached.
- c) Please see (b) above.



Reference: GA Analysis Workform

In the 2016 GA Analysis Workform, reconciling item 9 in the amount of (\$30,733) is described as an adjustment for interval customers that were billed on final GA rate effective July 1, 2016.

a) Please complete the GA Analysis Workform for 2016 for customers that were billed on the 1st estimate only. Note: Reconciling Item 9 of (\$30,733) should be removed.

## Response

a) Please note Entegrus-St. Thomas has updated its 2019 IRM Rate Generator Model to remove the Group One 2015 and 2016 balances as described in the cover letter attached.



### Reference: Manager's Summary, Page 6 of 7

In July 2016, Entegrus - St. Thomas commenced billing General Service > 50 kW interval customers on the IESO published Actual rate, instead of the IESO published 1st Estimate that it bills the other customers in the General Service > 50 kW customer classification. To facilitate appropriate allocation and rate rider calculation of the GA disposition, Entegrus - St. Thomas has treated these 24 customers as Class A customers within the model.

- a) Please explain why these 24 customers are paying the IESO published actual rate if the O.Reg 429/04 section 16(3) discusses that the same GA rate is to be used for all non-RPP Class B customers within a customer class.
- b) As of October 2018, are these customers still paying the IESO published actual rate? If not, when will they be switched back to the 1st Estimate?

- a) In July 2016, the former St. Thomas Energy Inc. ("STEI") moved its GS>50kW interval customers from 1st Estimate to Actual with an objective of reducing GA variances by removing the impact of estimation for the larger volume customers. At that time, STEI management was unaware of the O. Reg 429/04 section 16(3) requirement.
- b) Upon identification of this issue, Entegrus St. Thomas promptly switched these 24 customers back to 1<sup>st</sup> estimate billing effective for consumption starting May 1, 2018.



Reference: Tab 3 Continuity Schedule

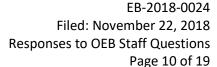
In section 5.1.7 of the manager's summary, Entegrus – St. Thomas requested that the CBR balances be transferred to Account 1580 and disposed through a rate rider to all class B customers as Entegrus – St. Thomas did not have any class A customers for the requested disposition period.

OEB staff has transferred the balances in Sub-Account CBR Class B to the 1580 main account.

a) Please review the updated model and confirm that OEB staff has updated the continuity schedule correctly.

## Response

a) Confirmed.





Reference: Tab 3 Continuity Schedule

Explain the credit balance of \$485,119 in Account 1595 (2016) under "OEB-Approved Disposition during 2016".

Response

Please note Entegrus-St. Thomas has updated its 2019 IRM Rate Generator Model to remove the Group One 2015 and 2016 balances as described in the cover letter attached. However, the credit balance of \$485,119 in Account 1595 (2016) reflects the approved Group One disposition from Page 9 the Decision and Rate Order issued December 10, 2015 in EB-2015-0102.



Reference: Tab 3 Continuity Schedule – Account 1588

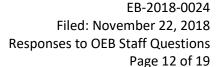
The total claim for Account 1588 is a credit of \$726,025 which is considered significant.

OEB staff notes that a principal adjustment in 2015 was made in the amount of ~\$1.77M relating to a reclassification entry booked in 2017 related to 2015 activity.

Please confirm that there were no similar reclassification adjustments required in 2016. If not, please explain the cause of the large credit balance.

## Response

Please note Entegrus-St. Thomas has updated its 2019 IRM Rate Generator Model to remove the Group One 2015 and 2016 balances as described in the cover letter attached.





Reference:

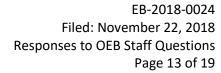
**Tab 3 Continuity Schedule** 

For Account 1595(2014) Entegrus St. Thomas has placed values into the OEB-Approved Disposition during 2016 for both principal and interest that do not match up those approved by the OEB in the 2016 Decision and Order (EB-2015-0102). OEB staff is aware that the summation of the principal and interest amounts do match the total claim amount of (\$12,806).

For completeness purposes, please replace the amounts in cells AU33 and AZ33 with the OEB Approved amounts outlined on Page 9 of the 2016 Decision and Rate Order (EB-2015-0102).

Response

Please note Entegrus-St. Thomas has updated its 2019 IRM Rate Generator Model to remove the Group One 2015 and 2016 balances as described in the cover letter attached.





Reference: Tab 3 Continuity Schedule

OEB staff notes that Entegrus – St. Thomas has requested not to dispose of its 2017 Group 1 balances. However, in the "Interest Adjustments during 2017" column, Entegrus – St. Thomas has a series of entries totaling a credit amount of \$13,896.

a) Please explain.

## Response

a) Please note Entegrus-St. Thomas has updated its 2019 IRM Rate Generator Model to remove the Group One 2015 and 2016 balances as described in the cover letter attached.



Reference: Updated Manager's summary page 1 of 7, Single metering configuration error

Entegrus St. Thomas noted that in September 2018 a single metering configuration error was identified relating to the March 2017 installation of an interval meter for a new GS > 50 kW account in the St. Thomas area. Entegrus has assessed that this error has a material impact on the 2017 variance account balances. Due to the error, Entegrus St. Thomas is proposing to dispose of only 2015 and 2016 Group 1 account balances and defer disposition of 2017 balances for its 2020 IRM Application.

- a) Quantify the impact and discuss how materiality was determined.
- b) Please explain the extent of the error. Did the error effect all group 1 balances or just particular accounts?

- a) The impact was a refund of \$1,193,439 to the customer. The reference to "material impact" in the Manager's Summary was intended to connote that the error was of significant dollar value. It is the practice of management to adjust for all known differences once determined.
- b) The error effected all Group 1 balances.



Reference: Manager's summary, 5.1.10 Price Cap Index Adjustment

Entegrus-St. Thomas has used the Rate Generator Model proxy values of 1.20% as the Price Escalator (GDP-IPI), a 0.0% Productivity Factor and the former Group III Stretch Factor Value of 0.30%, as per the Board's 2017 Benchmarking Update for Determination of 2017 Stretch Factor Rankings. These components result in an interim Price Cap Index of 0.90%.

In August 2018, the Empirical Research in Support of Incentive Rate-Setting: 2017 Benchmarking Update, Report to the Ontario Energy Board was revised. In the revised report, St. Thomas was moved to Group II with a stretch factor value of 0.15%.

OEB staff has updated sheet 16 of the IRM rate generator model.

a) Please review the updated model and confirm that OEB staff has updated Sheet 16 correctly.

## Response

a) Confirmed.



**Reference:** Tab 6 Carrying Charges

Entegrus St. Thomas Rate Zone applied for disposition of a debit balance of \$54,302 in lost revenues associated with new CDM program savings in 2016, including persisting savings from 2013 to 2015 in 2016 and carrying charges. Actual conservation savings were compared against Entegrus' forecasted conservation savings of 1,492,000 kWh set out in St. Thomas' 2011 cost of service application and 4,068,000 kWh set out in the 2015 cost of service application.

Please update the Q4 2018 interest rate in Table 6 to reflect the OEB's most recently approved prescribed interest rate for deferral and variance accounts.

Response

Entegrus-St. Thomas has updated the LRAMVA Workform accordingly. A copy of the LRAMVA Workform has been filed in live Excel format and a copy can be found in Attachment B of these responses.



### Reference: Tab 8 Street lighting (savings being claimed for 2016)

- a) Did Entegrus St. Thomas use the Board-approved load profile to convert energy savings to demand savings? Please discuss.
- b) Please explain the methodology to calculate street lighting savings as it uses cumulative gross kW reductions. How was the baseline savings determined?
- c) Please discuss how you calculated gross kW reduction for the streetlight project. Please provide the detailed calculations in excel format to calculate monthly demand billed kW, including the number of installations and replacements and the change in kW billed, pre- and post-installation, in order to determine the baseline kW, demand billed kW, and the kW reduction.
- d) Please confirm whether you have received reports from municipalities that confirm the number of lightbulbs replaced.

- a) The LRAMVA calculations are based on the *actual* lost revenues, as reflected on the bills issued to the municipalities which were adjusted after the LRAMVA project was implemented. It was not necessary to use a load profile to convert 2014 and 2015 energy savings into demand savings as demand was shown on the bills.
- b) Savings were calculated by comparing the billed amounts in each month against the billed amount in the previous month. Adjustments in the kilowatts billed are attributable to the streetlighting retrofit project. For example, the billed amount in April 2016 was 99.43 kW lower than the amount billed in March 2016 so the gross kW reduction was 99.43 kW. The May 2016 bill was for 107.96 kW less than the April 2016 bill, for a reduction in April of 107.96 kW and a cumulative reduction in April (relative to March) of 99.43 + 107.96 = 207.39 kW. These are gross reductions, before applying a net to gross factor.
- c) Please see file titled "Entegrus-STT\_Q13Calculations\_20181122.xlsx" filed as part of this submission.
- d) Confirmed.



#### Reference:

- a) Please file an excel copy of the 2017 Final Results Report for the Entegrus (St Thomas Rate Zone) if available.
- b) Please file an excel copy of the 2014 Persistence Savings Report for the Entegrus St Thomas Rate Zone.
- c) Please confirm any changes to the LRAMVA workform in "Table A-2. Updates to LRAMVA Disposition (Tab 2)" and file an updated LRAMVA work form.

- a) A copy of 2017 Final Results has been filed in live Excel format titled "Entegrus-STT\_2017FinalVerifiedResults\_20180629.xlsx".
- b) A copy of the 2014 Persistence Savings Report has been filed in live Excel format titled "Entegrus-STT\_2011-2014Persistence\_20160317.xlsx".
- c) A copy of the LRAMVA Workform has been filed in live Excel format and a copy can be found in Attachment B of these responses.



#### Reference: Tab 3-a. Rate Class Allocations

- a) Please confirm whether the allocation of verified savings was estimated for the two rate zones based on the IESO verified results for Entegrus St. Thomas in 2015 and 2016.
- b) If yes, please discuss how you determined the breakdown of savings by rate zone. Please provide a table in each of the LRAMVA workforms that outlines the rate zone split of the total savings for each IESO program, where individual rate zone savings were not provided by the IESO.

- a) IESO provided separate verified savings reports for Entegrus St. Thomas and Entegrus Main, and the LRAMVA was calculated independently for each. There was no need to allocate results across rate zones, as they were already reported by rate zone.
- b) Not applicable.



# **ATTACHMENT A**

2019 IRM Rate Generator Model



### Quick Link

Ontario Energy Board's 2019 Electricity Distribution Rates Webpage

		Version
Utility Name	St. Thomas Energy Inc.	
Assigned EB Number	EB-2018-0024	
Name of Contact and Title	Andrya Eagen, Manager of Regulatory and Reporting	
Phone Number	519-352-6300, Ext 243	
Email Address	regulatory@entegrus.com	
We are applying for rates effective	Tuesday, January 1, 2019	
Rate-Setting Method	Price Cap IR	
Please indicate in which Rate Year the Group 1 accounts were last cleared <sup>1</sup>	2016	
Please indicate the last Cost of Service Re-Basing Year	2015	
<u>Legend</u>		
Pale green cells represent input c	ells.	



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the application of column under 2015. For all accounts 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 viriage year as a December 31, 2017 regarders 595 viriage year the account is being requested for disposition. For each Account 1995 sub-account, start inputting data from 50 sub-accounts, as the property of approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number
Group 1 Accounts	
LV Variance Account	1550
Smart Metering Entity Charge Variance Account	1551
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580
RSVA - Retail Transmission Network Charge	1584
RSVA - Retail Transmission Connection Charge	1586
RSVA - Power <sup>4</sup>	1588
RSVA - Global Adjustment <sup>4</sup>	1589
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595
RSVA - Global Adjustment Total Group 1 Balance excluding Account 1589 - Global Adjustment	1589
Total Group 1 Balance	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568
Total including Account 1568	

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

- Please provide explorations to the nature of the adjustments. The adjustment relates to previously DES Approved disposed balances, please provide emprison for explanment and include supporting accountedations.

  2 if the LDCs rate year begins on almanary 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2019 so the December 31, 2019 so the
- The individual sub-accounts as well as the total for all Account 1995 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1995 sub-account, the traveler of the balance approved for disposition into Account reads to the substance approved for disposition into Account reads are considered. Such as the substance is the account after that have the completed. Centerally, no further transactions would be expected to flow through the account after that. Any virilege year of Account 1995 is only to be disposition on a final basis. No their dispositions of these accounts are first that. Any virilege year dispersable, unless justified by the distributor.

  Seed the TheAct to dispose of account feet health or in a final basis. No final feet and the sub-account is requested for disposition.

- 4 Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1588, applicants must reflect RPP Settlement true-to-gottame personing to the period that is being requested for disposition in Accounts 1588 and 1580. This is his indicated to see give the injective 16 GA as world. The mount requested for proposition starts with the activation of the control of the control of the settlement of the control of the settlement of the control of the co
- 5 Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2017, the balance must be explained.

3. Continuity Schedule



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the application of column under 2015. For all accounts 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 viriage year as a December 31, 2017 regarders 595 viriage year the account is being requested for disposition. For each Account 1995 sub-account, start inputting data from 50 sub-accounts, as the property of approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

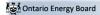
						2012					
Account Descriptions		Opening Principal Amounts as of Jan 1, 2012	Transactions Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments <sup>1</sup> during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments <sup>1</sup> during 2012	Closing Interest Amounts as of Dec 31, 2012
Group 1 Accounts											
LV Variance Account	1550					0					0
Smart Metering Entity Charge Variance Account	1551					0					0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580					0					0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580					0					0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580					0					0
RSVA - Retail Transmission Network Charge	1584					0					Ó
RSVA - Retail Transmission Connection Charge	1586					0					0
RSVA - Power <sup>4</sup>	1588					0					0
RSVA - Global Adjustment <sup>4</sup>	1589					0					0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595					0					0
RSVA - Global Adjustment	1589	0	(	) (	0	0	0	0	0	0	, ,
Total Group 1 Balance excluding Account 1589 - Global Adjustment	1309	0	(	) 0		0			0	0	
Total Group 1 Balance		0	Č						0		
			,		-	_	-	-	_	-	_
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568										
Total including Account 1568		0	(	) 0	0	0	0	0	0	0	, 0

- Please provide explorations to the nature of the adjustments. The adjustment relates to previously DES Approved disposed balances, please provide emprison for explanment and include supporting accountedations.

  2 if the LDCs rate year begins on almanary 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2019 so the December 31, 2019 so the
- The individual sub-accounts as well as the total for all Account 1995 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1995 sub-account, the traveler of the balance approved for disposition into Account column. The audited balance in the account is only to be disposed a pair affer the recomprising prior that been complieded. Generally, no further transactions would be expected to flow through the account after that. Any vintage year of Account 1995 is only to be disposed nor on a final basis. No further dispositions of these accounts are greatly expected threatest, unless justified by the distributor.

  Seed the Ticket to disposed account for technical in column BT if the sub-account is requested for disposition.

- 4 Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1588, applicants must reflect RPP Settlement true-to-gottame personing to the period that is being requested for disposition in Accounts 1588 and 1580. This is his indicated to see give the injective 16 GA as world. The mount requested for proposition starts with the activation of the control of the control of the settlement of the control of the settlement of the control of the co
- 5 Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2017, the balance must be explained.



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the application of column under 2015. For all accounts 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 viriage year as a December 31, 2017 regarders 595 viriage year the account is being requested for disposition. For each Account 1995 sub-account, start inputting data from 50 sub-accounts, as the property of approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

						2013					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2013	Transactions Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments <sup>1</sup> during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments <sup>1</sup> during 2013	Closing Interest Amounts as of Dec 31, 2013
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B5	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power <sup>4</sup>	1588	0				0	0				0
RSVA - Global Adjustment <sup>4</sup>	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0				0	0				0
Disposition and recovery/restand or regulatory Databased (2017)	1333	· ·					0				· ·
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	C	) (	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	C		0	0	0	0		0	0
Total Group 1 Balance		0	C	) (	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0					0
Total including Account 1568		0	C	) (	0	0	0	0	0	0	0

- Please provide explorations to the nature of the adjustments. The adjustment relates to previously DES Approved disposed balances, please provide emprison for explanment and include supporting accountedations.

  2 if the LDCs rate year begins on almanary 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2019 so the December 31, 2019 so the
- The individual sub-accounts as well as the total for all Account 1995 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1995 sub-account, the transfer of the behavior approved for disposition into Account and the property of th

- 4 Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1588, applicants must reflect RPP Settlement true-to-gottame personing to the period that is being requested for disposition in Accounts 1588 and 1580. This is his indicated to see give the injective 16 GA as world. The mount requested for proposition starts with the activation of the control of the control of the settlement of the control of the settlement of the control of the co
- 5 Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2017, the balance must be explained.



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the application of column under 2015. For all accounts 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 viriage year as a December 31, 2017 regarders 595 viriage year the account is being requested for disposition. For each Account 1995 sub-account, start inputting data from 50 sub-accounts, as the property of approved for disposition was first transferred into Account 1595 (2015).

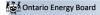
Please refer to the footnotes for further instructions.

						2014										2015	
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2014	Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments <sup>1</sup> during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments <sup>1</sup> during 2014	Closing Interest Amounts as of Dec 31, 2014	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments <sup>1</sup> during 2015	Closing Principal Balance as of Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015
Group 1 Accounts																	
LV Variance Account	1550	0				0	(				0	0				0	0
Smart Metering Entity Charge Variance Account	1551	0				0	(				0	0				0	0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0				0	(				0	0				0	0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	(				0	0				0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	(				0	0				0	0
RSVA - Retail Transmission Network Charge	1584	0				0	(				0	0				0	0
RSVA - Retail Transmission Connection Charge	1586	0				0	(				0	0				0	0
RSVA - Power <sup>4</sup>	1588	0				0	(				0	0				0	0
RSVA - Global Adjustment <sup>4</sup>	1589	0				0	(				0	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0				0	(				0	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0				0	(				0	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	(				0	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	(				0	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0				0	(				0	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0				0	(				0	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>																	
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	(				0	0				0	0
RSVA - Global Adjustment	1589																
Total Group 1 Balance excluding Account 1589 - Global Adjustment	1589	0	U		0	0				0	0	0	(		0	0	
Total Group 1 Balance		1 0	0			0				0	0	0	(	, ,	0	0	. 0
Total Group I Balanco		ľ	•			· ·	,			0	0	ľ	,	,	0	· ·	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	(				0	0				0	0
1170		Î															
Total including Account 1568		0	0	0	0	0	(	0	0	0	0	0	(	) (	0	0	0

- Please provide explorations to the nature of the adjustments. The adjustment relates to previously DES Approved disposed balances, please provide emprison for explanment and include supporting accountedations.

  2 if the LDCs rate year begins on almanary 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2019 so the December 31, 2019 so the
- The individual sub-accounts as well as the total for all Account 1995 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1995 sub-account, the transfer of the behavior approved for disposition into Account and the property of th

- 4 Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1588, applicants must reflect RPP Settlement true-to-gottame personing to the period that is being requested for disposition in Accounts 1588 and 1580. This is his indicated to see give the injective 16 GA as world. The mount requested for proposition starts with the activation of the control of the control of the settlement of the control of the settlement of the control of the co
- 5 Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2017, the balance must be explained.



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the application of column under 2015. For all accounts 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 viriage year as a December 31, 2017 regarders 595 viriage year the account is being requested for disposition. For each Account 1995 sub-account, start inputting data from 50 sub-accounts, as the property of approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number	Interest Jan 1 to Dec 31, 2015	OEB-Approved Disposition during 2015	Interest Adjustments <sup>1</sup> during 2015	Closing Interest Amounts as of Dec 31, 2015
Group 1 Accounts					
LV Variance Account	1550				0
Smart Metering Entity Charge Variance Account	1551				0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580				0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580				C
RSVA - Retail Transmission Network Charge	1584				0
RSVA - Retail Transmission Connection Charge	1586				0
RSVA - Power <sup>4</sup>	1588				C
RSVA - Global Adjustment <sup>4</sup>	1589				C
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595				0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595				0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595				C
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595				C
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595				C
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595				C
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>					
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	i			C
RSVA - Global Adjustment	1589	0	0	0	-
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	-
Total Group 1 Balance		0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568				(
Total including Account 1568		0	0	0	C

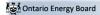
- Please provide explorations to the nature of the adjustments. The adjustment relates to previously DES Approved disposed balances, please provide emprison for explanment and include supporting accountedations.

  2 if the LDCs rate year begins on almanary 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2019 so the December 31, 2019 so the
- The individual sub-accounts as well as the total for all Account 1995 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1995 sub-account, the traveler of the balance approved for disposition into Account column. The audited balance in the account is only to be disposed a pair affer the recomprising prior that been complieded. Generally, no further transactions would be expected to flow through the account after that. Any vintage year of Account 1995 is only to be disposed nor on a final basis. No further dispositions of these accounts are greatly expected threatest, unless justified by the distributor.

  Seed the Ticket to disposed account for technical in column BT if the sub-account is requested for disposition.

- 4 Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1588, applicants must reflect RPP Settlement true-to-gottame personing to the period that is being requested for disposition in Accounts 1588 and 1580. This is his indicated to see give the injective 16 GA as world. The mount requested for proposition starts with the activation of the control of the control of the settlement of the control of the settlement of the control of the co
- 5 Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2017, the balance must be explained.

ontinuity Schedule		



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the application of column under 2015. For all accounts 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 viriage year as a December 31, 2017 regarders 595 viriage year the account is being requested for disposition. For each Account 1995 sub-account, start inputting data from 50 sub-accounts, start inputting data from 60 approved for disposition was first transferred into Account 1595 (2015).

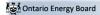
Please refer to the footnotes for further instructions.

						2016										2017	
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit/ (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments <sup>1</sup> during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments <sup>1</sup> during 2016	Closing Interest Amounts as of Dec 31, 2016	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments <sup>1</sup> during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017
Group 1 Accounts																	
LV Variance Account	1550	0					0				C	0				0	0
Smart Metering Entity Charge Variance Account	1551	0					0				0	0				0	0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0				C	0				C	0				0	0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				C	0				C	0				0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				C	0				C	0				0	0
RSVA - Retail Transmission Network Charge	1584	0				C	0				C	0				0	0
RSVA - Retail Transmission Connection Charge	1586	0				C	0				C	0				0	0
RSVA - Power <sup>4</sup>	1588	0				C	0				C	0				0	0
RSVA - Global Adjustment <sup>4</sup>	1589	0				C	0				C	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0				c	0				C	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0				C	0				C	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				c	0				C	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0					0				c	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0				c	) 0				C	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0				c	0				C	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>																	
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				C	0				C	0				0	0
RSVA - Global Adjustment	1589	0	0	0	0		0	c	0	0	C	0	(	) 0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	Ċ	0	c	0	0	C	0	· ·	) 0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	C	0	0	C	0	(	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0			52,484	52,484	1 0			1,818	1,818	52,484				52,484	1,818
Total including Account 1568		0	0	0	52,484	52,484	1 0	C	0	1,818	1.818	52,484		) 0	0	52,484	1,818

- Please provide explorations to the nature of the adjustments. The adjustment relates to previously DES Approved disposed balances, please provide emprison for explanment and include supporting accountedations.

  2 if the LDCs rate year begins on almanary 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2019 so the December 31, 2019 so the
- The individual sub-accounts as well as the total for all Account 1995 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1995 sub-account, the transfer of the behavior approved for disposition into Account and the property of th

- 4 Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1588, applicants must reflect RPP Settlement true-to-gottame personing to the period that is being requested for disposition in Accounts 1588 and 1580. This is his indicated to see give the injective 16 GA as world. The mount requested for proposition starts with the activation of the control of the control of the settlement of the control of the settlement of the control of the co
- 5 Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2017, the balance must be explained.



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the Adjustment column under 2015. For all nazoum 1595 sub-accounts, complete the DVA continuity schedule for each Account 1595 sub-accounts, complete the DVA continuity schedule for each Account 1595 situage year 1595 year 1 approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

If you had any Class A customers at any point during the period that the Account 1589 GA balance accumulated (i.e. from the year the balance was last disposed to 2017), check off the checkbox.

If you had Class A customer(s) during this period, Tab 6 will be generated and applicants must complete the information pertaining to Class A customers.

If you had any customers classified as Class A at any point during the period where Account 1580, sub-account CBR Class B balance accumulated (i.e. 2017 or 2017 to 2016 or 2015 to 2017), check off the checkbox.

If you had Class A customer(s) during this period, Tab 6.2 will be generated.

Account 1580, sub-account CBR Class B will be disposed through a separate rate rider calculated in Tab 6.2.

If you only had Class B customers during this period, the balance in 1580 sub-account CBR Class B will be allocated and disposed with Account 1580 WMS.

							2	2018		Projected Interest on Dec-31-17 Balances				2.1.7 RRR
Account Descriptions	Account Number	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments <sup>1</sup> during 2017	Closing Interest Amounts as of Dec 31, 2017	Principal Disposition during 2018 - instructed by OEB	Interest Disposition during 2018 - instructed by OEB	Closing Principal Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Closing Interest Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Projected Interest from Jan 1, 2018 to Dec 31, 2018 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Projected Interest from Jan 1, 2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Total Interest Total Cla	im	As of Dec 31, 2017
Group 1 Accounts														
LV Variance Account	1550				0			0	0			0	0	0
Smart Metering Entity Charge Variance Account	1551				0			0	0			0	0	(16,544)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580				0			0	0			0	0	(1,089,766)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580				0			0	0			0	0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580				0			0	0			0	0	0
RSVA - Retail Transmission Network Charge	1584				0			0	0			0	0	(217,555)
RSVA - Retail Transmission Connection Charge	1586				0			0	0			0	0	(55,440)
RSVA - Power <sup>4</sup>	1588				0			0	0			0	0	(1,402,950)
RSVA - Global Adjustment <sup>4</sup>	1589				0			0	0			0	0	913,949
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595				0			0	0			O Check to Dispose of Account	0	33
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595				0			0	0			O Deck to Dispose of Account	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595				0			0	0			Oreck to Dispose of Account	0	196,762
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595				0			0	0			O Check to Dispose of Account	0	11,483
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595				0			0	0			O Deck to Dispose of Account	0	17,926
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595				0			0	0			() Deck to Dispose of Account	0	0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup> Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595				0			0	0			O (Clark to Dismove of Account	0	
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0	0	0	913,949
Total Group 1 Balance excluding Account 1589 - Global Adjustment	.000	o o	0	0	o	o	0	0	0	o o	0	0	0	(2,556,050)
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	0	0	ō	(1,642,101)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568				1,818			52,484	1,818	0		1,818	54,302	15,336
Total including Account 1568		0	0	0	1,818	0	0	52,484	1,818	0	0	1,818	54,302	(1,626,764)

- 1 Please provide explosations for the nature of the adjustments. The adjustment relates to previously OEB Approved disposed ballows pulses provide smooth for adjustments in dischast exporting adcornentations.

  2 file LDC for risk year begins on January 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2019 ballows estigated for the disposed ballowses projected by the OEB in the JOEB risk decision. The LDC's risk year begins on May 1, 2019, the projected interest is recorded from January 1, 2018 to April 30, 2019 on the December 31, 2017 ballows estigated for the disposed interest ballows exported from January 1, 2018 to April 30, 2019 on the December 31, 2017 ballows explained for the disposed interest ballows exported by the OEB in the 2018 size of the December 31, 2017 ballows explained for the disposed interest ballows exported by the OEB in the 2018 size of the December 31, 2017 ballows explained for the disposed interest ballows exported by the OEB in the 2018 size of the 201
- The sufficient sharp accounts as well as the test for all account 1556 as boccords in to agree to the RRR data. Difference meet to be explained. For each Account 1556 as boccount the resident of the shadows appended for eighteen has Account 1556 in to be recorded in 10EB approved Disposition 1556 are to see that the resident of 1556 as the second in 1556 are to be recorded in 10EB approved Disposition of cultum. The eaction of 1556 are to 1556 as the record of 1556 are to 1556 as the record of 1556 are to 1556 as the record of 1556 are to 1556 as the completed. Generally, no further transactions would be expected to flow through the account after that. Any virtupe year of Account 1556 is only to be disposed onto on a final basis. No further dispositions of these accounts are permistly operated. thereafter, unless justified by the distributor.

  Select the "Check to dispose of account" checkbox in column BT if the sub-account is requested for disposition.

- 4 Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1588, applicants must reflect RPP Settlement true-to-going personal pers
- 5 Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2017, the balance must be explained.



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the application of column under 2015. For all accounts 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 sub-accounts, complete the DVA continuity schedule for each Account 1995 viriage year 1995 viriage year as a December 31, 2017 regarders 595 viriage year the account is being requested for disposition. For each Account 1995 sub-account, start inputting data from 50 sub-accounts, start inputting data from 60 approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number	Variance RRR vs. 2017 Balance (Principal + Interest)
Group 1 Accounts		
LV Variance Account	1550	0
Smart Metering Entity Charge Variance Account	1551	(16,544)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,089,766)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0
RSVA - Retail Transmission Network Charge	1584	(217,555)
RSVA - Retail Transmission Connection Charge	1586	(55,440)
RSVA - Power <sup>4</sup>	1588	(1,402,950)
RSVA - Global Adjustment <sup>4</sup>	1589	913,949
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	33
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	196,762
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	11,483
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	17,926
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>		
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0
RSVA - Global Adjustment	1589	913,949
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(2,556,050)
Total Group 1 Balance		(1,642,101)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	(38,966)
Total including Account 1568		(1,681,066)

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

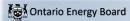
- Please provide explorations to fine nature of the adjustments. The adjustment relates to previously DES Approved disposed balances, please provide emprison for explanments in disches exploring indicomentations.

  2 if the LDCs rate year begins on almanary 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2019 so the December 31, 2019 so th
- The individual sub-accounts as well as the total for all Account 1995 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1995 sub-account, the traveler of the balance approved for disposition 190x Account column. The subtle balance in the account is only to be disposed as year after the recovery future prior to that been completed. Generally, no further transactions would be expected to flow through the account after that. Any viraley eyes of Account 1995 is only to be disposed notion on a final basis. No hither dispositions of these accounts are permissive product three-their, unless justified by the distributor.

  Select the "Click" to dispose of account feet in excluding the sub-account is requested for disposition.

- 4 Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1588, applicants must reflect RPP Settlement true-to-gottame personing to the period that is being requested for disposition in Accounts 1588 and 1580. This is his indicated to see give the injective 16 GA as world. The mount requested for proposition starts with the activation of the control of the control of the settlement of the control of the settlement of the control of the co
- 5 Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2017, the balance must be explained.

3. Continuity Schedule



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

Click on the checkbox to confirm the accuracy of the data below:

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

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non- RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	114,039,828	0	7,298,027	0	0	0	114,039,828	0	21,022	15,651
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	38,212,022	0	8,128,049	0	0	0	38,212,022	0	19,624	1,737
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	121,192,720	304,933	109,740,596	272,784	3,784,935	7228	117,407,785	297,705	13,596	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	50,825	141	2,493	6	0	0	50,825	141		
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,808,127	5,031	1,805,410	5,023	0	0	1,808,127	5,031	60	
·	Total	275,303,522	310,105	126,974,575	277,813	3,784,935	7,228	271,518,587	302,877	54,302	17,388

#### Threshold Test

Total Claim (including Account 1568)

Total Claim for Threshold Test (All Group 1 Accounts)

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

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.

\$54,302 \$0 \$0,0000

\$0.0000 Claim does not meet the threshold test.

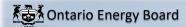


<sup>&</sup>lt;sup>1</sup> Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

1568 Account Balance from Continuity Schedule 54,302
Total Balance of Account 1568 in Column S matches the amount entered on the Continuity Schedule

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

<sup>&</sup>lt;sup>3</sup> The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.



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

### **Allocation of Group 1 Accounts (including Account 1568)**

		% of Customer	% of Total kWh adjusted for			allocated based on Total less WMP		allocated based on Total less WMP		
Rate Class	% of Total kWh	Numbers **	WMP	1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	41.4%	90.0%	42.0%	0	0	0	0	0	0	21,022
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	13.9%	10.0%	14.1%	0	0	0	0	0	0	19,624
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	44.0%	0.0%	43.2%	0	0	0	0	0	0	13,596
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0	0
STREET LIGHTING SERVICE CLASSIFICATION	0.7%	0.0%	0.7%	0	0	0	0	0	0	60
Total	100.0%	100.0%	100.0%	0	0	0	0	0	0	54,302

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



1	Please select the Year the Account 1580 CBR Class B was Last Disposed	2014	(e.g. If in the 2018 EDR process, you received approval to dispose the GA variance account balance as at December 31, 2016, enter 2016.)						
2a	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed to 2017)?		(e.g. If you received approval to dispose of the GA variance account balance as at December 31, 2015, the period the GA variance accumulated would be 2016 and 2017.)						
2b	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed to 2017)?	<b>S</b> Yes	(e.g. If you received approval to dispose of the CBR Class B balance as at December 31, 2016, the period the CBR Class B variance accumulated would be 2017.)						
3a	Enter the number of transition customers you had during the period the Account 1589 GA balance accumulated.								
		Transition Customers -	Non-loss Adjusted Billing Determinants by Customer						
		Customer	Rate Class	2017 January to June July to December	2016 January to June July to December	January to June July to December			
		Customer	Rate Class	January to June July to December	January to June July to December	January to June July to December			
3b	Enter the number of customers who were Class A during the entire period since the Account 1589 GA balance accumulated (i.e. did not transition between Class A and B).								
			ing Determinants by Customer						
		Customer	Rate Class	2017	2016	2015			



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

Year the Account 1589 GA Balance Last Disposed

2014

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

		Total	2017	2016	2015
Total Non-RPP Class B Consumption for Years During Balance Accumulation (Non-RPP Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A				
Transition Customers' Class B Consumption (i.e. full year or partial year)	В		-	-	-
Transition Customers' Portion of Total Consumption	C=B/A	0.00%			

#### Allocation of Total GA Balance \$

Total GA Balance	D	\$ -
Transition Customers Portion of GA Balance	E=C*D	\$ -
GA Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	\$ -

Allocation of GA Balances to Class A/B Transition Customer	S		_					
# of Class A/B Transition Customers		0						
Customer		Total Metered Consumption (kWh) for Transition Customers During the Period WhenThey Were Class B Customers	Transition Customers During the	During the Period When They	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2015		When They Were a Class B	Monthly Equal Payments
Total		0	0	C	0	0.00%	, \$ -	

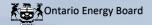


The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the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

9		
١.		
	Default Rate Rider Recovery Period (in months)	12
	Proposed Rate Rider Recovery Period (in months)	12

Rate Rider Recovery to be used below

					months)	12	mate maer necovery to	ie useu below	
		Total Metered Non-RPP 2017 Consumption excluding WMP	Total Metered 2017 Consumption for Class A Customers that were Class A for the entire period GA blance accumulated Total Metered 2017 Consumption for Customers that Transitioned Between Class A and B during the		Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B		
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	7,298,027	0	0	7,298,027	5.7%	\$0	\$0.0000	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	8,128,049	0	0	8,128,049	6.4%	\$0	\$0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	109,740,596	0	0	109,740,596	86.4%	\$0	\$0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	2,493	0	0	2,493	0.0%	\$0	\$0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,805,410	0	0	1,805,410	1.4%	\$0	\$0.0000	kWh
	Total	126,974,575	0	0	126,974,575	100.0%	\$0		



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

Please enter the Year the Account 1580 CBR Class B was Last Disposed.

Never
Disposed

(Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

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

		Total	2017	2016	2015
Total Class B Consumption for Years During Balance Accumulation (Total Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A				
Transition Customers' Class B Consumption (i.e. full year or partial year)	В		=	=	=
Transition Customers' Portion of Total Consumption	C=B/A	0.00%	-	-	-

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

Allocation of Total OBIT Glass B Balance \$		
Total CBR Class B Balance	D	\$ -
Transition Customers Portion of CBR Class B Balance	E=D*C	\$ -
CBR Class B Balance to be disposed to Current Class B Customers		
through Rate Rider	F=D-E	¢ _

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	0						
Customer	Customers During the Period When	Customers During the Period	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2016	(kWh) for Transition Customers During the Period When They			Monthly Equal Payments
Total	The state of the s	=	-	-	0.00%	\$ -	\$ -



The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

Please select the Year the Account 1580 CBR Class B was Last Disposed.

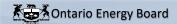
Never Disposed

(Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

Total Metered 2017 Consumption for Class

RESIDENTIAL SERVICE CLASSIFICATION
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION
SENTINEL LIGHTING SERVICE CLASSIFICATION
STREET LIGHTING SERVICE CLASSIFICATION

	Total Metered 2017 Consumption Minus WMP		Total Metered 2017 Consumption entire period CBR Class					Metered Consumption for Cur Customers (Total Consumption LE A and Transition Customers' C	Total CBR Class B \$ allocated to Current % of total kWh Class B Customers		CBR Class B Rate Rider	Unit	
	kWh	kW	kWh	kW	kWh		kW	kWh	kW				
kWh	114,039,828	0	0	0		0	0	114,039,828	0	42.0%	\$0	\$0.0000	kWh
kWh	38,212,022	0	0	0		0	0	38,212,022	0	14.1%	\$0	\$0.0000	kWh
kWh	117,407,785	297,705	0	0		0	0	117,407,785	297,705	43.2%	\$0	\$0.0000	kW
kWh	50,825	141	0	0		0	0	50,825	141	0.0%	\$0	\$0.0000	kW
kWh	1,808,127	5,031	0	0	1	0	0	1,808,127	5,031	0.7%	\$0	\$0.0000	kW
Total	271.518.587	302.877	0	0	1	0	0	271.518.587	302.877	100.0%	\$0		



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

Default Rate Rider Recovery Period (in months)
DVA Proposed Rate Rider Recovery Period (in months)
LRAM Proposed Rate Rider Recovery Period (in months)

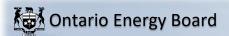
12	
12	Rate Rider Recovery to be used below
12	Rate Rider Recovery to be used below

							, mooding .		20.0		
				Total Metered	Total Metered	Allocation of Group 1	Account Balances to Non-	Deferral/Variance	Account Rate Rider for		
		<b>Total Metered</b>	Metered kW	kWh less WMP	kW less WMP	<b>Account Balances to All</b>	WMP Classes Only (If	Account Rate	Non-WMP	Account 1568	
Rate Class	Unit	kWh	or kVA	consumption	consumption	Classes <sup>2</sup>	Applicable) <sup>2</sup>	Rider <sup>2</sup>	(if applicable) 2	Rate Rider	Revenue Reconcila
RESIDENTIAL SERVICE CLASSIFICATION	kWh	114,039,828	0	114,039,828	0	0		0.0000	0.0000	0.0002	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	38,212,022	0	38,212,022	0	0		0.0000	0.0000	0.0005	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	121,192,720	304,933	117,407,785	297,705	0		0.0000	0.0000	0.0446	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	50,825	141	50,825	141	0		0.0000	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,808,127	5,031	1,808,127	5,031	0		0.0000	0.0000	0.0119	

0.00

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

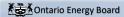
<sup>&</sup>lt;sup>2</sup> Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column G and disposed through a combined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



## **Summary - Sharing of Tax Change Forecast Amounts**

For the 2015 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

1. Tax Related Amounts Forecast from Capital Tax Rate Changes	2015		2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	29,311,377	\$	29,311,377
Deduction from taxable capital up to \$15,000,000		\$	-
Net Taxable Capital	\$ 29,311,377	\$	29,311,377
Rate			0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$	-
2. Tax Related Amounts Forecast from Income Tax Rate Changes Regulatory Taxable Income	\$ 104,855	\$	104,855
Corporate Tax Rate	26.50%		26.50%
Tax Impact	\$ 27,787	\$	27,787
Grossed-up Tax Amount	\$ 37,805	\$	37,805
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$	-
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 37,805	\$	37,805
Total Tax Related Amounts	\$ 37,805	\$	37,805
Incremental Tax Savings		-\$	0
Sharing of Tax Amount (50%)		-\$	0

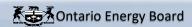


Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H.

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	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW	Service Charge Revenue	Volumetric Rate Revenue kWh	Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Volumetric Rate % Revenue kWh	Rate  Revenue  kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
Total		0	0	0				0	0	0	0				0.0%

Rate Class	Total kWh (most recent RRR filing)	(most recent RRR filing)	Savings by Rate Class	Distribution Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION kWh	114,039,828		0	0.00	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION kWh	38,212,022		0	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION kW	121,192,720	304,933	0	0.0000	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION kW	50,825	141	0	0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION KW	1,808,127	5,031	0	0.0000	kW
Total	275,303,522	310,105	(\$0)		

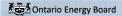


Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes 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	0.0068	114,039,828	0	1.0393	118,521,593
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	114,039,828	0	1.0393	118,521,593
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	38,212,022	0	1.0393	39,713,754
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	38,212,022	0	1.0393	39,713,754
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7220	121,192,720	304,933		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3169	121,192,720	304,933		
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7108	50,825	141		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4553	50,825	141		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0989	1,808,127	5,031		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1 7864	1 808 127	5 031		



Uniform Transmission Rates	Unit	2017		2018	2019
Rate Description		Rate		Rate	Rate
Network Service Rate	kW	\$	3.66	\$ 3.61	\$ 3.61
Line Connection Service Rate	kW	\$	0.87	\$ 0.95	\$ 0.95
Transformation Connection Service Rate	kW	\$	2.02	\$ 2.34	\$ 2.34
Hydro One Sub-Transmission Rates	Unit	2017		2018	2019
Rate Description		Rate		Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.1942	\$ 3.1942
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7710	\$ 0.7710
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.7493	\$ 1.7493
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.5203	\$ 2.5203
If needed, add extra host here. (I)	Unit	2017		2018	2019
Rate Description		Rate		Rate	Rate
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	\$ -
Both Line and Transformation Connection Service Rate  If needed, add extra host here. (II)		\$ 2017		\$ 2018	\$ 2019
	kW	\$ 2017 Rate	-	\$ 2018	\$ 2019
If needed, add extra host here. (II)	kW	\$	-	\$	\$
If needed, add extra host here. (II)  Rate Description	kW Unit	\$		\$	\$
If needed, add extra host here. (II)  Rate Description  Network Service Rate	kW Unit kW	\$		\$	\$
If needed, add extra host here. (II)  Rate Description  Network Service Rate  Line Connection Service Rate	kW Unit kW kW	\$		\$	\$
If needed, add extra host here. (II)  Rate Description  Network Service Rate  Line Connection Service Rate  Transformation Connection Service Rate	kW  kW  kW			\$	\$



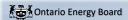
In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed. If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check offiling data entered in "Units Billing" 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 Month	Units Billed	Network Rate	Amount	Lir Units Billed	ne Connect Rate	on Amount	Transfor Units Billed	mation Co Rate	nnection Amount		Connection Amount
monu.											
January	42,858		\$ 156,860	43,380	\$0.87	\$ 37,741	43,380	\$2.02	\$ 87,628	\$	125,368
February	41,381	\$3.66	\$ 151,454	41,381	\$0.87	\$ 36,001	41,381	\$2.02	\$ 83,590	\$	119,591
March	39,914	\$3.66	\$ 146,085	40,707	\$0.87	\$ 35,415	40,707	\$2.02	\$ 82,228	\$	117,643
April	37,249		\$ 136,331	37,249	\$0.87	\$ 32,407	37,249	\$2.02	\$ 75,243	\$	107,650
May	36,479	\$3.66	\$ 133,513	36,870	\$0.87	\$ 32,077	36,870	\$2.02	\$ 74,477	\$	106,554
June	48,873	\$3.66	\$ 178,875	51,278	\$0.87	\$ 44,612	51,278	\$2.02	\$ 103,582	\$	148,193
July	51,245	\$3.66	\$ 187,557	53,865	\$0.87	\$ 46,863	53,865	\$2.02	\$ 108,807	\$	155,670
August	50,840		\$ 186,074	53,133	\$0.87	\$ 46,226	53,133	\$2.02	\$ 107,329	\$	153,554
September	53,509		\$ 195,843	54,276	\$0.87	\$ 47,220	54,276	\$2.02	\$ 109,638	\$	156,858
October	38,949		\$ 142,553	38,949	\$0.87	\$ 33,886	38,949	\$2.02	\$ 78,677	\$	112,563
November	40,423	\$3.52 \$3.52	\$ 142,289 \$ 155,482	40,531	\$0.88	\$ 35,667 \$ 39,483	40,531	\$2.13	\$ 86,331 \$ 95,567	\$ \$	121,998
December	44,171	\$3.52	\$ 155,482	44,867	\$0.88	\$ 39,483	44,867	\$2.13	\$ 95,567	\$	135,050
Total	525,891 \$	3.64	\$ 1,912,918	536,486	\$ 0.87	\$ 467,597	536,486	\$ 2.04	\$ 1,093,096	\$	1,560,692
Hydro One		Network		Li	ne Connect	on	Transfor	mation Co	nnection	Total	Connection
										10101	Commodium
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	2	Amount
January		\$0.0000			\$0.0000			\$0.0000		\$	-
February		\$0.0000			\$0.0000			\$0.0000		\$	-
March		\$0.0000			\$0.0000			\$0.0000		\$	-
April		\$0.0000			\$0.0000			\$0.0000		\$	-
May		\$0.0000			\$0.0000			\$0.0000		\$	
June		\$0.0000			\$0.0000			\$0.0000		\$	-
July		\$0.0000			\$0.0000			\$0.0000		\$	-
August		\$0.0000			\$0.0000			\$0.0000		Š	
September		\$0.0000			\$0.0000			\$0.0000		Š	
October		\$0.0000			\$0.0000			\$0.0000		Š	
November		\$0.0000			\$0.0000			\$0.0000		Š	
December		\$0.0000			\$0.0000			\$0.0000		\$	
Total	. \$		\$ -		\$ -	\$ -		s -	\$ -	S	-
Add Extra Host Here (I)		Network			ne Connect	on	Transfer	mation Co	nnection		Connection
(if needed)											
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	2	Amount
January	S				s -			s -		\$	
February	Š				š -			š -		\$	
March	Š				š -			\$ -		\$	
April	\$				s -			\$ -		\$	
May	\$				s -			\$ -		\$	
June	Š				š -			š -		\$	
July	Š				š .			\$ -		\$	
August	\$				ě .			š -		\$	
September	\$				s -			\$ -		\$	
October	\$	- :			\$ -			\$ -		\$	
November	\$				\$ -			\$ -		\$	
December	\$				\$ -			\$ -		\$	-
Total			ę .		s .	<u> </u>		٤.	<u> </u>	\$	
Add Sides Heat Heat (II)		Network		12	ne Connect	an .	Transfer	mation Co	nnestien		0
Add Extra Host Here (II)  (if needed)	1	Network		LII	ne Connect	on	Transfor	mation co	nnection	lotal	Connection
Month		Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
	Units Billed	ruic									
January					ς.			٠.		\$	
January February	\$	-								\$	
February	\$	-			\$ -			\$ -		\$	
February March	\$ \$ \$	-			\$ - \$ -			\$ - \$ -		\$ \$	-
February March April	\$ \$ \$ \$	-			\$ - \$ - \$ -			\$ - \$ - \$ -		\$ \$ \$	
February March April May	\$ \$ \$ \$ \$ \$	-			\$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ -		\$ \$ \$ \$	
February March April May June	\$ \$ \$ \$ \$ \$	-			\$ - \$ - \$ -			\$ - \$ - \$ - \$ -		\$ \$ \$ \$	
February March April Mav June July	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$				\$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$	
February March April May June July August	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$				\$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$ \$	-
February March April May June July August September	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$				\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$ \$ \$ \$	-
February March April May June July August September October	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$				\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$ \$ \$ \$ \$	-
February March April May June July August September October November	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5				\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - -
February March April May June July August September October	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$				\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$ \$ \$ \$ \$	
February March April May June July August September October November	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		\$		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ .	****	
February March April May June July August September October November December	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ -		s - s - s - s - s - s - s - s - s -	\$ -	Transfer	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ -	*****	-
February March April May June July August September October November December Total	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
February March April May June July August September October November December	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Notwork	\$ -	Lir Units Billed	s - s - s - s - s - s - s - s - s -	\$ -	Transfor Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
February March April May June July August September October November December Total Month January	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ 156,860	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37,741	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87,628	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 125,368
February March April May June July August September October November December Total Total Month January	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ 156,860	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37,741	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87,628	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 125,368
February March April May June July August September October November December Total Month	Units Billed  42,858 \$ 41,381 \$ \$	Notwork Rate 3.6600 3.6600	\$ 156,860 \$ 151,454	Units Billed	\$	Amount \$ 37,741 \$ 36,001	Units Billed 43,380 41,381	\$	Amount	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
February March April May June July August September October November Total Total Month January February	Units Billed  42,858 \$ 41,381 \$ \$	Network Rate 3.6600 3.6600	\$ 156,860 \$ 151,454	Units Billed 43,380 41,381	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37,741 \$ 36,001	Units Billed 43,380 41,381 40,707	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87,628 \$ 83,590	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 125,368 119,591 117,643
February March April May June July August September October November December Total Month January February March	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Network  Rate  3.6600 3.6600 3.6600	\$ 156,860 \$ 151,454 \$ 146,085	Units Billed 43,380 41,381 40,707	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37,741 \$ 36,001 \$ 35,415	Units Billed 43,380 41,381 40,707 37,249	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87.628 \$ 83,590 \$ 82,228	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 125,368 119,591
February March April May June July August September October November December Total Month January February March April May	Units Billed  42.858 \$ 41.381 \$ 39.914 \$ 37.249 \$ 36.479	Network  Rate  3.6600 3.6600 3.6600 3.6600 3.6600	\$ 156,860 \$ 151,454 \$ 146,085 \$ 136,331 \$ 133,513	Units Billed 43,380 41,381 40,707 37,249	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37,741 \$ 36,001 \$ 35,415 \$ 32,407	Units Billed 43,380 41,381 40,707 37,249 36,870	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87.628 \$ 83,590 \$ 82,228 \$ 75,243	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	125,368 119,591 117,643 107,650 106,554
February March April May June July August September October November Total Total Month January February March April May June	Units Billed  42,858 \$ 41,381 \$ 39,914 \$ 36,479 \$ 48,873 \$ 48,873 \$	Network Rate 3.6600 3.6600 3.6600 3.6600	\$ 156,860 \$ 151,454 \$ 146,085 \$ 136,331 \$ 133,513 \$ 178,875	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37,741 \$ 36,001 \$ 35,415 \$ 32,407 \$ 32,077 \$ 44,612	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 87,628 \$ 83,590 \$ 82,228 \$ 75,243 \$ 74,477 \$ 103,582	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	125,368 119,591 117,643 107,650 106,554 148,193
February March April May June July August September October November December Total Total Month January February March April May June July	Units Billed  42,858 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Network Rate 3.6600 3.6600 3.6600 3.6600 3.6600 3.6600	\$ 156,860 \$ 151,454 \$ 146,085 \$ 136,331 \$ 133,513 \$ 178,875 \$ 187,557	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37,741 \$ 36,001 \$ 35,415 \$ 32,407 \$ 32,077 \$ 44,612 \$ 46,863	43,380 41,381 40,707 37,249 36,870 51,278 53,865	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount  \$ 87.628 \$ 83,590 \$ 82,228 \$ 75,243 \$ 74,477 \$ 103,582 \$ 108,807	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	125,368 119,591 117,643 107,650 106,554 148,193 155,670
February March April May June July August September October November December Total  Total  Month January February March April May June	Units Billed  42,858 \$ 41,381 \$ 39,914 \$ 36,479 \$ 48,873 \$ 48,873 \$	Network Rate 3.6600 3.6600 3.6600 3.6600 3.6600 3.6600 3.6600	\$ 156.860 \$ 151,454 \$ 146,085 \$ 136,331 \$ 133,513 \$ 178,875 \$ 187,557 \$ 186,074	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37,741 \$ 36,001 \$ 35,415 \$ 32,407 \$ 32,077 \$ 44,612 \$ 46,863 \$ 46,226	Units Billed  43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87.628 \$ 83,590 \$ 82,228 \$ 75,243 \$ 74,477 \$ 103,582 \$ 108,807 \$ 107,329	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	125,368 119,591 117,643 107,650 106,554 148,193
February March April May June July August September October November December Total Total Month January February March April May June July August September	Units Billed  42.858 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Network Rate 3.6600 3.6600 3.6600 3.6600 3.6600 3.6600	\$ 156.860 \$ 151,454 \$ 146,085 \$ 136,331 \$ 133,513 \$ 178,875 \$ 187,557 \$ 186,074 \$ 195,843	Units Billed  43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37,741 \$ 36,001 \$ 35,415 \$ 32,407 \$ 32,077 \$ 44,612 \$ 46,863 \$ 46,226 \$ 47,220	43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87,628 \$ 83,590 \$ 82,228 \$ 75,243 \$ 74,477 \$ 103,582 \$ 108,807 \$ 107,329 \$ 109,638	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	125,368 119,591 117,643 107,650 106,554 148,193 155,670 153,554 156,858
February March April May June July August September October November Total Total Month January February March April May June July August September October	Units Billed  42,856 \$ 41,381 \$ 39,914 \$ 36,479 \$ 48,873 \$ 51,245 \$ 50,840 \$ \$ 5,5,509 \$ 38,949 \$	Network Rate  3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600	\$ 156,860 \$ 151,454 \$ 146,085 \$ 136,331 \$ 133,513 \$ 178,875 \$ 187,557 \$ 186,074 \$ 195,843 \$ 142,553	Units Billed  43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37,741 \$ 36,001 \$ 35,415 \$ 32,407 \$ 32,077 \$ 44,612 \$ 46,863 \$ 46,226 \$ 47,220 \$ 33,886	Units Billed  43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87,628 \$ 83,590 \$ 82,228 \$ 75,243 \$ 74,477 \$ 103,582 \$ 108,807 \$ 107,329 \$ 109,638 \$ 78,677	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	125,368 119,591 117,643 107,650 106,554 148,193 155,670 153,554 156,858 112,563
February March April May June July August September October November Total Total Month January February March April May June July August September October November November November November	Units Billed  42.2559 \$ 41,381 \$ 37,249 \$ 37,249 \$ 48.873 \$ 51,245 \$ 50,840 \$ 51,245 \$ 50,840 \$ 51,245 \$ 50,840 \$ 44,23 \$	Network Rate 3.6600 3.6600 3.6600 3.6600 3.6600 3.6600 3.6600	\$ 156,860 \$ 151,454 \$ 146,085 \$ 136,331 \$ 133,513 \$ 178,875 \$ 187,557 \$ 186,074 \$ 195,843 \$ 142,553 \$ 142,289	Units Billed  43.380 41.381 40.707 37.249 36.870 51.278 53.865 53.133 54.276 38.949 40.531	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37.741 \$ 36,001 \$ 35,415 \$ 32,407 \$ 32,077 \$ 44,612 \$ 46,863 \$ 46,226 \$ 47,220 \$ 33,886 \$ 35,667	Units Billed  43.380 41.381 40.707 37.249 36.870 51.278 53.865 53.133 54.276 38.949 40.531	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87,628 \$ 83,590 \$ 82,228 \$ 75,243 \$ 74,477 \$ 103,582 \$ 108,807 \$ 107,329 \$ 109,638 \$ 78,677 \$ 86,331	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	125,368 119,591 117,643 107,650 106,554 148,193 155,670 153,554 156,858 112,563 121,998
February March April May June July August September October November Total Total Month January February March April May June July August September October	Units Billed  42,856 \$ 41,381 \$ 39,914 \$ 36,479 \$ 48,873 \$ 51,245 \$ 50,840 \$ \$ 5,5,509 \$ 38,949 \$	Network Rate 3.6600 3.6600 3.6600 3.6600 3.6600 3.6600 3.6600	\$ 156,860 \$ 151,454 \$ 146,085 \$ 136,331 \$ 133,513 \$ 178,875 \$ 187,557 \$ 186,074 \$ 195,843 \$ 142,553	Units Billed  43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37,741 \$ 36,001 \$ 35,415 \$ 32,407 \$ 32,077 \$ 44,612 \$ 46,863 \$ 46,226 \$ 47,220 \$ 33,886	Units Billed  43.380 41.381 40.707 37.249 36.870 51.278 53.865 53.133 54.276 38.949 40.531	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87,628 \$ 83,590 \$ 82,228 \$ 75,243 \$ 74,477 \$ 103,582 \$ 108,807 \$ 107,329 \$ 109,638 \$ 78,677	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	125,368 119,591 117,643 107,650 106,554 148,193 155,670 153,554 156,858 112,563
February March April May June July August September October November Total Total Month January February March April May June July August September October November November November November	Units Billed  42.2559 \$ 41,381 \$ 37,249 \$ 37,249 \$ 48.873 \$ 51,245 \$ 50,840 \$ 51,245 \$ 50,840 \$ 51,245 \$ 50,840 \$ 44,23 \$	Network Rate 3.6600 3.6600 3.6600 3.6600 3.6600 3.6600 3.6600 3.6500 3.5200	\$ 156,860 \$ 151,454 \$ 146,085 \$ 136,331 \$ 133,513 \$ 178,875 \$ 187,557 \$ 186,074 \$ 195,843 \$ 142,553 \$ 142,289	Units Billed 43.380 41.381 40,707 37.249 36.870 51.278 53.865 53.133 54.276 38.949 40,531 44,867	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37.741 \$ 36,001 \$ 35,415 \$ 32,407 \$ 32,077 \$ 44,612 \$ 46,863 \$ 46,226 \$ 47,220 \$ 33,886 \$ 35,667	Units Billed 43.380 41,381 40,707 37.249 38.870 51.278 53.865 53.133 54.276 39.949 40,531 44,867	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87,628 \$ 83,590 \$ 82,228 \$ 75,243 \$ 74,477 \$ 103,582 \$ 108,807 \$ 107,329 \$ 109,638 \$ 78,677 \$ 86,331	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	125,368 119,591 117,643 107,650 106,554 148,193 155,670 153,554 156,858 112,563 121,998
February March April May June July August September October November December Total Total Month January February March April July August September October November Coctober November April July August September October November December	Units Billed  42,858 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Network Rate 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,5200	\$ 156,860 \$ 151,454 \$ 146,085 \$ 136,331 \$ 178,875 \$ 178,875 \$ 186,074 \$ 195,843 \$ 142,289 \$ 155,482	Units Billed 43.380 41.381 40,707 37.249 36.870 51.278 53.865 53.133 54.276 38.949 40.531 44.867	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37.741 \$ 36,001 \$ 35,415 \$ 32,407 \$ 32,407 \$ 32,077 \$ 44,612 \$ 46,863 \$ 46,226 \$ 47,220 \$ 46,286 \$ 33,886 \$ 35,667 \$ 39,483 \$ 467,597	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949 40,531 44,867	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount  \$ 87,628 \$ 83,590 \$ 82,228 \$ 75,243 \$ 74,477 \$ 103,582 \$ 108,807 \$ 107,329 \$ 109,638 \$ 109,638 \$ 95,567 \$ 1,093,096	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	125,368 119,591 117,643 107,650 106,554 148,193 155,670 153,554 156,858 112,563 121,998 135,050
February March April May June July August September October November December Total Total Month January February March April July August September Cotober November December Total Total Month January March April July August September October November December	Units Billed  42,858 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Network Rate 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,6600 3,5200	\$ 156,860 \$ 151,454 \$ 146,085 \$ 136,331 \$ 178,875 \$ 178,875 \$ 186,074 \$ 195,843 \$ 142,289 \$ 155,482	Units Billed 43.380 41.381 40,707 37.249 36.870 51.278 53.865 53.133 54.276 38.949 40.531 44.867	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 37.741 \$ 36,001 \$ 35,415 \$ 32,407 \$ 32,407 \$ 32,077 \$ 44,612 \$ 46,863 \$ 46,226 \$ 47,220 \$ 33,886 \$ 35,667 \$ 39,483 \$ 467,597	43.380 41.381 40,707 37.249 38.870 51.278 53.865 53.133 54.276 38.949 40,531 44,867	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 87,628 \$ 83,590 \$ 82,228 \$ 75,243 \$ 74,477 \$ 103,582 \$ 108,807 \$ 107,329 \$ 109,638 \$ 78,677 \$ 86,331 \$ 95,567 \$ 1,093,096	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	125,368 119,591 117,643 107,650 106,554 148,193 155,670 153,554 156,858 112,563 121,998 135,050



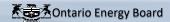
The purpose of this sheet is to calculate the expected billing when current 2018 Uniform Transmission Rates are applied against historical 2017 transmission units.

IESO		Network		Li	ne Connection	n	Transfo	ormation Co	nnection	Total	I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	42,858	\$ 3.6100	\$ 154,717	43,380	\$ 0.9500	\$ 41,211	43,380	\$ 2.3400	\$ 101,509	\$	142,720
February		\$ 3.6100	\$ 149,385	41,381	\$ 0.9500	\$ 39,312	41,381	\$ 2.3400	\$ 96,832	\$	136,143
March		\$ 3.6100 \$ 3.6100	\$ 144,090 \$ 134,469	40,707	\$ 0.9500 \$ 0.9500	\$ 38,672	40,707	\$ 2.3400 \$ 2.3400	\$ 95,254 \$ 87,163	\$ \$	133,926
April May	37,249 36,479	\$ 3.6100 \$ 3.6100	\$ 134,469 \$ 131,689	37,249 36,870	\$ 0.9500	\$ 35,387 \$ 35,027	37,249 36,870	\$ 2.3400	\$ 87,163 \$ 86,276	\$	122,54 121,30
June	48,873	\$ 3.6100	\$ 176,432	51,278	\$ 0.9500	\$ 35,027 \$ 48,714	51,278	\$ 2.3400	\$ 119,991	\$	168,70
July		\$ 3.6100	\$ 184,994	53,865	\$ 0.9500	\$ 51,172	53,865	\$ 2.3400	\$ 126,044	\$	177,21
August		\$ 3.6100	\$ 183,532	53,133	\$ 0.9500	\$ 50,476	53,133	\$ 2.3400	\$ 124,331	\$	174,80
September	53,509	\$ 3.6100	\$ 193,167	54,276		\$ 51,562	54,276	\$ 2.3400	\$ 127,006	\$	178,56
October	38,949	\$ 3.6100	\$ 140,606	38,949	\$ 0.9500	\$ 37,002	38,949	\$ 2.3400	\$ 91,141	\$	128,14
November		\$ 3.6100	\$ 145,927	40,531	\$ 0.9500	\$ 38,504	40,531	\$ 2.3400	\$ 94,843	\$	133,34
December	44,171	\$ 3.6100	\$ 159,457	44,867	\$ 0.9500	\$ 42,624	44,867	\$ 2.3400	\$ 104,989	\$	147,61
Total	525,891		\$ 1,898,467		\$ 0.95		536,486	\$ 2.34	\$ 1,255,377	\$	1,765,03
Hydro One		Network		Li	ne Connection	n	Transfo	ormation Co	nnection	Total	I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	4	Amount
January February		\$ 3.1942 \$ 3.1942	\$ - \$ -	-	\$ 0.7710 \$ \$ 0.7710 \$	\$ - \$ -	-	\$ 1.7493 \$ 1.7493	\$ - \$ -	\$ \$	
March		\$ 3.1942 \$ 3.1942	\$ -			\$ - \$ -	-	\$ 1.7493	\$ -	\$	-
April		\$ 3.1942	\$ -		\$ 0.7710	\$ - \$ -		\$ 1.7493	\$ - \$ -	\$	
May		\$ 3.1942	\$ -		\$ 0.7710	\$ -		\$ 1.7493	\$ -	\$	
June		\$ 3.1942	\$ -		\$ 0.7710	\$ - \$ -		\$ 1.7493	\$ -	\$	
July		\$ 3.1942 \$ 3.1942	\$ -			\$ - \$ -		\$ 1.7493	\$ - \$ -	\$	
August		\$ 3.1942	\$ -		\$ 0.7710	\$ - \$ -		\$ 1.7493	\$ -	\$	
September		\$ 3.1942	\$ -		\$ 0.7710	\$ -		\$ 1.7493	\$ -	\$	
October		\$ 3.1942	\$ -			\$ -		\$ 1.7493	\$ -	\$	
November		\$ 3.1942	\$ -		\$ 0.7710	\$ -		\$ 1.7493	\$ -	\$	
December		\$ 3.1942	\$ -		\$ 0.7710	\$ -		\$ 1.7493	\$ -	\$	
Total	-	\$ -	\$ -	-	\$ -	\$ -		\$ -	\$ -	\$	-
dd Extra Host Here (I)		Network		Li	ne Connection	n	Transfo	ormation Co	nnection	Total	I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$	
February		\$ -	\$ -	-	\$ - :	\$ -		\$ -	\$ -	\$	-
March	- :	\$ -	\$ -	-	\$ - :	\$ -		\$ -	\$ -	\$	-
April	- :	\$ -	\$ -	-	\$ - :	\$ -		\$ -	\$ -	\$	-
May	- :	\$ -	\$ - \$ -		\$ - :	\$ -		\$ -	\$ -	\$	-
June		\$ -	\$ -	-		\$ -		\$ -	\$ -	\$	-
July		\$ -	\$ -			\$ -	-	\$ -	\$ -	\$	-
August		\$ -	\$ -			\$ -	-	\$ -	\$ -	\$	-
September	- :	ş -	\$ -		\$ - :	\$ -	-	\$ -	\$ -	\$	-
October		s -	\$ -			\$ -	-	\$ -	\$ -	\$	-
November		\$ -	\$ -			\$ -		\$ -	\$ -	\$	-
December	- :	\$ -	\$ -		\$ - :	\$ -	-	\$ -	\$ -	\$	
Total	-	\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$	
dd Extra Host Here (II)		Network		Li	ne Connection	n	Transfo	ormation Co	nnection	Total	I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January		s -	\$ -		\$ - :	\$ -		s -	s -	\$	
February	- :	\$ -	\$ - \$ -		\$ - :	\$ -		\$ -	\$ -	\$	
March	- 1	\$ -	\$ -		\$ - :	\$ -		\$ -	\$ -	\$	-
April		\$ -	\$ -	-	\$ - :	\$ -		\$ -	\$ -	\$	-
May	- 1	\$ -	\$ -		\$ - :	\$ -		\$ -	\$ -	\$	-
June	- :	\$ -	\$ -	-	\$ - :	\$ -	-	\$ -	\$ -	\$	
July	- :	\$ -	\$ -	-	\$ - :	\$ -	-	\$ -	\$ -	\$	
August		\$ -	\$ -	-		\$ -	-	\$ -	\$ -	\$	-
September		\$ -	\$ -	-		\$ -	-	\$ -	\$ -	\$	-
October		\$ -	\$ -	-		\$ -	-	\$ -	\$ -	\$	-
November	- :	\$ -	\$ -	-	\$ - :	\$ -		\$ -	\$ -	\$	-
December	- :	\$ -	\$ -	-	\$ - :	\$ -		\$ -	\$ -	\$	-
Total		e	•		•	¢		e	•	\$	
Total		Network	• -		ne Connection	n -	Transfo	ormation Co	nnection		I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January February	42,858 41,381	\$ 3.6100 \$ 3.6100	\$ 154,717 \$ 149,385	43,380 41,381	\$ 0.9500 \$ 0.9500	\$ 41,211 \$ 39,312	43,380 41,381	\$ 2.3400 \$ 2.3400	\$ 101,509 \$ 96,832	\$ \$	142,7 136,1
February March		\$ 3.6100 \$ 3.6100	\$ 149,385 \$ 144,090	41,381 40,707		\$ 39,312 \$ 38,672	41,381 40,707	\$ 2.3400 \$ 2.3400	\$ 96,832 \$ 95,254	\$	136,1 133,9
March		\$ 3.6100 \$ 3.6100	\$ 134,469	40,707 37,249		\$ 38,672 \$ 35,387	40,707 37,249	\$ 2.3400	\$ 95,254 \$ 87,163	\$	133,9
May	36,479	\$ 3.6100	\$ 131,689	36,870	\$ 0.9500	\$ 35,367 \$ 35,027	36,870	\$ 2.3400	\$ 86,276	\$	121,3
June	48,873	\$ 3.6100	\$ 176,432	51,278	\$ 0.9500	\$ 48,714	51,278	\$ 2.3400	\$ 119,991	\$	168,7
July	51,245	\$ 3.6100	\$ 184,994	53,865		\$ 51,172	53,865	\$ 2.3400	\$ 126,044	\$	177,2
August	50,840	\$ 3.6100	\$ 183,532	53,133	\$ 0.9500	\$ 51,172 \$ 50,476	53,133	\$ 2.3400	\$ 124,331	\$	177,2
September	53,509	\$ 3.6100	\$ 193,167	54,276	\$ 0.9500	\$ 50,476 \$ 51,562	54,276	\$ 2.3400	\$ 127,006	\$	174,6
		\$ 3.6100	\$ 140,606	38,949	\$ 0.9500	\$ 37,002	38,949	\$ 2.3400	\$ 91,141	\$	128,1
	30,349	\$ 3.6100	\$ 145,927	40,531	\$ 0.9500	\$ 38,504	40,531	\$ 2.3400	\$ 94,843	\$	133,3
October			y 140,527		\$ 0.0000 i		44,867	\$ 2.3400	\$ 104,989	\$	147,6
October November		\$ 3,6100									
October	44,171	\$ 3.6100	\$ 159,457	44,867	\$ 0.9500	\$ 42,624	44,007	₩ 2.5400	ψ 101,000	•	
October November	40,423 44,171 525,891	\$ 3.6100	\$ 159,457 \$ 1,898,467	536,486	\$ 0.9500	\$ 42,624	536,486	\$ 2.34	\$ 1,255,377	\$	
October November December	44,171	\$ 3.6100						\$ 2.34	\$ 1,255,377		1,765,03
October November December	44,171	\$ 3.6100				\$ 509,662	536,486	\$ 2.34	\$ 1,255,377 dit (if applicable)	\$	



The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2017 transmission units.

IESO		Network		Lin	ne Connection	n	Transfo	rmation Con	nection	Total Connectio
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	42,858		\$ 154,717	43,380	\$ 0.9500	\$ 41,211	43,380		\$ 101,509	\$ 142,72
February	41,381	\$ 3.6100	\$ 149,385	41,381	\$ 0.9500	\$ 39,312	41,381	\$ 2.3400	\$ 96,832	\$ 136,14
March April	39,914 37,249	\$ 3.6100 \$ 3.6100	\$ 144,090 \$ 134,469	40,707 37,249	\$ 0.9500 \$ 0.9500	\$ 38,672 \$ 35,387	40,707 37,249	\$ 2.3400 \$ 2.3400	\$ 95,254 \$ 87,163	\$ 133,92 \$ 122,54
May	36,479	\$ 3.6100 \$ 3.6100	\$ 134,469 \$ 131,689	36,870	\$ 0.9500	\$ 35,367 \$ 35,027	36,870	\$ 2.3400	\$ 86,276	\$ 121,30
June	48,873	\$ 3.6100	\$ 176,432	51,278	\$ 0.9500	\$ 48,714	51,278		\$ 119,991	\$ 168,70
July	51,245	\$ 3.6100	\$ 184,994	53,865	\$ 0.9500	\$ 51,172	53,865	\$ 2.3400	\$ 126,044	\$ 177,21
August	50,840	\$ 3.6100	\$ 183,532	53,133	\$ 0.9500	\$ 50,476	53,133	\$ 2.3400	\$ 124,331	\$ 174,80
September	53,509	\$ 3.6100	\$ 193,167	54,276	\$ 0.9500	\$ 51,562	54,276	\$ 2.3400	\$ 127,006	\$ 178,56
October	38,949	\$ 3.6100	\$ 140,606	38,949		\$ 37,002	38,949	\$ 2.3400	\$ 91,141	\$ 128,14
November	40,423	\$ 3.6100	\$ 145,927	40,531	\$ 0.9500	\$ 38,504	40,531	\$ 2.3400	\$ 94,843	\$ 133,34
December	44,171	\$ 3.6100	\$ 159,457	44,867	\$ 0.9500	\$ 42,624	44,867	\$ 2.3400	\$ 104,989	\$ 147,61
Total	525,891	\$ 3.61	\$ 1,898,467	536,486	\$ 0.95	\$ 509,662	536,486	\$ 2.34	\$ 1,255,377	\$ 1,765,03
Hydro One		Network		Liu	ne Connection	n	Transfo	rmation Con	nection	Total Connectio
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ 3.1942	s -		\$ 0.7710	s -		\$ 1.7493	\$ -	\$ -
February			\$ -		\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
March		\$ 3.1942	š -		\$ 0.7710	\$ -		\$ 1.7493	\$ -	\$ -
April			\$ -			\$ -			\$ -	\$ -
May		\$ 3.1942	\$ -		\$ 0.7710	\$ -		\$ 1.7493	\$ -	\$ -
June			\$ -			\$ -		\$ 1.7493	\$ -	\$ -
July		\$ 3.1942	\$ -		\$ 0.7710	\$ -			\$ -	\$ -
August			\$ -	-		\$ -			\$ -	\$ -
September	-		\$ -	-		\$ -			\$ -	\$ -
October	-	\$ 3.1942	\$ - \$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
November	-		s -	-		\$ -	-	\$ 1.7493	\$ -	\$ -
December	-	\$ 3.1942	\$ -	-	\$ 0.7710	-	-	\$ 1.7493	\$ -	\$ -
Total		٠	ę .		¢	e .		¢ .	¢ .	\$ -
Add Extra Host Here (I)		Network	-	li	ne Connection	n	Transfo	rmation Con	nection	Total Connectio
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	Offics Billed			Offics Billed			Offits Billed		s -	\$ -
January February			\$ - \$ -	-		\$ - \$ -			\$ - \$ -	\$ -
March			\$ - \$ -			\$ - \$ -			\$ - \$ -	\$ -
April										
Mav		š -	\$ - \$ -		\$ -	\$ - \$ -		š -	\$ - \$ -	\$ - \$ -
June			\$ -		\$ - :				\$ -	\$ -
July		\$ -	\$ -		\$ - :	\$ -		\$ -	\$ -	\$ -
August			\$ -		\$ - :	\$ -		\$ -	\$ -	\$ -
September			\$ -			\$ -		\$ -	\$ -	\$ -
October			\$ -		\$ -				\$ -	\$ -
November			\$ -	-		\$ -	-		\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total		\$ -	\$ -		\$ - :	\$ -		\$ -	\$ -	\$ -
Add Extra Host Here (II)		Network		Lin	ne Connection	n	Transfo	rmation Con	nection	Total Connectio
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January			s -		\$ - :	\$ -			\$ -	\$ -
February		\$ - :	\$ -		\$ - :	\$ -		\$ -	\$ -	\$ -
March		\$ - :	\$ -		\$ - :	\$ -		\$ -	\$ -	\$ -
April		\$ - :	\$ -		\$ - :	\$ -		\$ -	\$ -	\$ -
May		\$ - :	\$ -		\$ - :	\$ -		\$ -	\$ -	\$ -
June	-	\$ - :	\$ -	-	\$ - :	\$ -	-	\$ -	\$ -	\$ -
July			\$ -	-		\$ -	-	\$ -	\$ -	\$ -
August	-		\$ -	-	\$ -	\$ -		\$ -	\$ -	\$ -
September			\$ -	-		\$ -		\$ - \$ -	\$ -	\$ -
									\$ -	\$ -
October	:	\$ -	\$ -			\$ -				
October November		\$ - :	\$-		\$ - :	\$ -		\$ -	\$ -	\$ -
October		\$ - :	\$ - \$ -		\$ - :		:		\$ - \$ -	\$ -
October November		\$ - \$ -	\$ - \$ -		\$ - : \$ - :	\$ - \$ -		\$ -		\$ -
October November December <b>Total</b>	-	\$ - \$ -	\$-	-	\$ - : \$ - :	\$ - \$ -	Transfe	\$ - \$ -	\$ - \$ -	\$ - \$ -
October November December <b>Total</b> Total	Linite Pille	\$ - : \$ - : Network	\$ - \$ -		\$ - :	\$ - \$ - \$ -		\$ - \$ - \$ -	\$ - s -	\$ - Total Connection
October November December Total Total Month	Units Billed	\$ - \$ - Network	\$ - \$ - \$ -	Units Billed	\$ - :	\$ - \$ - \$ - Amount	Units Billed	\$ - \$ - rmation Con	\$ - nection Amount	\$ - Total Connection
October November December  Total  Total  Month January	42,858	\$ - : \$ - : Network Rate \$ 3.61	\$ - \$ - \$ - <b>Amount</b> \$ 154,717	Units Billed	\$ - :  \$ - :  ne Connection  Rate  \$ 0.95 :	\$ - \$ - N Amount \$ 41,211	Units Billed 43,380	\$ - \$ - rmation Con Rate \$ 2.34	\$ - nection Amount \$ 101,509	\$ - Total Connectio  Amount \$ 142,72
October November December  Total  Total  Month  January February	42,858 41,381	\$ - : \$ - : Network Rate \$ 3.61 : \$ 3.61	Amount \$ 154,717 \$ 149,385	Units Billed 43,380 41,381	\$ - : \$ - : ne Connection Rate \$ 0.95 : \$ 0.95	Amount \$ 41,211 \$ 39,312	Units Billed 43,380 41,381	\$ - \$ - rmation Con Rate \$ 2.34 \$ 2.34	\$ - nection Amount \$ 101,509 \$ 96,832	\$  Total Connectio  Amount  \$ 142,72 \$ 136,14
October November December  Total  Total  Month  January February March	42,858 41,381 39,914	\$ - : : Network  Rate  \$ 3.61 : \$ 3.61 : \$ 3.61 : \$ 3.61 : \$ 3.61	Amount \$ 154,717 \$ 149,385 \$ 144,090	Units Billed 43,380 41,381 40,707	\$ - : : : : : : : : : : : : : : : : : :	\$ - \$ - <b>Amount</b> \$ 41,211 \$ 39,312 \$ 38,672	Units Billed 43,380 41,381 40,707	\$ - \$ - rmation Con Rate \$ 2.34 \$ 2.34 \$ 2.34	\$ - s - nection  Amount \$ 101,509 \$ 96,832 \$ 95,254	\$  Total Connectio  Amount  \$ 142,72 \$ 136,14 \$ 133,92
October November December  Total  Total  Month  January February March April	42,858 41,381 39,914 37,249	\$ - : : Network  Rate \$ 3.61	Amount \$ 154,717 \$ 149,385 \$ 144,090 \$ 134,469	Units Billed 43,380 41,381 40,707 37,249	\$ - ::  \$ - ::  * - ::  * - ::  * - ::  * 0.95 ::  \$ 0.95 ::  \$ 0.95 ::  \$ 0.95 ::  \$ 0.95 ::  \$ 0.95 ::	Amount  \$ 41,211 \$ 39,312 \$ 38,672 \$ 35,387	Units Billed 43,380 41,381 40,707 37,249	\$ - \$ - <b>Rate</b> \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34	\$ - nection  Amount  \$ 101,509 \$ 96,832 \$ 95,254 \$ 87,163	\$
October November December  Total  Month  January February March April May	42,858 41,381 39,914 37,249 36,479	\$ - : Network  Rate  \$ 3.61 \$ 3.61 \$ 3.61 \$ 3.61 \$ 3.61 \$ 3.61 \$ 3.61 \$ 3.61	Amount \$ 154,717 \$ 149,385 \$ 144,090 \$ 134,469 \$ 131,689	Units Billed 43,380 41,381 40,707 37,249 36,870	\$ - ::  \$ - ::  * - ::  * - ::  * - ::  * 0.95 ::  * 0.95 ::  * 0.95 ::  * 0.95 ::  * 0.95 ::  * 0.95 ::  * 0.95 ::  * 0.95 ::  * 0.95 ::  * 0.95 ::  * 0.95 ::	Amount  \$ 41,211 \$ 39,312 \$ 38,672 \$ 35,387 \$ 35,027	Units Billed 43,380 41,381 40,707 37,249 36,870	\$ - \$ - rmation Con  Rate  \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34	\$ -  nection  Amount  \$ 101,509 \$ 96,832 \$ 95,254 \$ 87,163 \$ 86,276	\$ Total Connection Amount \$ 142,72 \$ 133,92 \$ 122,54 \$ 121,30
October November December  Total  Total  Month  January February March April May June	42,858 41,381 39,914 37,249 36,479 48,873	\$	Amount \$ 154,717 \$ 149,385 \$ 144,090 \$ 134,469 \$ 131,689 \$ 176,432	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278	\$ - : : : : : : : : : : : : : : : : : :	Amount \$ 41,211 \$ 39,312 \$ 38,672 \$ 35,387 \$ 35,027 \$ 48,714	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278	\$ - s - rmation Con Rate \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34	\$ - nection  Amount  \$ 101,509 \$ 96,832 \$ 95,254 \$ 87,163 \$ 86,276 \$ 119,991	\$
October November December  Total  Month  January February March April May June July	42,858 41,381 39,914 37,249 36,479 48,873 51,245	\$	Amount \$ 154,717 \$ 149,385 \$ 134,689 \$ 131,689 \$ 176,432 \$ 184,994	43,380 41,381 40,707 37,249 36,870 51,278 53,865	\$ - : : : : : : : : : : : : : : : : : :	Amount \$ 41,211 \$ 39,312 \$ 38,672 \$ 35,387 \$ 35,027 \$ 48,714	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865	\$ - \$ - rmation Con Rate \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34	\$ - nection  Amount \$ 101,509 \$ 96,832 \$ 95,254 \$ 87,163 \$ 86,276 \$ 119,991 \$ 126,044	\$
October November December  Total  Total  Month  January February March April May June July August	42,858 41,381 39,914 37,249 36,479 48,873 51,245 50,840	\$ -	Amount \$ 154,717 \$ 149,385 \$ 131,689 \$ 131,689 \$ 176,432 \$ 184,994 \$ 184,994 \$ 184,994	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133	\$	Amount  \$ 41,211 \$ 39,312 \$ 38,672 \$ 35,027 \$ 48,714 \$ 51,172 \$ 50,476	43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133	\$ - \$ - rmation Con Rate \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34 \$ 2.34	\$ - nection Amount \$ 101,509 \$ 96,832 \$ 95,254 \$ 87,163 \$ 86,276 \$ 119,991 \$ 126,044 \$ 124,331	\$
October November December  Total  Month  January February March April May June July August September	42,858 41,381 39,914 37,249 36,479 48,873 51,245 50,840 53,509	\$ -	Amount \$ 154,717 \$ 149,385 \$ 144,090 \$ 131,689 \$ 134,699 \$ 184,994 \$ 183,532 \$ 183,532 \$ 193,167	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276	\$ - : : : : : : : : : : : : : : : : : :	Amount  \$ 41,211 \$ 39,312 \$ 36,722 \$ 35,387 \$ 35,027 \$ 48,714 \$ 51,172 \$ 50,476 \$ 51,562	43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276	\$ - \$ - <b>Rate</b> \$ 2.34 \$ 2.34	\$ -	\$
October November December  Total  Total  Month  January February March April May June July August September October	42,858 41,381 39,914 37,249 36,479 48,873 51,245 50,840 53,509 38,949	\$ -   S -	Amount \$ 154,717 \$ 149,385 \$ 131,689 \$ 131,689 \$ 176,432 \$ 183,552 \$ 183,552 \$ 183,652 \$ 140,606	Units Billed  43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949	\$	Amount \$ 41,211 \$ 39,312 \$ 38,672 \$ 35,027 \$ 48,714 48,714 48,714 5 50,476 \$ 50,476 \$ 51,562 \$ 37,002	Units Billed  43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949	\$	\$ - nection  Amount \$ 101,509 \$ 96,832 \$ 95,254 \$ 87,163 \$ 86,276 \$ 119,991 \$ 126,044 \$ 127,006 \$ 127,006 \$ 91,141	\$ Total Connectio Amount  \$ 142,72 \$ 136,14 \$ 133,29 \$ 122,54 \$ 121,30 \$ 168,70 \$ 177,21 \$ 177,40 \$ 178,56 \$ 128,14
October November December Total  Total  Month  January February March April May June July August September October November	42,858 41,381 39,914 37,249 36,479 48,873 51,245 50,840 53,509 38,949 40,423	\$ -	Amount \$ 154,717 \$ 149,385 \$ 144,090 \$ 131,689 \$ 134,469 \$ 131,689 \$ 184,994 \$ 183,532 \$ 183,532 \$ 193,167 \$ 193,167 \$ 145,927	Units Billed  43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949 40,531	\$ - : : : : : : : : : : : : : : : : : :	Amount \$ 41,211 \$ 39,312 \$ 38,672 \$ 35,027 \$ 48,714 \$ 51,172 \$ 50,476 \$ 51,562 \$ 51,562 \$ 38,504	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949 40,531	\$	\$ - nection  Amount \$ 101,509 \$ 96,832 \$ 95,254 \$ 97,163 \$ 86,276 \$ 119,991 \$ 126,044 \$ 124,331 \$ 127,006 \$ 91,141 \$ 94,843	\$ Total Connection  Amount  \$ 142,72 \$ 136,14 \$ 133,34 \$ 133,54 \$ 122,54 \$ 121,30 \$ 168,70 \$ 177,80 \$ 177,80 \$ 178,80 \$ 178,80 \$ 128,14 \$ 133,44 \$ 133,45
October November December  Total  Month  January February March April May June July August September October November December	42,858 41,381 39,914 37,249 36,479 48,873 51,245 50,840 53,509 38,949 40,423 44,171	\$ -	Amount \$ 154,717 \$ 149,385 \$ 131,689 \$ 134,469 \$ 134,469 \$ 134,469 \$ 134,492 \$ 184,934 \$ 184,934 \$ 184,934 \$ 184,934 \$ 184,934 \$ 184,934 \$ 193,167 \$ 193,167	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949 40,531 44,867	\$ - : : : : : : : : : : : : : : : : : :	Amount  \$ 41,211 \$ 39,312 \$ 38,672 \$ 35,387 \$ 35,387 \$ 35,027 \$ 48,714 \$ 51,172 \$ 51,562 \$ 51,562 \$ 38,504 \$ 42,624	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949 40,531 44,867	\$	\$ - nection  Amount \$ 101,509 96.832 \$ 96.832 \$ 95.254 \$ 87.163 \$ 87.163 \$ 126,044 \$ 126,044 \$ 124,331 \$ 124,331 \$ 124,331 \$ 124,331 \$ 104,989	\$
October November December  Total  Month  January February March April May June July August September October November	42,858 41,381 39,914 37,249 36,479 48,873 51,245 50,840 53,509 38,949 40,423	S - S - S - S - S - S - S - S - S - S -	Amount \$ 154,717 \$ 149,385 \$ 144,090 \$ 131,689 \$ 134,469 \$ 131,689 \$ 184,994 \$ 183,532 \$ 183,532 \$ 193,167 \$ 193,167 \$ 145,927	Units Billed  43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949 40,531	\$ - : : : : : : : : : : : : : : : : : :	Amount \$ 41,211 \$ 39,312 \$ 38,672 \$ 35,027 \$ 48,714 \$ 51,172 \$ 50,476 \$ 51,562 \$ 51,562 \$ 38,504	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949 40,531	\$ -   S -   Constitution   Constitut	\$ - nection  Amount \$ 101,509 \$ 96,832 \$ 95,254 \$ 97,163 \$ 86,276 \$ 119,991 \$ 126,044 \$ 124,331 \$ 127,006 \$ 91,141 \$ 94,843	\$ Total Connection  Amount  \$ 142,72 \$ 136,14 \$ 133,34 \$ 133,54 \$ 122,54 \$ 121,30 \$ 168,70 \$ 177,80 \$ 177,80 \$ 178,80 \$ 178,80 \$ 128,14 \$ 133,44 \$ 133,45
October November December  Total  Month  January February March April May June July August September October November December	42,858 41,381 39,914 37,249 36,479 48,873 51,245 50,840 53,509 38,949 40,423 44,171	S - S - S - S - S - S - S - S - S - S -	Amount \$ 154,717 \$ 149,385 \$ 131,689 \$ 134,469 \$ 134,469 \$ 134,469 \$ 134,492 \$ 184,934 \$ 184,934 \$ 184,934 \$ 184,934 \$ 184,934 \$ 184,934 \$ 193,167 \$ 193,167	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949 40,531 44,867	\$ - : : : : : : : : : : : : : : : : : :	Amount  \$ 41,211 \$ 39,312 \$ 38,672 \$ 35,387 \$ 35,387 \$ 35,027 \$ 48,714 \$ 51,172 \$ 51,562 \$ 51,562 \$ 38,504 \$ 42,624	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949 40,531 44,867	\$ -   S   -	\$ - nection  Amount \$ 101,509 \$ 95,224 \$ 95,224 \$ 86,276 \$ 119,991 \$ 126,044 \$ 126,044 \$ 126,044 \$ 127,006 \$ 127,006 \$ 127,006 \$ 127,006 \$ 14,843 \$ 104,999 \$ 1,255,377	\$
October November December  Total  Month  January February March April May June July August September October November December	42,858 41,381 39,914 37,249 36,479 48,873 51,245 50,840 53,509 38,949 40,423 44,171	S - S - S - S - S - S - S - S - S - S -	Amount \$ 154,717 \$ 149,385 \$ 131,689 \$ 134,469 \$ 134,469 \$ 134,469 \$ 134,492 \$ 184,934 \$ 184,934 \$ 184,934 \$ 184,934 \$ 184,934 \$ 184,934 \$ 193,167 \$ 193,167	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 53,865 53,133 54,276 38,949 40,531 44,867	\$ - : : : : : : : : : : : : : : : : : :	Amount  \$ 41,211 \$ 39,312 \$ 38,672 \$ 35,027 \$ 48,714 \$ 51,172 \$ 51,52 \$ 51,562 \$ 51,562 \$ 38,504 \$ 42,624 \$ 509,662	Units Billed 43,380 41,381 40,707 37,249 36,870 51,278 63,865 53,133 54,276 38,949 40,531 44,867	\$   S   Con   Co	\$ - nection  Amount \$ 101.509 \$ 95.254 \$ 95.254 \$ 86.276 \$ 119.991 \$ 126.044 \$ 126.044 \$ 127.006 \$ 127.006 \$ 127.006 \$ 19.141 \$ 91.431 \$ 104.999 \$ 1.255,377	\$  Total Connection  Amount  \$ 142.72 \$ 136,14 \$ 133,92 \$ 122,54 \$ 122,54 \$ 127,60 \$ 174,80 \$ 174,80 \$ 178,60 \$ 174,61 \$ 133,92 \$ 174,61 \$ 176,61,03



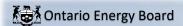
The purpose of this table is to re-align the current RTS Network Rates to recover current wholesale network costs.

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 General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW	0.0068 0.0068 2.7220 1.7108 2.0989	118,521,593 39,713,754	0 0 304,933 141 5,031	805,947 270,054 830,028 241 10,560	42.0% 14.1% 43.3% 0.0% 0.6%	798,226 267,467 822,076 239 10,458	0.0067 0.0067 2.6959 1.6944 2.0788
The purpose of this table is to re-align the current R	TS 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 General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW	0.0061 0.0057 2.3169 1.4553 1.7864	118,521,593 39,713,754	0 0 304,933 141 5,031	722,982 226,368 706,499 205 8,987	43.4% 13.6% 42.4% 0.0% 0.5%	766,402 239,963 748,929 218 9,527	0.0065 0.0060 2.4560 1.5427 1.8937
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 %	Current Wholesale Billing	Proposed RTSR- Network
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW	0.0067 0.0067 2.6959 1.6944 2.0788	118,521,593 39,713,754	0 0 304,933 141 5,031	798,226 267,467 822,076 239 10,458	42.0% 14.1% 43.3% 0.0% 0.6%	798,226 267,467 822,076 239 10,458	0.0067 0.0067 2.6959 1.6944 2.0788
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 %	Current Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW	0.0065 0.0060 2.4560 1.5427 1.8937	118,521,593 39,713,754	0 0 304,933 141 5,031	766,402 239,963 748,929 218 9,527	43.4% 13.6% 42.4% 0.0% 0.5%	766,402 239,963 748,929 218 9,527	0.0065 0.0060 2.4560 1.5427 1.8937



If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2018 values and will be updated by OEB staff at a later date.

Choose Stretch Factor Group  Associated Stretch Factor Value		Price Cap Index	1.05%	(approved in the last CoS)  Rate Design Transition Years Left	1	OEB-approved # of Transition Years	4	
Associated Stretch Factor Value		MEC Adirectment	Circum	Rate Design Transition Years Left	Price Cap Index to		Proposed	
	Current	MFC Adjustment	Current		Price Cap Index to be Applied to MFC		Proposed Volumetric	



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

Regulatory Charges		Proposed
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

### Time-of-Use RPP Prices

As of		May 1, 2018
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1320

### **Debt Retirement Charge (DRC)**

Debt Retirement Charge (DRC)	\$/kWh	0.0000
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### Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$ 0.57



## Effective and Implementation Date January 1, 2019

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

EB-2018-0024

### RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge Smart Metering Entity Charge - effective until December 31, 2022 Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$ \$ \$	26.68 0.57 0.37
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until December 31, 2019 Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh	0.0002 0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## Effective and Implementation Date January 1, 2019

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

EB-2018-0024

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

Service Charge Smart Metering Entity Charge - effective until December 31, 2022 Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019 Distribution Volumetric Rate	\$ \$ \$ \$/kWh	24.47 0.57 0.79 0.0167
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until December 31, 2019	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0032 0.0004 0.0003 0.25

## Effective and Implementation Date January 1, 2019

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

EB-2018-0024

## **GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 50 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

Service Charge	\$	76.25
Distribution Volumetric Rate	\$/kW	3.6504
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -		
effective until December 31, 2019	\$/kW	0.0446
Retail Transmission Rate - Network Service Rate	Φ /L-\ Δ /	2.0050
Retail Transmission Rate - Network Service Rate	\$/kW	2.6959
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4560
	Ψ	2000
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## **Effective and Implementation Date January 1, 2019**

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

EB-2018-0024

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for individual lighting on private property controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge (per connection)	\$	4.93
Distribution Volumetric Rate	\$/kW	5.9697
Retail Transmission Rate - Network Service Rate	\$/kW	1.6944
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5427
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

### Effective and Implementation Date January 1, 2019

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

EB-2018-0024

## STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting shape template. 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge (per connection)  Distribution Volumetric Rate	\$ \$/kW	3.77 0.0368
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until December 31, 2019	\$/kW	0.0119
Retail Transmission Rate - Network Service Rate	\$/kW	2.0788
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8937
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

### Effective and Implementation Date January 1, 2019

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

EB-2018-0024

### microFIT SERVICE CLASSIFICATION

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

### **APPLICATION**

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

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

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

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

### **MONTHLY RATES AND CHARGES - Delivery Component**

Sanias Charas	<b>c</b>	10.00
Service Charge	Ď	10.00

### **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

### **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 charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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

### **Customer Administration**

Arrears certificate	\$ 15.00
Statement of account	\$ 15.00
Pulling post dated cheques	\$ 15.00
Duplicate invoices for previous billing	\$ 15.00
Request for other billing information	\$ 15.00
Easement Letter	\$ 15.00
Income tax letter	\$ 15.00
Notification charge	\$ 15.00

## Effective and Implementation Date January 1, 2019

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

		EB-2018-0024
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	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	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00
Other		
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	22.35
Disconnect/Reconnect at customer's request - at meter during regular hours	\$	65.00

## **RETAIL SERVICE CHARGES (if applicable)**

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

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

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

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

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

	\$	100.00
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer		
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50

### Effective and Implementation Date January 1, 2019

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

EB-2018-0024

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) \$ 2.00

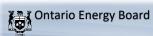
### LOSS FACTORS

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

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

1.0289



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

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

#### Note:

- 1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
- 2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

#### Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0393	1.0393	750		N/A	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0393	1.0393	2,000		N/A	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0393	1.0393	43,800	100	DEMAND	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0393	1.0393	730	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0393	1.0393	730	1	DEMAND	1
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0393	1.0393	750			
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0393	1.0393	323			
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0393	1.0393	323			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0393	1.0393	2,000			
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

#### Table 2

DATE OF ACCES / CATEGORIES						Sul	o-Total				Total						
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	A B						С		Total Bill							
, ,			\$	%		\$	%		\$	%		\$	%				
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	0.06	0.2%	\$	0.06	0.2%	\$	0.30	0.7%	\$	0.31	0.3%				
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$	1.65	2.8%	\$	1.65	2.5%	\$	2.07	2.3%	\$	2.17	0.8%				
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	9.04	2.1%	\$	9.04	2.1%	\$	20.34	2.2%	\$	22.98	0.3%				
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$	0.11	1.0%	\$	0.11	0.9%	\$	0.18	1.1%	\$	0.21	0.2%				
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	0.05	1.4%	\$	0.05	0.8%	\$	0.14	1.3%	\$	0.16	0.1%				
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$	0.06	0.2%	\$	0.06	0.2%	\$	0.30	0.7%	\$	0.34	0.2%				
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	1.82	7.2%	\$	1.82	6.7%	\$	1.92	6.1%	\$	2.01	3.2%				
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$	1.82	7.2%	\$	1.82	6.7%	\$	1.92	6.1%	\$	2.17	2.8%				
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$	1.65	2.8%	\$	1.65	2.5%	\$	2.07	2.2%	\$	2.33	0.6%				
					†						1						
								1									

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

750 kWh Consumption - kW 1.0393 1.0393 Demand

Current Loss Factor Proposed/Approved Loss Factor

	Current 0	EB-Approved	i		Proposed		Im	pact
	Rate	Volume	Charge	Rate	Volume	Charge		•
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 23.54		\$ 23.54	\$ 26.68	1	\$ 26.68	\$ 3.14	13.34%
Distribution Volumetric Rate	\$ 0.0043			\$ -	750		\$ (3.23)	-100.00%
Fixed Rate Riders	\$ 0.37		\$ 0.37	\$ 0.37	1	\$ 0.37	\$ -	0.00%
Volumetric Rate Riders	\$ -	750		\$ 0.0002	750			
Sub-Total A (excluding pass through)			\$ 27.14			\$ 27.20	\$ 0.06	0.24%
Line Losses on Cost of Power	\$ 0.0820	29	\$ 2.42	\$ 0.0820	29	\$ 2.42	\$ -	0.00%
Total Deferral/Variance Account Rate		750	\$ -	e _	750	\$ -	\$ -	
Riders	•			Ψ		T *	· ·	
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ -	750	\$ -		750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
	,		*	• 0.01			·	0.0070
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 30.12			\$ 30.19	\$ 0.06	0.22%
Total A)			•			•	•	
RTSR - Network	\$ 0.0068	779	\$ 5.30	\$ 0.0067	779	\$ 5.22	\$ (0.08)	-1.47%
RTSR - Connection and/or Line and	\$ 0.0061	779	\$ 4.75	\$ 0.0065	779	\$ 5.07	\$ 0.31	6.56%
Transformation Connection	0.000		Ψ σ	<b>V</b> 0.0000		ψ 0.01	ψ 0.01	0.0070
Sub-Total C - Delivery (including Sub-			\$ 40.18			\$ 40.48	\$ 0.30	0.74%
Total B)			*			*	•	*** ***
Wholesale Market Service Charge	\$ 0.0036	779	\$ 2.81	\$ 0.0036	779	\$ 2.81	\$ -	0.00%
(WMSC)	,			,		,	·	
Rural and Remote Rate Protection	\$ 0.0003	779	\$ 0.23	\$ 0.0003	779	\$ 0.23	s -	0.00%
(RRRP)				• • • •		• • • • •	•	2 2224
Standard Supply Service Charge	\$ 0.25		\$ 0.25	\$ 0.25	1	\$ 0.25		0.00%
TOU - Off Peak	\$ 0.0650		\$ 31.69	\$ 0.0650	488	\$ 31.69		0.00%
TOU - Mid Peak	\$ 0.0940		\$ 11.99	\$ 0.0940	128	\$ 11.99		0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
Total Bill on TOU (before Taxes)		.1	\$ 104.96	100/		\$ 105.26		0.28%
HST	139		\$ 13.64	13%		\$ 13.68		0.28%
8% Rebate	89	D	\$ (8.40)	8%		\$ (8.42)		0.5551
Total Bill on TOU			\$ 110.21			\$ 110.52	\$ 0.31	0.28%

Customer Class: GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION RPP / Non-RPP: RPP

2,000 kWh Consumption - kW 1.0393 1.0393 Demand Current Loss Factor Proposed/Approved Loss Factor

	Current OEB-Approved				Proposed	1	In	npact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 24	22 1	\$ 24.22	\$ 24.47	1	\$ 24.47	\$ 0.25	1.03%
Distribution Volumetric Rate	\$ 0.01	2000	\$ 33.00	\$ 0.0167	2000	\$ 33.40	\$ 0.40	1.21%
Fixed Rate Riders	\$ 0	79 1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Volumetric Rate Riders	\$	2000	- \$	\$ 0.0005	2000	\$ 1.00	\$ 1.00	
Sub-Total A (excluding pass through)			\$ 58.0			\$ 59.66	\$ 1.65	2.84%
Line Losses on Cost of Power	\$ 0.08	20 79	\$ 6.44	\$ 0.0820	79	\$ 6.44	\$ -	0.00%
Total Deferral/Variance Account Rate	e	2,000	\$ -	e	2.000	s -	s -	
Riders	3	2,000	Φ -	Φ -	2,000	· -	φ -	
CBR Class B Rate Riders	\$	2,000		\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$	2,000	\$ -		2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0	57 1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	¢ .	1	\$ -	s -	1	s -	s -	
Additional Volumetric Rate Riders	•	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-		2,000	1	Ť	2,000	1		
Total A)			\$ 65.02	:		\$ 66.67	\$ 1.65	2.54%
RTSR - Network	\$ 0.00	2,079	\$ 14.13	\$ 0.0067	2,079	\$ 13.93	\$ (0.21)	-1.47%
RTSR - Connection and/or Line and		0.070	£ 44.00		0.070	£ 40.47	¢ 0.00	F 000/
Transformation Connection	\$ 0.00	2,079	\$ 11.85	\$ 0.0060	2,079	\$ 12.47	\$ 0.62	5.26%
Sub-Total C - Delivery (including Sub-			\$ 91.0			\$ 93.07	\$ 2.07	2.27%
Total B)			Ψ 31.0			φ 33.01	\$ 2.07	2.21 /0
Wholesale Market Service Charge	\$ 0.00	2,079	\$ 7.48	\$ 0.0036	2,079	\$ 7.48	\$ -	0.00%
(WMSC)	,	_,	*		_,	*	1	
Rural and Remote Rate Protection	\$ 0.00	2,079	\$ 0.62	\$ 0.0003	2.079	\$ 0.62	\$ -	0.00%
(RRRP)					,	*	•	
Standard Supply Service Charge		25 1	\$ 0.25			\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.06					\$ 84.50		0.00%
TOU - Mid Peak	\$ 0.09					\$ 31.96		0.00%
TOU - On Peak	\$ 0.13	20 360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
						005.44		0.700/
Total Bill on TOU (before Taxes)			\$ 263.34		,	\$ 265.41		0.78%
HST		3%	\$ 34.23			\$ 34.50		0.78%
8% Rebate		3%	\$ (21.07		ó	\$ (21.23)		0 ====
Total Bill on TOU		_	\$ 276.5			\$ 278.68	\$ 2.17	0.78%

Customer Class: GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION RPP / Non-RPP: Non-RPP (Other)

Consumption 43,800 kWh

100 kW Demand 1.0393 Current Loss Factor Proposed/Approved Loss Factor

	Current OEB-Approved				Proposed					Impact		
	Rate		Volume	Charge		Rate	Volume	Charge				
	(\$)			(\$)		(\$)		(\$)	\$ Cha		% Change	
Monthly Service Charge	\$	75.46	1	\$ 75.46	\$	76.25	1	\$ 76.25	\$	0.79	1.05%	
Distribution Volumetric Rate	\$	3.6125	100	\$ 361.25	\$	3.6504	100	\$ 365.04	\$	3.79	1.05%	
Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$	-		
Volumetric Rate Riders	\$	-	100		\$	0.0446	100			4.46		
Sub-Total A (excluding pass through)				\$ 436.71				\$ 445.75		9.04	2.07%	
Line Losses on Cost of Power	\$	-	-	\$ -	\$	-	-	\$ -	\$	-		
Total Deferral/Variance Account Rate	\$	_	100	\$ -	\$	_	100	s -	\$			
Riders	*			Ψ	۳			Ψ	•			
CBR Class B Rate Riders	\$	-	100	\$ -	\$	-		\$ -	\$	-		
GA Rate Riders	\$	-	43,800	\$ -	\$	-	43,800	\$ -	\$	-		
Low Voltage Service Charge	\$	-	100	\$ -			100	\$ -	\$	-		
Smart Meter Entity Charge (if applicable)	\$	_	1	\$ -	\$	_	1	s -	\$	_		
	*			Ψ	۳		•	Ψ	Ψ			
Additional Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$	-		
Additional Volumetric Rate Riders			100	\$ -	\$	-	100	\$ -	\$	-		
Sub-Total B - Distribution (includes Sub-				\$ 436.71				\$ 445.75	\$	9.04	2.07%	
Total A)				•				•	·			
RTSR - Network	\$	2.7220	100	\$ 272.20	\$	2.6959	100	\$ 269.59	\$	(2.61)	-0.96%	
RTSR - Connection and/or Line and	\$	2.3169	100	\$ 231.69	\$	2.4560	100	\$ 245.60	\$	13.91	6.00%	
Transformation Connection	Ψ	2.0100	100	Ψ 201.00	۳	2.4000	100	Ψ 240.00	Ψ	10.51	0.0070	
Sub-Total C - Delivery (including Sub-				\$ 940.60				\$ 960.94	\$	20.34	2.16%	
Total B)				Ψ 540.00				<b>y</b> 300.54	۳	20.04	2.1070	
Wholesale Market Service Charge	\$	0.0036	45,521	\$ 163.88	\$	0.0036	45,521	\$ 163.88	\$		0.00%	
(WMSC)	*	0.0000	40,021	Ψ 100.00	۳	0.0000	40,021	Ψ 100.00	Ψ		0.0070	
Rural and Remote Rate Protection	\$	0.0003	45,521	\$ 13.66	\$	0.0003	45,521	\$ 13.66	\$		0.00%	
(RRRP)	*		40,021	•	۳		40,021	*				
Standard Supply Service Charge	\$	0.25	1	\$ 0.25	\$	0.25	1	\$ 0.25		-	0.00%	
Average IESO Wholesale Market Price	\$	0.1101	45,521	\$ 5,011.90	\$	0.1101	45,521	\$ 5,011.90	\$	-	0.00%	
Total Bill on Average IESO Wholesale Market Price				\$ 6,130.28				\$ 6,150.62		20.34	0.33%	
HST		13%		\$ 796.94		13%		\$ 799.58	\$	2.64	0.33%	
Total Bill on Average IESO Wholesale Market Price				\$ 6,927.22				\$ 6,950.20	\$	22.98	0.33%	
					Т							

Customer Class: SENTINEL LIGHTING SERVICE CLASSIFICATION RPP / Non-RPP: RPP

	Current	OEB-Approve	d		Proposed		Im	pact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.8		\$ 4.88	\$ 4.93	1	\$ 4.93		1.02%
Distribution Volumetric Rate	\$ 5.907	7 1	\$ 5.91	\$ 5.9697	1	\$ 5.97	\$ 0.06	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 10.79			\$ 10.90	\$ 0.11	1.04%
Line Losses on Cost of Power	\$ 0.082	29	\$ 2.35	\$ 0.0820	29	\$ 2.35	\$ -	0.00%
Total Deferral/Variance Account Rate		1	s -	\$ -	1	s -	\$ -	
Riders	*		Ť	Ψ		Ť	·	
CBR Class B Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
GA Rate Riders	\$ -	730	\$ -	\$ -	730	\$ -	\$ -	
Low Voltage Service Charge	\$ -	1	\$ -		1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 13.14			\$ 13.25	\$ 0.11	0.85%
Total A)			•			•	•	
RTSR - Network	\$ 1.710	1	\$ 1.71	\$ 1.6944	1	\$ 1.69	\$ (0.02)	-0.96%
RTSR - Connection and/or Line and	\$ 1.455	3 1	\$ 1.46	\$ 1.5427	1	\$ 1.54	\$ 0.09	6.01%
Transformation Connection	1.433	'	¥ 1.40	\$ 1.5427		Ψ 1.54	ψ 0.09	0.0170
Sub-Total C - Delivery (including Sub-			\$ 16.31			\$ 16.49	\$ 0.18	1.12%
Total B)			*			, ,,,,,	•	
Wholesale Market Service Charge (WMSC)	\$ 0.003	759	\$ 2.73	\$ 0.0036	759	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection								
(RRRP)	\$ 0.000	759	\$ 0.23	\$ 0.0003	759	\$ 0.23	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2	5 1	\$ 0.25	\$ 0.25	1	\$ 0.25	s -	0.00%
TOU - Off Peak	\$ 0.065		\$ 30.84	\$ 0.0650	475	\$ 30.84		0.00%
TOU - Mid Peak	\$ 0.094		\$ 11.67	\$ 0.0940	124	\$ 11.67	\$ -	0.00%
TOU - On Peak	\$ 0.132		\$ 17.34	\$ 0.1320	131	\$ 17.34	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 79.37			\$ 79.55	\$ 0.18	0.23%
HST	13	%	\$ 10.32	13%	5	\$ 10.34	\$ 0.02	0.23%
Total Bill on TOU			\$ 89.69			\$ 89.89	\$ 0.21	0.23%

Customer Class: STREET LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP: Non-RPP (Other)
Consumption 730 kWh

Demand 1 kW 1.0393 Current Loss Factor Proposed/Approved Loss Factor

		Current OI	EB-Approved	d				Proposed	ı			Im	pact
		ate \$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	4	Change	% Change
Monthly Service Charge	\$	3.73	1	\$	3.73	\$	3.77	1	\$	3.77	\$	0.04	1.07%
Distribution Volumetric Rate	\$	0.0364	1	\$	0.04	\$	0.0368	1	\$	0.04	\$	0.00	1.10%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	_	1	\$	_	\$	0.0119	1	\$	0.01	\$	0.01	
Sub-Total A (excluding pass through)				\$	3.77				\$	3.82	\$	0.05	1.39%
Line Losses on Cost of Power	\$	0.1101	29	\$	3.16	\$	0.1101	29	\$	3.16	\$	-	0.00%
Total Deferral/Variance Account Rate	•			•				1	\$		\$		
Riders	P	-	'	Ф	-	Ф	-	'	Ф	-	Ф	-	
CBR Class B Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
GA Rate Riders	\$	-	730	\$	-	\$	-	730	\$	-	\$	-	
Low Voltage Service Charge	\$	-	1	\$	-			1	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	e		1	œ		•		1	•		œ	_	
	Ą	-	'	Φ	-	φ	-		φ	-	φ	-	
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			1	\$	-	\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	6.93				\$	6.98	\$	0.05	0.76%
Total A)				*					<u> </u>		*		
RTSR - Network	\$	2.0989	1	\$	2.10	\$	2.0788	1	\$	2.08	\$	(0.02)	-0.96%
RTSR - Connection and/or Line and	\$	1.7864	1	\$	1.79	\$	1.8937	1	\$	1.89	\$	0.11	6.01%
Transformation Connection	*			Ÿ	0	Ť			Ť	1.00	_	0	0.0170
Sub-Total C - Delivery (including Sub-				\$	10.81				\$	10.95	\$	0.14	1.29%
Total B)				· ·					Υ	10.00	•	• • • • • • • • • • • • • • • • • • • •	112070
Wholesale Market Service Charge	\$	0.0036	759	\$	2.73	\$	0.0036	759	\$	2.73	\$	_	0.00%
(WMSC)	*			*		Τ.			*		*		
Rural and Remote Rate Protection	\$	0.0003	759	\$	0.23	\$	0.0003	759	\$	0.23	\$	_	0.00%
(RRRP)	Ĭ			Ĭ		Ţ			l .				
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Average IESO Wholesale Market Price	\$	0.1101	730	\$	80.38	\$	0.1101	730	\$	80.38	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Price				\$	94.40	I			\$	94.54		0.14	0.15%
HST		13%		\$	12.27		13%		\$	12.29	\$	0.02	0.15%
Total Bill on Average IESO Wholesale Market Price				\$	106.68				\$	106.83	\$	0.16	0.15%

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION
RPP / Non-RPP: Non-RPP (Retailer)
Consumption 750 kWh - kW Demand Current Loss Factor Proposed/Approved Loss Factor 1.0393 1.0393

	Current O	EB-Approved	I		Proposed		Im	npact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 23.54	1	\$ 23.54	\$ 26.68	1	\$ 26.68		13.34%
Distribution Volumetric Rate	\$ 0.0043	750		\$ -	750		\$ (3.23)	-100.00%
Fixed Rate Riders	\$ 0.37	1	\$ 0.37	\$ 0.37	1	\$ 0.37	\$ -	0.00%
Volumetric Rate Riders	\$ -	750		\$ 0.0002	750			
Sub-Total A (excluding pass through)			\$ 27.14			\$ 27.20	\$ 0.06	0.24%
Line Losses on Cost of Power	\$ 0.1101	29	\$ 3.25	\$ 0.1101	29	\$ 3.25	\$ -	0.00%
Total Deferral/Variance Account Rate	- s	750	\$ -	\$ -	750	s -	\$ -	
Riders	1.		•	Ť			•	
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ -	750	\$ -		750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
	1,	•	•				•	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 30.95			\$ 31.02	\$ 0.06	0.21%
Total A)							. (2.22)	
RTSR - Network	\$ 0.0068	779	\$ 5.30	\$ 0.0067	779	\$ 5.22	\$ (0.08)	-1.47%
RTSR - Connection and/or Line and	\$ 0.0061	779	\$ 4.75	\$ 0.0065	779	\$ 5.07	\$ 0.31	6.56%
Transformation Connection	•					•		
Sub-Total C - Delivery (including Sub-			\$ 41.01			\$ 41.30	\$ 0.30	0.73%
Total B)						•		
Wholesale Market Service Charge	\$ 0.0036	779	\$ 2.81	\$ 0.0036	779	\$ 2.81	\$ -	0.00%
(WMSC)			•	•			•	
Rural and Remote Rate Protection	\$ 0.0003	779	\$ 0.23	\$ 0.0003	779	\$ 0.23	\$ -	0.00%
(RRRP)								
Standard Supply Service Charge		750			750	00.50	•	0.000/
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
	1							2.2.121
Total Bill on Non-RPP Avg. Price			\$ 126.62			\$ 126.92		0.24%
HST	13%		\$ 16.46	13%		\$ 16.50	\$ 0.04	0.24%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 143.08			\$ 143.42	\$ 0.34	0.24%

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

323 kWh Consumption - kW 1.0393 1.0393 Demand

Current Loss Factor Proposed/Approved Loss Factor

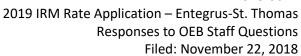
		Current Ol	EB-Approved	d		Proposed						lm	pact
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	23.54	1	\$	23.54	\$	26.68	1	\$	26.68	\$	3.14	13.34%
Distribution Volumetric Rate	\$	0.0043	323	\$	1.39	\$	-	323	\$	-	\$	(1.39)	-100.00%
Fixed Rate Riders	\$	0.37	1	\$	0.37	\$	0.37	1	\$	0.37	\$	-	0.00%
Volumetric Rate Riders	\$	-	323	\$	-	\$	0.0002	323		0.06	\$	0.06	
Sub-Total A (excluding pass through)				\$	25.30				\$	27.11	\$	1.82	7.18%
Line Losses on Cost of Power	\$	0.0820	13	\$	1.04	\$	0.0820	13	\$	1.04	\$	-	0.00%
Total Deferral/Variance Account Rate	\$	_	323	\$		\$	_	323	\$		¢		
Riders	<b>"</b>	-		Ψ	_	Ψ	-			-	Ψ	-	
CBR Class B Rate Riders	\$	-	323	\$	-	\$	-		\$	-	\$	-	
GA Rate Riders	\$	-	323	\$	-	\$	-	323	\$	-	\$	-	
Low Voltage Service Charge	\$	-	323	\$	-			323	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	•	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	_	0.00%
	1*	0.57		Ψ	0.57	Ψ	0.57	'		0.57	Ψ	-	0.0078
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			323	\$	-	\$	-	323	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	26.91				s	28.73	\$	1.82	6.75%
Total A)				*					*		*		
RTSR - Network	\$	0.0068	336	\$	2.28	\$	0.0067	336	\$	2.25	\$	(0.03)	-1.47%
RTSR - Connection and/or Line and	\$	0.0061	336	\$	2.05	\$	0.0065	336	\$	2.18	\$	0.13	6.56%
Transformation Connection	*	0.0001	000	Ψ	2.00	Ψ	0.0000	000	Ψ	2.10	Ψ	0.10	0.0070
Sub-Total C - Delivery (including Sub-				\$	31.24				\$	33.16	\$	1.92	6.13%
Total B)				*	0				*		Ť		0070
Wholesale Market Service Charge	\$	0.0036	336	\$	1.21	\$	0.0036	336	\$	1.21	\$	_	0.00%
(WMSC)	*	0.0000	000	Ψ		_	0.0000	000	•		Ψ.		0.0070
Rural and Remote Rate Protection	s	0.0003	336	\$	0.10	\$	0.0003	336	\$	0.10	\$	-	0.00%
(RRRP)				1		I							
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25		\$	0.25	\$	-	0.00%
TOU - Off Peak	\$	0.0650	210	\$			0.0650	210		13.65	\$	-	0.00%
TOU - Mid Peak	\$	0.0940	55	\$	5.16	\$	0.0940	55	\$	5.16	\$	-	0.00%
TOU - On Peak	\$	0.1320	58	\$	7.67	\$	0.1320	58	\$	7.67	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	59.28				\$	61.20		1.92	3.23%
HST		13%		\$	7.71		13%		\$	7.96	\$	0.25	3.23%
8% Rebate		8%		\$	(4.74)		8%		\$	(4.90)		(0.15)	
Total Bill on TOU				\$	62.25				\$	64.26	\$	2.01	3.23%

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION
RPP / Non-RPP: Non-RPP (Retailer)
Consumption 323 kWh - kW Demand Current Loss Factor Proposed/Approved Loss Factor 1.0393 1.0393

	Current	DEB-Approve	d		Proposed		In	npact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 23.5		\$ 23.54	\$ 26.68	1	\$ 26.68		13.34%
Distribution Volumetric Rate	\$ 0.004			\$ -	323		\$ (1.39)	-100.00%
Fixed Rate Riders	\$ 0.3		\$ 0.37	\$ 0.37	1	\$ 0.37	\$ -	0.00%
Volumetric Rate Riders	\$ -	323		\$ 0.0002	323			
Sub-Total A (excluding pass through)			\$ 25.30			\$ 27.11	\$ 1.82	7.18%
Line Losses on Cost of Power	\$ 0.110	13	\$ 1.40	\$ 0.1101	13	\$ 1.40	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	323	\$ -	\$ -	323	\$ -	\$ -	
Riders	1.		Ť				·	
CBR Class B Rate Riders	\$ -	323	-	\$ -	323	\$ -	\$ -	
GA Rate Riders	\$ -	323	\$ -	\$ -	323	\$ -	\$ -	
Low Voltage Service Charge	\$ -	323	\$ -		323	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.5	,   1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
	'	1					·	1
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	ı
Additional Volumetric Rate Riders		323	\$ -	\$ -	323	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 27.27			\$ 29.08	\$ 1.82	6.66%
Total A)							. (2.22)	
RTSR - Network	\$ 0.006	336	\$ 2.28	\$ 0.0067	336	\$ 2.25	\$ (0.03)	-1.47%
RTSR - Connection and/or Line and	\$ 0.006	336	\$ 2.05	\$ 0.0065	336	\$ 2.18	\$ 0.13	6.56%
Transformation Connection								
Sub-Total C - Delivery (including Sub-			\$ 31.60			\$ 33.51	\$ 1.92	6.07%
Total B)			•				•	
Wholesale Market Service Charge	\$ 0.003	336	\$ 1.21	\$ 0.0036	336	\$ 1.21	\$ -	0.00%
(WMSC)								
Rural and Remote Rate Protection	\$ 0.000	336	\$ 0.10	\$ 0.0003	336	\$ 0.10	\$ -	0.00%
(RRRP)								
Standard Supply Service Charge			A 05.50		000	0.5.50	•	0.000/
Non-RPP Retailer Avg. Price	\$ 0.110	323	\$ 35.56	\$ 0.1101	323	\$ 35.56	\$ -	0.00%
			A 00.47			70.00	100	0.000/
Total Bill on Non-RPP Avg. Price	100	,	\$ <b>68.47</b> \$ 8.90	4001		\$ 70.38 \$ 9.15		2.80%
HST	13'		\$ 8.90	13%		\$ 9.15	\$ 0.25	2.80%
8% Rebate	81	<b>%</b>		8%				0.000/
Total Bill on Non-RPP Avg. Price			\$ 77.37			\$ 79.53	\$ 2.17	2.80%

Customer Class: GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION
RPP / Non-RPP: Non-RPP (Retailer)
Consumption 2,000 kWh

		Current O	EB-Approved	i			Proposed			Impact
		Rate	Volume	Charge		Rate	Volume	Charge		
		(\$)		(\$)		(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$	24.22	1	\$ 24.22	2 \$	24.47	1	\$ 24.47	\$ 0.25	1.03%
Distribution Volumetric Rate	\$	0.0165	2000	\$ 33.00	\$	0.0167	2000	\$ 33.40	\$ 0.40	1.21%
Fixed Rate Riders	\$	0.79	1	\$ 0.79	\$	0.79	1	\$ 0.79	\$ -	0.00%
Volumetric Rate Riders	\$	-	2000	\$ -	\$	0.0005	2000	\$ 1.00	\$ 1.00	)
Sub-Total A (excluding pass through)				\$ 58.0				\$ 59.66	\$ 1.6	2.84%
Line Losses on Cost of Power	\$	0.1101	79	\$ 8.65	5 \$	0.1101	79	\$ 8.65	\$ -	0.00%
Total Deferral/Variance Account Rate		_	2,000	\$ -			2,000	s -	s -	
Riders	3	-	2,000	<b>a</b> -	Ф	-	2,000		<b>a</b> -	
CBR Class B Rate Riders	\$	-	2,000	\$ -	\$	-	2,000	\$ -	\$ -	
GA Rate Riders	\$	-	2,000	\$ -	\$	-	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$	-	2,000	\$ -			2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)		0.57		¢ 0.5	,   ,	0.57		e 0.57	s -	0.000/
, , , , ,	3	0.57	1	\$ 0.57	\$	0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$ -	
Additional Volumetric Rate Riders			2,000	\$ -	\$	-	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-				\$ 67.23	, 🗆			\$ 68.88	\$ 1.65	2.45%
Total A)				\$ 07.23	١,			\$ 00.00	\$ 1.0	2.45%
RTSR - Network	\$	0.0068	2,079	\$ 14.13	\$	0.0067	2,079	\$ 13.93	\$ (0.2	-1.47%
RTSR - Connection and/or Line and	\$	0.0057	2,079	\$ 11.85	5 5	0.0060	2,079	\$ 12.47	\$ 0.62	5.26%
Transformation Connection	ð	0.0037	2,079	Ф 11.00	, 4	0.0000	2,079	φ 12.4 <i>1</i>	φ 0.02	3.20 /
Sub-Total C - Delivery (including Sub-				\$ 93.22	,			\$ 95.28	\$ 2.07	2.22%
Total B)				ψ 33.22				ψ 33.20	¥ 2.0	2.22/0
Wholesale Market Service Charge	\$	0.0036	2,079	\$ 7.48	3 \$	0.0036	2,079	\$ 7.48	\$ -	0.00%
(WMSC)	*	0.0000	2,070	Ψ 7.40	<b>,</b>   •	0.0000	2,010	Ψ 7.40	<b>"</b>	0.0070
Rural and Remote Rate Protection	\$	0.0003	2,079	\$ 0.62		0.0003	2,079	\$ 0.62	\$ -	0.00%
(RRRP)		0.0000	2,070	ψ 0.02	-   *	0.0000	2,010	Ψ 0.02	Ψ	0.0070
Standard Supply Service Charge										
Non-RPP Retailer Avg. Price	\$	0.1101	2,000	\$ 220.20	\$	0.1101	2,000	\$ 220.20	\$ -	0.00%
Total Bill on Non-RPP Avg. Price				\$ 321.52				\$ 323.59		
HST		13%		\$ 41.80	)	13%		\$ 42.07	\$ 0.27	0.64%
8% Rebate		8%				8%				
Total Bill on Non-RPP Avg. Price				\$ 363.32	2			\$ 365.66	\$ 2.33	0.64%





# **ATTACHMENT B**

LRAMVA Workform

### LRAMVA Work Form: **Summary Tab**

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

LDC Name

Entegrus - St Thomas

#### 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#) Application of Previous LRAMVA Claim

EB-2016-0104 Price Cap IR Period of LRAMVA Claimed in Previous Application 2013-2015 Amount of LRAMVA Claimed in Previous Application \$ 178,799.00 B. Current LRAMVA Application Current LRAMVA Application (EB#) Application of Current LRAMVA Claim Period of New LRAMVA in this Application Actual Lost Revenues (\$) Forecast Lost Revenues (S)

> Carrying Charges (\$) LRAMVA (\$) for Account 1568

2019 IRM 2016 47.004 С 1.855 54,339

EB-2018-0024

C. Documentation of Changes

Original Amount Amount for Final Disposition \$ 54,302.00

#### 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 fiders 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.

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	\$20,318	\$718	\$21,036
GS<50 kW	kWh	\$18,967	\$670	\$19,637
GS 50 to 4,999 kW	kW	\$13,140	\$464	\$13,605
Large Use	kW	\$0	\$0	\$0
Unmetered Scattered Load	kWh	\$0	\$0	\$0
Sentinel Lighting	kW	\$0	\$0	\$0
Street Lighting	kW	\$58	\$2	\$60
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$52,484	\$1,855	\$54,339

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

In column C of Table 1-b below, please insees a 'theek' man't to indicate the years in which IERAMY his been claimed. If you insented a check-mark for a particular year, please defer the amounts associated with the actual and forecast host revenues for all rate classes for that year, up to and including the total. Appl IERAMY from a party year that the absenced below a beauty please claimed and to end cannot be and clade in the current IERAMY observable or the result production of the case modes 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 two blank.

Depending on the period of LRAMVA to be claimed, LDCs are expected to adjust the totals for carrying charges in row 82 of Table 1-b and the years included in the LRAMVA balance in row 83, as appropriate.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
		kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
2011 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast	_	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2013 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																4
2014 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2015 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2016 Actuals		\$42,674.75	\$28,446.73	\$28,303.78	\$0.00	\$0.00	\$0.00	\$62.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$99,487.5
2016 Forecast		(\$22,356.45)	(\$9,479.58)	(\$15,163.34)	\$0.00	\$0.00	\$0.00	(\$4.44)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$47,003)
Amount Cleared																
2017 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2018 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2019 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																4
2020 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
Carrying Charges		\$718.08	\$670.33	\$464.41	\$0.00	\$0.00	\$0.00	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,854.8
Total LRAMVA Balance		\$21,036	\$19.637	\$13,605	0.2	\$0.00	0.2	\$60	60	\$0.0	0.2	\$0	\$n	\$0	sn.	\$54,338.0

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



# **LRAMVA Work Form: Summary of Changes**

Version 2.0 (2017)

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; use of a different LRAMVA threshold; etc. All important changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	2. LRAMVA Threshold	D24	Although a 2012 COS, rates only came into effect in 2013	Rates in calendar year 2012 did not account for CDM
2	5. 2015-2020 LRAM	All data rows	Reorganized to match order in IESO 2017 final results report	Simplifies comparison to source document
3	5. 2015-2020 LRAM	AE380	Actual CDM Savings in 2016 - Street Lighting from Tab 8	
4	5. 2015-2020 LRAM	B274	Conservation Fund name change	Program in IESO report with reported values did not exist in this OEB worksheet. Changed
5	5. 2015-2020 LRAM	D57:I57	Efficiency: Equipment Replacement Incentive Initiative	kWh attributed to street light project removed, as billing is by kW for street light rate class
6	5. 2015-2020 LRAM	D243:M243	Save on Energy Retrofit Program	kWh attributed to street light project removed, as billing is by kW for street light rate class
7	6. Carrying Charges	C46	Estimated carrying charge rate in Q4 2018	Based on rate in 2018Q3
8	4. 2011-2014 LRAM	Rows 130,258,387,516	Rates set to zero	LRAM/LRAMVA already claimed
9	5. 2015-2020 LRAM	Row 199	Rates set to zero	LRAMVA already claimed
10				
etc.				

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

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

No.	Tab	Cell Reference	Description	Rationale
1	6. Carrying Charges	C46	Updated carrying charge interest rate in Q4 2018	Previously estimated as OEB value not available (Board Staff Question 12, Nov 2018)
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				



#### LRAMVA Work Form: Forecast Lost Revenues

Version 2.0 (2017)

Legend

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

Table 2-a. LRAMVA Threshold

2011

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

	Total	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							
		kWh	kWh	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	1,492,000	419,793	632,603	439,604	0	0	0	0	0	0	0	0			
kW	115	0	0	115	0	0	0	0	0	0	0	0			
Summary		419793	632603	115	0	0	0	0	0	0	0	0	0	0	0

Basis of Threshold Source of Threshold Supplemental Information Regarding Settlement Agreement Section 3 (a) Operating Revenue (is the Customer and Load Forecast appropriate?)\* for EB-2010-0141 filed 8 July 2011.

Table 2-b. LRAMVA Threshold 2015

Please provide the LRAMVA threshold approved in the last COS 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 24. 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 rationals for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							
		kWh	kWh	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	4.068.000	1.746.598	588.794	1.687.119		331		45,158		kW	kWh	kW			
kW	4,431			4,303	0	3		125	0	0	0	0			
Summary		1746598	588794	4303	0	331	0	125	0	kW	kWh	kW	0	0	0

Basis of Threshold The 2015-2016 values are CDM load forecast adjustment values

Source of Threshold p. 35 of the "Settlement Proposal" as part of 2015 COS decision and order for EB-2014-0113, dated Nov 4, 2014.

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

Please complete hable 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 Table 3-a and 5-d this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							
		kWh	kWh	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	2011	419,793	632,603	115	0	0	0	0	0	0	0	0	0	0	0
2012	2011	419,793	632,603	115	0	0	0	0	0	0	0	0	0	0	0
2013	2011	419,793	632,603	115	0	0	0	0	0	0	0	0	0	0	0
2014	2011	419,793	632,603	115	0	0	0	0	0	0	0	0	0	0	0
2015	2015	1,746,598	588,794	4,303	0	331	0	125	0	kW	kWh	kW	0	0	0
2016	2015	1,746,598	588,794	4,303	0	331	0	125	0	kW	kWh	kW	0	0	0

### LRAMVA Work Form: Distribution Rates

Version 2.0 (2017)

#### 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.

f .	1				ı								
	Billing Unit	EB-2009-0208	EB-2010-0141	EB-2011-0196	EB-2012-0166	EB-2013-0171	EB-2014-0113	EB-2015-0102	EB-2016-0104	EB-2017-0074	EB-2018-0024	EB-2019-XXXX	EB-2020-XXXX
	5												
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		4	7	4	4	4	0	0	0				
Period 2 (# months)		8	5	8	8	8	12	12	12	12	12	12	12
Residential		\$ 0.0156	\$ 0.0160	\$ 0.0158	\$ 0.0158	\$ 0.0160	\$ 0.0168	\$ 0.0128	\$ 0.0086	\$ -			
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other					-\$ 0.0001	-\$ 0.0001							
Adjusted rate		\$ 0.0156	\$ 0.0160	\$ 0.0158	\$ 0.0157	\$ 0.0159	\$ 0.0168		\$ 0.0086	\$ -	\$ -	\$ -	
Calendar year equivalent			\$ 0.0158	\$ 0.0159	\$ 0.0157	\$ 0.0158	\$ 0.0168	\$ 0.0128	\$ 0.0086	\$ -	\$ -	\$ -	
GS<50 kW		\$ 0.0142	\$ 0.0147	\$ 0.0147	\$ 0.0149	\$ 0.0151	\$ 0.0158	\$ 0.0161	\$ 0.0164	\$ -			
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh				-\$ 0.0001	-\$ 0.0001							
Other													
Adjusted rate		\$ 0.0142	\$ 0.0147				\$ 0.0158			\$ -	\$ -	\$ -	
Calendar year equivalent			\$ 0.0144	\$ 0.0147	\$ 0.0148	\$ 0.0149	\$ 0.0158	\$ 0.0161	\$ 0.0164	\$ -	\$ -	\$ -	
GS 50 to 4,999 kW		\$ 2.9610	\$ 3.1490	\$ 3.1666	\$ 3.1919	\$ 3.2366	\$ 3.4616	\$ 3.5239	\$ 3.5803				
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other					-\$ 0.0093	-\$ 0.0093							
Adjusted rate		\$ 2.9610	\$ 3.1490	\$ 3.1666	\$ 3.1826	\$ 3.2273	\$ 3.4616	\$ 3.5239	\$ 3.5803	\$ -	\$ -	\$ -	
Calendar year equivalent			\$ 3.0393	\$ 3.1607	\$ 3.1773	\$ 3.2124	\$ 3.4616	\$ 3.5239	\$ 3.5803	\$ -	\$ -	\$ -	
Large Use	kW	\$ 0.7063	\$ -	\$ -	\$ -	s -	\$ -	s -	\$ -				
Adjusted rate	KVV	\$ 0.7063	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent			\$ 0.4120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Unmetered Scattered Load	kWh	\$ 0.0142	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Adjusted rate	KVVII	\$ 0.0142	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent			\$ 0.0083	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Sentinel Lighting		\$ 5.1223	\$ 4.5344	\$ 5.6577	\$ 6.8777	\$ 6.9740	\$ 5.6609	\$ 5.7628	\$ 5.8550				
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other					-\$ 0.0606	-\$ 0.0727							
Adjusted rate		\$ 5.1223	\$ 4.5344	\$ 5.6577	\$ 6.8171	\$ 6.9013	\$ 5.6609	\$ 5.7628	\$ 5.8550	\$ -	\$ -	\$ -	
Calendar year equivalent			\$ 4.8773	\$ 5.2833	\$ 6.4306	\$ 6.8732	\$ 5.6609	\$ 5.7628	\$ 5.8550	\$ -	\$ -	\$ -	
Street Lighting		\$ 0.2653	\$ 0.0163	-\$ 0.0069	\$ 0.0328	\$ 0.0333	\$ 0.0349	\$ 0.0355	\$ 0.0361				
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other					-\$ 0.0433	-\$ 0.0576							
Adjusted rate		\$ 0.2653	\$ 0.0163	-\$ 0.0069			\$ 0.0349			\$ -	\$ -	\$ -	
Calendar year equivalent			\$ 0.1616	\$ 0.0008	-\$ 0.0093	-\$ 0.0197	\$ 0.0349	\$ 0.0355	\$ 0.0361	\$ -	\$ -	\$ -	
0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					
Adjusted rate	l v	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					
Adjusted rate	U	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					
Adjusted rate	J	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

0	0	\$ - \$	-	\$ -	\$ -	\$ -	. 9	-	\$ -					
Adjusted rate	0	\$ - \$	-	\$ -	\$ -	\$ -	. 9	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$	-	\$ -	\$ -	\$ -	. \$	-	\$ -	\$ -	\$ -	\$ -	\$ •	
0	0													
Adjusted rate	0	\$ - \$	-	\$ -	\$ -	\$ -	. 95	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$	-	\$ -	\$ -	\$ -	. \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	
0	0													
Adjusted rate	0	\$ - \$	-	\$ -	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$	-	\$ -	\$ -	\$ -	. \$	-	\$ -	\$ -	\$ -	\$ -	\$ •	
0	0													
Adjusted rate	U	\$ - \$	-	\$ -	\$ -	\$ -	. 9	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		 		\$ -	\$ 	\$ -			\$ 	\$ 	\$ 	\$ 	\$ 	

Note: 2012 rates were only implemented beginning in August

#### 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. As such, 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 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							
	kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0
2011														
2012														
2013	\$0.0157	\$0.0148	\$3.1773	\$0.0000	\$0.0000	\$6.4306	(\$0.0093)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0158	\$0.0149	\$3.2124	\$0.0000	\$0.0000	\$6.8732	(\$0.0197)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0168	\$0.0158	\$3.4616	\$0.0000	\$0.0000	\$5.6609	\$0.0349	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0128	\$0.0161	\$3.5239	\$0.0000	\$0.0000	\$5.7628	\$0.0355	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017														
Nata - Bata - fan 2011 - 2012 - 1 2017 han							•	•	•	•		•	•	

Note: Rates for 2011, 2012 and 2017 have been removed from the table as they are not part of this application



# LRAMVA Work Form: Determination of Rate Class Allocations

Version 2.0 (2017)

#### 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.

Allocations are shown on Tab 4 and 5. Allocations are based on project specific information where available. For 2011-2015, allocations were estimated by Entegrus staff, drawing on gross savings in the IESO project database For 2016, allocations are based on net results reported by IESO in the projects spreadsheet



#### LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

Version 2.0 (201

Legend

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

Instructions

1. LDCs can apply for disposition of LPAMNA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMNA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manufally ink the savings, adjustments and program aswings persistence data is available upon requester from the SCO, Please also be advised that the seament actions code to the form and or the service and the seament and considered on the form and the seament actions code to the seament action and the seament action action and the seament action and the seament action action and the seament action action

2. Please ensure that the ESO 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 ESO in 2013 should be included in the 2012 program savings table. In code to pressing savings to be claimed in Municipation and year's influence of the savings results of the ESO adjustments were made available to the LDC after the LRMM/A was approved. Published amongs and the savings results on the ESO adjustments were made available to the LDC after the LRMM/A was approved. Published amongs of the savings results on the ESO adjustments the this time as proposed LOMM/A most approved. Published amongs and the ESO adjustments are made available to the LDC after the LRMM/A was approved. Published amongs and the ESO adjustments are reported by the ESO adjustments were made available to the LDC after the LRMM/A was approved. Published amongs and the ESO adjustments were made available to the LDC after the LRMM/A was approved. Published amongs and the ESO adjustments were made available to the LDC after the LRMM/A was approved.

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 LPAM policy related to peak demand savings in EB-2016-0182. Demand Response (PRIS) savings should generally not be included with the LDAMIX calculation, unless supported by empirical evidence. LDC are requested to confirm the monthly multipliers to set programs each year as placeford values are provided. It is different monthly multipliers taxed, please include afficiency in the area of highly the new multiplier that has please in the monthly multipliers taxed, please included and area multipliers that has permitted on white please in the set of the monthly multipliers taxed.

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 LRAMWA totals for the year) if future year's persistence of savings is already captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 4-a. 2011 Lost Revenues

Table 4-b. 2012 Lost Revenues

Table 4-c. 2013 Lost Revenues

	Table 4-d. 20	A land thermore.
Table 4-a. 2011 Lost Revenues Work Form		Net Energy Net Energy Savings Persistence (With) Source (W
Program	Results Status	No. Controlly   No. Controll
Consumer Program Appliance Retirement Adjustment to 2011 savings	Verified True-up	ANN KAY KAY KAY KAY
2 Appliance Exchange Adjustment to 2011 savings	Verified True-up	2,571 2,571 1,227 2 2 1 1 1 1 100,00% 100%
3 HVAC Incentives Adjustment to 2011 savings	Verified True-up	242783 24
Conservation Instant Coupon Booklet     Adjustment to 2011 savings	Verified True-up	65,382         56,382<
Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up	66,380         86,380         86,380         78,982         79,922         5         5         5         5         5         5         4         100,00%           6,418         6,418         6,418         6,418         6,418         6,418         5,822         0
Retailer Co-op Adjustment to 2011 savings	Verified True-up	100/K
Z Residential Demand Response Adjustment to 2011 savings	Verified True-up	31 100%
Residential Demand Response (IHD) Adjustment to 2011 savings	Verified True-up	
Residential New Construction     Adjustment to 2011 savings	Verified True-up	100.00% 100.00%
Business Program Retrofit Adjustment to 2011 savings	Verified True-up	
11 Direct Install Lighting Adjustment to 2011 savings	Verified True-up	161:971 161:971 161:971 162:006 82:006 82:006 82:006 12 61 61 61 33 33 33 100:000% 100:00%
12 Buildina Commissionina Adiustment to 2011 savinas	Verified True-up	
13 Adjustment to 2011 savings	Verified True-up	
14 Energy Audit Adjustment to 2011 savings	Verified True-up	12 12
15 Small Commercial Demand Response Adjustment to 2011 savinos	Verified True-up	4 100.0%
Small Commercial Demand Response (IHD)  Adjustment to 2011 savinos	Verified True-up	
17 Demand Response 3 Adjustment to 2011 savinos	Verified True-up	1,21 1000% 1000%
Industrial Program  18 Process & System Upgrades	Verified True-up	
Adjustment to 2011 savings  19 Monitoring & Tameting	Verified True-up	12 12 12 12 12 12 12 12 12 12 12 12 12 1
Adiustment to 2011 savings  20 Energy Manager Adiustment to 2011 savings	Verified True-up	
21 Retrolit Adjustment to 2011 savings	Verified True-up	25.582 25.582 26.582 26.582 26.582 26.582 27.582 27.582 12 4 4 4 4 4 4 1 100.00% 100.00% 100.00%
22 Demand Response 3 Adjustment to 2011 savings	Verified True-up	
Home Assistance Program  23 Home Assistance Program	Verified True-up	100.07% 100.07%
Adjustment to 2011 savinos Aboriginal Program	Verified	
24 Home Assistance Program Adjustment to 2011 savings 25 Direct Install Lighting	True-up Verified	
Adjustment to 2011 savings  Pre-2011 Programs completed in 2011	True-up	
26 Electricity Retrofit Incentive Program Adjustment to 2011 savings	Verified True-up	12 12
High Performance New Construction Adjustment to 2011 savings	Verified True-up	B41
28 Toronto Comprehensive Adjustment to 2011 savinos	Verified True-up	
29 Multifamily Energy Efficiency Rebates Adjustment to 2011 savings 20 LDC Custom Programs	Verified True-up Verified	
an LDC Gustom Programs Adjustment to 2011 savings	Verified True-up	
Other Program Enabled Savings Adjustment to 2011 savings	Verified True-up	
32 Time of Use Savings	Verified	

Adjustment to 2011 savings	True-up		İ								
LDC Pilots Adjustment to 2011 savings	Verified True-up										
Actual CDM Savings in 2011 Forecast CDM Savings in 2011	Пав-ар	1,253,494 1,252,073 1,252,073 1,170,188 1,115,299 1,070,270 366 295 295 295 295 295 295 295	444,823 7 419,793 6	781,469	50 115						
Distribution Rate in 2011			419,793 6	632,603	115	-					
Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011 LRAMVA in 2011											
			444,823 7 444,823 7	780,048 780,048	50 50						
2011 Savings Persisting in 2012 2011 Savings Persisting in 2013 2011 Savings Persisting in 2014 2011 Savings Persisting in 2015 2011 Savings Persisting in 2016			442,874 7 407,984 7 342,955 7	700,112 700,112 700,112	50 50 50						
Note: 2011 lost revenues in 2011 were recovered in	EB-2012-016		342,900 7	700,112	30						
Table 4-b. 2012 Lost Revenues Work Form		Return to top  Net Derigy Net Energy Net Energy Savings Persistence (WH) Savings (WH) Net Demand Net Peak Demand Savings Persistence (WH)						Rate Allocation	s for LRAMVA		
Program	Results Status	2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 Monthly 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021	Residential GS	S<50 kW	GS 50 to 4,999 Large Use	Unmetered Scattered Load	Sentinel Lighting	eet Lighting			Total
Consumer Program Appliance Retirement	Verified	48,333 48,333 48,330 48,301 28,404 7 7 7 6 4		kWh	kw kw	kWh	kW	kW			100%
Adjustment to 2012 savings Appliance Exchange	True-up Verified	22.02   22.02   22.02   21.72     13   13   12	100.00%								100%
Adjustment to 2012 savings	True-up Verified	177.224 127.224 127.224 127.224 127.224 127.224 127.224 775 775 775 775 775 775	100.00%								100%
HVAC Incentives Adjustment to 2012 savings  Conservation Instant Coupon Booklet	True-up Verified		100.00%								100%
Adjustment to 2012 savings  Bi-Annual Retailer Event	True-up Verified	78,720 78,720 78,720 78,720 70,765 4 4 4 4 4	100.00%								100%
Adjustment to 2012 savings	True-up	10/460 10	100.00%								100%
Retailer Co-op Adjustment to 2012 savings	Verified True-up		100.00% 100.00%								
Residential Demand Response Adjustment to 2012 savings	Verified True-up		100.00% 100.00%								100%
Residential Demand Response (IHD) Adjustment to 2012 savings	Verified True-up		100.00% 100.00%								100%
Residential New Construction     Adjustment to 2012 savings	Verified True-up		100.00% 100.00%								100%
Business Program Retrofit Adjustment to 2012 savings	Verified True-up	1.013.686 1.009.272 (98.041 958.021 958.021 1 12 180 179 172 163 163 212.488 2	1	100% 100.00%							100%
11 Direct Install Lighting Adjustment to 2012 savings	Verified True-up	461,385 461,385 250,079 250,079 12 114 114 114 62 62 62 2,316 2,316 2,171 2,177 12 1 1 1 1 1 1 1	1	100.00%							100%
12 Building Commissioning Adjustment to 2012 savings	Verified True-up	3 3									
New Construction Adjustment to 2012 savings	Verified True-up	12 12									
L4 Energy Audit Adjustment to 2012 savings	Verified True-up	12 12									
15 Small Commercial Demand Response Adjustment to 2012 savings	Verified True-up										
Small Commercial Demand Response (IHD)	Verified										
Adiustment to 2012 savinos	True-up Verified	531	1	100.00%							100%
IZ Demand Response 3 Adjustment to 2012 savings Industrial Program	True-up		1	100.00%							
Process & System Upgrades Adjustment to 2012 savings	Verified True-up	12 12 12									
Monitorina & Taraetina Adjustment to 2012 savings	Verified True-up	12 12 12									
Energy Manager Adjustment to 2012 savings	Verified True-up	12 12									
Retrofit Adjustment to 2012 savings	Verified True-up	12 12									
Demand Response 3 Adjustment to 2012 savings	Verified True-up										
Home Assistance Program Home Assistance Program Adjustment to 2012 savings	Verified True-up		100% 100.00%								100%
Aboriginal Program											
Home Assistance Program Adjustment to 2012 savings	Verified True-up Verified										
Direct Install Linhting     Adjustment to 2012 savings     Pre-2011 Programs completed in 2011	True-up										
Electricity Retrofit Incentive Program Adjustment to 2012 savings	Verified True-up	12 12									
High Performance New Construction Adjustment to 2012 savings	Verified True-up	322 322 322 322 322 12 0 0 0 0 0 0 0 1 12 12 12 12 12 12 12 12 12 12 12 12 1			100.00%						100%
Toronto Comprehensive Adjustment to 2012 savings	Verified True-up										
Multifamily Energy Efficiency Rebates Adjustment to 2012 savings	Verified True-up										
LDC Custom Programs Adjustment to 2012 savings	Verified True-up	0 0 0 0									
Other Program Enabled Savings Adjustment to 2012 savings	Verified True-up										
Time of Use Savings	Verified										
Adjustment to 2012 savings  LDC Pilots Adjustment to 2012 savings	True-up Verified True-up										
Adjustment to 2012 savings  Actual CDM Savings in 2012  Forecast CDM Savings in 2012	i iue-up		281,047 1, 419,793 6	,690,417	4 115						 
Distribution Rate in 2012 Lors Revenue in 2012 from 2011 programs Lors Revenue in 2012 from 2012 programs Total Lors Revenues in 2012 From 2012 Forecast Lors Revenues in 2012 LRAMVA in 2012 2012 Swings Persisting in 2013 2012 Swings Persisting in 2014 2012 Swings Persisting in 2014 2012 Swings Persisting in 2014 2012 Swings Persisting in 2016			281.047 1.	1,685,461 1,664,229 1,422,759 1,422,759	4 4 4 4			1	'		
Note: 2012 Lost revenue, and 2011 persistence into	2012 were re	covered in E8-2013-0167	231,068 1,	,+22,759	4						
Table 4-c. 2013 Lost Revenues Work Form		Net Demand Servings Persistence (Wh)  Net Demand Servings Persistence (Wh)  Net Demand Servings (W)  Servings (Wh)						Rate Allocation	s for LRAMVA		
		oursey (var.)									

1	Results	Monthly
Program	Status	2013 2014 2015 2016 2017 2018 2019 2020 2021 2012 2012 2012 2012 2012
Consumer Program Appliance Retirement Adjustment to 2013 savings	Verified True-up	20,175 20,175 19,970 11,984 3 3 3 3 2 1 190,00% WV WV WW
2 Appliance Exchange Adjustment to 2013 savings	Verified True-up	6.200 6.280 6.280 6.280 1 1 1 100.00%
3 HVAC Incentives Adjustment to 2013 savings	Verified	140,361 140,361 140,361 140,361 140,361 1 140,
Conservation Instant Coupon Booklet     Adjustment to 2013 savings	True-up Verified True-up	A459
5 Bi-Annual Retailer Event Adjustment to 2013 savings	Verified	50.487 47.455 37.071 37.071 3 3 3 3 3 3 1 100.00%
Retailer Co-op Adjustment to 2013 savings	True-up Verified True-up	100.00%
Adjustment to 2013 savings  Z Residential Demand Response Adjustment to 2013 savings	Verified True-up	100.0%
Adjustment to 2013 savings  Residential Demand Response (IHD)  Adjustment to 2013 savings	Verified	100.0%
Residential New Construction	True-up Verified	100.0%
Adjustment to 2013 savings	True-up	100.00%
10 Retrofit Adjustment to 2013 savings	Verified True-up	1,432,573   1,387,784   1,386,1783   1,314,884   1,259,365   12   261   268   267   246   228   1,97%   36,02%   52,79
11 Direct Install Lighting Adjustment to 2013 savings	Verified True-up	707.634 707.634 617.986 286.635 87.004 12 196 196 171 79 19 100.00% 100.00%
12 Building Commissioning Adjustment to 2013 savings	Verified True-up	
13 New Construction Adjustment to 2013 savings	Verified True-up	
14 Energy Audit Adjustment to 2013 savings	Verified True-up	48,463 48,464 48
15 Small Commercial Demand Response Adjustment to 2013 savings	Verified True-up	
Small Commercial Demand Response (IHD)  Adjustment to 2013 savings	Verified True-up	
17 Demand Response 3 Adjustment to 2013 savings	Verified True-up	
Industrial Program	Verified	
18 Process & System Upgrades Adjustment to 2013 savings	True-up Verified	
Monitoring & Targeting Adjustment to 2013 savings	True-up	10000%
20 Energy Manager Adjustment to 2013 savings	Verified True-up	10,468 10,468 10,468 10,00% 100,00%
21 Retrofit Adjustment to 2013 savings	Verified True-up	484
22 Demand Response 3 Adjustment to 2013 savings Home Assistance Program	Verified True-up	
23 Home Assistance Program Adjustment to 2013 savings	Verified True-up	135,335 03,336 03,546 154,42 11467 11 11 11 10 15 15 15 15 15 15 15 15 15 15 15 15 15
Aboriginal Program 24 Home Assistance Program	Verified True-up	
Adjustment to 2013 savinos  25 Direct Install Lighting Adjustment to 2013 savinos	Verified True-up	
Pre-2011 Programs completed in 2011		
26 Flectricity Retrofit Incentive Program Adjustment to 2013 savings	Verified True-up	12 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15
27 High Performance New Construction Adjustment to 2013 savings	Verified True-up	12 12
Z8 Toronto Comprehensive Adjustment to 2013 savings	Verified True-up	
29 Multifamily Energy Efficiency Rebates Adjustment to 2013 savings	Verified True-up	
30 LDC Custom Programs Adjustment to 2013 savings	Verified True-up	
Other Program Enabled Savings Adjustment to 2013 savings	Verified True-up	
32 Time of Use Savings Adjustment to 2013 savings	Verified True-up	
33 LDC Pilots Adjustment to 2013 savings	Verified True-up	
Actual CDM Savings in 2013 Forecast CDM Savings in 2013		2,555,133 2,596,474 [2,499,591 2,593,345 1,779,445] 445 445 441,572 1,279,521 1,379 419,733 632,693 115
Potecast Colm Samings in 2013 Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2013 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013 2013 Savings Persisting in 2014		403,553 1,260,885 1,887
2013 Savings Persisting in 2014 2013 Savings Persisting in 2015		#40,0763 1,000/065 1,001 38,777 1 1,168,837 1 1,894

2013 Savings Persisting in 2014
2013 Savings Persisting in 2015
2013 Savings Persisting in 2016
Note: LDC to make note of key assumptions included above

403,563 1,260,885 1,887 398,771 1,169,837 1,884 369,304 812,180 1,743

Table 4-d. 2014 Lost Revenues Work Form		Return to Top																															
	Results	Net Energy Savings (kWh)			Net	Energy Sav	ings Persist	tence (kWh			Mont	Net Do Saving	mand s (kW)		No	t Peak Demi	and Saving	s Persister	ice (kW)									Rate	e Allocations fo	or LRAMVA			
Program	Status	2014	2015	2016	2017	2018	2019	2020	2021	2022 202	Multip	ler 20	4 21	115 201	5 201	7 2018	2019	2020	2021	2022	2023	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Ligh	iting				Total
Consumer Program Appliance Retirement Adjustment to 2014 savings	Verified True-up	22,856	22,856	22,856	22,856									3 3	3							100% 100.00%	kWh	kW	kW	kWh	kW	kW			-		100%
Appliance Exchange Adjustment to 2014 savings	Verified True-up	14,778	14,778	14,778	14,778									8 8	8							100% 100.00%											100%
HVAC Incentives     Adjustment to 2014 savings	Verified True-up	172,496	172,496	172,496	172,496							9	<b>'</b>	94	94							100% 100.00%											100%
Conservation Instant Coupon Booklet     Adjustment to 2014 savings	Verified True-up	83,209	77,484	74,720	74,720									6 6	6							100% 100.00%											100%
Bi-Annual Retailer Event Adjustment to 2014 savings	Verified True-up	361,253	313,383	288,436	288,436							2		21 19	19							100% 100.00%											100%
Retailer Co-op Adjustment to 2014 savings	Verified True-up																					100.00%											100%
Z Residential Demand Response Adjustment to 2014 savings	Verified True-up																					100.00% 100.00%											100%

T					1
Residential Demand Response (IHD) Adjustment to 2014 savings	Verified True-up	1900 (Find	10%		100%
Residential New Construction Adjustment to 2014 savings	Verified True-up	100.00 H 100	10%		100%
Business Program  10 Retrofit Adjustment to 2014 savings	Verified True-up		<b>34</b>	5% 54.74% 5% 54.74%	89%
11 Direct Install Lighting Adjustment to 2014 savings	Verified True-up		10	0%	100%
12 Buildina Commissionina Adjustment to 2014 savings	Verified True-up	16cd 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
13 New Construction Adjustment to 2014 savings	Verified True-up	12 12 10-14 12 12 10-14 12 12 10-14 12 12 10-14 12 10-14 12 10-14			
14 Energy Audit Adjustment to 2014 savings	Verified True-up	filed (65,274 65,274 65,274 65,274 65,274 12 13 13 13 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15		100.00% 100.00%	100%
15 Small Commercial Demand Response Adjustment to 2014 savinos	Verified True-up	De 40			
Small Commercial Demand Response (IHD)  Adjustment to 2014 savings	Verified True-up				
17 Demand Response 3 Adjustment to 2014 savings	Verified True-up	rified 15			
Industrial Program  18 Process & System Upgrades	Verified	12 12 12 12 12 12 12 12 12 12 12 12 12 1			
Adjustment to 2014 savings  19 Monitoring & Targeting Adjustment to 2014 savings	Verified True-up	12			
20 Energy Manager Adjustment to 2014 savings	Verified True-up	field 4,375 1 4,375 4,376 12 1 1 1 1 1		100% 100.00%	100%
21 Retrofit Adjustment to 2014 savings	Verified True-up	ind 12			
22 Demand Response 3 Adjustment to 2014 savings	Verified True-up	died 610			
Home Assistance Program  Home Assistance Program  Adjustment to 2014 savings	Verified True-up	field 46,133 45,521 41,565 40,221 4 4 4 4 4 9 10000000000000000000000000	<b>76</b> 10%		100%
Aboriginal Program  24 Home Assistance Program Adjustment to 2014 savings	Verified True-up	office and the second s			
25 Direct Install Lighting Adjustment to 2014 savings	Verified True-up	ified			
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2014 savings	Verified True-up	12 12 12 12 12 12 12 12 12 12 12 12 12 1			
27 High Performance New Construction Adjustment to 2014 savings	Verified True-up	12			
28 Toronto Comprehensive Adjustment to 2014 savings	Verified True-up	offed.			
29 Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	Verified True-up	The state of the s			
30 LDC Custom Programs Adjustment to 2014 savings	Verified True-up	ified			
Other 31 Program Enabled Savings Adjustment to 2014 savings	Verified				
32 Time of Use Savings	True-up Verified	162			
Adjustment to 2014 savings  33 LDC Pilots Adjustment to 2014 savings	Verified True-up	of the state of th			
Actual CDM Savings in 2014 Forecast CDM Savings in 2014	1100-04		723 56 793 63	879 1,043 503 115	
Distribution Rate in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2014 programs Total Lost Revenue in 2014 from 2014 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 LRAMVA in 2014	•				
2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2017		64,9 61,48	850 52	014 1,038 071 1,038 546 996	
Note: LDC to make note of key assumptions inclu	uded above		J., 42	390	

LRAMVA Work Form: 2015 - 2020 Lost Revenues Work Form

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

1. LDCs can apply for disposition of LRAM/A amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAM/A work forms apply to LDCs that need to recover lost revenues from the 2011-001 period. Please input or manually list the eximing, adjustments and program surings persistence data in fines tables from the LDCs Persistence Reports provided by the LSCO (in Tab 7). As rotated earlier, persistence data is available query request from the ESCO. Please about dearlier law amounts caused (see ) put a certain down from the SECO. Please about 6 absolided that the area includes carried from the LSCO. Please about the SECO (see about 6 and the same includes caused (see ) put a certain down from the SECO. Please about 6 absolided that the area includes carried from the CSCO. Please about 6 and the same includes and the same includes a service of the same includes and the same includes an

Pease enum by the ESO verificat single billion with the ESO verificat single displayers and part of the ESO verificat single displayers and part of the ESO verificat single displayers and part of the ESO verification and part of th

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 rationals 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 load forecast calculation in the "Notes" section below each table.

Table 5-a. 2015 Lost Revenues Work For	rm		
Program 2015-2020 Conservation First Framework	Results Status	Not Energy   Servings Presidence (NMT)   Servings Presid	Total
Residential Province-Wide Programs  1 Save on Energy Coupon Program	Verified	66.003 66.148 66.148 66.148 66.148 66.148 66.148 66.100 66.120 66.120 66.120 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100%
Adjustment to 2015 savings	True-up		
2 Save on Energy Instant Discount Program Adjustment to 2015 savings	Verified True-up	1000%	100%
Save on Energy Heating & Cooling Program	vermen	5-467 5-467 6-67 1-467 1	100%
Adjustment to 2015 savings	True-up		
Save on Energy New Construction Program Adjustment to 2015 savings	Verified True-up	100.0%	100%
5 Save on Energy Home Assistance Program		150.00%	100%
Adjustment to 2015 savings	True-up	100,0%	
Business Province-Wide Programs Save on Energy Audit Funding Program Adjustment to 2015 savings	Verified True-up	12 150,00%.	100%
7 Save on Energy Retrofit Program	Verified	12 4 3 3 3 3 3 3 3 3 3 3 3 2159% 58.77%	81%
Adjustment to 2015 savings	2016 True-	o 12,007 8.99 8.99 8.99 8.99 8.99 8.99 8.99 8.9	
8 Save on Energy Small Business Lighting			
Program Adjustment to 2015 savings	Verified True-up	12 \$10.00% 10.00%	100%
Save on Energy High Performance New	Verified		
Save on Energy High Performance New Construction Program Adjustment to 2015 savings	True-up		
Save on Energy Existing Building Commissioning Program	Verified		
Augustinent to 2015 savings	True-up		
11 Save on Energy Business Refrigeration Incentive Program Adjustment to 2015 savings	Verified True-up	12 12	
3 Save on Energy Process & Systems	Verified		
Upgrades Program Adjustment to 2015 savings	True-up		
13 Save on Energy Energy Manager Program	Verified	12 100.00%	100%
Adjustment to 2015 savings	True-up	100.0%	
14 Save on Energy Monitoring & Targeting Program Adjustment to 2015 savings	Verified True-up	12 1000%	100%
	Verified	100%	
15 Save on Energy Retrofit Program - P4P Adjustment to 2015 savings	True-up		
Save on Energy Process & Systems Upgrades Program - P4P Adjustment to 2015 savings	Verified True-up		
rogament to 2010 sevengs			
2011-2014+2015 Extension Legacy Frame Residential Program			
Appliance Retirement Initiative Adjustment to 2015 savings	Verified True-up	10,208 10,208 10,208 10,208 10,208 10,208 10,008 10,000 10	100%
68 Coupon Initiative Adjustment to 2015 savings	Verified True-up	54.77 50.294 50.294 50.294 50.294 50.294 50.294 50.295 50.295 50.275 50.	100%
89 Bi-Annual Retailer Event Initiative Adjustment to 2015 savings	Verified True-up	287.00 266.54 286.64 28	100%
70 HVAC Incentives Initiative Adjustment to 2015 savings	Verified True-up	18720 18720	100%
Residential New Construction and Major Renovation Initiative	Verified		100%
Adjustment to 2015 savings	2017 True-		
Commercial & Institutional Programs 22 Energy Audit Initiative Adjustment to 2015 savings	Verified True-up	73,507 73,507 78	100%
73 Initiative Adjustment to 2015 savings	2016 True-	ψ 80.213 80.213 80.213 80.213 80.999 80.999 87.074 87.07	81%
	2017 True-	© 71.699 71.699 89.591 99.298 99.298 99.298 99.298 191.495 191.295 197.591 12 16 19 22 25 25 25 25 33 33 33 31 21.99% 59.77%	

24 Direct Install Lighting and Water Heating	Verified	45,241				24,802			4,802		4,802	12	1			5	5	5	5	5	5		5		100.00%												100%
Adjustment to 2015 savings	2017 True-up	-17,30	-9,620	3,132	4,647	4,647	4,647	4,647	4,647	4,647	4,647	12		1	-3	1	1	1	1	1	1	1	1		100.00%												
New Construction and Major Renovation	Verified											12																									
Adjustment to 2015 savings	True-up											12																									
26 Existing Building Commissioning Incentive Initiative	Verified											3																									
Adjustment to 2015 savings	True-up											3																									
Industrial Program Process and Systems Upgrades Initiatives -			_										_										_														
Project Incentive Initiative Adjustment to 2015 savings	Verified True-up																																				
Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	131,61	0 3,360	3,360	3,360	3,360	3,360	3,360	2,600			12	2		1	1	1	1	1	1						100.00	10%										100%
Adjustment to 2015 savings	True-up											12														100.00	0%										
Process and Systems Upgrades Initiatives - 29 Monitoring and Targeting Initiative	Verified																																				
Adjustment to 2015 savings	True-up			-					_		$\rightarrow$				_	_	_	_	_	$\rightarrow$		_	_														
Adjustinini io 2015 savings	Hoe-op		_	-				_	_				_	_	_		_	_	_	_	_	_															
80 Low Income Program Low Income Initiative Adjustment to 2015 savings	Verified True-up	17,715	13,45	3,158	12,859	12,859	12,859	12,859 1	12,859	5,599	5,599		- 1		1	1	1	1	1	1	1	1	1 1	00.00%													100%
Other 81 Aboriainal Conservation Program Adjustment to 2015 savings	Verified True-up																																				
82 Program Enabled Savings Adjustment to 2015 savings	Verified True-up									-	-				-	+	$\dashv$		-	$\dashv$																	
Actual CDM Savings in 2015		2,647,1											45										=-	51,300	392,500	2,15					 			_			
Forecast CDM Savings in 2015		2,047,1	31	+	+			_	-+	-	_		41	"		-	_	_	-	$\dashv$		-	1,	746,598	588,794	4,30	33	331	_	125		-			_		
Distribution Rate in 2015 Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2015 programs Total Lost Revenues in 2015 from 2015 Processet Lost Revenues in 2015 Forecast Lost Revenues in 2015 LRABIVA in 2015																																					
2015 Savings Persisting in 2016 2015 Savings Persisting in 2017																							7	740,465 740,165	392,499 392,499	2,14 2,14	13 13										
Note: LDC to make note of key assumptions inclu	ded above																																				
Table 5-b. 2016 Lost Revenues Work For	m	Beturn to ton																																			

Note: LDC to make note of key assumptions includ	ed above																																
Table 5-b. 2016 Lost Revenues Work Form		Return to top Net Energy	1								Not Demand																						
Program	Results Status	Savings (kWh)		Not b	nergy Savings	s Persistence	(KWh)			fonthly utiplier	Savings (kW)	_	Not Po	K Demand S	savings Per	sistence (kW)									Kate Alic	cations for LRA	MVA			1			
	J. Land	2016	2017 2018	2019	2020 20	2022	2023	2024	2025	ширия	2016	2017 20	8 2019	2020	2021	2022 2023	2024	2025 Resi	idential	GS<50 kW	GS 50 to 4,999 kW Large U	Scatter	etered red Load	entinel Lighting	Street Lighting	•							Total
2015-2020 Conservation First Framework F Residential Province-Wide Programs																			dWh	kWh	KW KW	K	Wh	kW	kW								
Save on Energy Coupon Program     Adjustment to 2016 savings	Verified True-up	1,177,426 131,981	131,981 131,98	30 000000 31 131,981	131,981 131	,981 131,98	1 131,969	131,969 1	32,164	E	77 8	77 7 8 8	8	8	8	77 77 8 8	8	76 100 8 100	0.00%														100%
2 Save on Energy Instant Discount Program Adjustment to 2016 savings	Verified True-up									Е								100	0.00%														100%
3 Save on Energy Heating & Cooling Program	Verified	298,982	298,982 298,98								88	88 8	88	88	88	88 88	88		0.00%														100%
Adjustment to 2016 savings  Save on Energy New Construction Program	True-up	957	957 957	957	957 95	57 957	957	957	957	L					_				0.00%														
Adjustment to 2016 savings	Verified True-up									Ŀ									0.00%														100%
Save on Energy Home Assistance Program	Verified									Γ								100	0.00%														100%
Adjustment to 2016 savings  Business Province-Wide Programs	True-up																	100	0.00%														
Save on Energy Audit Funding Program     Adjustment to 2016 savings	Verified True-up									12																							
Z Save on Energy Retrofit Program	Verified Less Street	2,823,214	*******	aa uuaaaa	******* ***	ease eessee	*******			12	238	230 23	230	230	230	230 230	227	227		1.74%	95.57% 95.57%												97%
Adjustment to 2016 savings	Lights True-up	352,675	460,407 460,51	11 460,511	460,511 458	1,323 458,32	3 458,323	456,977 4	27,202 56,977	12	33	41 4	41	41	41	41 41	41	41		1.74%	95.57%												
8 Save on Energy Small Business Lighting Program	Verified									12																							
Adjustment to 2016 savings  Save on Energy High Performance New	True-up Verified									12					_			=															
Construction Program Adjustment to 2016 savings	True-up									12																							
10 Save on Energy Existing Building Commissioning Program	Verified									3																							
Adjustment to 2016 savings  Save on Energy Business Refrigeration	True-up Verified																	_															
Incentive Program Adjustment to 2016 savings	True-up									12																							
12 Save on Energy Process & Systems Upgrades Program	Verified									12																							
Adjustment to 2016 savings  Save on Energy Energy Manager Program	True-up Verified					+				12			+		_	_																	
Adjustment to 2016 savinos	True-up									12																							
14 Save on Energy Monitoring & Targeting Program																																	
Adjustment to 2016 savings  15 Save on Energy Retrofit Program - P4P	Verified True-up								_	12																							
Adjustment to 2016 savings	Verified																																
16 Save on Energy Process & Systems Upgrades Program - P4P Adjustment to 2016 savings	True-up																																
Actual CDM Savings in 2016 Forecast CDM Savings in 2016		3,858,033		$\blacksquare$		1	П	$\Box$	$\equiv$	<b>—</b> [	444		_		$\equiv$	$\equiv$				39,127 588 794			131		1,755 125	-		=	T	1			
Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs				-												-			01280	\$0.01610	\$3.52390			\$5.76280	\$0.03550	•	•		•		•	•	1
Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2013 programs																		\$4,	727.09	\$13,076.10	\$6,141.10												\$23,944.29
Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2015 programs Lost Revenue in 2016 from 2016 programs																		\$9,4	870.08 477.95 ,599.63	\$8,421.45 \$6,319.24 \$629.95	\$3,657.45 \$7,553.18 \$10,952.06				\$62.29								\$19,948.98 \$23,350.37 \$32,243.92
Total Lost Revenues in 2016 Forecast Lost Revenues in 2016																		\$42,	,674.75 ,356.45	\$28,446.73 \$9,479.58	\$28,303.78 \$15,163.34				\$62.29 \$4.44								\$99,487.56 \$47,003.82
LRAMVA in 2016 2016 Savings Persisting in 2017																		1,61	09,346	39,127	3,108				2,083								\$52,483.74
2016 Savings Persisting in 2018 2016 Savings Persisting in 2019 2016 Savings Persisting in 2020																		1,60	09,346 09,346 09.346	39,129 39,129 39,129	3,108 3,108 3,108				2,083 2,083 2,083								
Note: Street Lighting kWh results have been remov	ed from the Ret	trofit program to do	the allocation: Hon	ne Depot pilot	is showing as p	rogram 17												1,61	ou,340	39,129	×,100				2,063								

Note: Street Lighting LWM results have been removed from the Retrofts program to do the allocation; Home Depot pilot is showing as program 17

Table 5-c. 2017 Lost Revenues Work Form Return to too

		Net Energy Savings (kWh)	Not E	nergy Savings Persisten	nce (kWh)			Net Demand Savings (kW)		Net Peak I	lemand Savi	ngs Persistence	e (kW)	
Program	Results Status	Savings (kWh) 2017 2018 20		2021 2022 20:		2025 2026	Monthly Multiplier	Savings (kW)	2018 2019	2020	1021 201	2 2022	2024	2025 2026
2015-2020 Conservation First Framework Co	rograme	2017 2018 20	2020	2022 20	2024	2025 2026		2017	2018 2019	2020	20	2023	2024	2025 2026
2015-2020 Conservation First Framework Pro Residential Province-Wide Programs Save on Enerov Coupon Program Adjustment to 2017 savings	Verified True-up													
							_			H			=	
ave on Energy Instant Discount Program djustment to 2017 savings	Verified True-up						=							
Save on Energy Heating & Cooling Program Adjustment to 2017 savings	Verified True-up													
Save on Energy New Construction Program	Verified						ī			Ħ				
Adjustment to 2017 savings	True-up													
Save on Energy Home Assistance Program Adjustment to 2017 savings	Verified True-up													
Business Province-Wide Programs Save on Energy Audit Funding Program Adjustment to 2017 savings	Verified True-up						12 12							
Save on Enerov Retrofit Program Adjustment to 2017 savings	Verified True-up						12 12							
Save on Energy Small Business Lighting Program Adjustment to 2017 savings	Verified						12							
	True-up						12			H		$\blacksquare$		
Save on Energy High Performance New Construction Program Adjustment to 2017 savings	Verified True-up						12 12							
Save on Energy Existing Building Commissioning Program Adjustment to 2017 savings	Verified						3							
Adjustment to 2017 savings	True-up						3							
Save on Energy Business Refrigeration														
Save on Energy Business Refrigeration Incentive Program Adjustment to 2017 savings	Verified True-up						12 12							
Save on Energy Process & Systems Upgrades Program Adjustment to 2017 savings	Verified						12							
	True-up						12			H				
Save on Energy Energy Manager Program  Adiustment to 2017 savinos	Verified True-up						12 12							
Save on Energy Monitoring & Targeting Program Adjustment to 2017 savings	Verified						12							
Adjustment to 2017 savings	True-up						12							
Save on Enerov Retrofit Program - P4P Adjustment to 2017 savings	Verified True-up													
Save on Energy Process & Systems Uporades Program - P4P Adjustment to 2017 savings	Verified True-up													
equisiment to 2017 savings								-						
Local & Regional Programs Adaptive Thermostat Local Program Adjustment to 2017 savings	Verified True-up													
Business Refrigeration Incentives Local Program Adjustment to 2017 savings	Verified													
	True-up													
Conservation on the Coast Home Assistance Local Program Adjustment to 2017 savings	Verified True-up													
Conservation on the Coast Small Business Lichting Local Program Adjustment to 2017 savings	Verified													
Adjustment to 2017 savings	True-up									ш				
First Nations Conservation Local Program Adjustment to 2017 savings	Verified True-up													
High Efficiency Agriculturual Pumping Local Program Adjustment to 2017 savings	Verified													
	True-up Verified						=				_	+		
Instant Savings Local Program Adjustment to 2017 savings	Verified True-up													
OPsaver Local Program Adjustment to 2017 savings	Verified True-up													
Pool Saver Local Program Adjustment to 2017 savings	Verified True-up						12 12							
PUMPsaver Local Program Adjustment to 2017 savings	Verified True-up						12							
RTUsaver Local Program Adjustment to 2017 savings	Verified True-up				Ŧ		12			Ħ	Ŧ			
Adjustment to 2017 savings Social Benchmarking Local Program Adjustment to 2017 savings	Verified True-up						12							
Adjustment to 2017 savings	True-up						12							
LDC Innovation Fund Pilot Programs Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program Adjustment to 2017 savings	Verified						3							
Program Adjustment to 2017 savings	True-up						3							
Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program Adjustment to 2017 savings	Verified						12							
Program Adjustment to 2017 savings	True-up						12							
Block Heater Timer LDC Innovation Fund Pilot Program Adjustment to 2017 savings	Verified True-up						12							
Commercial Energy Management and Load	1									$\pm \pm$				
Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Pronram Adjustment to 2017 savings	Verified True-up						12							
	Verified						12							
Conservation Cultivator LDC Innovation Fund Pilot Program Adjustment to 2017 savings	True-up						12							
2011-2014+2017 Extension Legacy Framework							_							
reasonned Flogram	Verified True-up									EE				
Appliance Retirement Initiative Adjustment to 2017 savings														
colance Reference Initiative dustment to 2017 savings	Verified True-up						_							
Coupon Initiative Adjustment to 2017 savings	Verified True-up Verified											$\perp$		
Residential Program Acalonica Reliement Initiative Adjustment to 2017 savings Coupon Initiative Adjustment 2017 savings Bi-Annual Retailer Event Initiative Adjustment to 2017 savings HuXC Incentives Initiative Adjustment to 2017 savings Adjustment to 2017 savings	Verified True-up Verified True-up Verified True-up						=							

Residential New Construction and Major Renovation Initiative Adjustment to 2017 savings	Verified True-up																															
Commercial & Institutional Programs Energy Audit Initiative Adjustment to 2017 savings	Verified True-up								12 12																							
23 Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2017 savings	Verified True-up								12																							
24 Direct Install Lighting and Water Heating Initiative Adjustment to 2017 savings	Verified								12				! !																			
	True-up Verified								12																							
New Construction and Major Renovation Initiative Adjustment to 2017 savings	True-up								12																							
Existing Building Commissioning Incentive Initiative Adjustment to 2017 savings	Verified True-up																															
Industrial Program Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2017 savings	Verified True-up																															
Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2017 savings	Verified True-up																															
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Adjustment to 2017 savings	Verified True-up																															
Low Income Program  Low Income Initiative Adjustment to 2017 savings	Verified True-up																															
Other  Aborioinal Conservation Program  Adjustment to 2017 savings	Verified True-up																															
82 Program Enabled Savings Adjustment to 2017 savings	Verified True-up																															
Actual CDM Savings in 2017							Ш																							=		
Distribution State 12017 Loss Revenue in 2017 from 2011 programs Loss Revenue in 2017 from 2012 programs Loss Revenue in 2017 from 2012 programs Loss Revenue in 2017 from 2014 programs Loss Revenue in 2017 from 2017 programs Total Loss Revenues in 2017 Forecast Loss Revenues in 2017 LRAMWA in 2017																																
2017 Savings Persisting in 2018 2017 Savings Persisting in 2019 2017 Savings Persisting in 2020																														_		
Note: LDC to make note of key assumptions includes	i above																															
Table 5-d. 2018 Lost Revenues Work Form		Net Energy Savings (kWh)		Net Ene	ergy Savings I	Persistence (	(kWh)			Net Der Savings	nand (kW)		Net Peal	k Demand S	Savings Persis	tence (kW)										Rate Allocat	tions for LRAM	/VA				
Program	Results Status	2018	2019 2020	2021 2	2022 202	3 2024	2025	2026 20	Monthly Multiplie	201	8 2019	2020	2021	2022	2023 202	4 2025	2026	2027 Reside	ential GS	<50 kW GS !	50 to 4,999 kW	Large Use	Unmetere Scattered Le	Sentinel I	Lighting Stre	et Lighting						Total
Legacy Framework Actual CDM Savings in 2018 Forecast CDM Savings in 2018							Н											KV	in .	kwn	KW	KW	xwn	KV		KW				<b>—</b>	=	
Distribution Rate in 2018 Loss Revenue in 2018 from 2011 programs Loss Revenue in 2018 from 2012 programs Loss Revenue in 2018 from 2012 programs Loss Revenue in 2018 from 2013 programs Loss Revenue in 2018 from 2015 programs Loss Revenue in 2018 from 2015 programs Loss Revenue in 2018 from 2015 programs Loss Revenue in 2018 from 2017 programs Loss Revenue in 2018 from 2017 programs Loss Revenue in 2018 from 2018 programs Loss Revenue in 2018																																
2018 Savings Persisting in 2019 2018 Savings Persisting in 2020 Note: LDC to make note of key assumptions include:	i above																															
Table 5-e. 2019 Lost Revenues Work Form Picorium  Legacy Framework Actual CDM Savings in 2019 Forecast CDM Savings in 2019	Results Status	Return to top Net Energy Savings (kWh) 2019	2020 2021		ergy Savings I 2023 202		(kWh) 2026	2027 20	Monthly Multiplie	Net Der Savings		2021	Net Peal	k Demand S	Savings Persis 2024 202	tence (kW)	2027	2028 Reside		<50 kW GS :	50 to 4,999 kW	Large Use	Unmetere Scattered Le	i Sentinel I		Rate Allocat et Lighting	tions for LRAM	IVA				Total
Forecast CDM Servings in 2019  Obserbasor Ratio n. 2019  Obserbasor Ratio n. 2019  Loss Recense in 2019 from 2011 programs  Loss Recense in 2019 from 2012 programs  Loss Recense in 2019 from 2012 programs  Loss Recense in 2019 from 2014 programs  Loss Recense in 2019 from 2014 programs  Loss Recense in 2019 from 2016 programs  Loss Recense in 2019 from 2016 programs  Loss Recense in 2019 from 2016 programs  Loss Recense in 2019  Forecast Loss Recense in 2019  Forecast Loss Recenses in 2019  2019 Sarving Pensishen in 2019  2019 Sarving Pensishen in 2019  2019 Sarving Pensishen in 2019	d above																												1			
Table 5-f. 2020 Lost Revenues Work Form		Return to too																														
Program Legacy Framework	Results Status	Net Energy Savings (kWh) 2020	2021 2022		ergy Savings I			2028 20	Monthly Multiplie	Net Der Savings 202		2022			Savings Persis 2025 202	tence (kW)	2028	2029 Reside			50 to 4,999 kW	Large Use	Unmetere Scattered Le	i Sentinel I	Lighting Stre	Rate Allocat et Lighting	tions for LRAM	EVA				Total
Legacy Framework Actual CDM Savings in 2020 Forecast CDM Savings in 2020																							Mill							$\equiv$		
Distribution Rate in 2020 Lost Revenue in 2020 from 2011 programs Lost Revenue in 2020 from 2012 programs Lost Revenue in 2020 from 2013 programs Lost Revenue in 2020 from 2014 programs Lost Revenue in 2020 from 2015 programs Lost Revenue in 2020 from 2015 programs																																

Lost Revenue in 2020 from 2016 programs
Lost Revenue in 2020 from 2017 programs
Lost Revenue in 2020 from 2018 programs
Lost Revenue in 2020 from 2018 programs
Lost Revenue in 2020 from 2019 programs
Lost Revenue in 2020 from 2020 programs
Total Lost Revenues in 2020
Torcast Lost Revenues in 2020
LRAMVA in 2020

Note: LDC to make note of key assumptions included above

Return to top



### LRAMVA Work Form: Carrying Charges by Rate Class

Version 2.0 (2017)

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 principle 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.

Table 6. Prescribed Interest Rates

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

Go to Tab 1: Summary

Quarter	Approved Deferral & Variar 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	
2019 Q2	
2019 Q3	
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	

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Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
Jan-11	2011	Q1	0.12%	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Feb-11 Mar-11	2011	Q1 Q1	0.12%	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jun-11 Jul-11	2011	Q2 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Oct-11 Nov-11	2011 2011	Q4 Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared Opening Balance				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-12	2011-2012	Q1 Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	
Apr-12 May-12	2011-2012	Q2 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-12 Sep-12	2011-2012	Q3 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Sep-12 Oct-12	2011-2012	Q3 Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Total for 2012 Amount Cleared				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Opening Balance				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Mar-13 Apr-13	2011-2013	Q1 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jul-13 Aug-13	2011-2013	Q3 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Nov-13 Dec-13	2011-2013	Q4 Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Total for 2013	2011-2013	Q4	0.12%	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Amount Cleared				4	*****	43.43	42.03	1000	*****	1		41111	4	¥-1		45.42		7
Opening Balance				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jan-14 Feb-14	2011-2014 2011-2014	Q1 Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
May-14 Jun-14	2011-2014	Q2 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Jul-14 Jul-14	2011-2014	Q2 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Oct-14 Nov-14	2011-2014	Q4 Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared	( 0045			***	***	***	<b>***</b>	<b>***</b>	***	60.00	***	****	<b>*</b> 0.00	***	60.00	60.00	60.00	***
Opening Baland Jan-15	2011-2015	Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Feb-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Apr-15 May-15	2011-2015 2011-2015	Q2 Q2	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Jun-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

1	1		1			****	****		****									
Jul-15 Aug-15	2011-2015 2011-2015	Q3 Q3	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Sep-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-15 Dec-15	2011-2015 2011-2015	Q4 Q4	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Total for 2015	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																		
Opening Balar		04	0.000/	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-16 Feb-16	2011-2016	Q1 Q1	0.09%	\$0.00 \$1.55	\$0.00 \$1.45	\$0.00 \$1.00	\$0.00 \$0.00	\$0.00 \$4.01										
Mar-16	2011-2016	Q1	0.09%	\$3.10	\$2.90	\$2.01	\$0.00	\$0.00	\$0.00	\$0.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.02
Apr-16	2011-2016	Q2	0.09%	\$4.66	\$4.35	\$3.01	\$0.00	\$0.00	\$0.00	\$0.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12.03
May-16 Jun-16	2011-2016	Q2 Q2	0.09%	\$6.21 \$7.76	\$5.80 \$7.24	\$4.02 \$5.02	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.02 \$0.02	\$0.00 \$0.00	\$16.04 \$20.05						
Jul-16	2011-2016	Q3	0.09%	\$9.31	\$8.69	\$6.02	\$0.00	\$0.00	\$0.00	\$0.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24.06
Aug-16	2011-2016	Q3	0.09%	\$10.86	\$10.14	\$7.03	\$0.00	\$0.00	\$0.00	\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.06
Sep-16 Oct-16	2011-2016	Q3 Q4	0.09%	\$12.42 \$13.97	\$11.59 \$13.04	\$8.03 \$9.03	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.04 \$0.04	\$0.00 \$0.00	\$32.07 \$36.08						
Nov-16	2011-2016	Q4 Q4	0.09%	\$13.97 \$15.52	\$13.04	\$10.04	\$0.00	\$0.00	\$0.00	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.09
Dec-16	2011-2016	Q4	0.09%	\$17.07	\$15.94	\$11.04	\$0.00	\$0.00	\$0.00	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.10
Total for 2016				\$102.44	\$95.63	\$66.25	\$0.00	\$0.00	\$0.00	\$0.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$264.61
Opening Balan				\$102.44	\$95.63	\$66.25	\$0.00	\$0.00	\$0.00	\$0.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$264.61
Jan-17	2011-2017	Q1	0.09%	\$18.63	\$17.39	\$12.05	\$0.00	\$0.00	\$0.00	\$0.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.11
Feb-17	2011-2017	Q1	0.09%	\$18.63	\$17.39	\$12.05	\$0.00	\$0.00	\$0.00	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.11
Mar-17 Apr-17	2011-2017 2011-2017	Q1 Q2	0.09%	\$18.63 \$18.63	\$17.39 \$17.39	\$12.05 \$12.05	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.05 \$0.05	\$0.00 \$0.00	\$48.11 \$48.11						
Apr-17 May-17	2011-2017	Q2	0.09%	\$18.63	\$17.39	\$12.05	\$0.00	\$0.00	\$0.00	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.11
Jun-17	2011-2017	Q2	0.09%	\$18.63	\$17.39	\$12.05	\$0.00	\$0.00	\$0.00	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.11
Jul-17	2011-2017	Q3	0.09%	\$18.63	\$17.39	\$12.05	\$0.00	\$0.00	\$0.00	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.11
Aug-17 Sep-17	2011-2017	Q3 Q3	0.09%	\$18.63 \$18.63	\$17.39 \$17.39	\$12.05 \$12.05	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.05 \$0.05	\$0.00 \$0.00	\$48.11 \$48.11						
Oct-17	2011-2017	Q4	0.13%	\$25.40	\$23.71	\$16.43	\$0.00	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$65.60
Nov-17	2011-2017	Q4	0.13%	\$25.40	\$23.71	\$16.43	\$0.00	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$65.60
Dec-17 Total for 2017	2011-2017	Q4	0.13%	\$25.40 \$346.26	\$23.71 \$323.23	\$16.43 \$223.94	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.07 \$0.99	\$0.00 \$0.00	\$65.60 \$894.41						
Amount Cleared	d			\$340.20	\$3£3.£3	4223.04	\$0.00	\$0.00	\$0.00	40.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	40.00	3034.41
	nce for 2018			\$346.26	\$323.23	\$223.94	\$0.00	\$0.00	\$0.00	\$0.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$894.41
Jan-18	2011-2018	Q1	0.13%	\$25.40	\$23.71	\$16.43	\$0.00	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$65.60
Feb-18 Mar-18	2011-2018 2011-2018	Q1 Q1	0.13%	\$25.40 \$25.40	\$23.71 \$23.71	\$16.43 \$16.43	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.07 \$0.07	\$0.00 \$0.00	\$65.60 \$65.60						
Apr-18	2011-2018	Q2	0.13%	\$25.40	\$23.71	\$16.43	\$0.00	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$65.60
May-18	2011-2018	Q2	0.16%	\$32.00	\$29.87	\$20.70	\$0.00	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$82.66
Jun-18 Jul-18	2011-2018	Q2 Q3	0.16%	\$32.00 \$32.00	\$29.87 \$29.87	\$20.70 \$20.70	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.09 \$0.09	\$0.00 \$0.00	\$82.66 \$82.66						
Aug-18	2011-2018	Q3	0.16%	\$32.00	\$29.87	\$20.70	\$0.00	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$82.66
Sep-18	2011-2018	Q3	0.16%	\$32.00	\$29.87	\$20.70	\$0.00	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$82.66
Oct-18 Nov-18	2011-2018	Q4 Q4	0.18%	\$36.74 \$36.74	\$34.30 \$34.30	\$23.76 \$23.76	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.10 \$0.10	\$0.00 \$0.00	\$94.91 \$94.91						
Dec-18	2011-2018	Q4	0.18%	\$36.74	\$34.30	\$23.76	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.91
Total for 2018				\$718.08	\$670.33	\$464.41	\$0.00	\$0.00	\$0.00	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,854.86
Amount Cleared Opening Balan	d			\$718.08	\$670.33	\$464.41	\$0.00	\$0.00	\$0.00	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,854.86
Jan-19	2011-2019	Q1	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-19	2011-2019	Q1	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-19	2011-2019	Q1	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-19 May-19	2011-2019	Q2 Q2	0.00%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Jun-19	2011-2019	Q2	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-19	2011-2019	Q3 Q3	0.00%	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00
Aug-19 Sep-19	2011-2019	Q3 Q3	0.00%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Oct-19	2011-2019	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-19	2011-2019	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-19 Total for 2019	2011-2019	Q4	0.00%	\$0.00 \$718.08	\$0.00 \$670.33	\$0.00 \$464.41	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$2.04	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$1.854.86
Amount Cleared	d			<b>V</b> 110.00	\$070.00	Ç104.41	ψ0.00	\$0.00	41111	V2.04	\$0.00	<b>\$0.00</b>	\$0.00	4	\$0.00	43.42	\$0.00	<b>\$1,004.00</b>
Opening Balar	nce for 2020			\$718.08	\$670.33	\$464.41	\$0.00	\$0.00	\$0.00	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,854.86
Jan-20 Feb-20	2011-2020 2011-2020	Q1 Q1	0.00%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Mar-20	2011-2020	Q1	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-20	2011-2020	Q2	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-20	2011-2020	Q2	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-20 Jul-20	2011-2020	Q2 Q3	0.00%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Aug-20	2011-2020	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-20	2011-2020	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-20 Nov-20	2011-2020	Q4 Q4	0.00%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Dec-20	2011-2020	Q4 Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2020				\$718.08	\$670.33	\$464.41	\$0.00	\$0.00	\$0.00	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,854.86
Amount Cleared	d																	

# Supporting Documentation LDC Persistence Savings Results from

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 t
- 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
- 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
- 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 matc

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

Step:	#1					#3	#2	#4	#1
Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings	Net Verifi
									2011
Tier 1	Consumer	Appliance Exchange	PUC Distribution Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	6.2
Tier 1	Consumer	Appliance Retirement	PUC Distribution Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	17.1
Tier 1	Consumer	Bi-Annual Retailer Event	PUC Distribution Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	14.6
Tier 1	Consumer	Conservation Instant Coupon Booklet	PUC Distribution Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	10.3
Tier 1	Consumer	HVAC Incentives	PUC Distribution Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	148.1
Tier 1	Consumer	Retailer Co-op	PUC Distribution Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	0.0
Tier 1	Business	Direct Install Lighting	PUC Distribution Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	226.9
Tier 1	Business	Retrofit	PUC Distribution Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	127.8
Tier 1	Pre-2011 Pro	Electricity Retrofit Incentive Program	PUC Distribution Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	15.7
Tier 1	Pre-2011 Pro	High Performance New Construction	PUC Distribution Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	98.1
Tier 1	Business	Direct Install Lighting	PUC Distribution Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0.0
Tier 1	Business	Retrofit	PUC Distribution Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0.0
Tier 1	Consumer	Appliance Exchange	PUC Distribution Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0.0
Tier 1	Consumer	Appliance Retirement	PUC Distribution Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0.0
Tier 1	Consumer	Bi-Annual Retailer Event	PUC Distribution Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0.0
Tier 1	Consumer	Conservation Instant Coupon Booklet	PUC Distribution Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0.0
Tier 1	Consumer	HVAC Incentives	PUC Distribution Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0.0
Tier 1	Home Assista	Home Assistance Program	PUC Distribution Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0.0
Tier 1	Pre-2011 Pro	g High Performance New Construction	PUC Distribution Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0.0
Tier 1 - 2011 Adjustment	Business	Retrofit	PUC Distribution Inc.	C&I	EE	2011	2012 Results Persistence	Adjustment	0.1
Tier 1 - 2011 Adjustment	Business	Direct Install Lighting	PUC Distribution Inc.	C&I	EE	2011	2012 Results Persistence	Adjustment	3.0
Tier 1 - 2011 Adjustment	Pre-2011 Pro	g High Performance New Construction	PUC Distribution Inc.	C&I	EE	2011	2012 Results Persistence	Adjustment	-0.3
Tier 1 - 2011 Adjustment	Consumer	HVAC Incentives	PUC Distribution Inc.	Residential	EE	2011	2012 Results Persistence	Adjustment	-15.3
Tier 1 - 2011 Adjustment	Consumer	Bi-Annual Retailer Event	PUC Distribution Inc.	Residential	EE	2011	2012 Results Persistence	Adjustment	0.9
Tier 1 - 2011 Adjustment	Consumer	Conservation Instant Coupon Booklet	PUC Distribution Inc.	Residential	EE	2011	2012 Results Persistence	Adjustment	0.1
LDC	Business	Retrofit	PUC Distribution Inc.	Commercial & Institutional	EE	2012	2013 Results Persistence	Adjustment	
LDC	Business	Retrofit	PUC Distribution Inc.	Commercial & Institutional	EE		2013 Results Persistence	Current year savings	
LDC	Business	Small Business Lighting	PUC Distribution Inc.	Commercial & Institutional	EE	2012	2013 Results Persistence	Adjustment	

### 1:

## om IESO

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o H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

ng on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

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.

those provided by the IESO.

ed Annual Peak Demand Savings at the End-User Level (kW)

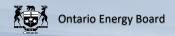
2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
6.2	6.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	17.1	16.6	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.6	14.6	14.6	13.6	12.5	10.1	10.0	12.2	5.8	0.8	0.8	0.8	0.8	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	10.3	10.3	9.7	9.0	7.7	7.6	8.8	5.0	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	146.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.0	224.7	189.1	189.1	188.9	37.9	36.8	36.8	36.8	36.6	36.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.8	127.8	127.8	127.8	127.8	127.8	127.8	105.2	105.2	105.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	0.0
338.7	337.5	337.5	297.4	296.9	114.6	114.6	111.9	111.9	111.9	110.8	110.8	11.3	11.3	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.1	148.1	148.1	148.1	148.1	127.2	126.1	126.1	115.8	100.7	100.5	100.5	38.4	38.4	38.4	21.2	21.2	21.2	21.2	21.2	0.0	0.0	0.0	0.0	0.0	0.0
12.1	12.1	12.1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.4	12.4	12.4	12.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	12.9	12.9	12.9	11.8	10.0	7.5	7.4	7.4	4.8	1.9	1.9	1.9	1.8	1.8	1.8	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	109.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	3.0	3.0	3.0	3.0	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-15.3	-14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	0.9	0.9	0.9	0.9	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	60.1	60.1	60.1	60.1	60.1	57.3	57.3	57.3	40.9	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	162.2	146.6	146.6	127.2	120.6	118.7	118.7	118.6	118.5	104.7	86.1	84.8	71.1	3.5	3.5	3.4	3.2	3.2	3.2	3.2	0.0	0.0	0.0	0.0	0.0
3.9	3.9	3.9	3.9	3.9	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

#1
Net Verified Annual Energy Savings at the End-User Level (kWh)

203	203	204	201	201	201	201	201	201	201	201	201	202	202	202	202	202	202	202	202
38	39	6	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
0.0	0.0	0.0	9,081	9,081	9,081	7,116	0	0	0	0	0	0	0	0	0	0	0	0	0
0.0	0.0	0.0	115,083	115,083	115,083	114,577	81,088	0	0	0	0	0	0	0	0	0	0	0	0
0.0	0.0	0.0	255,303	255,303	255,303	255,303	233,328	209,322	157,815	157,239	203,221	65,212	23,481	20,669	20,669	15,265	15,265	13,870	0
0.0	0.0	0.0	166,010	166,010	166,010	166,010	152,837	138,446	109,025	108,238	135,801	53,073	17,179	13,482	13,482	12,350	12,350	11,980	0
0.0	0.0	0.0	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460
0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.0	0.0	0.0	576,898	574,836	571,172	468,028	468,028	467,591	92,060	91,186	91,186	91,186	90,164	90,164	0	0	0	0	0
0.0	0.0	0.0	724,440	724,440	724,440	724,440	724,440	724,440	724,440	724,440	664,592	664,592	664,592	0	0	0	0	0	0
0.0	0.0	0.0	91,066	91,066	91,066	91,066	91,066	91,066	91,066	91,066	91,066	91,066	91,066	91,066	91,066	0	0	0	0
0.0	0.0	0.0	503,823	503,823	503,823	503,823	503,823	503,823	503,823	503,823	503,823	503,823	503,823	503,823	503,823	503,823	503,823	391,858	391,858
0.0	0.0	0.0	0	1,244,484	1,240,864	1,239,376	1,067,310	1,065,605	404,251	404,251	401,588	401,588	401,588	390,173	390,173	11,304	11,304	11,304	0
0.0	0.0	0.0	0	655,680	655,680	655,680	655,680	655,680	586,840	579,962	579,962	541,595	448,844	426,434	426,434	55,841	55,841	55,841	25,160
0.0	0.0	0.0	0	21,501	21,501	21,501	21,484	0	0	0	0	0	0	0	0	0	0	0	0
0.0	0.0	0.0	0	83,036	83,036	83,036	82,728	50,228	0	0	0	0	0	0	0	0	0	0	0
0.0	0.0	0.0	0	232,665	232,665	232,665	232,665	209,151	170,070	116,005	115,764	115,764	58,799	43,637	42,281	42,281	39,329	39,329	38,791
0.0	0.0	0.0	0	12,147	12,147	12,147	12,147	11,964	11,964	5,634	5,603	5,603	5,603	910	733	733	630	630	606
0.0	0.0	0.0	0	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532
0.0	0.0	0.0	0	14,396	14,396	14,396	14,220	14,220	14,220	14,220	14,220	912	912	912	912	912	912	912	0
0.0	0.0	0.0	0	494,240	494,240	494,240	494,240	494,240	494,240	494,240	494,240	494,240	494,240	494,240	494,240	0	0	0	0
0.0	0.0	0.0	428	428	428	428	428	428	428	428	428	428	428	428	428	428	0	0	0
0.0	0.0	0.0	5,936	5,936	5,936	5,936	5,936	5,936	864	864	864	864	864	864	0	0	0	0	0
0.0	0.0	0.0	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136	0	0
0.0	0.0	0.0	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798
0.0	0.0	0.0	18,968	18,968	18,968	18,968	18,968	17,237	9,306	9,304	9,304	2,053	1,724	1,583	1,583	1,314	1,314	1,312	0
0.0	0.0	0.0	2,395	2,395	2,395	2,395	2,395	2,188	1,342	1,341	1,341	475	214	156	156	140	140	139	0
0.0	0.0	0.0	0	285,274	285,274	285,274	285,274	285,274	285,274	272,681	272,681	272,681	197,430	31,831	31,831	0	0	0	0
0.0	0.0	0.0	0	0	673,976	625,283	625,283	565,227	544,417	532,150	532,150	531,227	530,716	441,294	314,749	307,093	230,674	20,209	20,209
0.0	0.0	0.0		14,238	14,238	14,238	13,997	13,997	2,185	2,185	2,185	2,185	2,185	1,595	1,595	0	0	0	0

2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
302,460	300,971	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
391,858	391,858	391,858	391,858	391,858	391,858	391,858	391,858	391,858	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
25,160	25,160	25,160	25,160	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
10,884	10,884	10,884	10,884	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
214,532	214,532	212,222	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
-30,798	-30,249	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
18,185	9,873	9,873	9,873	9,873	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0

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# LRAMVA Work Form: Documentation for Streetlighting Projects

Version 2.0 (2017)

#### Instructions

Please provide documentation and/or data to substantiate program savings that were not provided by the IESO (i.e., streetlighting projects) as applicable.

Energy s	avings attribu	ited to stre	et lighting p	roject in
V		NITO		Comment
Year	Gross	NTG	Net	s
2015			-	
2016	1,196,145	0.74	927,202	
2017			-	

Actual lost revenue based on kW billing				
Month	Gross kW reduction	Cumulati ve kW Reductio n	NTG	Net kW reduction
		_		_
Jan-16	0		0.74	
Feb-16	0	-	0.74	-
Mar-16	0		0.74	-
Apr-16	99.43	99.43	0.74	73.71
May-16	107.96	207.39	0.74	153.74
Jun-16	0	207.39	0.74	153.74
Jul-16	93.89	301.28	0.74	223.35
Aug-16	0	301.28	0.74	223.35
Sep-16	4	305.28	0.74	226.31
Oct-16	8.24	313.52	0.74	232.42
Nov-16	2	315.52	0.74	233.90
Dec-16	0.38	315.90	0.74	234.18
2016 total		0.00		1,754.70
2016 Persisting in 2017				2,083.26
2016 Persisting in 2018				2,083.26
2016 Persisting in 2019				2,083.26
2016 Persisting in 2020				2,083.26