

**Entegrus Powerlines Inc.** 

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entegrus.com

November 16, 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.

Entegrus wishes to advise the Board that as a result of merger-related activities and recent staff turnover, it has 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). Management has commenced conducting additional analysis in this regard. However, such analysis will not be complete within the timelines of the current IRM process (for distribution rates effective January 1, 2019). Accordingly, management intends 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). Entegrus intends to submit the updated application, along with the applicable responses to the OEB Staff questions, by November 23, 2018. Entegrus sincerely regrets the need for this delay.



In the interim, please find enclosed the responses to OEB Staff questions related to the Entegrus-Main rate zone.

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

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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

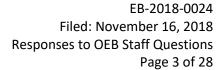
For Entegrus-Main Rate Zone

EB-2018-0024



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## **ATTACHMENTS**

- A. 2019 IRM Rate Generator Model
- B. GA Analysis Workform
- C. LRAMVA Workform



## Main Rate Zone



Reference: Manager's Summary Attachment C – Entegrus-Main's IESO Settlement Process

The Applicant has indicated on page 2 of 6:

"Due to cycle billing, this [determining actual consumption] reconciliation process typically happens within three months of the actual customer consumption"

However, on page 3 of 6, the applicant also states:

"Starting in 2016, Entegrus-Main commenced calculating the required December RPP / GA trueup once all volumes and prices were definitively known in January. Entegrus-Main subsequently records the true-up in the general ledger prior to closing the fiscal year"

- a) Please reconcile the above statements regarding the timeline for when actual consumption data becomes available for a particular month.
- b) Please explain the source of the actual consumption data and explain how Entegrus-Main obtains all actual December volumes and prices before the end of January.
- c) Please confirm the date that actual consumption data was retrieved for the month of December 2017, the posting date of the consumption variance true-up adjustments (ie. which day in the general ledger is the true-up adjustment reflected on), as well as the date that the 2017 fiscal year was closed.
- d) Were there any journal entries made subsequent to closing the 2017 fiscal year that weren't reflected in 2017? Please quantify applicable entries and update the continuity schedules and GA Analysis Workforms accordingly, in relation to:
  - i. RPP settlement true ups pertaining to any month prior to 2018 related to GA costs, and/or revenue amounts based on volumes for RPP by TOU or 2 Tier price points and for non-RPP?
  - ii. Differences between the Power or GA Unbilled Revenue vs actual Power or GA revenue billed in January/February relating to any month prior to 2018?
  - iii. Transfers for GA amounts between accounts 1588 and 1589 pertaining to volumes for RPP by TOU or two-tier price points and for non-RPP?

#### Response

a) Due to cycle billing, a single month's consumption is billed over three months, including the month it is consumed in. For example, the total December consumption is billed approximately 15% prior to December month end, 80% in January and the remaining 5% in February. Accordingly, the latter statement above would be more accurately worded as "predominantly known in January" rather than "definitively known in January".



- b) Consumption data is collected from the Entegrus CIS/billing system (Northstar). Entegrus-Main is able to capture 95% of consumption during the January month end processes. The remaining 5% of December consumption is estimated at this time. December purchase data, including kWh and price, is 100% available during the January month end processes. Entegrus uses the weighted average purchase price and Actual GA rate to settle with the IESO on the known 95% of December billed consumption and the remaining 5% of December estimate consumption.
- c) The 95% of known December 2017 consumption was downloaded from Entegrus' CIS on February 5, 2018 and included in Entegrus' January 2018 submission to the IESO completed on February 6, 2018. The December adjusting entry was posted on February 8, 2018 into the December 2017 general ledger. The 2017 fiscal year was subsequently closed on February 16, 2018.
- d) The following entries were made subsequent to the close of the 2017 fiscal year:
  - The RPP settlement and volumetric true up related to RPP usage, which resulted in a credit to Account 1589 for \$132,775.23. This amount has been added to Cell C73 of the GA Analysis Workform.
  - ii. Volumetric true up related to Non-RPP usage resulting in a credit to Account 1589 for \$83,111.59. The amount has been added to Cell C66 of the GA Analysis Workform.
  - iii. Included in (i) above.

As noted above, Entegrus has updated the GA Analysis Workform. A live Excel copy has been filed as part of this submission and is also shown in Attachment B. Entegrus has also updated the Rate Generator Model, Tab 3. Continuity Schedule for these amounts. A live Excel copy has been filed as part of this submission and is also shown in Attachment A. Additional details regarding adjustments to the Rate Generator Model, Tab 3. Continuity can be found in response to Question 7 below.



#### Reference: Manager's Summary Page 13

The Applicant has indicated that during 2017, 24,300,393 kWh were billed to Hydro One Networks Inc. as part of a short-term load transfer arrangement. Furthermore, the Applicant has included this consumption as a Class A customer for the period of July-December 2017.

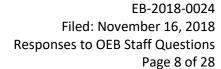
- a) Please confirm whether or not Hydro One qualifies as a Class A customer through the ICI program. If not, should Hydro One be treated as a Class B customer? If so, how would this impact Entegrus' RPP settlements with the IESO? Please provide detail calculations showing the impact to the 2017 RPP Settlements charge type 142/1142 and to accounts 1588 and 1589 if Hydro One was treated as a Class B customer.
- b) Please confirm whether or not Hydro One has their own customer specific peak demand factor.
- c) Please confirm what GA rate that Entegrus invoices Hydro One.

#### Response

Entegrus notes the following from PDF Page 16 of the Entegrus-Main 2019 IRM Application dated August 13, 2018:

"In August 2017, Entegrus-Main entered into a Short-Term Load Transfer ("STLT") agreement with HONI to support HONI's refurbishment of the Strathroy Transmission Station. This arrangement resulted in 24,300,393 kWh being billed to HONI in 2017 at the Actual GA rate, rather than at the 1st Estimate (which Entegrus-Main typically bills customers). In order to reflect this in the Rate Generator, Entegrus-Main has included the STLT consumption as a Class A customer for the period of July-December 2017. This treatment within the model appropriately removes the STLT consumption from the general GA allocation calculation and rate class specific rate rider calculation."

- a) HONI does not qualify as a Class A customer for this situation. Rather, as described above, this treatment was utilized within the model for processing purposes only. For the period of this STLT arrangement, HONI consumption was billed at the Actual GA rate as a Class B customer. There are no impacts to Accounts 1588 and 1589.
- b) Not applicable.





c) HONI was billed at the Actual GA rate for the short-term load transfer consumption. This was proposed by HONI and agreed to by Entegrus to ensure that no GA variances were created during this one-time STLT anomaly.



#### Reference: GA Analysis Workform, Note 5 Reconciling Items

The Applicant has indicated that an amount of \$163,204 has been recorded as a result of differences in Global Adjustment charges from the IESO that pertained to prior periods.

- a) Please itemize, detail and explain what these adjustments relate to, which month/year these adjustments pertain to and, in the analysis break out the adjustments by year.
- b) Please confirm whether or not the amount of \$163,204 was a credit received from the IESO. If this amount was an additional charge, rather than a credit, please reverse the direction of the reconciling item.
- c) Please confirm which group of customers that the GA adjustment amount of \$163,204 pertains to, RPP or Non-RPP customers.
- d) Please explain the process for how the Applicant determined what portion of the GA adjustments pertained to RPP customers (and ultimately booked in Account 1588) versus Non-RPP customers (and ultimately booked in Account 1589).
- e) If any portion of the \$163,204 relates to RPP customers and has not been allocated to Account 1588, please record the necessary adjustments in the DVA Continuity Schedule and confirm that Entegrus will settle this amount with the IESO. In addition, please update the GA Analysis Workform to include only the non-RPP portion of the \$163,204 in account 1589.

#### Response

Please note upon further management review, a clerical error was identified which results in the above referenced IESO price variance of \$163,204 being restated as \$33,626. Entegrus has updated the GA Analysis Workform accordingly. A live Excel has been filed as part of this submission and the GA Analysis Workform has also been included in Attachment B.

a) The IESO price variance of \$33,626 primarily relates to two items. The first was an IESO invoicing error that occurred for June 2017 purchases. The IESO notified Market Participants of this problem via email and subsequently adjusted for the issue on the July 2017 invoice. However, the error and the adjusted amounts did not net to zero, resulting in an additional



payment of \$19,100. The second issue relates to two IESO invoices received by Entegrus relating to its predecessor company, Middlesex Power Distribution Corporation (which merged with Chatham-Kent Hydro to form Entegrus in 2012). The first invoice (received April 2017) was an additional payment of \$12,612 relating to adjustments for December 2011. This was offset by a credit on Entegrus' IESO invoice of \$9,291. The second invoice (received May 2017) was an additional payment of \$10,086 relating to adjustments for December 2012. This was offset again by a credit on Entegrus' IESO invoice of \$5,558. The net impact of these two invoices result in an additional payment of \$7,849.

- b) The \$33,626 price variance results in an additional debit to Account 1589. Entegrus has recorded this amount as a debit on the GA Analysis Workform, Cell C71.
- c) This additional payment impacts both RPP and Non-RPP customers.
- d) Entegrus proposes the price variance of \$33,626 be allocated to RPP and Non-RPP customers based on the total 2017 billing determinants. Please see the table below for the calculation.

TABLE 1: ALLOCATION OF IESO PRICE VARIANCE

Line No.	Description	2017 kWh (Exclud WMP)	Percentage	Allocation
1	RPP Consumption	381,163,426	43.0%	\$14,458
2	Non-RPP Consumption	505,356,144	57.0%	\$19,168
3	Total	886,519,570	100.0%	\$33,626

Based on the above calculation, Entegrus will credit Account 1589 for \$14,458 and debit Account 1588 for \$14,458 in its 2018 general ledger activity.

e) Entegrus has updated the Rate Generator Model, Tab 3. Continuity Schedule Cells BF28 and BF29 for \$14,458. Please see Question 7 below for details of the amounts included in Cells BF28 and BF29. Entegrus has updated the GA Analysis Workform to include the transfer of the RPP portion in Cell C75.



#### Reference: Continuity Schedule – OEB Approved Disposition during 2016

a) Provide an explanation for the credit entry in Account 1595 (2016) of \$4,003,963.

#### Response

a) The credit of \$4,003,963 in Cell AU35 of Tab "3. Continuity Schedule" represents the deferral and variance account dispositions approved as part of Entegrus-Main's 2016 COS (EB-2015-0061). This disposition includes amounts related to Group One, Group One – Non-RPP, Group Two, LRAM/LRAMVA and Stranded Meter balances. Below is a reproduction of Table 29 from PDF Page 66 of the Decision and Order in EB-2015-00612 issued March 17, 2016. The values highlighted in yellow equal \$4,003,963.

TABLE 2: REPRODUCTION OF EB-2015-0061 SETTLEMENT PROPOSAL TABLE 29

Rate Class	Billing	Group One	Group One -	Cuavus Tuva	LRAM/	Acct 1576	Stranded
Rate Class	Determinant	Group One	Non-RPP	Group Two	LRAMVA	ACCI 15/6	Meter
Total Amount		\$1,403,803	\$1,698,871	\$354,754	\$229,394	-\$3,993,662	\$317,141
Residential	Cust/kWh	\$0.0015	\$0.0034	\$0.25	\$0.0002	-\$1.40	\$0.22
General Service < 50 kW	kWh	\$0.0015	\$0.0035	\$0.0004	\$0.0007	-\$0.0022	\$2.94
General Service > 50 kW	kW	\$0.5791	\$1.3567	\$0.1454	\$0.0563	-\$0.8185	\$13.35
General Service > 50 kW - WMP	kW	\$0.4317					
Large Use	kW	\$0.6596	-\$0.0827	\$0.1655	\$0.3180	-\$0.9313	
Unmetered Scattered Load (Conn)	kWh	\$0.0015	\$0.0042	\$0.0004	\$0.0000	-\$0.0022	
Sentinel Lights (Conn)	kW	\$0.5489	\$0.0000	\$0.1382	\$0.0000	-\$0.7777	
Street Lights (Device)	kW	\$0.5117	\$1.1613	\$0.1290	\$0.0006	-\$0.7260	
Embedded Distributor	kW	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	



#### Reference: Continuity Schedule – Principal Adjustments during 2016

a) Provide an explanation and justification for what the credit entries in Accounts 1588 and 1589 of \$18,303 and \$117,104 relate to, respectively.

#### Response

a) The adjustments in the Rate Generator Model, Tab 3. Continuity Schedule, Cells AV28 and AV29 were approved as part of the 2018 IRM (EB-2017-0033). These adjustments reflect the reversal of fiscal 2016 accruals in fiscal 2017 (i.e. timing differences).

Regarding Account 1588 adjustments, below is a reproduction of Table 4 from PDF page 14 of Entegrus to OEB Staff Questions, dated January 23, 2018 in EB-2017-0033.

TABLE 3: REPRODUCTION OF TABLE 4 FROM ENTEGRUS RESPONSES JAN23/18 (EB-2017-0033)

	Component	Estimate or Actual	Notes	Quantify True Up Adjustment \$ Amount
i.	Revenue (i.e. is an unbilled revenue true-up adjustment reflected in the balances being requested for disposition?)	Estimate		-\$2,427
ii.	Expenses – Commodity: Charge Type 101 (i.e. is expense based on IESO invoice at year	Actual	IESO expense was reported as actual.	\$0
	end)	Estimate	HONI expenses were reported on estimate basis and true up occurred in 2017.	\$154
iii.	Expenses - GA RPP: Charge Type 148 with respect to the quantum dollar amount (i.e. is expense based on IESO invoice at year end)	Actual		\$0
iv.	Expenses - GA RPP: Charge Type 148 with respect to the RPP/non-RPP kWh volume proportions.	Actual		\$0
v.	RPP Settlement: Charge Type 142 including any data used for determining the RPP/HOEP/RPP GA components of the charge type	Actual		\$0
vi.	Long Term Load Transfer	Estimate		-\$16,030
	Total			-\$18,303



Regarding Account 1589 adjustments, below is a reproduction of Table 3 from PDF Page 11 of Entegrus Responses to OEB Staff Questions dated January 23, 2018 in EB-2017-0033.

TABLE 4: REPRODUCTION OF TABLE 3 FROM ENTEGRUS RESPONSES JAN23/18 (EB-2017-0033)

	Component	Estimate or Actual	Notes	Quantify True Up Adjustment \$ Amount
i.	Revenue (i.e. is an unbilled revenue true-up adjustment reflected in the balances being requested for disposition?)	Estimate	Not previously reported in the GA Workform or the Rate Generator Model.	\$5,791
ii.	Expenses - GA non-RPP: Charge Type 148 with respect to the quantum dollar amount	Actual	IESO expense was reported as actual.	\$0
	(i.e. is expense based on IESO invoice at year end)	Estimate	HONI expenses were reported at the 1st GA Rate. Previously reported in GA Workform Line 2b. Not included in Rate Generator Model.	-\$37,134
iii.	Expenses - GA non-RPP: Charge Type 148 with respect to the RPP/non-RPP kWh volume proportions.	Actual		\$0
iv.	Credit of GA RPP: Charge Type 142 if the approach under Staff Question 1c is used	Actual		\$0
v.	Long Term Load Transfer	Estimate	Previously reported in GA Workform Line 3b, Not orginally included in Rate Generator Model.	-\$85,762
	Total			-\$117,104



Reference: Continuity Schedule – Principal Adjustments during 2017

a) Provide an explanation and justification for what the debit entry in Account 1595 (2017) of \$1,371,570 relates to.

### Response:

a) The debit entry in Account 1595 (2017) of \$1,371,570 reflects the Group One disposition approved in the Entegrus-Main 2017 IRM (EB-2016-0063). The balance reflects a Group One disposition debit of \$1,666,163, net of LRAMVA disposition credit of \$294,593 per pages 11 and 14 of the Decision and Rate Order issued March 30, 2017.



#### Reference: Continuity Schedule – Principal Adjustments during 2017

 a) Provide an explanation and justification for what the debit entries in Accounts 1588 and 1589 of \$18,303 and \$97,238 relate to, respectively.

#### Response

a) Please note that as result of the adjustments noted in response to Question 1 and Question 3 above, the Account 1588 principal adjustment is restated as \$32,761 (debit) and the Account 1589 principal adjustment is restated as \$132,072 (credit). Entegrus has updated the Rate Generator Model, Tab 3. Continuity Schedule, Cells BF28 and BF29 to reflect these restated amounts. the adjustments discussed in response to Question 1 and Question 3 above. Entegrus has taken these adjustments into account when drafting the tables below.

TABLE 5: ACCOUNT 1588 2017 PRINCIPAL ADJUSTMENTS

Line No.	Description	Reference	Amount
1		Question 5	\$2,427
2	Reversal of 2016 Timing Adjustments	Question 5	-\$154
3		Question 5	\$16,030
4	Allocation of 2017 GA related to RPP Customers recorded in 2018	Question 3e	\$14,458
5	Total		\$32,761

TABLE 6: ACCOUNT 1589 2017 PRINCIPAL ADJUSTMENTS

Line No.	Description	Reference	Amount
1		Question 5	-\$5,791
2	Reversal of 2016 Timing Adjustments	Question 5	\$85,762
3		Question 5	\$37,134
4	2017 Non-RPP True Up recorded in 2018	Question 1(d)(i), GA Analysis Workform Cell C66	-\$83,112
5	2017 Long Term Load Transfer recorded in 2018	GA Analysis Workform, Cell C68	-\$18,832
6	2017 RPP Settlement True Up recorded in 2018	Question 1(d)(i), GA Analysis Workform Cell C73	-\$132,775
7	Allocation of 2017 GA related to RPP Customers recorded in 2018	Question 3e	-\$14,458
	Total		-\$132,072



#### Reference: Continuity Schedule – Interest Adjustments during 2017

- a) Provide an explanation and justification for what the debit entries in Account 1595 (2013), Account 1595 (2015) and Account 1595 (2016) of \$3,747, \$10,460 and \$19,221 respectively.
- b) Provide an explanation and justification for what the credit entry in Account 1595 (2017) in the amount of relates to \$6,378.

## Response

Please see 2019 IRM Application dated August 13, 2018, PDF Page 12 for details regarding the abovenoted interest adjustments.



#### Reference: Continuity Schedule – Interest Disposition during 2018 – instructed by OEB

The amounts entered into column BN do not match the amounts provided in the OEB's decision and order (EB-2017-0033). Please explain.

#### Response

The 2018 IRM (EB-2017-0033) approved interest for disposition is comprised of 3 interest components:

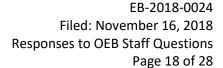
- 1. Interest accumulated and recorded in the general ledger to December 31, 2016 less previously approved dispositions amounts,
- 2. Interest calculated for January 1 to December 31, 2017 and subsequently recorded in the general ledger in 2017, and
- 3. Interest calculated for January 1 to April 30, 2018 and subsequently recorded in the general ledger in 2018.

The difference of \$6,331 noted above relates to the latter component.

The table below shows the value of each of these interest calculations as reproduced from Tab 3 of the 2018 Rate Generator Model and reconciling to PDF Page 10 of the 2018 IRM Decision and Rate Order dated March 22, 2018 (EB-2017-0033).

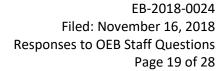
**TABLE 7: INTEREST RECONCILIATION** 

Line No.	Description	General Ledger Interest to Dec31/16	Calculated Interest Jan01/17 to 31Dec17	Subtotal Interest to Dec31/17	Calculated Interest Jan01/18 to Apr30/18	Total Approved Interest
			В	C = A + B	D	E = C + D
1	Source: 2018 IRM Rate Generator Model	Tab 3, Col BP	Tab 3, Col BQ		Tab 3, Col BR	Tab 3, Col BS
2	LV Variance Account	\$5,931	\$8,080	\$14,011	\$3,318	\$17,329
3	Smart Metering Entity Charge Variance Account	-\$334	-\$24	-\$358	-\$10	-\$368
4	RSVA - Wholesale Market Service Charge	-\$4,427	-\$10,365	-\$14,792	-\$4,257	-\$19,049
5	Variance WMS – Sub-account CBR Class B	\$35	\$377	\$413	\$155	\$568
6	RSVA - Retail Transmission Network Charge	\$609	-\$540	\$69	-\$222	-\$153
7	RSVA - Retail Transmission Connection Charge	\$3,428	-\$275	\$3,152	-\$113	\$3,039
8	RSVA - Power	\$8,207	\$7,580	\$15,787	\$3,113	\$18,900
9	RSVA - Global Adjustment	\$8,167	\$10,585	\$18,752	\$4,347	\$23,098
10	Grand Total	\$21,616	\$15,417	\$37,033	\$6,331	\$43,364





The calculation in the Rate Generator Model takes the interest recorded in the general ledger at the end of 2017 (Column BL) and reduces it by the interest approved in the latest IRM decision (Column BN). However, consistent with its accounting policy, Entegrus did not book the 2018 interest previously approved, as reflected in Column D of the table above, until the 2018 calendar year in which it was incurred. If the full amount of approved interest (Column E of the above table) is included in Column BN of the Rate Generator Model, it will inherently reduce the interest by an amount not yet reflected in the general ledger, but which will be truly incurred by April 30 of the following year. This will result in the interest disposition being lower than it should be, and results in further and perpetual one-year lag in the disposition of January to April interest.





Reference: 2019 IRM Rate Generator Model, Tab 3, Continuity Schedule

If necessary, with respect to the interrogatory questions asked and answered, provide an updated 2019 IRM rate generator model for Tab 3, continuity schedule.

#### Response

Entegrus has updated the Rate Generator Model as discussed above. A live Excel copy has been filed as part of this submission and a copy can be found in Attachment A.



Reference: Tab 6.1a GA Allocation – cell D20 Total Non-RPP Class B consumption

Tab 6.2a CBR B\_Allocation - cell D20 Total Class B consumption less WMP

OEB staff is unable to reconcile the data entered in cells D20 in Tab 6.1a and Tab 6.2a. Below is a table that staff prepared showing the "Validation of Data used in class B GA and CBR Allocations". Staff notes a discrepancy for the 2017 consumption figure that is used in the "GA allocation" and "CBR B Allocation" of 2019 IRM rate model as below.

Year the Account 1589 GA Balance Last Disposed 2016 Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers Total 2017 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 331,157,229 full year) Α 331,157,229 Transition Customers' Class B Consumption (i.e. full year or partial В 54,960,652 54,960,652

C=B/A

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.

Transition Customers' Portion of Total Consumption

2016

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

16.60%

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

		Total	2017
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)	А	331,157,229	331,157,229
Transition Customers' Class B Consumption (i.e. full year or partial			
year)	В	54,960,652	54,960,652
Transition Customers' Portion of Total Consumption	C=B/A	16.60%	276,196,577



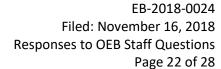
#### Table 1 – confirmation of 2017 consumptions

Validation of D	ata used in C	lass B GA and C	BR Allocations	
				Carrage 12C after A. Dilling
Total metered volume Excl WMP	Α		996 510 570	Source I26 of tab 4. Billing Det. for Def-Var
			886,519,570	-
Non-RPP excl WMP	В		505,356,144	
Class A Full year	С		61,764,251	Source E26 of tab 6.1 GA
Class A Full Part year:				
While Class A	D	81,774,404		=+F-E
				Source D21 of tab 6.1a GA
While Class B	E	54,960,652		Allocation
	F		136,735,057	Source G26 of tab 6.1 GA
Total non-RPP excl WMP and full year				
volumes for class A customers who were				
class A for the full year, and the class A				Input in D20 of tab 6.1a G
volumes who were class A part year	G= +B-C-D		361,817,489	
Total Class B Customers excl WMP and Full				
year volumes for customers who were class				
A for full year, and the class A customers who				Input in D20 of tab 6.2a
• •	H=+A-C-D		742.000.015	•
were class A part year	H=+A-C-D		742,980,915	CBR_B Allocation

- a) Using Table 1, please provide a calculation for the 2017 consumptions inputted into the above referenced tabs and explain any discrepancies.
- b) Please confirm whether or not Entegrus (Main) agrees with the updated quantities per the Table 1 calculations for 2017. If not please explain why Entegrus (Main) believes the values it used in its 2019 IRM Rate Generator Model are appropriate. Otherwise please update the 2019 IRM Rate Generator Model accordingly.

#### Response

- a) Entegrus agrees with Board Staff calculations presented in Table 1 above.
- b) Entegrus has updated the Rate Generator Model, Tab "6.1a GA Allocation", Cell D20 and Tab "6.2a CBR B\_Allocation", Cell D20 with 361,817,489 and 742,980,915 respectively.





Reference: Tab 6 – Customer #18

Please explain why cells F81 and F82 have been left blank.

## **Response**

The Rate Generator Model, Tab "6. Class A Consumption Data", Cells F81 and F82 were left blank as Customer 18 represents the Hydro One Networks Inc. short-term load transfer as described on PDF Page 16 of the 2019 IRM Application dated August 13, 2018. As noted in response to Question 2 above, Hydro One Networks Inc. is not a Class A customer and did not have consumption during this period.



Reference: Tab 8 - Streetlighting

Entegrus Main Rate Zone applied for disposition of a debit balance of \$152,720 in lost revenues associated with new CDM program savings in 2016, including persisting savings from 2014 to 2015 in 2016 and carrying charges. Actual conservation savings were compared against Entegrus' forecasted conservation savings of 7,138,571 kWh included in the load forecast, which was set out in the 2016 cost of service application.

- a) For the streetlight savings in 2014 and 2015, it appears that the gross demand savings are determined by comparing the billed kW from one month to the previous month.
  - i. Did Entegrus use the Board-approved load profile to convert 2014 and 2015 energy savings to demand savings?
  - ii. How was the baseline savings determined in 2014 and 2015 for the projects?
  - iii. Please explain how the monthly demand billed kW amounts were determined.
  - iv. Please provide the detailed calculations in excel format to estimate 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 and demand billed kW.
  - v. Please confirm whether you have received reports from municipalities that confirm the number of lightbulbs replaced.
- b) In 2016, the gross kW streetlight savings reductions appear to be determined from actual bills to customers.
  - Did Entegrus use the Board-approved load profile to convert 2016 energy savings to demand savings?
  - ii. Please discuss how you calculated gross kW reduction for the streetlight project.
  - iii. Please provide the detailed calculations in excel format to estimate 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 and demand billed kW. In particular, please explain why gross kW reduction increased in July and



August 2016, and confirm whether savings were appropriately calculated from the baseline.

- iv. Please confirm whether you have received reports from municipalities that confirm the number of lightbulbs replaced.
- c) Please confirm appropriateness of the net-to-gross (NTG) ratios to calculate net savings for the 2014, 2015 and 2016 streetlight projects. It appears that a higher NTG ratio applied for the energy savings verified by the IESO for streetlights.

If the NTG ratios are appropriate, please provide the calculations or specific reference source to show support for the assumptions used.

#### Response

- a) The LRAMVA calculations are based on the actual lost revenues, as reflected on the bills issued to the customers 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.
  - ii. The baseline demand was taken from the billed amount in the month immediately before the adjustment was made for the implementation of the streetlight retrofit project.
  - iii. Entegrus determined the monthly demand billed kW by multiplying the number of streetlight fixtures by the wattage of the bulbs being used.
  - iv. Please see file titled "Entegrus-Main\_Q13Calculations\_20181116.xlsx" filed as part of this submission.
  - v. Confirmed.
- b) The LRAMVA calculations for 2016, as for other years are based on the actual lost revenues, as reflected on the bills issued to the customers, which were adjusted after the LRAMVA project was implemented.
  - i. It was not necessary to use a load profile to convert 2016 energy savings into demand savings as demand was shown on the bills.
  - ii. The demand in each month in which adjustments were made for the LED retrofit project was compared to the demand before the adjustment for the LED retrofit projects. The



- difference between the two represents the size of the adjustment, and hence the lost load and is reported on Tab 8, rows 74 to 93.
- iii. Please see file titled "Entegrus-Main\_Q13Calculations\_20181116.xlsx" filed as part of this submission.
- iv. Confirmed.
- c) In 2014 and 2015, streetlight projects were carried out under the Retrofit (2014) and ERII (2015) initiatives of the Business program. IESO did not provide project-specific Net-To-Gross (NTG) ratios, so the ratios for the initiative or program as a whole were used. These are as follows:

Year	Program	NTG type	Value	Reference
2014	Retrofit	Energy	0.72	[2011-2014 Final Results Report_HCENTEGRUS.xlsx]LDC - NTGs'!\$J\$18
2014	Retrofit	Demand	0.73	'[2011-2014 Final Results Report_HCENTEGRUS.xlsx]LDC - NTGs'!\$\$\$18
2015	ERII	Energy	0.67	[Final 2015 Annual Verified Results Report_Entegrus Powerlines Inc20160xlsx]LDC Progress'!\$DK\$17
2015	ERII	Demand	0.66	'[Final 2015 Annual Verified Results Report_Entegrus Powerlines Inc20160xlsx]LDC Progress'!\$EA\$17

In 2016, IESO provided project-specific NTG ratios, and those were used for the streetlighting project.

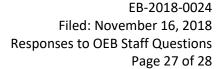


#### Reference: Tab 5 2015-2020 LRAM

- a) For the rate class allocations in Table 5-a, please confirm accuracy of the -100% allocation of the "Process and Systems Upgrades Initiatives Project Incentive Initiative" savings to the Standby Power class, while also 100% of these savings are allocated to the GS 50 to 4,999 kW. If this is correct, please confirm the rationale for these allocations.
- b) Please confirm whether there are missing allocations in cells Z168 and AA 168 of Tab 5, in order for the streetlight savings associated with the retrofit program to be appropriately deducted in the workform.

#### Response

- a) Confirmed. Entegrus lost revenue from the PSUI project because that customer reduced their load by the IESO reported amount. This was partially offset by associated Standby Power charges. The net loss in revenue is the difference between the two, i.e. Revenue from lost load
   Revenue from standby charges.
- b) Entegrus has updated Cell Z168 with the allocation. Entegrus has filed a live Excel copy of the LRAMVA Workform with this submission and a copy can be found in Attachment C. Entegrus notes that the value in Cell AA168 has no impact since no demand savings are shown by IESO for the streetlight project.





#### **Reference:** Tab 6 Carrying Charges

a) 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

a) Entegrus has updated the 2018 Q4 interest rates in the LRAMVA Workform and has filed a live
 Excel copy of the LRAMVA Workform with this submission. A copy can be found in Attachment
 C.



#### Reference:

- a) Please file an excel copy of the 2017 Final Results Report for the Entegrus (Main Rate Zone) if available.
- b) Please file an excel copy of the 2014 Persistence Savings Report for the Entegrus Main 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.

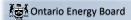
#### Response

- a) Please see file titled "Entegrus-Main\_2017FinalVerifiedResults\_20180629.xlsx" filed as part of this submission.
- b) Please see file titled "Entegrus-Main\_2014Persistence\_20181116.xlsx" filed as part of this submission.
- c) Please see file titled "Entegrus-Main\_LRAMVA\_20181116.xlsx" filed as part of this submission.



## **ATTACHMENT A**

2019 IRM Rate Generator Model



#### Quick Link

Ontario Energy Board's 2019 Electricity Distribution Rates Webpage

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



# Entegrus Powerlines Inc. TARIFF OF RATES AND CHARGES

#### Effective and Implementation Date May 1, 2018

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

EB-2017-0033

#### RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less and includes:

- 1) All services supplied to single-family dwelling units for domestic or household purposes,
- 2) All multi-unit residential establishments such as apartments of 6 or less units.
- 3) If a service supplies a combination of residential and commercial load and wiring does not permit separate metering, the classification of this customer will be determined individually by the distributor.

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	\$	22.90
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0026
Low Voltage Service Rate	\$/kWh	0.0017
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0004
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058
MONTHLY RATES AND CHARGES - Regulatory Component		
	£/14\A/b	0.0022
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

### **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

This classification applies to a non-residential account taking electricity at 750 volts or less whose average monthly maximum gross demand over a period of 12 consecutive months is less than, or is forecast to be less than, 50 kW and includes multi-unit residential establishments such as apartment buildings supplied through one service (bulk-metered) with greater than 6 units. 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 Distribution Volumetric Rate	\$ \$ \$/kWh	30.84 0.57 0.0102
Low Voltage Service Rate  Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019  Applicable only for New RRB Cycles are	\$/kWh \$/kWh	0.0015
Applicable only for Non-RPP Customers  Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019  Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh	0.0021
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh \$/kWh	0.0032 0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$	0.0003 0.25

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

This classification applies to a non-residential account whose average monthly maximum gross demand over a period of 12 consecutive months 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 customers are defined in accordance with O.Reg.429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

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

Service Charge	\$	100.01
Distribution Volumetric Rate	\$/kW	3.3126
Low Voltage Service Rate (see Note 1)	\$/kW	0.6201
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.1004)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	0.2670
Retail Transmission Rate - Network Service Rate	\$/kW	2.6031
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1767
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

#### LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum gross demand over a period of 12 consecutive months is equal to or greater than, or is forecast to be equal to or greater 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.

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

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

Service Charge Distribution Volumetric Rate Low Voltage Service Rate (see Note 1)	\$ \$/kW \$/kW	1,526.20 2.3307 0.6818
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kWh \$/kW \$/kW \$/kW	0.0021 0.0924 2.7620 2.3930
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

### **UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge	\$	8.26
Distribution Volumetric Rate	\$/kWh	0.0015
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0004
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051
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

### SENTINEL LIGHTING SERVICE CLASSIFICATION

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

#### **APPLICATION**

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

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

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

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

Service Charge Distribution Volumetric Rate Low Voltage Service Rate	\$ \$/kW \$/kW	7.51 0.6728 0.4661
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kW \$/kW \$/kW	0.0021 0.1554 1.9122 1.6359
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

### STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, 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 Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kWh \$/kWh \$/kW \$/kW	1.14 0.9594 0.4552 0.0021 0.1454 1.8926 1.5978
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

### **EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION**

This classification applies to an electricity distributor licensed by the Ontario Energy Board that is provided electricity by means of this distributor's facilities. 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	\$	132.50
Low Voltage Service Rate	\$/kW	0.6201
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	0.1976
Retail Transmission Rate - Network Service Rate	\$/kW	2.6031
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1767
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

### STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide backup service. 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.

General Service > 50 kW Standby Charge - for a customer whose facility is in the General Service > 50 kW rate class and for a month where actual demand is less than contracted demand. The charge is applied to the amount by which the amount of load transfer capacity contracted by a facility exceeds the actual demand.		3.3126
Large Use Standby Charge - for a customer whose facility is in the Large Use rate class and for a month where actual		
demand is less than contracted demand. The charge is applied to the amount by which the amount of load transfer		
capacity contracted by a facility exceeds the actual demand.	\$/kW	2.3307



### 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. 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.

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

Service Charge	\$ 5.40

### **ALLOWANCES**

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

### SPECIFIC SERVICE CHARGES

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

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

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

#### **Customer Administration**

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Easement letter	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Account setup charge/change of occupancy charge	\$	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
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00

Other



Temporary service install and remove - overhead - with transformer \$ 1,000.00

Specific charge for access to the power poles - \$/pole/year

(with the exception of wireless attachments) \$ 22.35

Switching for company maintenance - charge based on time and materials \$ T&M

### 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.

oloulion).		
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
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
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		
Total Loss Factor - Secondary Metered Customer < 5,000 kW		1.0432
Total Loss Factor - Secondary Metered Customer > 5,000 kW		1.0149
Total Loss Factor - Primary Metered Customer < 5,000 kW		1.0328
Total Loss Factor - Primary Metered Customer > 5.000 kW		1.0049



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, some time to the DVA continuity schedule for each account 1595 windage year for the table as a Electron 2015 windage year. Account 1595 sub-accounts, complete the DVA continuity schedule for each account 1595 windage year for either that as a Cl. balance as a Bucember 31, 2017 regardless 59 sub-account, start inputting data from the sub-account start of the continuity of the sub-account 1595 sub-account, start inputting data from 420 sub-account start input des tarting in 2015 when the relevant balance example, for Account 1595 (2015), data should be inputed starting in 2015 when the relevant balance seems to the sub-account starting in 2015 when the relevant balances 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 explanments in disches exploring indicomentations.

  2 if the LDCs rate year begins on almany 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2019 so the D
- 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 fraging the account are required the account and the substance of the account are required to the account and the substance of the account and the substance of the account and the substance of the substance of

- 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 field of the settlement requested for disposition starts with the activation of the contract of the settlement of the settle
- 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, some time to the DVA continuity schedule for each account 1595 windage year for the table as a Electron 2015 windage year. Account 1595 sub-accounts, complete the DVA continuity schedule for each account 1595 windage year for either that as a Cl. balance as a Bucember 31, 2017 regardless 59 sub-account, start inputting data from the sub-account start of the continuity of the sub-account 1595 sub-account, start inputting data from 420 sub-account start input des tarting in 2015 when the relevant balance example, for Account 1595 (2015), data should be inputed starting in 2015 when the relevant balance seems to the sub-account starting in 2015 when the relevant balances 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 explanments in disches exploring indicomentations.

  2 if the LDCs rate year begins on almany 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2019 so the D
- 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 fraging the account are required the account and the substance of the account are required to the account and the substance of the account and the substance of the account and the substance of the substance of

- 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 field of the settlement requested for disposition starts with the activation of the contract of the settlement of the settle
- 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, some time to the DVA continuity schedule for each account 1595 windage year for the table as a Electron 2015 windage year. Account 1595 sub-accounts, complete the DVA continuity schedule for each account 1595 windage year for either that as a Cl. balance as a Bucember 31, 2017 regardless 59 sub-account, start inputting data from the sub-account start of the continuity of the sub-account 1595 sub-account, start inputting data from 420 sub-account start input des tarting in 2015 when the relevant balance example, for Account 1595 (2015), data should be inputed starting in 2015 when the relevant balance seems to the sub-account starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

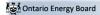
Please refer to the footnotes for further instructions.

						2013					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2013	Transactions Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments¹ 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				C
Smart Metering Entity Charge Variance Account	1551	0				0	0				c
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0				0	0				
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				(
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	0				
RSVA - Retail Transmission Network Charge	1584	0				0	0				
RSVA - Retail Transmission Connection Charge	1586	0				0	0				(
RSVA - Power <sup>4</sup>	1588	0				0	0				(
RSVA - Global Adjustment <sup>4</sup>	1589	0				0	0				(
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0				0	0				(
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0				0	0				(
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	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				
RSVA - Global Adjustment	1589	0	(	) (	0	0	0	0	0	0	, ,
Total Group 1 Balance excluding Account 1589 - Global Adjustment		ō		) (	0	0	0	ō	0	0	,
Total Group 1 Balance		0	Ċ	) (	0	0	0	0	0	0	. (
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0					1
Total including Account 1568		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 sub-account are 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 field of the settlement requested for disposition starts with the activation of the contract of the settlement of the settle
- 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.

						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 Adjustments¹ 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		Fransactions 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			1,776,058	1,776,058	0
Smart Metering Entity Charge Variance Account	1551	0				0	0				C	0			(5,713)	(5,713)	0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0				0	0				C	0			(2,068,598)	(2,068,598)	0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				C	0			11,226	11,226	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	0				C	0			242,731	242,731	0
RSVA - Retail Transmission Network Charge	1584	0				0	0				C	0			(341,804)	(341,804)	0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				C	0			488,848	488,848	0
RSVA - Power <sup>4</sup>	1588	0				0	0				C	0			223,303	223,303	0
RSVA - Global Adjustment <sup>4</sup>	1589	0				0	0				C	0			1,175,831	1,175,831	0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0				0	0				C	0			(0)	(0)	0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0				0	0				C	0			(64,132)	(64,132)	0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	0				C	0			(7,072)	(7,072)	0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				C	0			695,318	695,318	0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0				0	0				C	0			0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0				0	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				0	0				C	0				0	0
RSVA - Global Adjustment	1589					0				0			0	0	1,175,831	1,175,831	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment	1303	0	0			0	0			0		o n	0	0	950,165	950,165	0
Total Group 1 Balance		Ĭ	0		. 0	0	0	. 0	0	0	0	o o	0	0	2,125,996	2,125,996	0
		-	-	-		-	-	_	-	-	-		-	-	-,,	_,,	-
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0	0			484,443	484,443	0
		1															
Total including Account 1568		0	0	0	0	0	0	0	0	0	C	0	0	0	2,610,439	2,610,439	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 sub-account are requested for disposition.

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- 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).

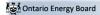
Please refer to the footnotes for further instructions.

Account Descriptions	Account Number	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			11,618	11,618
Smart Metering Entity Charge Variance Account	1551			(805)	(805)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580			(742)	(742)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580			36	36
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580			805	805
RSVA - Retail Transmission Network Charge	1584			1,823	1,823
RSVA - Retail Transmission Connection Charge	1586			12,706	12,706
RSVA - Power <sup>4</sup>	1588			21,302	21,302
RSVA - Global Adjustment <sup>4</sup>	1589			40,531	40,531
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				0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595				0
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	0	0	40,531	40,531
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	46,744	46,744
Total Group 1 Balance		0	0	87,275	87,275
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			10,186	10,186
Total including Account 1568		0	0	97,461	97,461

- 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 190x Account column. The subtle balance in the account is only to be disposed as year after the recovery future protein 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 produced threather, unless justified by the distributor.

- 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 field of the settlement requested for disposition starts with the activation of the settlement of the sett
- 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).

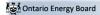
Please refer to the footnotes for further instructions.

						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	1,776,058	672,857	316,174		2,132,740	11,618	21,990	16,548		17,060	2,132,740	408,708	1,459,884		1,081,565	17,060
Smart Metering Entity Charge Variance Account	1551	(5,713)	(2,037)	(3,201)		(4,549)	(805)	(362)	(58)		(1,109)	(4,549)	(3,966)	(2,512)		(6,002)	(1,109)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(2,068,598)	(863,187)	(60,007)		(2,871,777)	(742)	(26,521)	(13,963)		(13,300)	(2,871,777)	(807,324)	(2,008,590)		(1,670,511)	(13,300)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	11,226	(11,226)			0	36	(36)			0	0	0	0		0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	242,731	31,423			274,155	805	2,705			3,510	274,155	(28,071)	242,731		3,353	3,510
RSVA - Retail Transmission Network Charge	1584	(341,804)	(44,960)	25,956		(412,720)	1,823	(3,436)	7,367		(8,980)	(412,720)	208,555	(367,759)		163,595	(8,980)
RSVA - Retail Transmission Connection Charge	1586	488,848	(22,941)	677,059		(211,152)	12,706	1,357	30,925		(16,862)	(211,152)	368,553	(188,211)		345,612	(16,862)
RSVA - Power <sup>4</sup>	1588	223,303	649,546	378,537	(18,303)	476,009	21,302	6,499	30,302		(2,501)	476,009	266,407	(155,234)	32,761	930,410	(2,501)
RSVA - Global Adjustment <sup>4</sup>	1589	1,175,831	998,571	1,761,560	(117,104)	295,738	40,531	1,723	51,111		(8,856)	295,738	146,981	(585,729)	(132,072)	896,376	(8,856)
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	(0)				(0)	0				0	(0)				(0)	0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	(64,132)	(25,263)	(115,634)		26,239	0				0	26,239	(6,989)			19,249	0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	(7,072)	(822)		822	(7,072)	0				0	(7,072)		(7,072)		(0)	0
Disposition and Recovery/Refund of Regulatory Balances (2015)3	1595	695.318	(666,207)			29,111	0				0	29.111	(5.518)			23,594	0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0	(2,658,347)	(4,003,963)		1,345,617	0				0	1,345,617	(1,209,751)			135,865	0
Disposition and Recovery/Refund of Regulatory Balances (2017)3	1595	0				0	0				0	0	883.849	1.371.570		(487,721)	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	0
RSVA - Global Adjustment	1589	1,175,831	998,571	1,761,560	(117,104)	295,738	40,531	1,723	51,111	0	(8,856)	295,738	146,981	(585,729)	(132,072)	896,376	(8,856)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		950,165	(2,941,165)	(2,785,080)	(17,480)	776,600	46,744	2,196	71,121	0	(22,182)	776,600	74,454	344,806	32,761	539,009	(22,182)
Total Group 1 Balance		2,125,996	(1,942,594)	(1,023,521)	(134,585)	1,072,338	87,275	3,919	122,232	0	(31,038)	1,072,338	221,435	(240,922)	(99,311)	1,435,384	(31,038)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	484,443	33,693	224,293	91,934	385,777	10,186	(3,282)	5,101	5,818	7,621	385,777	167,631	288,882	(117,858)	146,668	7,621
Total including Account 1568		2,610,439	(1,908,901)	(799,228)	(42,651)	1,458,115	97,461	637	127,333	5,818	(23,417)	1,458,115	389,066	47,960	(217,169)	1,582,052	(23,417)

- 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 sub-account are 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 field of the settlement requested for disposition starts with the activation of the settlement of the sett
- 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		F	rojected Interest	on Dec-31-17 Balances	3	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 Claim	As of Dec 31, 2017
Group 1 Accounts														
LV Variance Account	1550	15,716	16,482		16,294	672,857	14,011	408,708	2,283	7,725	2,575	12,582	421,290	1,097,859
Smart Metering Entity Charge Variance Account	1551	(389)	(784)		(714)	(2,037)	(358)	(3,966)	(356)	(75)	(25)	(456)	(4,421)	(6,716)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(22,942)	(16,238)		(20,004)	(863,187)	(14,792)	(807,324)	(5,212)	(15,258)	(5,086)	(25,556)	(832,880)	(1,687,206)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580				0	0	0	0	0	C	0	0	0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	810	4,365		(44)	31,423	413	(28,071)	(457)	(531)	(177)	(1,165)	(29,236)	3,308
RSVA - Retail Transmission Network Charge	1584	(573)	(10,937)		1,384	(44,960)	69					6,571	215,126	164,979
RSVA - Retail Transmission Connection Charge	1586	(51)	(20,980)		4,066	(22,941)	3,152					10,202	378,755	349,679
RSVA - Power <sup>4</sup>	1588	3,710	(11,277)		12,486	631,243	15,787	299,168	(3,301)	5,654	1,885	4,238	303,406	928,439
RSVA - Global Adjustment <sup>4</sup>	1589	21,154	(19,170)		31,467	881,467	18,752	14,909	12,716	282	94	13,092	28,000	1,177,020
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595				0			(0)	0	(0)	(0)	(0) Check to Dispose		0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595			3,747	3,747			19,249	3,747	364	121	4,232 Peck to Dispose	e of Account 23,482	19,249
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	104	104		0			(0)	0	(0)	(0)	(0) Check to Dispose		0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595			10,460	10,460			23,594	10,460	446	149	11,055 Deck to Dispose	e of Account 34,648	23,594
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595			19,221	19,221			135,865	19,221	2,568	856	22,645 Peck to Dispose	e of Account 158,510	135,865
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595			(6.378)	(6,378)			(487,721)	(6.378)	(9.218)	(3.073)	(18,668) Check to Dispose	e of Account 0	(487.721)
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	se of Account 0	
RSVA - Global Adjustment	1589	21,154	(19,170)	0	31,467	881.467	18,752	14.909	12,716	282	94	13.092	28.000	1,177,020
Total Group 1 Balance excluding Account 1589 - Global Adjustment	.000	(3.615)	(39,265)	27,050	40,519	402,398	18,282					25.680	668,681	538.022
Total Group 1 Balance		17,539	(58,435)	27,050		1,283,865	37,033					38,772	696,681	1,715,042
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	i I	5,712	4,143	6,052	0	0	146,668	6,052	C	0	6,052	152,720	266,435
Total including Account 1568		17,539	(52,723)	31,193	78,038	1,283,865	37,033	298,187	41,005	2,864	955	44,824	849,401	1,981,476

<sup>1</sup> 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 JOES 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 ballowses adjusted for the disposed ballowses approved by the OEB in the JOES 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 adjusted for the disposed interest ballows approved by the OEB in the 2018 size

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 recording of 1556 as the recorded in 10EB approved Disposition of cultum. The recorded passing the record is only to the disposition count in only to be disposition of on a final basis. No their dispositions of these accounts are permistly operated and the record in t

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.

<sup>4</sup> 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

<sup>5</sup> 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.

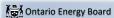
		Г
Account Descriptions	Account Number	Variance RRR vs. 2017 Balance (Principal + Interest)
Group 1 Accounts		
LV Variance Account	1550	1
Smart Metering Entity Charge Variance Account	1551	(
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	3,308
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	(0)
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(0)
RSVA - Retail Transmission Network Charge	1584	1
RSVA - Retail Transmission Connection Charge	1586	(0)
RSVA - Power <sup>4</sup>	1588	(14,457)
RSVA - Global Adjustment <sup>4</sup>	1589	249,177
Disposition and Recovery/Refund of Regulatory Balances (2012)3	1595	(
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	(3,747)
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	(
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	(10,460)
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	(19,221)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	6,378
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	C
RSVA - Global Adjustment	1589	249,177
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(41,505
Total Group 1 Balance		207,671
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	113,715
Total including Account 1568		321,386

- 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 190x Account column. The subtle balance in the account is only to be disposed as year after the recovery future protein 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 produced threather, unless justified by the distributor.

- 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 field of the settlement requested for disposition starts with the activation of the settlement of the sett
- 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.

1568 Account Balance from Continuity Schedule

Total Balance of Account 1568 in Column S matches the amount entered on the Continuity Schedule

Rate Class	Unit	Total Metered kWh	Total Metered	Metered kWh for Non-RPP Customers (excluding WMP)	RPP Customers	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1595 Recovery Proportion (2013) <sup>1</sup>	1595 Recovery Proportion (2015) <sup>1</sup>	1595 Recovery Proportion (2016) <sup>1</sup>	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	272,960,897	C	13,513,072	0	0	0	272,960,897	0	39%	32%	19%	39,666	36,780
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	113,926,044	C	21,428,377	0	0	0	113,926,044	0	29%	16%	11%	7,481	3,943
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	434,093,778	1,175,183	401,781,407	1,065,486	4,583,832	11681	429,509,946	1,163,502	28%	42%	68%	100,119	
LARGE USE SERVICE CLASSIFICATION	kW	36,169,526	180,462	36,169,526	180,462	0	0	36,169,526	180,462		8%	1%	2,968	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,348,221	C	90,457	0	0	0	1,348,221	0		0%	0%		
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	372,284	1,036	140,653	392	0	0	372,284	1,036		0%	0%		
STREET LIGHTING SERVICE CLASSIFICATION	kW	4,040,160	11,172	4,040,160	11,172	0	0	4,040,160	11,172	4%	2%	1%	2,486	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	28,192,492	84,246	28,192,492	84,246	0	0	28,192,492	84,246		0%			
STANDBY POWER SERVICE CLASSIFICATION	kW	0	C	0	0	0	0	0	0					
	Total	891,103,402	1,452,099	505,356,144	1,341,758	4,583,832	11,681	886,519,570	1,440,418	100%	100%	100%	152,720	40,723

#### 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 2U19 Filling 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.

\$849,401 \$696,681

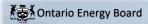
\$0.0008 Claim does not meet the threshold test.



<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.

<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	1595_(2013)	1595_(2015)	1595_(2016)	1568
RESIDENTIAL SERVICE CLASSIFICATION	30.6%	90.3%	30.8%	129,049	(3,993)	(265,447)	65,897	116,019	93,419	9,205	11,087	30,117	39,666
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	12.8%	9.7%	12.9%	53,861	(428)	(110,790)	27,503	48,423	38,990	6,810	5,544	17,436	7,481
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	48.7%	0.0%	48.4%	205,228	0	(417,686)	104,797	184,508	146,997	6,575	14,552	107,787	100,119
LARGE USE SERVICE CLASSIFICATION	4.1%	0.0%	4.1%	17,100	0	(35,174)	8,732	15,374	12,379	0	2,772	1,585	2,968
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	637	0	(1,311)	325	573	461	0	0	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	176	0	(362)	90	158	127	0	0	0	0
STREET LIGHTING SERVICE CLASSIFICATION	0.5%	0.0%	0.5%	1,910	0	(3,929)	975	1,717	1,383	939	693	1,585	2,486
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	3.2%	0.0%	3.2%	13,329	0	(27,416)	6,806	11,983	9,649	0	0	0	0
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0	0	0	0	0
Total	100.0%	100.0%	100.0%	421,290	(4,421)	(862,116)	215,126	378,755	303,406	23,528	34,648	158,510	152.720
TOTAL	100.0%	100.0%	100.0%	421,290	(4,421)	(002,110)	213,126	5/8,/55	503,406	23,528	34,048	158,510	132,720

<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.	(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)?	(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.)
_	Enter the number of transition customers you had during the period the	

3a	Account 1589 GA balance accumulated.	18	

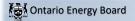
		L	201	
Customer	Rate Class		January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,921,466	1,629,695
		kW	3,986	3,673
		Class A/B	В	A
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,790,952	4,210,791
		kW	6,995	7,462
		Class A/B	В	A
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	5,825,782	6,079,454
		kW	11,705	12,986
		Class A/B	В	A
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,364,005	1,388,191
		kW	5,106	5,059
		Class A/B	В	A
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,957,831	3,661,841
		kW	4,951	9,964
		Class A/B	В	Α
Customer 6	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,610,218	2,788,942
		kW	5,603	6,921
		Class A/B	В	Α
Customer 7	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,163,509	3,436,717
		kW	9,217	9,952
		Class A/B	В	A
Customer 8	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,868,713	3,594,806
		kW	8,503	8,372
		Class A/B	В	A
Customer 9	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,436,983	1,458,311
		kW	4,013	3,867
		Class A/B	В	A
Customer 10	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	5,552,158	6,100,837
		kW	13,007	12,893
		Class A/B	В	Α
Customer 11	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,290,614	2,061,701
		kW	4,186	4,133
		Class A/B	В	Α
Customer 12	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,133,017	2,199,138
		kW	6,088	6,210
		Class A/B	В	Α
Customer 13	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	6,491,467	7,032,934
		kW	12,583	13,054
		Class A/B	В	Α
Customer 14	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	8,463,201	7,287,092
		kW	17,421	15,976
		Class A/B	В	Α
Customer 15	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	860,662	985,492
		kW	5,538	5,431
		Class A/B	В	A
Customer 16	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,125,403	1,199,923
		kW	5,010	4,891
		Class A/B	В	A
Customer 17	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,104,673	2,358,147
		kW	7,425	7,791
		Class A/B	В	A
Customer 18	EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh		24,300,393
		kW		75,108
		Class A/R	R	Δ

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).



Class A Customers - Billin	ng Determinants by Customer
Customer	Raf

class A customers - Billing Determinants by Customer										
Customer	Rate Class		2017							
Customer A1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	28,776,695							
		kW	486,525							
Customer A2	LARGE USE SERVICE CLASSIFICATION	kWh	27,903,813							
		kW	57,991							
Customer A3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	5,083,743							
		kW	33,852							



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

Year the Account 1589 GA Balance Last Disposed

2016

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

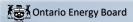
		Total	2017
Total Non-RPP Class B Consumption for Years During Balance Accumulation (Non-RPP Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or			
full year)	Α	361,817,489	361,817,489
Transition Customers' Class B Consumption (i.e. full year or partial			
year)	В	54,960,652	54,960,652
Transition Customers' Portion of Total Consumption	C=B/A	15 19%	

#### Allocation of Total GA Balance \$

Total GA Balance	D	\$ 28,000
Transition Customers Portion of GA Balance	E=C*D	\$ 4,253
GA Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	\$ 23,747

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	18					
Customer	Total Metered Consumption (kWh) for Transition Customers During the Period WhenThey Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2017		Customer Specific GA Allocation for the Period When They Were a Class B customer	Mon Equa Payr	
Customer 1	1,921,466	1,921,466	3.50%	\$ 149	\$	12
Customer 2	3,790,952	3,790,952	6.90%	\$ 293	\$	24
Customer 3	5,825,782	5,825,782	10.60%	\$ 451	\$	38
Customer 4	1,364,005	1,364,005	2.48%	\$ 106	\$	9
Customer 5	1,957,831	1,957,831	3.56%	\$ 152	\$	13
Customer 6	2,610,218	2,610,218	4.75%	\$ 202	\$	17
Customer 7	3,163,509	3,163,509	5.76%	\$ 245	\$	20
Customer 8	3,868,713	3,868,713	7.04%	\$ 299	\$	25
Customer 9	1,436,983	1,436,983	2.61%	\$ 111	\$	9
Customer 10	5,552,158	5,552,158	10.10%	\$ 430	\$	36
Customer 11	2,290,614	2,290,614	4.17%	\$ 177	\$	15
Customer 12	2,133,017	2,133,017	3.88%	\$ 165	\$	14
Customer 13	6,491,467	6,491,467	11.81%	\$ 502	\$	42
Customer 14	8,463,201	8,463,201	15.40%	\$ 655	\$	55
Customer 15	860,662	860,662	1.57%	\$ 67	\$	6
Customer 16	1,125,403	1,125,403	2.05%	\$ 87	\$	7
Customer 17	2,104,673	2,104,673	3.83%	\$ 163	\$	14
Customer 18	0	0	0.00%	\$ -	\$	-
Total	54,960,652	54,960,652	100.00%	\$ 4,253		



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

Rate Rider Recovery to be used below

		Total Metered Non-RPP 2017 Consumption excluding WMP	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 period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)		Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	13,513,072	. 0	0	13,513,072	4.4%	\$1,046	\$0.0001	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	21,428,377	0	0	21,428,377	7.0%	\$1,658	\$0.0001	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	401,781,407	33,860,438	112,434,664	255,486,305	83.3%	\$19,772	\$0.0001	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	36,169,526	27,903,813	0	8,265,713	2.7%	\$640	\$0.0001	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	90,457	0	0	90,457	0.0%	\$7	\$0.0001	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	140,653	0	0	140,653	0.0%	\$11	\$0.0001	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	4,040,160	0	0	4,040,160	1.3%	\$313	\$0.0001	kWh
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	28,192,492	. 0	24,300,393	3,892,099	1.3%	\$301	\$0.0001	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
	Total	505.356.144	61.764.251	136,735,057	306.856.836	100.0%	\$23,748		



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 B 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	В	was
ast 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

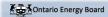
		Total	2017
Total Class B Consumption for Years During Balance Accumulation (Total Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A	742,980,915	742,980,915
Transition Customers' Class B Consumption (i.e. full year or partial year)	В	54,960,652	54,960,652
Transition Customers' Portion of Total Consumption	C=B/A	7.40%	688,020,263

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

Total CBR Class B Balance	D	-\$ 29,236
Transition Customers Portion of CBR Class B Balance	E=D*C	-\$ 2,163
CBR Class B Balance to be disposed to Current Class B Customers		
through Rate Rider	F=D-E	-\$ 27,073

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	17				
Customer	Total Metered Class B Consumption (kWh) for Trans Customers During the Period V They were Class B Customers		% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were a Class B Customer	Monthly Equal Payments
Customer 1	1,92	,466 1,921,466	3.50%	-\$ 76	-\$ 6
Customer 2	3,790	1,952 3,790,952	6.90%	-\$ 149	-\$ 12
Customer 3	5,82	5,782 5,825,782	10.60%	-\$ 229	-\$ 19
Customer 4	1,36-	,005 1,364,005	2.48%	-\$ 54	-\$ 4
Customer 5	1,95	7,831 1,957,831	3.56%	-\$ 77	-\$ 6
Customer 6	2,610	),218 2,610,218	4.75%	-\$ 103	-\$ 9
Customer 7	3,16	5,509 3,163,509	5.76%	-\$ 124	-\$ 10
Customer 8	3,868	3,868,713	7.04%	-\$ 152	-\$ 13
Customer 9	1,430	i,983 1,436,983	2.61%	-\$ 57	-\$ 5
Customer 10	5,552	,158 5,552,158	10.10%	-\$ 218	-\$ 18
Customer 11	2,290	,614 2,290,614	4.17%	-\$ 90	-\$ 8
Customer 12	2,13	,017 2,133,017	3.88%	-\$ 84	-\$ 7
Customer 13	6,49	,467 6,491,467	11.81%	-\$ 255	-\$ 21
Customer 14	8,46	,201 8,463,201	15.40%	-\$ 333	-\$ 28
Customer 15	86	),662 860,662	1.57%	-\$ 34	-\$ 3
Customer 16	1,12	,403 1,125,403	2.05%	-\$ 44	-\$ 4
Customer 17	2,10	,673 2,104,673	3.83%	-\$ 83	-\$ 7
Total	54,96		100.00%	-\$ 2,163	-\$ 180



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.

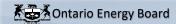
Please select the Year the Account 1580 CBR Class B was Last Disposed.

2016

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

		Total Metered 2017 C Minus WM		Total Metered 2017 Cons Class A customers that we the entire period CBR Cla accumulated	re Class A for ss B balance	Total Metered 2017 Consum that Transitioned Between C the period CBR Class B bal	lass A and B during	Metered Consumption for C Customers (Total Consumption A and Transition Customers	LESS WMP, Class	% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Uni
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	272,960,897	0	0	0	0	0	272,960,897	0	39.7%	(\$10,741)	\$0.0000	kW
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	113,926,044	0	0	0	0	0	113,926,044	0	16.6%	(\$4,483)	\$0.0000	kW
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	429,509,946	1,163,502	33,860,438	520,377	112,434,664	269,970	283,214,844	373,155	41.2%	(\$11,144)	\$0.0000	kW
LARGE USE SERVICE CLASSIFICATION	kWh	36,169,526	180,462	27,903,813	57,991	0	0	8,265,713	122,471	1.2%	(\$325)	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,348,221	0	0	0	0	0	1,348,221	0	0.2%	(\$53)	\$0.0000	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	372,284	1,036	0	0	0	0	372,284	1,036	0.1%	(\$15)	\$0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kWh	4,040,160	11,172	0	0	0	0	4,040,160	11,172	0.6%	(\$159)	\$0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	28,192,492	84,246	0	0	24,300,393	75,108	3,892,099	9,138	0.6%	(\$153)	\$0.0000	kW
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0	0	0	0	0.0%	\$0	\$0.0000	kW
	Total	886,519,570	1,440,418	61,764,251	578,368	136,735,057	345,078	688,020,262	516,972	100.0%	(\$27,073)	\$0.0000	

If the allocated Account 1580 sub-account CBR Class B amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is to transfer the entire OEB-approved CBR Class B amount into Account 1580 VMS control account to be disposed through the general purpose Group 1 DVA rate riders. (see Accounting Guldance, Capacity Based Recovery xxxxx, 2018)



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

				Total Metered	Total Metered	Allocation of Group 1	Account Balances to Non-	Deferral/Variance	Account Rate Rider for		
		Total Metered	Metered kW	kWh less WMP	kW less WMP	_		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) <sup>2</sup>	Rate Rider	Revenue Reconcila
RESIDENTIAL SERVICE CLASSIFICATION	kWh	272,960,897	0	272,960,897	0	185,354		0.0007	0.0000	0.0001	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	113,926,044	0	113,926,044	0	87,350		0.0008	0.0000	0.0001	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	434,093,778	1,175,183	429,509,946	1,163,502	623,447	(270,689)	0.5305	(0.2327)	0.0852	
LARGE USE SERVICE CLASSIFICATION	kW	36,169,526	180,462	36,169,526	180,462	22,767		0.1262	0.0000	0.0164	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,348,221	0	1,348,221	0	686		0.0005	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	372,284	1,036	372,284	1,036	189		0.1829	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	4,040,160	11,172	4,040,160	11,172	5,274		0.4721	0.0000	0.2225	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	28,192,492	84,246	28,192,492	84,246	14,350		0.1703	0.0000	0.0000	
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0		0.0000	0.0000	0.0000	

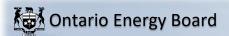
678,160.42

Deferral/Variance

Allocation of Group 1

<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.

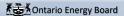
<sup>&</sup>lt;sup>2</sup> Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column G and disposed through a combined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



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

For the 2016 year, enter any Tax Credits from the Cost of Service Tax Calculation

(Positive #)		51,000		
1. Tax Related Amounts Forecast from Capital Tax Rate Changes		2016		2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)		86,380,208	\$	86,380,208
Deduction from taxable capital up to \$15,000,000	\$	-	\$	-
Net Taxable Capital	\$	86,380,208	\$	86,380,208
Rate		0.00%		0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$	-	\$	-
2. Tax Related Amounts Forecast from Income Tax Rate Changes Regulatory Taxable Income	\$	530,144	\$	530,144
	٦	·	Ą	
Corporate Tax Rate		26.50%		26.50%
Tax Impact	\$	140,488	\$	89,488
Grossed-up Tax Amount	\$	121,752	\$	121,753
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$	-	\$	-
Tax Related Amounts Forecast from Income Tax Rate Changes	\$	121,752	\$	121,753
Total Tax Related Amounts	\$	121,752	\$	121,753
Incremental Tax Savings			\$	1
Sharing of Tax Amount (50%)			\$	0

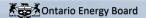


Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H.

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 kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh											0.007	0.007	0.007	0.007
								U	U	U	U	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
LARGE USE SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STANDBY POWER 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	272,960,897		0	0.00	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION kWh	113,926,044		0	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION kW	434,093,778	1,175,183	0	0.0000	kW
LARGE USE SERVICE CLASSIFICATION kW	36,169,526	180,462	0	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION kWh	1,348,221		0	0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION kW	372,284	1,036	0	0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION kW	4,040,160	11,172	0	0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION kW	28,192,492	84,246	0	0.0000	kW
STANDBY POWER SERVICE CLASSIFICATION kW			0	0.0000	kW
Total	891,103,402	1,452,099	\$0		

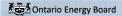


Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes in your manager's summary. As well, the Loss Factor has been imported from Tab 2.

		Unit	Rate	Non-Loss Adjusted Metered	Non-Loss Adjusted	Applicable	Loss Adjusted
Rate Class	Rate Description			kWh	Metered kW	Loss Factor	Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	272,960,897	0	1.0432	284,752,808
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	272,960,897	0	1.0432	284,752,808
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	113,926,044	0	1.0432	118,847,649
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	113,926,044	0	1.0432	118,847,649
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6031	434,093,778	1,175,183		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1767	434,093,778	1,175,183		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7620	36,169,526	180,462		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.3930	36,169,526	180,462		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	1,348,221	0	1.0432	1,406,464
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	1,348,221	0	1.0432	1,406,464
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9122	372,284	1,036		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6359	372,284	1,036		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8926	4,040,160	11,172		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5978	4,040,160	11,172		
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6031	28,192,492	84,246		
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1767	28,192,492	84,246		

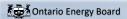


Uniform Transmission Rates	Unit	2017		2018	2019
Rate Description		Rate		Rate	Rate
Network Service Rate	kW	\$	3.66	\$ 3.61	\$ 3.61
Line Connection Service Rate	kW	\$	0.87	\$ 0.95	\$ 0.95
Transformation Connection Service Rate	kW	\$	2.02	\$ 2.34	\$ 2.34
Hydro One Sub-Transmission Rates	Unit	2017		2018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



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.

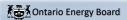
IESO		Network		Li	ne Connect	ion	Transfo	mation Co	nnection	Total	Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	75.988	\$3.66	\$ 278.116	78.732	\$0.87	\$ 68,497	78.732	\$2.02	\$ 159,039	s	227.535
February	72.860	\$3.66	\$ 266,668	74,319	\$0.87	\$ 64,658	74.319	\$2.02	\$ 150,124	\$	214,782
March	69,724	\$3.66	\$ 266,668 \$ 255,190	72,627	\$0.87	\$ 63,185	72,627	\$2.02	\$ 146,707	\$	209,892
April	66.771	\$3.66	\$ 244,382	68,429	\$0.87	\$ 59,533	68,429	\$2.02	\$ 138,227	\$	197,760
May	63.924	\$3.66	\$ 233,962	65,976	\$0.87	\$ 57,399	65.976	\$2.02	\$ 133,272	Š	190,671
June	82.890	\$3.66	\$ 303,377	85,738	\$0.87	\$ 74,592	85.738	\$2.02	\$ 173,191	\$	247.783
July	97.631	\$3.66	\$ 357,329	105.465	\$0.87	\$ 91.755	105.465	\$2.02	\$ 213,039	s	304.794
August	107.292	\$3.66	\$ 392,689	118.885	\$0.87	\$ 103,430	118.885	\$2.02	\$ 240,148	Š	343,578
September	121.068	\$3.66	\$ 443,109	126.792	\$0.87	\$ 110,309	126,792	\$2.02	\$ 256,120	Š	366.429
October	95.886	\$3.66	\$ 350.943	98.440	\$0.87	\$ 85,643	98,440	\$2.02	\$ 198,849	Š	284.492
November	89.181	\$3.52	\$ 313.917	96.705	\$0.88	\$ 85,100	96,705	\$2.13	\$ 205,982	Š	291.082
December	92,118	\$3.52	\$ 324,255	98,210	\$0.88	\$ 86,425	98.210	\$2.13	\$ 209,187	s	295,612
		• • • •									
Total Hydro One	1,035,333 \$	3.64	\$ 3,763,937	1,090,318	\$ 0.87	\$ 950,526	1,090,318	\$ 2.04	\$ 2,223,883	\$	3,174,409 Connection
		Network		LI	ne connect	ion	Hansio	mation co	mection		
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	4	Amount
January	61,225	\$3.1942	\$ 195,565	54,719	\$0.7710	\$ 42,188	50,175	\$1.7493	\$ 87,770	\$	129,958
February	65,245	\$3.1942	\$ 208,404	53,747	\$0.7710	\$ 41,439	54,090	\$1.7493	\$ 94,619	\$	136,058
March	54,640	\$3.1942	\$ 174,532	49,850	\$0.7710	\$ 38,435	44,471	\$1.7493	\$ 77,792	\$	116,227
April	70,446	\$3.1942	\$ 225,017	65,286	\$0.7710	\$ 50,335	59,438	\$1.7493	\$ 103,976	\$	154,311
May	68,931	\$3.1942	\$ 220,180	67,170	\$0.7710	\$ 51,788	57,491	\$1.7493	\$ 100,569	\$	152,357
June	88,138	\$3.1942	\$ 281,530	84,950	\$0.7710	\$ 65,497	74,139	\$1.7493	\$ 129,692	\$	195,189
July	90.380	\$3,1942	\$ 288,692	88.243	\$0.7710	\$ 68.035	77.261	\$1,7493	\$ 135,153	Š	203,188
August	93,665	\$3.1942	\$ 299,186	85.107	\$0.7710	\$ 65,618	78,779	\$1.7493	\$ 137.807	Š	203,100
September	69.885	\$3.1942	\$ 223,228	66.603	\$0.7710	\$ 51.351	55.052	\$1.7493	\$ 96.302	Š	147.653
October	54,510	\$3.1942	\$ 174,116	52,682	\$0.7710	\$ 40,618	41.757	\$1.7493	\$ 73,046	Š	113,664
November	52,746	\$3.1942	\$ 168,481	50,399	\$0.7710	\$ 38,858	46,911	\$1.7493	\$ 82,062	\$	120,919
November December	52,746 61,799	\$3.1942 \$3.1942	\$ 168,481 \$ 197,399	50,399 54,184	\$0.7710	\$ 38,858 \$ 41,776	46,911 48,982	\$1.7493	\$ 82,062 \$ 85,685	\$ \$	120,919
Total	831,610 \$	3.1942	\$ 2.656.329	772.939	\$ 0.7710	\$ 595,936	688.546	\$ 1.7493	\$ 1,204,473	\$	1,800,409
	831,010 \$		\$ 2,000,329		•			•	\$ 1,204,473		
Add Extra Host Here (I)		Network		Li	ne Connect	ion	Transfo	mation Co	nnection	Total	Connection
(if needed) Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	4	Amount
January	S				S -			S -		s	
February	Š				š -			š -		Š	
March	\$				s .			\$ -		\$	
April	\$				s -			\$ -		\$	
	3							\$ - \$ -		3	
May	\$	-			\$ -					\$	
June	\$				\$ -			\$ -		\$	
July	\$	-			\$ -			\$ -		\$	-
August	\$				\$ -			\$ -		\$	
September	\$	-			\$ -			\$ -		\$	
October	\$				\$ -			\$ -		\$	
November	\$				\$ -			\$ -		\$	-
December	\$				\$ -			\$ -		\$	-
Total	- \$		\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$	
Add Extra Host Here (II)		Network		Li	ne Connect	ion	Transfo	mation Co	nnection	Total	Connection
(if needed) Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
Month	Onits Billed	Kate	Amount	Chits Billed	Kate	Amount	Onits Billed	Kate	Amount	-	Amount
January	\$				S -			s -		\$	
February	\$				s -			\$ -		\$	
March	\$				š -			š -		\$	
April	\$				s -			\$ -		\$	
May	\$ \$				e .			\$ - \$ -		\$	
lvidy	S				3 -			÷ .		\$	
June	\$ \$				3 .			\$ - \$ -		\$	-
July					3 .					\$	-
August	\$				÷ .			\$ -			-
September	\$				\$ -			\$ -		\$	-
October	\$	-			\$ -			\$ -		\$	-
November	\$	-			\$ -			\$ -		\$	-
December	\$	-			\$ -			\$ -		\$	-
Total	- \$		\$ -		\$ -	\$ -	<del></del>	\$ -	\$ -	\$	
Total		Network		Li	ne Connect	ion	Transfo	mation Co	nnection	Total	Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	137.213 \$	3 4522	\$ 473,681	133.451	\$ 0.8294	\$ 110.685	128.907	\$ 1.9146	\$ 246.809	s	357 494
February	138,105 \$	3.4399	\$ 475,001	128.066	\$ 0.8285	\$ 106.096	128,907	\$ 1.9060	\$ 244,743	s s	350.840
March	124.364 \$	3.4553	\$ 429,722	122,477	\$ 0.8297	\$ 100,090	117.098	\$ 1.9000	\$ 224,499	\$	326,119
April	137.217 \$	3.4209	\$ 469,399	133,715	\$ 0.8297	\$ 101,820	127.867	\$ 1.8942	\$ 242,202	s S	352.071
	132,855 \$	3.4183	\$ 454,141	133,715	\$ 0.8201	\$ 109,009	123,467	\$ 1.8940	\$ 233.841	s S	343.028
		3.4183	\$ 454,141	133,146	\$ 0.8201	\$ 109,187	123,467	\$ 1.8940	\$ 233,841	\$ \$	343,028 442,971
May	474.000 0	3.4200		170,688	\$ 0.8207	\$ 140,089 \$ 159,790	159,877 182,726	\$ 1.8945 \$ 1.9055	\$ 302,883 \$ 348,192	\$ \$	442,971 507.982
June	171,028 \$	2 4204		193,708			182,726 197,664				507,982 547.003
June July	188,011 \$	3.4361	\$ 646,022								
June July August	188,011 \$ 200,957 \$	3.4429	\$ 691,874	203,992	\$ 0.8287	\$ 169,048		\$ 1.9121	\$ 377,955	\$	
June July August September	188,011 \$ 200,957 \$ 190,953 \$	3.4429 3.4895	\$ 691,874 \$ 666,337	193,395	\$ 0.8359	\$ 161,660	181,844	\$ 1.9380	\$ 352,422	\$	514,082
June July August September October	188,011 \$ 200,957 \$ 190,953 \$ 150,396 \$	3.4429 3.4895 3.4912	\$ 691,874 \$ 666,337 \$ 525,058	193,395 151,122	\$ 0.8359 \$ 0.8355	\$ 161,660 \$ 126,260	181,844 140,197	\$ 1.9380 \$ 1.9394	\$ 352,422 \$ 271,895	\$	514,082 398,155
June July August September October November	188,011 \$ 200,957 \$ 190,953 \$ 150,396 \$ 141,927 \$	3.4429 3.4895 3.4912 3.3989	\$ 691,874 \$ 666,337 \$ 525,058 \$ 482,398	193,395 151,122 147,104	\$ 0.8359 \$ 0.8355 \$ 0.8427	\$ 161,660 \$ 126,260 \$ 123,958	181,844 140,197 143,616	\$ 1.9380 \$ 1.9394 \$ 2.0056	\$ 352,422 \$ 271,895 \$ 288,043	\$ \$ \$	514,082 398,155 412,001
June July August September October	188,011 \$ 200,957 \$ 190,953 \$ 150,396 \$	3.4429 3.4895 3.4912	\$ 691,874 \$ 666,337 \$ 525,058	193,395 151,122	\$ 0.8359 \$ 0.8355	\$ 161,660 \$ 126,260	181,844 140,197	\$ 1.9380 \$ 1.9394	\$ 352,422 \$ 271,895	\$	514,082 398,155
June July August September October November December	188,011 \$ 200,957 \$ 190,953 \$ 150,396 \$ 141,927 \$ 153,917 \$	3.4429 3.4895 3.4912 3.3989 3.3892	\$ 691,874 \$ 666,337 \$ 525,058 \$ 482,398 \$ 521,654	193,395 151,122 147,104 152,394	\$ 0.8359 \$ 0.8355 \$ 0.8427 \$ 0.8412	\$ 161,660 \$ 126,260 \$ 123,958 \$ 128,201	181,844 140,197 143,616 147,192	\$ 1.9380 \$ 1.9394 \$ 2.0056 \$ 2.0033	\$ 352,422 \$ 271,895 \$ 288,043 \$ 294,872	\$ \$	514,082 398,155 412,001 423,073
June July August September October November	188,011 \$ 200,957 \$ 190,953 \$ 150,396 \$ 141,927 \$	3.4429 3.4895 3.4912 3.3989	\$ 691,874 \$ 666,337 \$ 525,058 \$ 482,398 \$ 521,654	193,395 151,122 147,104 152,394	\$ 0.8359 \$ 0.8355 \$ 0.8427 \$ 0.8412	\$ 161,660 \$ 126,260 \$ 123,958 \$ 128,201 \$ 1,546,462	181,844 140,197 143,616 147,192	\$ 1.9380 \$ 1.9394 \$ 2.0056 \$ 2.0033 \$ 1.93	\$ 352,422 \$ 271,895 \$ 288,043 \$ 294,872 \$ 3,428,356	\$	514,082 398,155 412,001
June July August September October November December	188,011 \$ 200,957 \$ 190,953 \$ 150,396 \$ 141,927 \$ 153,917 \$	3.4429 3.4895 3.4912 3.3989 3.3892	\$ 691,874 \$ 666,337 \$ 525,058 \$ 482,398 \$ 521,654	193,395 151,122 147,104 152,394	\$ 0.8359 \$ 0.8355 \$ 0.8427 \$ 0.8412	\$ 161,660 \$ 126,260 \$ 123,958 \$ 128,201 \$ 1,546,462	181,844 140,197 143,616 147,192	\$ 1.9380 \$ 1.9394 \$ 2.0056 \$ 2.0033 \$ 1.93	\$ 352,422 \$ 271,895 \$ 288,043 \$ 294,872 \$ 3,428,356 dit (if applicable)	\$ \$	514,082 398,155 412,001 423,073



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

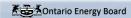
IESO		Network		Lir	e Connection	l .	Transfo	rmation Cor	nnection	Total	Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January February	75,988 \$ 72,860 \$	3.6100 S	\$ 274,317 \$ 263,025	78,732 74,319	\$ 0.9500 \$ \$ 0.9500 \$	74,795 70,603	78,732 74,319	\$ 2.3400 \$ 2.3400	\$ 184,233 \$ 173,906	\$ \$	259,028 244,510
March	69,724 \$		\$ 263,025 \$ 251,704		\$ 0.9500 \$		74,319	\$ 2.3400	\$ 169,947	\$	238,943
April	66,771 \$		\$ 241,043		\$ 0.9500 \$	65,008	68,429	\$ 2.3400	\$ 160,124	\$	225,131
May	63.924 \$		\$ 230,766		\$ 0.9500 \$	62,677	65,976	\$ 2.3400	\$ 154,384	\$	217,061
June	82,890 \$	3.6100	\$ 299,233		\$ 0.9500 \$	81,451	85,738	\$ 2.3400	\$ 200,627	\$	282,078
July	97,631 \$	3.6100	\$ 352,448	105,465	\$ 0.9500 \$	100,192	105,465	\$ 2.3400	\$ 246,788	\$	346,980
August	107,292 \$	3.6100			\$ 0.9500 \$		118,885	\$ 2.3400	\$ 278,191	\$	391,132
September	121,068 \$	3.6100	\$ 437,055	126,792	\$ 0.9500 \$ \$ 0.9500 \$	120,452	126,792	\$ 2.3400	\$ 296,693	\$	417,146
October	95,886 \$	3.6100			\$ 0.9500 \$	93,518	98,440	\$ 2.3400	\$ 230,350	\$	323,868
November December	89,181 \$ 92,118 \$	3.6100 S			\$ 0.9500 \$ \$ 0.9500 \$	91,870 93,300	96,705 98,210	\$ 2.3400 \$ 2.3400	\$ 226,290 \$ 229,811	\$ \$	318,159 323,111
Total	1,035,333 \$	3.61	\$ 3,737,552	1,090,318	\$ 0.95 \$		1,090,318	\$ 2.34	\$ 2,551,344	\$	3,587,146
Hydro One		Network		Lir	ne Connection		Transfo	rmation Cor	nnection	Total	Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	61.225 \$	3.1942	\$ 195.565	54.719	\$ 0.7710 \$	42.188	50.175	\$ 1.7493	\$ 87.770	s	129.958
February	65,245 \$	3.1942			\$ 0.7710 \$		54,090	\$ 1.7493	\$ 94.619	\$	136.05
March	54.640 \$						44.471	\$ 1.7493	\$ 77,792		116.22
April	70.446 \$	3.1942	\$ 174,532 \$ 225,017		\$ 0.7710 \$ \$ 0.7710 \$	50.335	59.438	\$ 1.7493	\$ 103.976	\$ \$	154.31
Mav	68.931 \$	3.1942	\$ 220,179		\$ 0.7710 \$	51.788	57.491	\$ 1.7493	\$ 100,569	š	152,35
June	88.138 \$	3.1942			\$ 0.7710 \$		74.139	\$ 1.7493	\$ 129,692	\$	195.18
July	90,380 \$	3,1942	\$ 288,692				77,261	\$ 1.7493	\$ 135,153	\$	203,18
August	93,665 \$	3.1942	\$ 299,186		\$ 0.7710 \$	65,618	78,779	\$ 1.7493	\$ 137,807	\$	203,42
September	69,885 \$	3.1942	\$ 223,228		\$ 0.7710 \$	51,351	55,052	\$ 1.7493	\$ 96,302	\$	147,65
October	54,510 \$	3.1942	\$ 174,116	52,682	\$ 0.7710 \$	40,618	41,757	\$ 1.7493	\$ 73,046	\$	113,66
November	52,746 \$		\$ 168,481	50,399	\$ 0.7710 \$	38,858	46,911	\$ 1,7493	\$ 82,062	Š	120,91
December	61,799 \$	3.1942	\$ 197,398	54,184	\$ 0.7710 \$	41,776	48,982	\$ 1.7493	\$ 85,685	\$	127,46
Total	831,610 \$	3.19	\$ 2,656,329	772,939	\$ 0.77 \$	595,936	688,546	\$ 1.75	\$ 1,204,473	\$	1,800,41
Add Extra Host Here (I)		Network		Lir	e Connection		Transfo	rmation Cor	nnection	Total	Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	- \$ - \$	- 5	\$ -	-	\$ - \$	-	-	\$ -	\$ -	\$	
February	- \$	- 5	\$ -	-	\$ - \$		-	\$ -	\$ -	\$	-
March	- \$	- 5	\$ -		\$ - \$	-	-	\$ -	\$ -	\$	-
April	- \$	- 5	\$ -		\$ - \$	-	-	\$ -	\$ -	\$	-
May	- \$	- 5	\$ - \$ -		\$ - \$	-		\$ -	\$ -	\$	-
June	- \$	- 5	\$-		\$ - \$			\$ -	\$ -	\$	-
July	- \$	- 5	\$ -		\$ - \$	-		\$ -	\$ -	\$	-
August	- \$	- 5			\$ - \$	-		\$ -	\$ -	\$	-
September	- \$	- 3	\$ -	-	\$ - \$	-	-	\$ -	\$ -	\$	-
October	- \$	- 5			\$ - \$			\$ -	\$ -	\$	-
November	- \$	- 5	\$ -		\$ - \$		-	\$ -	\$ -	\$	-
December	- \$	- :	\$ -	-	\$ - \$	-	-	\$ -	\$ -	\$	
Total	- \$	- (	\$ -		\$ - \$			\$ -	\$ -	\$	-
Add Extra Host Here (II)		Network			e Connection			rmation Cor	nnection	Total	Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	4	Amount
January	- \$	- 5	\$ -		\$ - \$			\$ -	\$ -	\$	-
February	- \$	- 5	\$ -	-	\$ - \$	-		\$ -	\$ -	\$	-
March	- \$	- 5	\$ -		\$ - \$	-		\$ -	\$ -	\$	
April	- \$	- :	\$-		\$ - \$		-	\$ -	\$ -	\$	-
			\$ -	_							-
May	- \$	- ;	Ψ		\$ - \$		-	\$ -	\$ -	\$	
June	- \$	- 5	\$ -		\$ - \$	-	:	\$ -	\$ -	\$	-
June July	- \$ - \$	- 3	\$ - \$ -		\$ - \$ \$ - \$	-	:	\$ - \$ -	\$ - \$ -	\$	
June July August	- \$ - \$ - \$	- S	\$ - \$ - \$ -	-	\$ - \$ \$ - \$ \$ - \$	- - -	- - -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ \$ \$	-
June July August September	- \$ - \$ - \$ - \$	- S - S - S	\$ - \$ - \$ - \$ -	- - -	\$ - \$ \$ - \$ \$ - \$ \$ - \$	- - - -	- - -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ \$ \$	-
June July August September October	- \$ - \$ - \$ - \$	- S - S - S	\$ - \$ - \$ - \$ - \$ -	- - - -	\$ - \$ \$ - \$ \$ - \$ \$ - \$	- - - - - -	- - - -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$	
June July August September October November	- \$ - \$ - \$ - \$ - \$	- S - S - S - S	\$ - \$ - \$ - \$ - \$ - \$ -	: : : :	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	- - - - - -	· · · ·	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$	
June July August September October November December	- \$ - \$ - \$ - \$ - \$ - \$	- 8 - 8 - 8 - 8	\$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ - \$ 5 - \$ 5 - \$ 5 - \$ 5 -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$	-
June July August September October November	- \$ - \$ - \$ - \$ - \$	-	\$ - \$ - \$ - \$ - \$ - \$ -	:	\$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$		:	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$	-
June July August September October November December Total	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- (	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lir	\$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$	Connection
June July August September October November December	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$	- :	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ \$ - \$	Amount	Transfo Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$	Connection
June July August September October November December Total Total Month January	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$	Amount 116,983	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - <b>Rate</b>	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 272,003	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 388,98
June July August September October November December Total Total Month January February	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lir Units Billed	\$ - \$ \$ - \$	Amount 5 116,983 5 112,042	Units Billed 128,907 128,409	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 2.1101 \$ 2.0912	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S S S S S S S S S S S	Amount 388,98 380,56
June July August September October November December Total Total Month January February March	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$	Network Rate  3.4245 \$ 3.4426 \$ 3.44273 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 133,456 122,477	\$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount  6 116,983 110,042 110,7430	Units Billed 128,907 128,409 117,098	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 2.1101 \$ 2.0912 \$ 2.1157	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S S S S S S S S S S S	388,98 380,56 355,11
June July August September October November December  Total  Total  Month January February March April	- \$ \$ - \$ \$ . \$ . \$	Network  Rate  3.4245 3.4136 3.4273 3.3995	Amount \$ 469.882 \$ 471,429 \$ 466.061	Units Billed 133,451 128,066 122,477 133,718	\$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount  6 116,983 110,042 110,7430	Units Billed 128,907 128,409 117,098 127,867	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388,98 380,56 355,17 379,44
June July August September October November December  Total  Total  Month January February March April May	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$	Network  Rate  3.4245 3.4136 3.4273 3.3965 3.3943	Amount  469,882 471,429 426,236 466,061 409,945	Units Billed 133,451 128,066 122,477 133,715 133,145	\$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount  116,983 5 112,042 5 107,430 5 115,343 5 114,465	Units Billed 128,907 128,409 117,098 127,867 123,467	\$ - \$ - \$ - \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388,98 380,56 355,17 379,44 369,4
June July August September October November December  Total  Total  Month  January February March April May June	- \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$		Amount  \$ 469.882 471,429 \$ 466.061 \$ 466.061 \$ 450.945 \$ 580.763	Units Billed 133,451 128,066 122,477 133,715 133,146 170,088	\$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount  6 116,983 112,042 107,430 115,343 114,465 114,465 114,465	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388,98 380,56 355,17 379,44 369,4 477,26
June July August September October November December  Total  Total  Month January February March April May June July	- \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ 138,105 \$ \$ 138,105 \$ \$ 137,217 \$ \$ 132,664 \$ \$ 137,217 \$ \$ 132,655 \$ \$ 171,028 \$ \$ 188,011 \$	Network  Rate  3.4245 3.4136 3.4273 3.3965 3.3943 3.3957 3.4101	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 133,451 129,066 122,477 133,146 170,688 193,708	\$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount  116,983 5 112,042 5 107,430 6 114,465 6 146,948 6 146,948 6 148,948	128,907 128,409 117,098 127,867 123,467 159,877 182,726	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388,98 380,56 355,17 379,44 369,4' 477,26 550,16
June July August September October November December  Total  Total  Month  January February March Aoril May June July August	- \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$	Network  Rate  3.4245 3.4136 3.4273 3.3965 3.3943 3.3957 3.4101	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 133,451 128,066 122,477 133,715 133,146 170,688 193,708 203,992	\$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount  116,983 5 112,042 5 107,430 6 114,465 6 146,948 6 146,948 6 148,948	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664	\$ - \$ - \$ - \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388,9 380,5 355,1 379,4 369,4 477,2 550,1 594,5
June July August September October November December  Total  Total  Month January February March April May June July August September	- \$ \$ 138,105 \$ 5 124,364 \$ 137,217 \$ 132,855 \$ 171,028 \$ 132,855 \$ 171,028 \$ 132,855 \$ 179,953 \$ 188,011 \$ 200,957 \$ 199,953	Network  Rate  3.4245 3.4366 3.4273 3.3965 3.3943 3.39943 3.4101 3.4162 3.4578	Amount \$ 469.882 \$ 469.882 \$ 426.236 \$ 450.945 \$ 686.510 \$ 686.510	Units Billed  133,451 128,066 122,477 133,146 170,688 193,708 203,992 193,395	\$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$	Amount  5 116,983 5 117,430 6 114,465 6 146,948 6 146,948 6 148,27 7 178,558 6 171,803	Units Billed  128,907  128,409  117,098  127,867  123,467  182,726  197,664  181,844	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388,9 380,5 355,1 379,4 369,4 477,2 550,1 594,5 564,7
June July August September October November December  Total  Total  Month January February March April May June July August September October	- \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ -	Network  Rate  3.4245 3.4136 3.4273 3.3965 3.3943 3.3957 3.4101 3.4162 3.4578 3.4593	Amount \$ 469,882 \$ 471,429 \$ 466,061 \$ 466,061 \$ 450,945 \$ 580,763 \$ 641,140 \$ 580,763 \$ 686,510 \$ 580,763	Units Billed 133,451 128,666 122,477 133,715 133,146 170,688 193,708 203,992 193,395 151,122	\$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$	Amount  116,983 112,042 107,430 115,443 114,465 146,984 168,227 178,058 171,803	Units Billed  128,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664 181,844 140,197	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388,9 380,5 355,1 379,4 369,4 477,2 550,1 594,5 564,7 437,5
June July August September October November December  Total  Month January February March Aoril May June July August September October November	- \$ \$ . \$ . \$ \$ . \$	Network  Rate  3.4245 3.4136 3.4273 3.3965 3.3943 3.3957 3.4101 3.4162 3.4578 3.4593 3.4593 3.4555	Amount \$ 469.882 \$ 469.882 \$ 426.236 \$ 450.945 \$ 660.01 \$ 666.01 \$ 660.283 \$ 520.264 \$ 520.284 \$ 490.424	Units Billed  133,456 122,477 133,146 170,688 193,708 203,992 193,395 151,122 147,104	\$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 116,883 112,042 107,430 115,343 114,485 146,948 168,227 178,858 171,803 134,136	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664 181,844 140,197	\$ - \$ - \$ - \$ - \$ - \$ - \$ \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388,94 380,56 355,11 379,44 369,4: 477,26 550,16 594,5: 564,7; 437,5:
June July August September October November December  Total  Total  Month January February March April May June July August September October	- \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ -	Network  Rate  3.4245 3.4136 3.4273 3.3965 3.3943 3.3957 3.4101 3.4162 3.4578 3.4593	Amount \$ 469,882 \$ 469,882 \$ 466,061 \$ 466,061 \$ 466,061 \$ 466,061 \$ 686,510 \$ 686,510 \$ 686,510 \$ 680,283 \$ 520,284 \$ 490,424	Units Billed  133,456 122,477 133,146 170,688 193,708 203,992 193,395 151,122 147,104	\$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$	Amount 116,883 112,042 107,430 115,343 114,485 146,948 168,227 178,858 171,803 134,136	Units Billed  128,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664 181,844 140,197	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388,98 380,56 355,17 379,44 369,4
June July August September October November December  Total  Month January February March Aoril May June July August September October November	- \$ \$ . \$ . \$ \$ . \$	Network  Rate  3.4245 3.4136 3.4273 3.3965 3.3943 3.3957 3.4101 3.4162 3.4578 3.4593 3.4555 3.4431	Amount \$ 469.882 \$ 469.882 \$ 426.236 \$ 450.945 \$ 660.01 \$ 666.01 \$ 660.283 \$ 520.264 \$ 520.284 \$ 490.424	Units Billed 133,451 120,666 122,477 133,146 170,688 193,708 203,992 193,395 151,122 147,704 152,394	\$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 116,883 112,042 107,7430 114,465 146,948 168,227 178,558 178,103 134,136 130,727 130,727 179,558 134,136 130,727 178,558 134,136 134,136 130,727 178,558 134,136 134,13	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664 181,844 140,197	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388,94 380,56 355,11 379,44 369,4: 477,26 550,16 594,5: 564,7; 437,5:
June July August September October November December  Total  Month  January February March April May June July August September October November December	- \$ \$ . \$ . \$ \$ . \$ . \$ \$ .	Network  Rate  3.4245 3.4136 3.4273 3.3965 3.3943 3.3957 3.4101 3.4162 3.4578 3.4593 3.4555 3.4431	Amount \$ 469,882 \$ 471,429 \$ 426,236 \$ 450,945 \$ 460,01 \$ 460,01 \$ 460,01 \$ 460,01 \$ 450,945 \$ 520,264 \$ 520,264 \$ 490,424 \$ 529,944	Units Billed  133,451 128,066 122,477 133,146 170,688 193,708 203,992 193,395 151,122 147,704 152,394	\$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$	Amount 116,883 112,042 107,430 115,343 114,465 146,948 168,227 178,558 171,803 134,136 130,727 135,075	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664 181,844 140,197 143,616	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388,9 380,5 355,1 379,4 369,4 477,2 550,1 594,5 564,7 437,5 439,0 450,5
June July August September October November December  Total  Total  Month  January February March April May June July August September October November December	- \$ \$ . \$ . \$ \$ . \$ . \$ \$ .	Network  Rate  3.4245 3.4136 3.4273 3.3965 3.3943 3.3957 3.4101 3.4162 3.4578 3.4593 3.4555 3.4431	Amount \$ 469,882 \$ 471,429 \$ 426,236 \$ 450,945 \$ 460,01 \$ 460,01 \$ 460,01 \$ 460,01 \$ 450,945 \$ 520,264 \$ 520,264 \$ 490,424 \$ 529,944	Units Billed  133,451 128,066 122,477 133,146 170,688 193,708 203,992 193,395 151,122 147,704 152,394	\$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$	Amount 116,883 112,042 107,430 115,343 114,485 146,948 146,948 171,803 174,136 174,136 130,727 135,075 1,631,738	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664 181,844 140,197 143,616 147,192	\$ - \$ - \$ - \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	388, 380, 355, 379, 369, 477, 550, 594, 437, 439, 450,

13. RTSR - Current Wholesal



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		Lit	ne Connection	n	Transfo	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	75,988	\$ 3.6100		78,732	\$ 0.9500	\$ 74,795	78,732		\$ 184,233	\$ 259,028
February March	72,860	\$ 3.6100	\$ 263,025 \$ 251,704	74,319	\$ 0.9500 S	\$ 70,603	74,319	\$ 2.3400	\$ 173,906	\$ 244,510 \$ 238,943
March April	69,724 66,771	\$ 3.6100 \$ \$ 3.6100 \$	\$ 251,704 \$ 241,043	72,627 68,429	\$ 0.9500 S	\$ 68,996 \$ 65,008	72,627 68,429	\$ 2.3400 \$ 2.3400	\$ 169,947 \$ 160,124	\$ 238,943 \$ 225,131
May	63,924	\$ 3.6100	\$ 230,766	65,976	\$ 0.9500	\$ 62,677	65,976	\$ 2.3400	\$ 154,384	\$ 217,061
June	82,890	\$ 3.6100	\$ 299,233	85,738	\$ 0.9500 \$	\$ 81,451	85,738	\$ 2.3400	\$ 200,627	\$ 282,078
July	97,631	\$ 3.6100	\$ 352,448	105,465	\$ 0.9500		105,465		\$ 246,788	\$ 346,980
August	107,292		\$ 387,324 \$ 437,055	118,885	\$ 0.9500 S		118,885		\$ 278,191 \$ 296,693	\$ 391,132 \$ 417,146
September October	121,068 95,886		\$ 437,055 \$ 346,148	126,792 98,440	\$ 0.9500 S		126,792 98,440		\$ 296,693 \$ 230,350	\$ 417,146 \$ 323,868
November	89,181	\$ 3.6100	\$ 321,943	96,705	\$ 0.9500		96,705	\$ 2.3400	\$ 226,290	\$ 318,159
December	92,118	\$ 3.6100	\$ 332,546	98,210	\$ 0.9500	\$ 93,300	98,210	\$ 2.3400	\$ 229,811	\$ 323,111
Total	1,035,333	\$ 3.61	\$ 3,737,552	1,090,318	\$ 0.95	\$ 1,035,802	1,090,318	\$ 2.34	\$ 2,551,344	\$ 3,587,146
Hydro One		Network		Lin	ne Connection	n	Transfo	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	61,225	\$ 3.1942	\$ 195,565	54,719	\$ 0.7710	\$ 42,188	50,175	\$ 1.7493	\$ 87,770	\$ 129,958
February	65,245		\$ 208,404	53,747	\$ 0.7710	\$ 41,439	54,090	\$ 1.7493	\$ 94,619	\$ 136,058
March	54,640	\$ 3.1942	\$ 174,532	49,850	\$ 0.7710 S \$ 0.7710 S	38,435	44,471	\$ 1.7493	\$ 77,792	\$ 116,227
April	70,446	\$ 3.1942	\$ 225,017	65,286	\$ 0.7710		59,438	\$ 1.7493	\$ 103,976	\$ 154,311
May	68,931	\$ 3.1942	\$ 220,179	67,170	\$ 0.7710	\$ 51,788	57,491	\$ 1.7493	\$ 100,569	\$ 152,357
June July	88,138 90,380	\$ 3.1942 \$ 3.1942	\$ 281,530 \$ 288,692	84,950 88,243	\$ 0.7710 S		74,139 77,261	\$ 1.7493 \$ 1.7493	\$ 129,692 \$ 135,153	\$ 195,189 \$ 203,188
July August	90,380		\$ 288,692 \$ 299,186	88,243 85,107	\$ 0.7710		77,261 78,779		\$ 135,153 \$ 137,807	\$ 203,188
September	69,885		\$ 223,228	66,603	\$ 0.7710 \$		55,052		\$ 96,302	\$ 147,653
October	54,510		\$ 174,116	52,682	\$ 0.7710	\$ 40,618	41,757		\$ 73,046	\$ 113,664
November	52,746			50,399		\$ 38,858	46,911		\$ 82,062	\$ 120,919
December	61,799	\$ 3.1942	\$ 197,398	54,184	\$ 0.7710	\$ 41,776	48,982	\$ 1.7493	\$ 85,685	\$ 127,461
Total	831,610	\$ 3.19	\$ 2,656,329	772,939	\$ 0.77	\$ 595,936	688,546	\$ 1.75	\$ 1,204,473	\$ 1,800,410
Add Extra Host Here (I)		Network		Liı	ne Connection	n	Transfo	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-		s -	-	\$ - 5		-		\$ -	\$ -
February	-		\$ -	-	\$ - 5		-		\$ -	\$ -
March			\$ -	-	\$ - 5		-		\$ -	\$ -
April Mav		\$ - S	\$ - \$ -		\$ - 5	-		\$ - \$ -	\$ - \$ -	\$ - \$ -
June			s -		\$ - 5				\$ - \$ -	\$ -
July			š -		\$ - 5				\$ -	\$ -
August			\$ -		\$ - 5	\$ -			\$ -	\$ -
September			\$ -	-	\$ - 5		-		\$ -	\$ -
October November			\$ - \$ -		\$ - S \$ - S				\$ - \$ -	\$ -
December			s - S -		\$ - 5				\$ - \$ -	\$ - \$ -
Total		s -	s -		\$ - 5	\$ -		s -	s -	\$ -
Add Extra Host Here (II)		Network		Lin	ne Connection	n	Transfo	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		s - :	s -	_	\$ - 5		_	s -	s -	s -
February			š -		\$ - 5	\$ -		\$ -	\$ -	\$ -
March		\$ - 5	\$ -		\$ - 5	\$ -		\$ -	\$ -	\$ -
April		\$ - 5	\$ -	-	\$ - 5	\$ -	-	\$ -	\$ -	\$ -
May								7		
lung	-	\$ - 5	\$ -	-	\$ - 5	\$ -	-	\$ -	\$ -	\$ -
June	- -	\$ - S \$ - S	\$ -	-	\$ - 5	\$ - \$ -	:	\$ - \$ -	\$ -	\$ -
June July	• • •	\$ - : \$ - :	\$ - \$ - \$ - \$ -	• •	\$ - S	\$ - \$ -	-	\$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ -
June July August September	:	\$ - ! \$ - ! \$ - !	\$ - \$ - \$ - \$ -	: : :	\$ - 5 \$ - 5 \$ - 5	\$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ -
June July August September October	- - - -	\$ - ! \$ - ! \$ - ! \$ - !	\$ - \$ - \$ - \$ - \$ -	· · ·	\$ - \$ \$ - \$ \$ - \$ \$ - \$	5 - 5 - 5 - 5 -	- - - -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -
June July August September October November	- - - - -	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	\$ - \$ - \$ - \$ - \$ -	:	\$ - 5 \$ - 5 \$ - 5 \$ - 5 \$ - 5	5 - 5 - 5 - 5 - 5 -	- - - - - -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -
June July August September October	- - - - - -	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	\$ - \$ - \$ - \$ - \$ -	- - - - - -	\$ - \$ \$ - \$ \$ - \$ \$ - \$	5 - 5 - 5 - 5 - 5 -	: : : :	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -
June July August September October November	: : : : :	\$ - ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	\$ - \$ - \$ - \$ - \$ -	-	\$ - 5 \$ - 5 \$ - 5 \$ - 5 \$ - 5	5		\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
June July August September October November December	: : : : : :	\$ - ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lit	\$ - 5 \$ - 5 \$ - 5 \$ - 5 \$ - 5 \$ - 5	5	Transfo	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$	\$ - \$ - \$ - \$ - \$ -
June July August September October November December	Units Billed	\$ - ! \$ - ! \$ - ! \$ - ! \$ - !	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lit	\$ - S \$ - S \$ S \$ - S \$	5	Transfo Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$	\$ - \$ - \$ - \$ - \$ - \$ -
June July August September October November December Total Total Month		\$ - ! \$ - !	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed	\$ - 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6	\$	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
June July August September October November December Total Total Month January	137,213	\$ - ! !	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed	\$ - 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	\$	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
June July August September October November December Total Total Month January February	137,213 138,105	\$ - ! !	S - S - S - S - S - S - S - S - S - S -	Units Billed 133,451 128,066	\$ - 5 5 5 5 5 6 6 7 7 8 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8	\$ - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	Units Billed 128,907 128,409	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
June July August September October November December  Total  Total  Month January February March April	137,213 138,105 124,364 137,217	\$ - \$ - \$ 5	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 133,451 128,066 122,477 133,715	\$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$	Amount  S 116,983 S 112,042 S 107,430 S 115,343	Units Billed 128,907 128,409 117,098 127,867	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
June July August September October November December  Total  Total  Month  January February March April May	137,213 138,105 124,364 137,217 132,855	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 469.882 \$ 471,429 \$ 466,061 \$ 469,045	Units Billed 133,451 128,066 122,477 133,715 133,146	\$ - 5 5 5 5 5 5 6 6 7 6 7 6 7 6 7 6 7 6 7 6	Amount  \$ 116,983 \$ 117,430 \$ 1114,465	Units Billed 128,907 128,409 117,098 127,867 123,467	\$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
June July August September October November December  Total  Total  Month January February March April May June	137,213 138,105 124,364 137,217 132,855 171,028	S	Amount  \$ 469,882 471,429 \$ 466,061 \$ 450,945 \$ 580,763	Units Billed 133,451 128,066 122,477 133,715 133,146 170,688	\$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$	Amount  S 116,983 S 112,042 S 107,430 S 114,465 S 114,465 S 146,948	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$
June July August September October November December  Total  Total  Month  January February March April May June July	137,213 138,105 124,364 137,217 132,855 177,028 188,011	\$ - ! \$ - ! \$ - ! \$   \$ - ! \$   \$   \$   \$   \$   \$   \$   \$   \$   \$	Amount  S 469,882  471,429  471,429  476,091  466,061  466,061  466,061  466,061  466,061  466,061  466,061  466,061	Units Billed 133,451 128,066 122,477 133,715 133,146 170,688 193,708	\$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$	Amount  S 116,983 S 112,042 S 107,430 S 114,465 S 114,465 S 146,948	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877 182,726	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
June July August September October November December  Total  Total  Month January February March April May June July August	137,213 138,105 124,364 137,217 132,855 171,028 188,011 200,957	\$	Amount \$ 469.882 \$ 471.429 \$ 466.061 \$ 550.763 \$ 550.763	Units Billed  133,451 128,066 122,477 133,715 133,146 170,688 193,708 203,992	\$	Amount  S 116,983 S 112,042 S 114,465 S 146,948 S 186,947 S 178,558	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664	\$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$
June July August September October November December  Total  Total  Month  January February March April May June July	137,213 138,105 124,364 137,217 132,855 171,028 188,011 200,957 190,953	\$	Amount  \$ 469,882 \$ 471,429 \$ 466,061 \$ 466,061 \$ 466,061 \$ 466,061 \$ 450,945 \$ 686,510 \$ 686,510	Units Billed 133,451 128,066 122,477 133,715 133,146 170,688 193,708	\$	Amount  \$ 116,983   \$ 112,042   \$ 117,343   \$ 1146,948   \$ 114,485   \$ 146,948   \$ 114,042   \$ 178,558   \$ 188,227   \$ 178,558	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877 182,726	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
June July August September October November December  Total  Month  January February March April May June July August September October November	137,213 138,105 124,364 137,217 132,855 171,028 188,011 120,957 190,953 150,396 141,927	\$	Amount  \$ 469,882 \$ 466,061 \$ 466,061 \$ 466,061 \$ 466,061 \$ 466,061 \$ 586,510 \$ 660,283 \$ 641,140 \$ 660,283 \$ 640,244	Units Billed  133,451 128,066 122,477 133,715 133,146 170,688 193,708 203,992 193,395 151,122 147,104	\$	Amount  \$ 116,983 \$ 112,042 \$ 117,343 \$ 114,948 \$ 134,136 \$ 134,136 \$ 134,136 \$ 134,136 \$ 134,136	Units Billed 126,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664 181,844 140,197	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$
June July August September October November December  Total  Total  Month  January February March April May June July August September October	137,213 138,105 124,364 137,217 132,855 171,028 188,011 200,957 190,953 150,396	\$	Amount  \$ 469,882 \$ 466,061 \$ 466,061 \$ 466,061 \$ 466,061 \$ 466,061 \$ 586,510 \$ 660,283 \$ 641,140 \$ 660,283 \$ 640,244	Units Billed  133,451 128,066 122,477 133,715 133,146 170,688 193,708 203,992 193,395 151,122	\$	Amount  \$ 116,983 \$ 112,042 \$ 117,343 \$ 114,948 \$ 134,136 \$ 134,136 \$ 134,136 \$ 134,136 \$ 134,136	Units Billed 128, 907 128, 409 117, 098 127, 867 123, 467 159, 877 182, 726 197, 664 181, 844	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$
June July August September October November December  Total  Month  January February March April May June July August September October November	137,213 138,105 124,364 137,217 132,855 171,028 188,011 200,957 190,953 150,396 141,927 153,917	\$	Amount  \$ 469,882 \$ 466,061 \$ 466,061 \$ 466,061 \$ 466,061 \$ 466,061 \$ 586,510 \$ 660,283 \$ 641,140 \$ 660,283 \$ 640,244	Units Billed  133,451 128,066 122,477 133,715 133,146 170,688 193,708 203,992 193,395 151,122 147,104	\$	Amount  \$ 116,983   \$ 112,042   \$ 117,343   \$ 114,948   \$ 114,948   \$ 134,136   \$ 171,803   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 136,075   \$ 135,075   \$ 135,075	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664 181,844 140,197 143,616	\$ - \$ - \$ - \$ - \$ - \$ \$ - \$ - \$ \$ - \$ - \$ \$ - \$ - \$ \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$
June July August September October November December  Total  Month  January February March April May June July August September October November December	137,213 138,105 124,364 137,217 132,855 171,028 188,011 100,957 190,953 150,396 141,927 153,917	\$	Amount  \$ 469,882 \$ 471,429 \$ 466,061 \$ 466,061 \$ 466,061 \$ 466,061 \$ 450,945 \$ 450,945 \$ 660,283 \$ 641,140 \$ 660,283 \$ 520,264 \$ 520,264 \$ 490,424 \$ 529,944	Units Billed 133,451 128,066 122,477 133,715 133,146 170,688 193,708 203,992 193,395 151,122 147,104 152,394	\$	Amount  \$ 116,983 \$ 112,042 \$ 1178,343 \$ 1146,948 \$ 144,948 \$ 178,558 \$ 171,803 \$ 134,136 \$ 134,136 \$ 134,136 \$ 134,136 \$ 134,136 \$ 135,075	Units Billed  128,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664 181,844 140,197 143,616 147,192	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
June July August September October November December  Total  Month  January February March April May June July August September October November December	137,213 138,105 124,364 137,217 132,855 171,028 188,011 100,957 190,953 150,396 141,927 153,917	\$	Amount  \$ 469,882 \$ 471,429 \$ 466,061 \$ 466,061 \$ 466,061 \$ 466,061 \$ 450,945 \$ 450,945 \$ 660,283 \$ 641,140 \$ 660,283 \$ 520,264 \$ 520,264 \$ 490,424 \$ 529,944	Units Billed 133,451 128,066 122,477 133,715 133,146 170,688 193,708 203,992 193,395 151,122 147,104 152,394	\$	Amount  \$ 116,983   \$ 112,042   \$ 117,343   \$ 114,945   \$ 114,845   \$ 134,136   \$ 171,803   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 134,136   \$ 178,558   \$ 178,558   \$ 188,27   \$ 188,27   \$ 188,27   \$ 188,27   \$ 188,27   \$ 134,136   \$ 171,803   \$ 134,136   \$ 171,803   \$ 134,136   \$ 171,803   \$ 134,136   \$ 135,075   \$ 135,075   \$ 136,075   \$ 1,631,738	Units Billed 128,907 128,409 117,098 127,867 123,467 159,877 182,726 197,664 181,844 140,197 143,616 147,192	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$



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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	284,752,808	0	1,936,319	30.0%	1,920,723	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	118,847,649	0	701,201	10.9%	695,553	0.0059
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6031		1,175,183	3,059,119	47.5%	3,034,479	2.5821
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW \$/kWh	2.7620 0.0059	4 400 404	180,462	498,436 8.298	7.7% 0.1%	494,421 8.231	2.7398 0.0059
Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	S/kW	1.9122	1,406,464	1.036	1,981	0.1%	1,965	1.8968
Street Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate  Retail Transmission Rate - Network Service Rate	S/kW	1.8926		11.172	21,144	0.3%	20.974	1.8774
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	S/kW	2.6031		84.246	219,301	3.4%	217.534	2.5821
						-,		***	
The purpose of this table is to re-align the current RT	S Connection Rates to recover current wholesale connection costs.							Current	Adjusted
Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Wholesale Billing	RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	284.752.808	0	1.651.566	30.3%	1,630,354	0.0057
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	118.847.649	0	606.123	11.1%	598.338	0.0050
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1767		1,175,183	2,558,021	46.9%	2,525,166	2.1487
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.3930		180,462	431,846	7.9%	426,299	2.3623
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	1,406,464	0	7,173	0.1%	7,081	0.0050
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6359		1,036	1,695	0.0%	1,673	1.6149
Street Lighting Service Classification Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW \$/kW	1.5978 2.1767		11,172 84.246	17,851 183,378	0.3% 3.4%	17,621 181.023	1.5773 2.1487
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/KVV	2.1767		84,246	183,378	3.4%	181,023	2.1487
The purpose of this table is to update the re-aligned F	TS Network Rates to recover future wholesale network costs.								
p p	TO NELWORK Rates to recover rature wholesale network costs.							0	Danasasas
Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
		Unit \$/kWh			Billed kW			Wholesale	RTSR-
Rate Class	Rate Description		Network	Billed kWh		Amount	Amount %	Wholesale Billing	RTSR- Network
Rate Class  Residential Service Classification General Service Lass Than 50 kW Service Classification General Service 50 T0 4,999 kW Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW	0.0067 0.0059 2.5821	Billed kWh 284,752,808	0 0 1,175,183	1,920,723 695,553 3,034,479	30.0% 10.9% 47.5%	Wholesale Billing 1,920,723 695,553 3,034,479	RTSR- Network 0.0067 0.0059 2.5821
Rate Class  Residential Service Classification General Service Dissification General Service Story of A,999 kW Service Classification General Service Story of A,999 kW Service Classification Large Use Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW	0.0067 0.0059 2.5821 2.7398	Billed kWh 284,752,808 118,847,649	0 0 1,175,183 180,462	1,920,723 695,553 3,034,479 494,421	30.0% 10.9% 47.5% 7.7%	Wholesale Billing 1,920,723 695,553 3,034,479 494,421	RTSR- Network 0.0067 0.0059 2.5821 2.7398
Rate Class  Residential Service Classification General Service Lass Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW	0.0067 0.0059 2.5821 2.7398 0.0059	Billed kWh 284,752,808	0 0 1,175,183 180,462 0	1,920,723 695,553 3,034,479 494,421 8,231	30.0% 10.9% 47.5% 7.7% 0.1%	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231	RTSR- Network 0.0067 0.0059 2.5821 2.7398 0.0059
Rate Class  Residential Service Classification General Service Liss Than 50 kW Service Classification General Service 150 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Service Lissification Service Lissification	Rate Description  Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh	0.0067 0.0059 2.5821 2.7398 0.0059 1.8968	Billed kWh 284,752,808 118,847,649	0 0 1,175,183 180,462 0 1,036	Amount 1,920,723 695,553 3,034,479 494,421 8,231 1,965	30.0% 10.9% 47.5% 7.7% 0.1% 0.0%	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 1,965	0.0067 0.0059 2.5821 2.7398 0.0059 1.8968
Rate Class  Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Lymetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Street Lighting Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kW	0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774	Billed kWh 284,752,808 118,847,649	0 0 1,175,183 180,462 0 1,036 11,172	Amount 1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974	30.0% 10.9% 47.5% 7.7% 0.1% 0.0% 0.3%	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974	0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774
Rate Class  Residential Service Classification General Service East Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Limetered Scattered Load Service Classification Sentinel Lichting Service Classification Street Lichting Service Classification Embedded Distributor Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh	0.0067 0.0059 2.5821 2.7398 0.0059 1.8968	Billed kWh 284,752,808 118,847,649	0 0 1,175,183 180,462 0 1,036	Amount 1,920,723 695,553 3,034,479 494,421 8,231 1,965	30.0% 10.9% 47.5% 7.7% 0.1% 0.0%	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 1,965	0.0067 0.0059 2.5821 2.7398 0.0059 1.8968
Rate Class  Residential Service Classification General Service East Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Limetered Scattered Load Service Classification Sentinel Lichting Service Classification Street Lichting Service Classification Embedded Distributor Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kW	0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774	Billed kWh 284,752,808 118,847,649	0 0 1,175,183 180,462 0 1,036 11,172	Amount 1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974	30.0% 10.9% 47.5% 7.7% 0.1% 0.0% 0.3%	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534	RTSR- Network  0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774 2.5821
Rate Class  Residential Service Classification General Service East Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Limetered Scattered Load Service Classification Sentinel Lichting Service Classification Street Lichting Service Classification Embedded Distributor Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kW	0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774	Billed kWh 284,752,808 118,847,649 1,406,464	0 0 1,175,183 180,462 0 1,036 11,172	Amount 1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974	30.0% 10.9% 47.5% 7.7% 0.1% 0.0% 0.3%	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974	0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774
Rate Class  Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Limitered Scattered Load Service Classification Sentinel Lichting Service Classification Street Lichting Service Classification Embedded Distributor Service Classification The purpose of this table is to update the re-aligned Rate Class	Rate Description  Retail Transmission Rate - Network Service Rate RETAIL Transmission Retail - Network Service Rate RETAIL TRANSMISSION RETAIL RETAI	S/kWh S/kWh S/kW S/kWh S/kWh S/kW S/kW	Network  0.0067 0.0059 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774 2.5821  Adjusted RTSR-Connection	Billed kWh  284,752,808 118,847,649  1,406,464  Loss Adjusted Billed kWh	0 0 1,175,183 180,462 0 1,036 11,172 84,246	1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534 Billed Amount	30.0% 10.9% 47.5% 7.7% 0.1% 0.0% 3.4% Billed Amount %	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534 Current Wholesale Billing	RTSR- Network  0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774 2.5821  Proposed RTSR- Connection
Rate Class  Residential Service Classification General Service Classification General Service Strate 50 kW Service Classification General Service Ossessification Large Use Service Classification Large Use Service Classification Classification Service Classification Service Usering Service Classification Street Usering Service Classification Embedded Distributor Service Classification The purpose of this table is to update the re-aligned F Rate Class  Residential Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate Rate Transmission Rate - Line and Transformation Connection Service Rate	S/kWh S/kWh S/kW S/kWh S/kWh S/kW S/kW	0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774 2.5821	Billed kWh  284,752,808 118,847,649  1,406,464  Loss Adjusted	0 0 1,175,183 180,482 0 1,036 11,172 84,246	Amount  1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534  Billed Amount 1,630,354	30.0% 10.9% 47.5% 7.7% 0.1% 0.0% 0.3% 3.4%	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534 Current Wholesale	RTSR- Network  0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774 2.5821  Proposed RTSR-
Rate Class  Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Limitered Scattered Load Service Classification Sentinel Lichting Service Classification Street Lichting Service Classification Embedded Distributor Service Classification The purpose of this table is to update the re-aligned Rate Class	Rate Description  Retail Transmission Rate - Network Service Rate RETAIL Transmission Retail - Network Service Rate RETAIL TRANSMISSION RETAIL RETAI	S/KWh S/KW S/KW S/KW S/KW S/KW S/KW	Network  0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774 2.5821  Adjusted RTSR-Connection 0.0057	Billed kWh  294,752,808 118,847,649 1,406,464  Loss Adjusted Billed kWh	0 0 1,175,183 180,462 0 1,036 11,172 84,246	1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534 Billed Amount	30.0% 10.9% 47.5% 7.7% 0.1% 0.0% 0.3% 3.4% Billed Amount %	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534 Current Wholesale Billing	RTSR- Network  0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774 2.5521  Proposed RTSR- Connection 0.0057
Rate Class  Residential Service Classification General Service East Than 50 kW Service Classification General Service Sor 10,499 kW Service Classification Large Use Service Classification Limetered Scattered Load Service Classification Sentinel Lichting Service Classification Street Lichting Service Classification Embedded Distributor Service Classification  The purpose of this table is to update the re-aligned F Rate Class  Residential Service Classification General Service Less Than 50 kW Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate  TS Connection Rates to recover future wholesale connection costs.  Rate Description  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	S/kWh S/kWh S/kW S/kWh S/kW S/kW S/kW S/kW	Network  0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774 2.5821  Adjusted RTSR-Connection  0.0057 0.0055	Billed kWh  294,752,808 118,847,649 1,406,464  Loss Adjusted Billed kWh	0 0 1,175,183 180,462 0 1,036 11,172 84,246 Billed kW	1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534 Billed Amount	30.0% 10.9% 47.5% 7.7% 0.1% 0.0% 0.3% 3.4% Billed Amount %	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534 Current Wholesale Billing 1,630,354 598,338	RTSR- Network  0.0067 0.00659 2.5821 2.7398 0.0059 1.8968 1.8774 2.5821  Proposed RTSR- Connection  0.0057 0.0055
Rate Class  Residential Service Classification General Service Strain 50 kW Service Classification General Service Strain 50 kW Service Classification Larace Use Service Classification Unmetered Scattered Load Service Classification Servine Lichten Service Classification Street Lichten Service Classification Street Lichten Service Classification Embedded Distributor Service Classification The purpose of this table is to update the re-aligned F Rate Class  Residential Service Classification General Service Liessification General Service Sor 10 4,999 kW Service Classification General Service Sor 10 4,999 kW Service Classification Larace Use Service Classification Unmetered Scattered Load Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Internation Rate Retail Rate Rate Retail Rate Ret	S/kWh S/kWh S/kW S/kW S/kW S/kW S/kW S/kW S/kW S/kW	Network  0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774 2.5821  Adjusted RTSR- Connection  0.0057 0.0050 2.1487 2.3623 0.0050	Billed kWh  294,752,808 118,847,649 1,406,464  Loss Adjusted Billed kWh	0 0 1.175.183 180.462 0 0.036 11.172 84.246 Billed kW	Amount  1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534  Billed Amount  1,630,354 598,338 2,525,166 426,299 7,081	Amount %  30.0% 10.9% 17.5% 17.7% 19.00% 19.3% 3.4%  Billed Amount %  30.3% 11.1% 46.9% 7.9% 0.1%	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534 Current Wholesale Billing 1,630,354 598,338 2,525,166 426,299 7,081	RTSR- Network  0.0067 0.0059 2.8821 2.7398 0.0059 1.8968 1.8774 2.5821  Proposed RTSR- Connection  0.0057 0.0050 2.1487 2.3623 0.0050
Rate Class  Residential Service Classification General Service East Than 50 kW Service Classification General Service Sor 10,499 kW Service Classification Large Use Service Classification Limetered Scattered Lad Service Classification Sentinel Lichting Service Classification Street Lichting Service Classification Embedded Distributor Service Classification The purpose of this table is to update the re-aligned F Rate Class  Residential Service Classification General Service Classification General Service Deservice Classification General Service Sor 10,4,999 kW Service Classification Large Use Service Classification Ummetered Scattered Load Service Classification Sentinel Lighting Service Classification Sentinel Lighting Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate  TS Connection Rates to recover future wholesale connection costs.  Rate Description  Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1) Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1) Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1) 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 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 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 Retail Transmission Rate - Line Retail Transmission Rate - Line Reta	S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh	Network  0.0067 0.0059 2.5921 2.7398 0.0059 1.8968 1.8774 2.5821  Adjusted RTSR-Connection  0.0057 0.0050 2.1487 2.3623 0.0050 1.6149	Billed kWh  284,752,808 118,847,649  1,406,464  Loss Adjusted Billed kWh  284,752,808 118,847,649	0 0 1.175.183 180,462 0 1.036 11.172 84.246 Billed kW	1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534 Billed Amount 1,630,354 598,338 2,525,166 426,299 7,081	Amount %  30.0% 10.9% 47.5% 7.7% 0.1% 0.0% 3.34%  Billed Amount %  30.3% 11.1% 46.9% 7.9% 0.1% 0.0%	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 8,231 8,231 2,1534 Current Wholesale Billing 1,630,354 598,338 2,525,166 426,299 7,081 1,673	RTSR- Network  0.0067 0.00659 0.00659 0.00559 1.8968 1.8774 2.5821  Proposed RTSR- Connection  0.0057 0.00550 2.1487 2.3623 0.0050 1.6149
Rate Class  Residential Service Classification General Service Dassification General Service Sor 14,998 WM Service Classification General Service Sor 14,998 WM Service Classification Larace Use Service Classification Unmetered Scattered Load Service Classification Serted Lichten Service Classification Street Lichten Service Classification Embedded Distributor Service Classification The purpose of this table is to update the re-aligned F Rate Class  Residential Service Classification General Service Classification General Service Dassification General Service Sor 14,999 kW Service Classification Larace Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Sentinel Lighting Service Classification Sentinel Lighting Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Ine and Transformation Connection Service Rate Retail Transmission Rate - Ine and Transformation Connection Service Rate Retail Transmission Rate - Ine and Transformation Connection Service Rate (see Note 1) Retail Transmission Rate - Ine and Transformation Connection Service Rate (see Note 1) Retail Transmission Rate - Ine and Transformation Connection Service Rate (see Note 1) Retail Transmission Rate - Ine and Transformation Connection Service Rate Retail Transmission Rate - Ine and Transformation Connection Service Rate Retail Transmission Rate - Ine and Transformation Connection Service Rate Retail Transmission Rate - Ine and Transformation Connection Service Rate Rate Retail Transmission Rate - Ine and Transformation Connection Service Rate Rate Retail Transmission Rate - Ine and Transformation Connection Service Rate Rate Retail Transmission Rate - Ine and Transformation Connection Service Rate Retail Transmission Rate - Ine and Transformation Connection Service Rate Rate Retail Transmission Rate - Ine and Transformation Connection Service Rate	S/kWh S/kWh S/kW S/kW S/kW S/kW S/kW S/kW S/kWh S/kWh S/kW S/kWh S/kWh	Network  0.0067 0.0059 2.5821 2.7398 0.0059 1.8968 1.8774 2.5821  Adjusted RTSR- Connection 0.0057 0.0050 2.1487 2.3623 0.0050 1.6149 1.5773	Billed kWh  284,752,808 118,847,649  1,406,464  Loss Adjusted Billed kWh  284,752,808 118,847,649	0 0 1.175.183 180.462 0 1.036 11.172 84.246 Billed kW	1,920,723 695,553 3,034,479 494,421 8,231 1,985 20,974 217,534 Billed Amount 1,630,354 598,338 2,525,166 426,299 7,673 1,7621	30.0% 10.9% 17.5% 17.7% 0.1% 0.0% 3.4%  Billed Amount % 30.3% 11.1% 46.9% 7.9% 0.1% 0.0% 0.3%	Wholesale Billing 1,220,726 695,553 3,034,4421 8,231 1,965 20,974 217,534 Current Wholesale Billing 1,630,354 598,338 2,525,166 426,299 7,081 1,673	RTSR- Network  0.0067 0.0059 2.5821 2.7398 0.0059 1.8986 1.8774 2.5821  Proposed RTSR- Connection 0.0057 0.0050 2.1487 2.3623 0.0050 1.6149 1.5773
Rate Class  Residential Service Classification General Service Des Than 50 kW Service Classification General Service Des Than 50 kW Service Classification Larace Use Service Classification Larace Use Service Classification Sentinel Lichting Service Classification Serted Lichting Service Classification Street Lichting Service Classification Embedded Distributor Service Classification The purpose of this table is to update the re-aligned F Rate Class  Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Larace Use Service Classification Ummetered Scattered Load Service Classification Sentinel Lighting Service Classification Sentinel Lighting Service Classification	Rate Description  Retail Transmission Rate - Network Service Rate  TS Connection Rates to recover future wholesale connection costs.  Rate Description  Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1) Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1) Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1) 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 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 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 Retail Transmission Rate - Line Retail Transmission Rate - Line Reta	S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh	Network  0.0067 0.0059 2.5921 2.7398 0.0059 1.8968 1.8774 2.5821  Adjusted RTSR-Connection  0.0057 0.0050 2.1487 2.3623 0.0050 1.6149	Billed kWh  284,752,808 118,847,649  1,406,464  Loss Adjusted Billed kWh  284,752,808 118,847,649	0 0 1.175.183 180,462 0 1.036 11.172 84.246 Billed kW	1,920,723 695,553 3,034,479 494,421 8,231 1,965 20,974 217,534 Billed Amount 1,630,354 598,338 2,525,166 426,299 7,081	Amount %  30.0% 10.9% 47.5% 7.7% 0.1% 0.0% 3.34%  Billed Amount %  30.3% 11.1% 46.9% 7.9% 0.1% 0.0%	Wholesale Billing 1,920,723 695,553 3,034,479 494,421 8,231 8,231 8,231 2,1534 Current Wholesale Billing 1,630,354 598,338 2,525,166 426,299 7,081 1,673	RTSR- Network  0.0067 0.00659 0.00659 0.00559 1.8968 1.8774 2.5821  Proposed RTSR- Connection  0.0057 0.00550 2.1487 2.3623 0.0050 1.6149



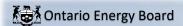
If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2018 values and will be updated by OEB staff at a later date.

Price Escalator	1.20%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)		Effective Year of Residential Rate Design Transition (yyyy)	2016
Choose Stretch Factor Group	Ш	Price Cap Index	1.05%	Billed kWh for Residential Class (approved in the last CoS)	200 420 220	OEB-approved # of Transition Years	4
Associated Stretch Factor Value	0.15%			Rate Design Transition Years Left	1		
					Deles Con Index (		B

Rate Class	Current MFC	MFC Adjustment from R/C Model		DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge	
RESIDENTIAL SERVICE CLASSIFICATION	22.9		0.0026		1.05%	24.83	0.0000	
							0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	30.84		0.0102		1.05%	31.16	0.0103	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	100.01		3.3126		1.05%	101.06	3.3474	
LARGE USE SERVICE CLASSIFICATION	1526.2		2.3307		1.05%	1,542.23	2.3552	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	8.26		0.0015		1.05%	8.35	0.0015	
SENTINEL LIGHTING SERVICE CLASSIFICATION	7.51		0.6728		1.05%	7.59	0.6799	
STREET LIGHTING SERVICE CLASSIFICATION	1.14		0.9594		1.05%	1.15	0.9695	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	132.5				1.05%	133.89	0.0000	
STANDBY POWER SERVICE CLASSIFICATION	**				1.05%	**	**	
microFIT SERVICE CLASSIFICATION	5.4					5.4		
Rate Design Transition		Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates <sup>1</sup>	Revenue at New F/V Split
Current Residential Fixed Rate (inclusive of R/C adj.)	22,9000	9,984,308	93.2%	6.8%	1.67	100.0%	24.57	10,712,422
Current Residential Variable Rate (inclusive of R/C adj.)	0.0026	729,093	6.8%			0.0%	0.0000	0
, , , , , ,		10,713,401	•					10,712,422

 $<sup>^{\</sup>rm 1}$  These are the residential rates to which the Price Cap Index will be applied to. Wheeling Service Rate will be adjusted for PCI on Sheet 19.

<sup>\*\*</sup>Please note Standby rates will be adjusted for PCI on Sheet 19.



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

Regulatory Charges		
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



# Entegrus Powerlines Inc. TARIFF OF RATES AND CHARGES

### **Effective and Implementation Date May 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 applies to an account taking electricity at 750 volts or less and includes:

- 1) All services supplied to single-family dwelling units for domestic or household purposes,
- 2) All multi-unit residential establishments such as apartments of 6 or less units.
- 3) If a service supplies a combination of residential and commercial load and wiring does not permit separate metering, the classification of this customer will be determined individually by the distributor.

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	\$	24.83
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0017
Rate Rider for Disposition of Global Adjustment Account (2019) - effect	ctive until April 30, 2020	
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Va	ariance Account (LRAMVA) (2019) -	
effective until April 30, 2020	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effect	ctive until April 30, 2020 \$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
	- 0/114/1	
Retail Transmission Rate - Line and Transformation Connection Service	ce Rate \$/kWh	0.0057
MONTHLY RATES AND CHARGES - Regulatory Com	ponent	
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

# Entegrus Powerlines Inc. TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 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 applies to a non-residential account taking electricity at 750 volts or less whose average monthly maximum gross demand over a period of 12 consecutive months is less than, or is forecast to be less than, 50 kW and includes multi-unit residential establishments such as apartment buildings supplied through one service (bulk-metered) with greater than 6 units. 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	\$	31.16
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0103
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020	·	
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -		
effective until April 30, 2020	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	0.0008
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050
MONTHI V DATES AND CHARCES   Dequisions Component		
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 May 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 applies to a non-residential account whose average monthly maximum gross demand over a period of 12 consecutive months 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 customers are defined in accordance with O.Reg.429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

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

Service Charge	\$	101.06
Distribution Volumetric Rate	\$/kW	3.3474
Low Voltage Service Rate (see Note 1)	\$/kW	0.6201
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.0852
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.2388)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.5305
Retail Transmission Rate - Network Service Rate	\$/kW	2.5821
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1487
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

Effective and Implementation Date May 1, 2019

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

Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable) **EB-2018-0024** \$/kWh 0.0003 \$ 0.25

## Effective and Implementation Date May 1, 2019

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

EB-2018-0024

## LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum gross demand over a period of 12 consecutive months is equal to or greater than, or is forecast to be equal to or greater 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.

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

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

Service Charge	\$	1,542.23
Distribution Volumetric Rate	\$/kW	2.3552
Low Voltage Service Rate (see Note 1)	\$/kW	0.6818
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -		
effective until April 30, 2020	\$/kW	0.0164
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.1228
Retail Transmission Rate - Network Service Rate	\$/kW	2.7398
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.3623
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 May 1, 2019

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

EB-2018-0024

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

Service Charge	\$	8.35
Distribution Volumetric Rate	\$/kWh	0.0015
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050
MONTHLY RATES AND CHARGES - Regulatory Component		
MONTHET 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 May 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 accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge	\$	7.59
Distribution Volumetric Rate	\$/kW	0.6799
Low Voltage Service Rate	\$/kW	0.4661
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.1769
Retail Transmission Rate - Network Service Rate	\$/kW	1.8968
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6149
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 May 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 applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, 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	\$	1.15
Distribution Volumetric Rate	\$/kW	0.9695
Low Voltage Service Rate	\$/kW	0.4552
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -		
effective until April 30, 2020	\$/kW	0.2225
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.4660
Retail Transmission Rate - Network Service Rate	\$/kW	1.8774
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5773
MONTHLY RATES AND CHARGES - Regulatory Component		
MONTHET NATES AND CHANGES - 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 May 1, 2019

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

EB-2018-0024

## EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board that is provided electricity by means of this distributor's facilities. 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	\$	133.89
Low Voltage Service Rate	\$/kW	0.6201
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.1647
Retail Transmission Rate - Network Service Rate	\$/kW	2.5821
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1487
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 May 1, 2019** 

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

EB-2018-0024

### STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide backup service. 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.

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

amount of load transfer capacity contracted by a facility exceeds the actual demand.

General Service > 50 kW Standby Charge - for a customer whose facility is in the General Service > 50 kW rate class and for a month where actual demand is less than contracted demand. The charge is applied to the amount by which the amount of load transfer capacity contracted by a facility exceeds the actual demand.	\$/kW	3.3474
Large Use Standby Charge - for a customer whose facility is in the Large Use rate class and for a month where actual demand is less than contracted demand. The charge is applied to the amount by which the		

2.3552

\$/kW

## Effective and Implementation Date May 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. 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.

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

Service Charge	\$ 5.40

## **ALLOWANCES**

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

## SPECIFIC SERVICE CHARGES

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

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

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

#### **Customer Administration**

Arrears certificate	\$ 15.00
Statement of account	\$ 15.00
Easement letter	\$ 15.00
Returned cheque (plus bank charges)	\$ 15.00
Account setup charge/change of occupancy charge	\$ 30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$ 30.00

### **Non-Payment of Account**

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

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

		EB-2018-0024
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Other		
Temporary service install and remove - overhead - no transformer	\$	500.00
Temporary service install and remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	22.35
Switching for company maintenance - charge based on time and materials	\$	T&M

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

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

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

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.

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
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
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		
Total Loss Factor - Secondary Metered Customer < 5,000 kW		1.0432
Total Loss Factor - Secondary Metered Customer > 5,000 kW		1.0149

1.0328

1.0049



## **Incentive Regulation Model for 2019 Filers**

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

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

#### Note

- 1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 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		RPP	1.0432	1.0432	750		N/A	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		RPP	1.0432	1.0432	2,000		N/A	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION		Non-RPP (Other)	1.0432	1.0432	162,500	500	DEMAND	
LARGE USE SERVICE CLASSIFICATION		Non-RPP (Other)	1.0049	1.0049	2,700,000	5,500	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		RPP	1.0432	1.0432	150		N/A	1
SENTINEL LIGHTING SERVICE CLASSIFICATION		Non-RPP (Other)	1.0432	1.0432	150	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION		Non-RPP (Other)	1.0432	1.0432	150	1	DEMAND	1
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION		Non-RPP (Other)	1.0432	1.0432	368,500	794	DEMAND	
STANDBY POWER SERVICE CLASSIFICATION								
RESIDENTIAL SERVICE CLASSIFICATION		RPP	1.0432	1.0432	132		N/A	
RESIDENTIAL SERVICE CLASSIFICATION		Non-RPP (Retailer)	1.0432	1.0432	750		N/A	
RESIDENTIAL SERVICE CLASSIFICATION		Non-RPP (Retailer)	1.0432	1.0432	2,000		N/A	
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

RATE CLASSES / CATEGORIES				Su	ıb-Total		Total	
(eg: Residential TOU, Residential Retailer)	Units	Α			В	С	Total Bil	
		\$	%	\$	%	\$ %	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP								
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP								
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)								
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)								
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP								
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)								
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)								
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - Non-RPP (Other)								
STANDBY POWER SERVICE CLASSIFICATION -								
RESIDENTIAL SERVICE CLASSIFICATION - RPP								
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)								
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)								
							İ	1

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

750 kWh Consumption - kW 1.0432 1.0432 Demand Current Loss Factor

Proposed/Approved Loss Factor

		Current OI	B-Approved	d				Proposed			Impact		
	Ra		Volume		Charge		Rate	Volume		Charge			
	(\$				(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	22.90		\$	22.90	\$	24.83	1		24.83	\$	1.93	8.43%
Distribution Volumetric Rate	\$	0.0026	750		1.95	\$	-	750	\$	-	\$	(1.95)	-100.00%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	750		-	\$	0.0001	750		0.08	\$	0.08	
Sub-Total A (excluding pass through)				\$	24.85				\$	24.91	\$	0.05	0.22%
Line Losses on Cost of Power	\$	0.0820	32	\$	2.66	\$	0.0820	32	\$	2.66	\$	-	0.00%
Total Deferral/Variance Account Rate	s	0.0004	750	\$	0.30	\$	0.0007	750	\$	0.53	\$	0.23	75.00%
Riders	<b>"</b>	0.0004			0.00	Τ.	0.0001		•	0.00	Ψ	0.20	70.0070
CBR Class B Rate Riders	\$	-	750		-	\$	-	750	\$	-	\$	-	
GA Rate Riders	\$	-	750		-	\$	-	750	\$	-	\$	-	
Low Voltage Service Charge	\$	0.0017	750	\$	1.28	\$	0.0017	750	\$	1.28	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	_	0.00%
	*	0.01			0.01	*	0.0.	·		0.01	Ψ		0.0070
Additional Fixed Rate Riders	\$	-	1		-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			750	\$	-	\$	-	750	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	29.65				\$	29.93	\$	0.28	0.94%
Total A)				*					•		*		
RTSR - Network	\$	0.0068	782	\$	5.32	\$	0.0067	782	\$	5.24	\$	(80.0)	-1.47%
RTSR - Connection and/or Line and	\$	0.0058	782	\$	4.54	\$	0.0057	782	\$	4.46	\$	(0.08)	-1.72%
Transformation Connection	<u> </u>			· ·		_			*		_	(0.00)	,,
Sub-Total C - Delivery (including Sub-				\$	39.51				\$	39.63	\$	0.12	0.31%
Total B)				<u> </u>									
Wholesale Market Service Charge	\$	0.0036	782	\$	2.82	\$	0.0036	782	\$	2.82	\$	-	0.00%
(WMSC)	· ·												
Rural and Remote Rate Protection	\$	0.0003	782	\$	0.23	\$	0.0003	782	\$	0.23	\$	-	0.00%
(RRRP)					0.05		0.05		•	0.05			0.000/
Standard Supply Service Charge	\$	0.25	1		0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
TOU - Off Peak	\$	0.0650 0.0940	488	\$	31.69	\$	0.0650	488	\$		\$	-	0.00% 0.00%
TOU - Mid Peak TOU - On Peak	\$		128		11.99		0.0940	128	\$	11.99	9	-	
100 - On Peak	\$	0.1320	135	\$	17.82	\$	0.1320	135	\$	17.82	\$	-	0.00%
					404.00				•	404.40	•	0.40	0.400/
Total Bill on TOU (before Taxes)	1			*	104.30		400/		\$	104.43		0.12	0.12%
HST		13%		\$	13.56		13%		\$		\$	0.02	0.12%
8% Rebate		8%		\$	(8.34)		8%		\$	(8.35)	-	(0.01)	0.4557
Total Bill on TOU				\$	109.52				\$	109.65	\$	0.13	0.12%

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

2,000 kWh Consumption - kW 1.0432 1.0432 Demand Current Loss Factor Proposed/Approved Loss Factor

	Current O	EB-Approved	I		Proposed		Impact		
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 30.84	1	\$ 30.84	\$ 31.16	1	\$ 31.16		1.04%	
Distribution Volumetric Rate	\$ 0.0102	2000	\$ 20.40	\$ 0.0103	2000	\$ 20.60		0.98%	
Fixed Rate Riders	-	1	\$ -	\$ -	1	\$ -	\$ -		
Volumetric Rate Riders		2000		\$ 0.0001	2000				
Sub-Total A (excluding pass through)			\$ 51.24			\$ 51.96		1.41%	
Line Losses on Cost of Power	\$ 0.0820	86	\$ 7.08	\$ 0.0820	86	\$ 7.08	\$ -	0.00%	
Total Deferral/Variance Account Rate	\$ 0.0004	2,000	\$ 0.80	\$ 0.0008	2,000	\$ 1.60	\$ 0.80	100.00%	
Riders			•		*		*		
CBR Class B Rate Riders	-	2,000	\$ -	\$ -		\$ -	\$ -		
GA Rate Riders	\$	2,000	\$ -	\$ -	2,000	\$ -	\$ -		
Low Voltage Service Charge	\$ 0.0015	2,000	\$ 3.00	\$ 0.0015	2,000	\$ 3.00	\$ -	0.00%	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%	
			•	•					
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -		\$ -	\$ -		
Additional Volumetric Rate Riders		2,000	\$ -	\$ -	2,000	\$ -	\$ -		
Sub-Total B - Distribution (includes Sub-			\$ 62.69			\$ 64.21	\$ 1.52	2.42%	
Total A) RTSR - Network	\$ 0.0059	2,086	\$ 12.31	\$ 0.0059	2,086	\$ 12.31	\$ -	0.00%	
RTSR - Connection and/or Line and	\$ 0.0059	2,000	\$ 12.31	\$ 0.0059	2,000	φ 12.31	ъ -	0.00%	
Transformation Connection	\$ 0.0051	2,086	\$ 10.64	\$ 0.0050	2,086	\$ 10.43	\$ (0.21)	-1.96%	
Sub-Total C - Delivery (including Sub-									
Total B)			\$ 85.64			\$ 86.96	\$ 1.31	1.53%	
Wholesale Market Service Charge									
(WMSC)	\$ 0.0036	2,086	\$ 7.51	\$ 0.0036	2,086	\$ 7.51	\$ -	0.00%	
Rural and Remote Rate Protection									
(RRRP)	\$ 0.0003	2,086	\$ 0.63	\$ 0.0003	2,086	\$ 0.63	\$ -	0.00%	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	s -	0.00%	
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50		0.00%	
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96		0.00%	
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320		\$ 47.52		0.00%	
	1,4	555	ψ 11.02	0020	000	Ų 11.02	Ť	0.000	
Total Bill on TOU (before Taxes)	1		\$ 258.01	1		\$ 259.32	\$ 1.31	0.51%	
HST	13%		\$ 33.54	13%		\$ 33.71		0.51%	
8% Rebate	8%		\$ (20.64)	8%		\$ (20.75)		0.0170	
Total Bill on TOU	370		\$ 270.91	070		\$ 272.29		0.51%	
			2.0.01			2.2.20		3.3170	

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

Consumption 162,500 kWh

Demand 500 kW

Current Loss Factor	1.0432
Proposed/Approved Loss Factor	1.0432

	Current (	EB-Approve	d		Proposed	i	Impact			
	Rate	Volume	Charge	Rate	Volume	Charge				
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change		
Monthly Service Charge	\$ 100.01		\$ 100.01	\$ 101.06		\$ 101.06	\$ 1.05	1.05%		
Distribution Volumetric Rate	\$ 3.3126	500		\$ 3.3474	500		\$ 17.40	1.05%		
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -			
Volumetric Rate Riders	\$ -	500		\$ 0.0852	500		\$ 42.60			
Sub-Total A (excluding pass through)			\$ 1,756.31			\$ 1,817.36		3.48%		
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -			
Total Deferral/Variance Account Rate	\$ 0.1666	500	\$ 83.30	\$ 0.2917	500	\$ 145.85	\$ 62.55	75.09%		
Riders	• • • • • • • • • • • • • • • • • • • •		,	Ų 0.2011		1	Φ 02.00	7 0.00 70		
CBR Class B Rate Riders	\$ -	500		\$ -	500		\$ -			
GA Rate Riders	\$ 0.0021	162,500		\$ 0.0007	162,500		\$ (227.50)	-66.67%		
Low Voltage Service Charge	\$ 0.6201	500	\$ 310.05	\$ 0.6201	500	\$ 310.05	\$ -	0.00%		
Smart Meter Entity Charge (if applicable)	• -	1	\$ -	s -	1	\$ -	\$ -			
	•		Ψ -	Ψ -	'	· ·	Ψ			
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -			
Additional Volumetric Rate Riders		500	\$ -	\$ -	500	\$ -	\$ -			
Sub-Total B - Distribution (includes Sub-			\$ 2,490.91			\$ 2.387.01	\$ (103.90)	-4.17%		
Total A)						, , , , ,	,			
RTSR - Network	\$ 2.6031	500	\$ 1,301.55	\$ 2.5821	500	\$ 1,291.05	\$ (10.50)	-0.81%		
RTSR - Connection and/or Line and	\$ 2.1767	500	\$ 1.088.35	\$ 2.1487	500	\$ 1.074.35	\$ (14.00)	-1.29%		
Transformation Connection	Ψ 2.1707	000	Ψ 1,000.00	Ψ 2.1401	000	Ψ 1,074.00	ψ (14.00)	1.2070		
Sub-Total C - Delivery (including Sub-			\$ 4.880.81			\$ 4.752.41	\$ (128.40)	-2.63%		
Total B)			4,000.01			7,732.71	ψ (120.40)	-2.03 /0		
Wholesale Market Service Charge	\$ 0.0036	169,520	\$ 610.27	\$ 0.0036	169.520	\$ 610.27	s -	0.00%		
(WMSC)	0.0030	103,320	Ψ 010.27	ψ 0.0030	103,320	Ψ 010.2 <i>1</i>	Ψ	0.0070		
Rural and Remote Rate Protection	\$ 0.0003	169,520	\$ 50.86	\$ 0.0003	169.520	\$ 50.86	s -	0.00%		
(RRRP)	,		ψ 30.00	φ 0.0003	103,320	Ψ 30.00	Ψ	0.0078		
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%		
Average IESO Wholesale Market Price	\$ 0.1101	169,520	\$ 18,664.15	\$ 0.1101	169,520	\$ 18,664.15	\$ -	0.00%		
Total Bill on Average IESO Wholesale Market Price			\$ 24,206.34			\$ 24,077.94	\$ (128.40)	-0.53%		
HST	139	6	\$ 3,146.82	13%		\$ 3,130.13	\$ (16.69)	-0.53%		
Total Bill on Average IESO Wholesale Market Price			\$ 27,353.16			\$ 27,208.07	\$ (145.09)	-0.53%		
							<u> </u>			

Demand 5,500 kW Current Loss Factor 1.0049 Proposed/Approved Loss Factor 1.0049

		Current O	EB-Approved	I			Proposed		In	npact
	Rate (\$)		Volume	Charge (\$)		Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$	1,526.20	1	\$ 1,526.20	\$	1,542.23	1	\$ 1,542.23		1.05%
Distribution Volumetric Rate	\$	2.3307	5500	\$ 12,818.85	\$	2.3552	5500	\$ 12,953.60	\$ 134.75	1.05%
Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$ -	
Volumetric Rate Riders	\$	-	5500	\$ -	\$	0.0164	5500	\$ 90.20	\$ 90.20	
Sub-Total A (excluding pass through)				\$ 14,345.05				\$ 14,586.03	\$ 240.98	1.68%
Line Losses on Cost of Power	\$	-	-	\$ -	\$	-	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	¢	0.0924	5,500	\$ 508.20	•	0.1228	5,500	\$ 675.40	\$ 167.20	32.90%
Riders	Ψ	0.0324		Ψ 300.20	Ψ	0.1220	-,	Ψ 075.40	Ψ 107.20	32.3070
CBR Class B Rate Riders	\$	-	5,500	\$ -	\$	-	5,500	\$ -	\$ -	
GA Rate Riders	\$	0.0021	2,700,000	\$ 5,670.00	\$	0.0007	2,700,000	\$ 1,890.00		-66.67%
Low Voltage Service Charge	\$	0.6818	5,500	\$ 3,749.90	\$	0.6818	5,500	\$ 3,749.90	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$ -	\$	-	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$	_	1	\$ -	\$	_	1	\$ -	\$ -	
Additional Volumetric Rate Riders	*		5,500	\$ -	\$	-	5,500	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-				\$ 24,273.15				\$ 20,901.33	\$ (3,371.82)	-13.89%
Total A) RTSR - Network	s	2.7620	5.500	\$ 15,191,00	¢	2.7398	5,500	\$ 15.068.90	\$ (122.10)	-0.80%
RTSR - Connection and/or Line and	Φ		-,	*	Ψ		-,	.,	* ' '	
Transformation Connection	\$	2.3930	5,500	\$ 13,161.50	\$	2.3623	5,500	\$ 12,992.65	\$ (168.85)	-1.28%
Sub-Total C - Delivery (including Sub-										
Total B)				\$ 52,625.65				\$ 48,962.88	\$ (3,662.77)	-6.96%
Wholesale Market Service Charge	\$	0.0036	2,713,230	\$ 9,767,63	\$	0.0036	2,713,230	\$ 9.767.63	\$ -	0.00%
(WMSC)	•	0.0000	2,7 10,200	Φ 5,767.00	Ψ.	0.0000	2,710,200	φ 3,707.00	Ψ	0.0070
Rural and Remote Rate Protection	\$	0.0003	2,713,230	\$ 813.97	\$	0.0003	2,713,230	\$ 813.97	\$ -	0.00%
(RRRP)			2,1 10,200	•	Ť		2,1 10,200	*	*	
Standard Supply Service Charge	\$	0.25	1	\$ 0.25	\$	0.25	1	\$ 0.25	*	0.00%
Average IESO Wholesale Market Price	\$	0.1101	2,713,230	\$ 298,726.62	\$	0.1101	2,713,230	\$ 298,726.62	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price				\$ 361,934.12				\$ 358,271.35		-1.01%
HST		13%		\$ 47,051.44		13%		\$ 46,575.28		-1.01%
Total Bill on Average IESO Wholesale Market Price				\$ 408,985.56				\$ 404,846.63	\$ (4,138.93)	-1.01%

Customer Class: UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION RPP / Non-RPP:

	Current O	EB-Approved	i		Proposed		Im	pact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 8.26	1	\$ 8.26	\$ 8.35		\$ 8.35		1.09%
Distribution Volumetric Rate	\$ 0.0015	150	\$ 0.23	\$ 0.0015	150		\$ -	0.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	150		\$ -	150		\$ -	
Sub-Total A (excluding pass through)			\$ 8.49			\$ 8.58	\$ 0.09	1.06%
Line Losses on Cost of Power	\$ 0.0820	6	\$ 0.53	\$ 0.0820	6	\$ 0.53	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ 0.0004	150	\$ 0.06	\$ 0.0005	150	\$ 0.08	\$ 0.02	25.00%
Riders			,	. 0.0000		*	•	20.0070
CBR Class B Rate Riders	\$ -	150	\$ -	\$ -	150	-	\$ -	
GA Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0015	150	\$ 0.23	\$ 0.0015	150	\$ 0.23	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		150	\$ -	\$ -	150	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 9.30			\$ 9.41	\$ 0.10	1.13%
Total A)			*			*	•	
RTSR - Network	\$ 0.0059	156	\$ 0.92	\$ 0.0059	156	\$ 0.92	\$ -	0.00%
RTSR - Connection and/or Line and	\$ 0.0051	156	\$ 0.80	\$ 0.0050	156	\$ 0.78	\$ (0.02)	-1.96%
Transformation Connection	·	.00	Ψ 0.00	<b>V</b> 0.0000	.00	<b>V</b> 00	ψ (0.02)	1.0070
Sub-Total C - Delivery (including Sub-			\$ 11.02			\$ 11.11	\$ 0.09	0.81%
Total B)								
Wholesale Market Service Charge (WMSC)	\$ 0.0036	156	\$ 0.56	\$ 0.0036	156	\$ 0.56	\$ -	0.00%
Rural and Remote Rate Protection		450	• • • • • • • • • • • • • • • • • • • •		450	• • • • •		0.000/
(RRRP)	\$ 0.0003	156	\$ 0.05	\$ 0.0003	156	\$ 0.05	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	98	\$ 6.34	\$ 0.0650	98	\$ 6.34	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	26	\$ 2.40	\$ 0.0940	26	\$ 2.40	\$ -	0.00%
TOU - On Peak	\$ 0.1320	27	\$ 3.56	\$ 0.1320	27	\$ 3.56	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 24.18			\$ 24.27		0.37%
HST	13%		\$ 3.14	13%		\$ 3.16		0.37%
Total Bill on TOU			\$ 27.32			\$ 27.43	\$ 0.10	0.37%

Customer Class: SENTINEL LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP (Other)
Consumption 150 kWh

Demand 1 kW 1.0432

Current Loss Factor Proposed/Approved Loss Factor

	Current O	EB-Approved	1		Proposed		Im	npact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.51	1	\$ 7.51	\$ 7.59	1	\$ 7.59		1.07%
Distribution Volumetric Rate	\$ 0.6728	1	\$ 0.67	\$ 0.6799	1	\$ 0.68	\$ 0.01	1.06%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 8.18			\$ 8.27		1.06%
Line Losses on Cost of Power	\$ 0.1101	6	\$ 0.71	\$ 0.1101	6	\$ 0.71	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ 0.1554	1	\$ 0.16	\$ 0.1769	1	\$ 0.18	\$ 0.02	13.84%
Riders	1.					,	•	
CBR Class B Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
GA Rate Riders	\$ 0.0021	150	\$ 0.32	\$ 0.0007	150	\$ 0.11	\$ (0.21)	-66.67%
Low Voltage Service Charge	\$ 0.4661	1	\$ 0.47	\$ 0.4661	1	\$ 0.47	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	s -	1	\$ -	s -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	*	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 9.83			\$ 9.73	\$ (0.10)	-1.03%
Total A)			·			•		
RTSR - Network	\$ 1.9122	1	\$ 1.91	\$ 1.8968	1	\$ 1.90	\$ (0.02)	-0.81%
RTSR - Connection and/or Line and	\$ 1.6359	1	\$ 1.64	\$ 1.6149	1	\$ 1.61	\$ (0.02)	-1.28%
Transformation Connection	1.0003		Ψ 1.04	ψ 1.0143		Ψ 1.01	ψ (0.02)	1.2070
Sub-Total C - Delivery (including Sub-			\$ 13.38			\$ 13.24	\$ (0.14)	-1.03%
Total B)			Ψ 10.00			Ų 10.24	ψ (0.14)	1.0070
Wholesale Market Service Charge	\$ 0.0036	156	\$ 0.56	\$ 0.0036	156	\$ 0.56	s -	0.00%
(WMSC)	1		*	,		*	*	
Rural and Remote Rate Protection	\$ 0.0003	156	\$ 0.05	\$ 0.0003	156	\$ 0.05	s -	0.00%
(RRRP)	,		*				•	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25		0.00%
Average IESO Wholesale Market Price	\$ 0.1101	150	\$ 16.52	\$ 0.1101	150	\$ 16.52	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 30.76			\$ 30.62		-0.45%
HST	13%		\$ 4.00	13%		\$ 3.98		-0.45%
Total Bill on Average IESO Wholesale Market Price			\$ 34.75			\$ 34.60	\$ (0.16)	-0.45%

Customer Class: STREET LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP: Non-RPP (Other)
Consumption 150 kWh

1 kW 1.0432 1.0432 Demand Current Loss Factor Proposed/Approved Loss Factor

		Current Of	B-Approve	d				Proposed				Im	pact
		Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	\$	Change	% Change
Monthly Service Charge	\$	1.14	1	\$	1.14	\$	1.15	1	\$	1.15		0.01	0.88%
Distribution Volumetric Rate	\$	0.9594	1	\$	0.96	\$	0.9695	1	\$	0.97	\$	0.01	1.05%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	1	\$	-	\$	0.2225	1	\$	0.22	\$	0.22	
Sub-Total A (excluding pass through)				\$	2.10				\$	2.34		0.24	11.56%
Line Losses on Cost of Power	\$	0.1101	6	\$	0.71	\$	0.1101	6	\$	0.71	\$	-	0.00%
Total Deferral/Variance Account Rate	•	0.1454	1	\$	0.15	\$	0.4660	1	\$	0.47	\$	0.32	220.50%
Riders	<b>"</b>	0.1404			0.10	Ψ.	0.4000		Ψ	0.47	Ψ	0.02	220.0070
CBR Class B Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
GA Rate Riders	\$	0.0021	150	\$	0.32	\$	0.0007	150	\$	0.11	\$	(0.21)	-66.67%
Low Voltage Service Charge	\$	0.4552	1	\$	0.46	\$	0.4552	1	\$	0.46	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Fixed Rate Riders	\$	_	1	\$		\$	_	1	\$		\$		
Additional Volumetric Rate Riders	<b>"</b>		1	\$	_	\$	_	1	\$	_	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	3.73				\$	4.08	\$	0.35	9.47%
Total A)									*		٠		
RTSR - Network	\$	1.8926	1	\$	1.89	\$	1.8774	1	\$	1.88	\$	(0.02)	-0.80%
RTSR - Connection and/or Line and	\$	1.5978	1	\$	1.60	\$	1.5773	1	\$	1.58	\$	(0.02)	-1.28%
Transformation Connection						Ľ						. ,	
Sub-Total C - Delivery (including Sub- Total B)				\$	7.22				\$	7.54	\$	0.32	4.40%
Wholesale Market Service Charge	s	0.0036	156	\$	0.56	\$	0.0036	156	\$	0.56	\$	-	0.00%
(WMSC)	T			*		T			*		*		
Rural and Remote Rate Protection	\$	0.0003	156	\$	0.05	\$	0.0003	156	\$	0.05	\$	-	0.00%
(RRRP)	i i	2.25			0.05	Ė				2.05			2 2224
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25		\$	0.25		-	0.00%
Average IESO Wholesale Market Price	\$	0.1101	150	\$	16.52	\$	0.1101	150	\$	16.52	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Price				\$	24.59		4651		\$	24.91		0.32	1.29%
HST		13%		\$	3.20		13%		\$	3.24	\$	0.04	1.29%
Total Bill on Average IESO Wholesale Market Price				\$	27.79	_			\$	28.15	\$	0.36	1.29%

Customer Class: EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION
RPP / Non-RPP: Non-RPP (Other)
Consumption 368,500 kWh

794 kW 1.0432 1.0432 Demand Current Loss Factor Proposed/Approved Loss Factor

	C	urrent OE	B-Approved				Proposed		ı	mpact
	Rate		Volume	Charge		Rate	Volume	Charge		
	(\$)			(\$)		(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$	132.50	1	\$ 132.50	\$	133.89	1	\$ 133.89	\$ 1.39	1.05%
Distribution Volumetric Rate	\$	-	794	\$ -	\$	-	794	\$ -	\$ -	
Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$ -	
Volumetric Rate Riders	\$	-	794	\$ -	\$	-	794		\$ -	
Sub-Total A (excluding pass through)				\$ 132.50				\$ 133.89	\$ 1.39	1.05%
Line Losses on Cost of Power	\$	-	-	\$ -	\$	-	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	•	0.1976	794	\$ 156.89	\$	0.1647	794	\$ 130.77	\$ (26.12	-16.65%
Riders	•	0.1070	-	Ψ 100.00	۳	0.1041		Ψ 100.77	ψ (20.12	10.0070
CBR Class B Rate Riders	\$	-	794	\$ -	\$	-	794	\$ -	\$ -	
GA Rate Riders	\$	0.0021	368,500	\$ 773.85	\$	0.0007	368,500	\$ 257.95	\$ (515.90	
Low Voltage Service Charge	\$	0.6201	794	\$ 492.36	\$	0.6201	794	\$ 492.36	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$ -	\$	-	1	\$ -	\$ -	
	•			•						
Additional Fixed Rate Riders	\$	-	704	\$ -	\$	-	704	\$ -	\$ - \$ -	
Additional Volumetric Rate Riders			794	\$ -	Þ		794	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub- Total A)				\$ 1,555.60				\$ 1,014.97	\$ (540.63	-34.75%
RTSR - Network	s	2.6031	794	\$ 2.066.86	\$	2.5821	794	\$ 2.050.19	\$ (16.67	-0.81%
RTSR - Connection and/or Line and	Ť			* ******	ľ			, , , , , , , , , , , , , , , , , , , ,	*	
Transformation Connection	\$	2.1767	794	\$ 1,728.30	\$	2.1487	794	\$ 1,706.07	\$ (22.23	-1.29%
Sub-Total C - Delivery (including Sub-				\$ 5,350.77				\$ 4,771.23	\$ (579.54	-10.83%
Total B)				\$ 5,350.77				\$ 4,771.23	\$ (579.54	-10.63%
Wholesale Market Service Charge	s	0.0036	384,419	\$ 1,383.91	\$	0.0036	384,419	\$ 1,383.91	s -	0.00%
(WMSC)	*	0.0030	304,413	Ψ 1,505.51	Ψ	0.0030	304,413	Ψ 1,303.31	Ψ -	0.0070
Rural and Remote Rate Protection	e	0.0003	384,419	\$ 115.33	\$	0.0003	384,419	\$ 115.33	s -	0.00%
(RRRP)	*		304,413	•	Ψ		304,413	*	Ψ -	
Standard Supply Service Charge	\$	0.25	1	\$ 0.25	\$	0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$	0.1101	384,419	\$ 42,324.55	\$	0.1101	384,419	\$ 42,324.55	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price				\$ 49,174.80				\$ 48,595.27		
HST		13%		\$ 6,392.72		13%		\$ 6,317.38		
Total Bill on Average IESO Wholesale Market Price				\$ 55,567.53				\$ 54,912.65	\$ (654.88	-1.18%

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

132 kWh Consumption - kW 1.0432 1.0432 Demand Current Loss Factor

Proposed/Approved Loss Factor

		Current Ol	B-Approved	d				Proposed			Impact			
		Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	\$	Change	% Change	
Monthly Service Charge	\$	22.90	1	Ψ	22.90	\$	24.83	1	\$	24.83	\$	1.93	8.43%	
Distribution Volumetric Rate	\$	0.0026	132	\$	0.34	\$	-	132	\$	-	\$	(0.34)	-100.00%	
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Volumetric Rate Riders	\$	-	132		-	\$	0.0001	132		0.01	\$	0.01		
Sub-Total A (excluding pass through)				\$	23.24				\$	24.84	\$	1.60	6.88%	
Line Losses on Cost of Power	\$	0.0820	6	\$	0.47	\$	0.0820	6	\$	0.47	\$	-	0.00%	
Total Deferral/Variance Account Rate	\$	0.0004	132	\$	0.05	\$	0.0007	132	¢	0.09	\$	0.04	75.00%	
Riders	Ψ	0.0004	_		0.03	Ψ	0.0007	_		0.03	Ψ	0.04	73.007	
CBR Class B Rate Riders	\$	-	132	\$	-	\$	-	132		-	\$	-		
GA Rate Riders	\$	-	132	\$	-	\$	-	132		-	\$	-		
Low Voltage Service Charge	\$	0.0017	132	\$	0.22	\$	0.0017	132	\$	0.22	\$	-	0.00%	
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%	
Additional Fixed Rate Riders	\$	_	1	\$	-	\$	_	1	\$	_	\$	-		
Additional Volumetric Rate Riders	1		132	\$	-	\$	-	132	\$	-	\$	-		
Sub-Total B - Distribution (includes Sub-				\$	24.56				s	26.20	s	1.64	6.68%	
Total A)				Þ	24.56				4	20.20	Þ	1.04	0.00%	
RTSR - Network	\$	0.0068	138	\$	0.94	\$	0.0067	138	\$	0.92	\$	(0.01)	-1.47%	
RTSR - Connection and/or Line and Transformation Connection	\$	0.0058	138	\$	0.80	\$	0.0057	138	\$	0.78	\$	(0.01)	-1.72%	
Sub-Total C - Delivery (including Sub-				\$	26.29				\$	27.91	s	1.61	6.13%	
Total B)				Ψ	20.23				Ψ	27.31	Ψ	1.01	0.1370	
Wholesale Market Service Charge (WMSC)	\$	0.0036	138	\$	0.50	\$	0.0036	138	\$	0.50	\$	-	0.00%	
Rural and Remote Rate Protection	\$	0.0003	138	s	0.04	\$	0.0003	138	\$	0.04	\$	_	0.00%	
(RRRP)					0.05		0.05		\$	0.05			0.000	
Standard Supply Service Charge	3	0.25 0.0650	1	Ψ	0.25 5.58	\$	0.25 0.0650	1 86	-	0.25 5.58	\$	-	0.00%	
TOU - Off Peak TOU - Mid Peak	\$	0.0650	86	\$	2.11	\$	0.0650	22	\$	2.11	\$	-	0.00%	
TOU - Mid Peak TOU - On Peak	T		22			\$		24				-		
100 - On Peak	\$	0.1320	24	\$	3.14	\$	0.1320	24	\$	3.14	\$		0.00%	
Total Bill on TOU (before Taxes)				\$	37.90				\$	39.51		1.61	4.25%	
HST		13%		\$	4.93	1	13%		\$	5.14	\$	0.21	4.25%	
8% Rebate		8%		\$	(3.03)	1	8%		\$	(3.16)	\$	(0.13)		
Total Bill on TOU				\$	39.80				\$	41.49	\$	1.69	4.25%	

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION
RPP / Non-RPP: Non-RPP (Retailer)
Consumption 750 kWh - kW Demand Current Loss Factor Proposed/Approved Loss Factor 1.0432 1.0432

	Current O	EB-Approved	d		Proposed		In	npact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.90	1	\$ 22.90	\$ 24.83	1	\$ 24.83	\$ 1.93	8.43%
Distribution Volumetric Rate	\$ 0.0026	750	\$ 1.95	\$ -	750	\$ -	\$ (1.95)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	750		\$ 0.0001	750			
Sub-Total A (excluding pass through)			\$ 24.85			\$ 24.91	\$ 0.05	0.22%
Line Losses on Cost of Power	\$ 0.1101	32	\$ 3.57	\$ 0.1101	32	\$ 3.57	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ 0.0004	750	\$ 0.30	\$ 0.0007	750	\$ 0.53	\$ 0.23	75.00%
Riders	1.					,		
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ 0.0021	750	\$ 1.58	\$ 0.0007	750	\$ 0.53		-66.67%
Low Voltage Service Charge	\$ 0.0017	750	\$ 1.28	\$ 0.0017	750	\$ 1.28	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
	1	1					*	0.007
Additional Fixed Rate Riders	-	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 32.14			\$ 31.37	\$ (0.77)	-2.40%
Total A)							. ,	
RTSR - Network	\$ 0.0068	782	\$ 5.32	\$ 0.0067	782	\$ 5.24	\$ (0.08)	-1.47%
RTSR - Connection and/or Line and	\$ 0.0058	782	\$ 4.54	\$ 0.0057	782	\$ 4.46	\$ (0.08)	-1.72%
Transformation Connection	·						. ,	
Sub-Total C - Delivery (including Sub-			\$ 42.00			\$ 41.07	\$ (0.93)	-2.21%
Total B)			*				. ,	
Wholesale Market Service Charge	\$ 0.0036	782	\$ 2.82	\$ 0.0036	782	\$ 2.82	\$ -	0.00%
(WMSC)				•			1	
Rural and Remote Rate Protection	\$ 0.0003	782	\$ 0.23	\$ 0.0003	782	\$ 0.23	\$ -	0.00%
(RRRP)								
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
				1				
Total Bill on Non-RPP Avg. Price			\$ 127.62			\$ 126.70		-0.73%
HST	13%		\$ 16.59	13%		\$ 16.47	\$ (0.12)	-0.73%
8% Rebate	8%	•		8%				
Total Bill on Non-RPP Avg. Price			\$ 144.21			\$ 143.17	\$ (1.05)	-0.73%

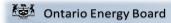
| Customer Class: | RESIDENTIAL SERVICE CLASSIFICATION | RPP / Non-RPP: | Non-RPP (Retailer) | Consumption | 2,000 | kWh Demand kW Current Loss Factor 1.0432 1.0432 Proposed/Approved Loss Factor

		Current O	EB-Approved	ı			Proposed			mpact
		Rate (\$)	Volume	Charge (\$)		Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$	22.90	1	\$ 22.9	0 \$	24.83	1	\$ 24.83		
Distribution Volumetric Rate	\$	0.0026	2000	\$ 5.2	0 \$	-	2000	\$ -	\$ (5.20	-100.00%
Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$ -	,
Volumetric Rate Riders	\$	-	2000	\$ -	\$	0.0001	2000	\$ 0.20	\$ 0.20	
Sub-Total A (excluding pass through)				\$ 28.1	0			\$ 25.03	\$ (3.07	-10.93%
Line Losses on Cost of Power	\$	0.1101	86	\$ 9.5	1 \$	0.1101	86	\$ 9.51	\$ -	0.00%
Total Deferral/Variance Account Rate	e	0.0004	2,000	\$ 0.8	۰	0.0007	2,000	\$ 1.40	\$ 0.60	75.00%
Riders	Ą	0.0004	2,000	Φ 0.0	0 9	0.0007	2,000	φ 1.40	\$ 0.00	75.00%
CBR Class B Rate Riders	\$	-	2,000	\$ -	\$	-	2,000	\$ -	\$ -	
GA Rate Riders	\$	0.0021	2,000	\$ 4.2			2,000	\$ 1.40		
Low Voltage Service Charge	\$	0.0017	2,000	\$ 3.4	0 \$	0.0017	2,000	\$ 3.40	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$ 0.5	7 \$	0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	s	_	1	\$ -	\$	_	1	s -	s -	
Additional Volumetric Rate Riders	*		2,000	\$ -	\$	_	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			_,,,,,	\$ 46.5			_,	\$ 41.31		11.31%
Total A)				•	_			•	, ,	•
RTSR - Network	\$	0.0068	2,086	\$ 14.1	9 \$	0.0067	2,086	\$ 13.98	\$ (0.2	-1.47%
RTSR - Connection and/or Line and	\$	0.0058	2,086	\$ 12.1	0 \$	0.0057	2,086	\$ 11.89	\$ (0.2	-1.72%
Transformation Connection	۳	0.0000	2,000	Ψ 12.1	· •	0.0007	2,000	Ψ 11.00	Ψ (0.2	1.7270
Sub-Total C - Delivery (including Sub-				\$ 72.8	7			\$ 67.18	\$ (5.69	-7.80%
Total B)								• • • • • • • • • • • • • • • • • • • •	<b>(0.0.</b>	,
Wholesale Market Service Charge (WMSC)	\$	0.0036	2,086	\$ 7.5	1 \$	0.0036	2,086	\$ 7.51	\$ -	0.00%
Rural and Remote Rate Protection										
(RRRP)	\$	0.0003	2,086	\$ 0.6	3 \$	0.0003	2,086	\$ 0.63	\$ -	0.00%
Standard Supply Service Charge										
Non-RPP Retailer Avg. Price	\$	0.1101	2,000	\$ 220.2	0 6	0.1101	2,000	\$ 220.20	s -	0.00%
Nor-KFF Ketaller Avg. Flice	ų.	0.1101	2,000	Ψ 220.2	υψ	0.1101	2,000	Ψ 220.20	Ψ -	0.0070
Total Bill on Non-RPP Avg. Price	1			\$ 301.2	1			\$ 295.52	\$ (5.69	-1.89%
HST		13%		\$ 39.1		13%		\$ 38.42		
8% Rebate		8%		Ţ 00	-	8%		00.12	÷ (0	1.5575
Total Bill on Non-RPP Avg. Price		070		\$ 340.3	7	070		\$ 333.94	\$ (6.43	-1.89%
g.									(4.1.)	



## **ATTACHMENT B**

GA Analysis Workform



## **GA Analysis Workform**

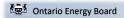
Version 1.0

Account 1589	Global Ad	iustment (GA)	Analysis	Workform

	Input cells Drop down cells		
		Utility Name	ENTEGRUS POWERLINES INC.
lote 1	Year(s) Requested for Disposition		□ 2014
			<b>2015</b>
			<b>2016</b>
			☑ 2017

#### Note 7 Summary of GA (if multiple years requested for disposition)

	Annual Net Change in Expected GA Balance from GA Analysis (cell			Adjusted Net Change in Principal Balance in the	Unresolved	\$ Consumption at Actual Rate Paid	of Expected GA
Year	K51)	GL (cell C62)	to C75)	GL (cell C76) Difference		(cell J51)	Payments to IESO
2014	\$	\$ -	\$ -	\$	\$ -	\$ -	0.0%
2015	-	\$ -	\$ -	\$	\$ -	\$ -	0.0%
2016	-	\$ -	\$ -	\$	\$ -	\$ -	0.0%
2017	\$ 422,786	\$ 146,981	-\$ 98,446	\$ 48,535	-\$ 374,251	\$ 37,890,629	-1.0%
Cumulative Balance	\$ 422,786	\$ 146,981	-\$ 98,446	\$ 48,535	-\$ 374,251	\$ 37,890,629	N/A



## **GA Analysis Workform**

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

Year		2017		
Total Metered excluding WMP	C = A+B	886,519,569	kWh	100%
RPP	A	381,163,425	kWh	43.0%
Non RPP	B = D+E	505,356,144	kWh	57.0%
Non-RPP Class A	D	119,238,264	kWh	13.5%
Non-RPP Class B*	E	386,117,880	kWh	43.6%

\*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below.

The difference should be equal to the lose factor.

#### Note 3 GA Billing Rate

GA is billed on the 1st Estimate

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

#### Note 4 Analysis of Expected GA Amount

Year	2017								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)		Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)		\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	29,363,041	33,834,385	39,691,757	35,220,413	0.06687	\$ 2,355,189	0.08227	\$ 2,897,583	\$ 542,394
February	36,485,017	39,691,757	34,723,054	31,516,315	0.10559	\$ 3,327,808	0.08639	\$ 2,722,694	-\$ 605,113
March	32,243,265	34,723,054	38,438,214	35,958,425	0.08409	\$ 3,023,744	0.07135	\$ 2,565,634	-\$ 458,110
April	35,493,840	38,438,214	34,682,411	31,738,036	0.06874	\$ 2,181,673	0.10778	\$ 3,420,726	\$ 1,239,053
May	31,027,776	34,682,411	38,613,998	34,959,363	0.10623	\$ 3,713,733	0.12307	\$ 4,302,449	\$ 588,716
June	34,973,258	38,613,998	40,706,484	37,065,745	0.11954	\$ 4,430,839	0.11848	\$ 4,391,549	-\$ 39,290
July	27,916,004	40,706,484	42,094,750	29,304,269	0.10652	\$ 3,121,491	0.11280	\$ 3,305,522	\$ 184,031
August	37,415,983	42,094,750	34,965,760	30,286,994	0.11500	\$ 3,483,004	0.10109	\$ 3,061,712	-\$ 421,292
September	18,847,444	34,965,760	44,219,214	28,100,898	0.12739	\$ 3,579,773	0.08864	\$ 2,490,864	-\$ 1,088,910
October	28,289,030	44,219,214	44,319,635	28,389,451	0.10212	\$ 2,899,131	0.12563	\$ 3,566,567	\$ 667,436
November	34,393,176	44,319,635	37,681,158	27,754,700	0.11164	\$ 3,098,535	0.09704	\$ 2,693,316	-\$ 405,219
December	31,174,803	37,681,158	33,355,638	26,849,282	0.08391	\$ 2,252,923	0.09207	\$ 2,472,013	\$ 219,090
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	377.622.637	463.970.820	463.492.073	377.143.890		\$ 37.467.843		\$ 37.890.629	\$ 422,786

Calculated Loss Factor

0.9768

#### Note 5 Reconciling Items

Item	Amount	Explanation
Net Change in Principal Balance in the GL (i.e. Transactions in the		
Year)	\$ 146,981	
True-up of GA Charges based on Actual Non-RPP Volumes		Effective December 31, 2016, Entegrus commenced calculating the necessary RPP true up in January and
1a prior year	\$ -	accruing for the adjustment prior to the year end close. Accordingly, the 2017 balance does not have any 2016
True-up of GA Charges based on Actual Non-RPP Volumes		
1b current year		
		Reversal from 2016 GA Analysis Workform related to December 2016 estimate/actual variances recorded in the
2a Remove prior year end unbilled to actual revenue differences	-\$ 5,791	G/L in January 2017.
		2017 Non-RPP unbilled true up recorded in 2018 general ledger. These amounts have not been accrued for in
2b Add current year end unbilled to actual revenue differences	-\$ 83,112	
Remove difference between prior year accrual/forecast to		Reversal from 2016 GA Analysis Workform related to 2016 LTLT amounts booked in 2017 (which were not
3a actual from long term load transfers	\$ 85,762	accrued for in 2016.)
Add difference between current year accrual/forecast to		
3b actual from long term load transfers	-\$ 18,832	Balance reflects 2017 LTLT amounts booked in 2018. These amounts have not been accrued for in 2017.
4 Remove GA balances pertaining to Class A customers	s -	Not Applicable. All Class A amounts are handled separately from this account and do not generate any variances.
Significant prior period billing adjustments recorded in current		
5 year	\$ -	Entegrus made no prior period billing adjustments.
Differences in GA IESO posted rate and rate charged on		
6 IESO invoice	\$ 33,626	Please see Entegrus Response to Question 3 dated November 16, 2018.
7 Differences in actual system losses and billed TLFs		
8 Others as justified by distributor	-\$ 132,775	RPP settlement and volumetric true up relating to 2017 activity posted in 2018.
9 HONI Expense purchase true up	\$ 37,134	Reversal from 2016 GA Analysis Workform related to December 2016 estimate/actual variances recorded in the
10	-\$ 14,458	Please see Entegrus Response to Question 3 dated November 16, 2018 related to the RPP Allocation of IESO

Note 6	Adjusted Net Change in Principal Balance in the GL	\$	48,535
	Net Change in Expected GA Balance in the Year Per		
	Analysis	\$	422,786
	Unresolved Difference	-\$	374,251
	Unresolved Difference as % of Expected GA Payments	3	
	to IESO		-1.0%



## **ATTACHMENT C**

LRAMVA Workform

#### LRAMVA Work Form: Summary Tab

Version 2.0 (2017)

Legend

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

LDC Name

1

#### 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
 EB-2016-0063

 Previous LRAMVA Application (EBII)
 EB-2016-0063

 Application of Previous LRAMVA Claim
 E017 IRM

 Period of LRAMVA Claimed in Previous Application
 2015

 Amount of LRAMVA Claimed in Previous Application
 \$ 294,593.00

| B. Current LRAMVA Application (EB#) | EB-2018-0024 | Application Current LRAMVA Application (ED#) | 2019 | RM application | 2019 | RM application | 2016 | Actual Lost Revenues (\$) | A | \$ 274,682 | Forecast Lost Revenues (\$) | B | \$ 129,054 | Carrying Charges (\$) | C | \$ 6,247 | LRAMVA (\$) for Account 1568 | A-B+C | \$ 151,876

C. Documentation of Changes
Original Amount

Amount for Final Disposition

\$ 152,720.00

#### 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 riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim.

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	\$38,094	\$1,634	\$39,729
GS<50 kW	kWh	\$6,145	\$264	\$6,408
GS 50 to 4,999 kW	kW	\$96,151	\$4,125	\$100,276
Large Use	kW	\$2,850	\$122	\$2,973
Unmetered Scattered Load	kWh	\$0	\$0	\$0
Sentinel Lighting	kW	\$0	\$0	\$0
Street Lighting	kW	\$2,388	\$102	\$2,490
Standby Power	kW	\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$145,628	\$6,247	\$151,876

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

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

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

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	Standby Power							Total
		kWh	kWh	kW	kW	kWh	kW	kW	kW	0	0	0	0	0	0	
2011 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast	_	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2013 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2014 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2015 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2016 Actuals		\$61,077.98	\$50,609.13	\$154,890.03	\$3,182.08	\$0.00	\$0.00	\$4,922.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$274,681.98
2016 Forecast		(\$22,983.70)	(\$44,464.40)	(\$58,738.92)	(\$331.75)	\$0.00	\$0.00	(\$2,535.11)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$129,053.88)
Amount Cleared																
Carrying Charges		\$1,634.24	\$263.61	\$4,124.88	\$122.28	\$0.00	\$0.00	\$102.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,247.45
Total LRAMVA Balance		\$39,729	\$6,408	\$100,276	\$2,973	\$0	\$0	\$2,490	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$151,876

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	3. Distribution Rates	118:167	For first 4 months of 2016, needed to calculated merged rates across rate zones	Weighted rates in individual zones by billed amounts as shown on Tab 3 B139:D198
2	4. 2011-2014 LRAM	AE526:AE531	Street light savings from 2014 calculated separately, as shown on Tab 8	
3	5. 2015-2020 LRAM	Entire tab	Sorted programs according to IESO 2017 final verified results report, hid some rows with	Simplifies comparison with source document
4	5. 2015-2020 LRAM	AE212:AE216	Streetlight savings persistence from 2015 calculated separately, as shown on Tab 8	
5	5. 2015-2020 LRAM	AE384	Streetlight savings in 2016 calculated on Tab 8	
6	5. 2015-2020 LRAM	AE398:AE401	Streetlight savings persistence from 2016 calculated separately, as shown on Tab 8	
7	6. Carrying Charges	C46:C48	Estimated carrying charges rate through Q2 2019	Used most recent value
8	6. Carrying Charges	H139:H140	Removed carrying charge rates for May-Jun 2019	Not claiming carrying charges after April 2018
9	4. 2011-2014 LRAM	D436:F436	Streetlight kWh savings shown on Tab 8 are excluded from totals for the Retrofit program	Streetlight savings are calculated separately
10	5. 2015-2020 LRAM	Rows 168,245	Streetlight kWh savings shown on Tab 8 are excluded from totals for the Retrofit program	Streetlight savings are calculated separately
11	5. 2015-2020 LRAM	D182,O182	IESO reported savings in 2015 divided by four	Facility only operated for 3 months in 2015, persistence will be for 12 months
12	5. 2015-2020 LRAM	P182:Y182	Removed CHP project in 2016 onward	Because of way standby rate was changed in 2016 rate case, there is no revenue lost

#### 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	5. 2015-2020 LRAM	Z168	Allocation of streetlighting removal from retrofit program in GS<50	Value was missing (Board staff Q14, Nov 2018)
2	6. Carrying Charges	C46:C48	Prescribed interest rates for Q4 2018 updated to OEB value, Q1 and Q2 set to Q4 2018	Was not available at time of original filing (Board staff Q15, Nov 2018)
3	8. Streetlighting	D23, E42	Corrections to NTG values for streetlighting project in 2014	Correction prompted by Board staff (Q13c, Nov 2018)
4				
5				
6				
7				
8				
9				
10				
etc.				



### **LRAMVA Work Form: Forecast Lost Revenues**

Version 2.0 (2017)

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

Table 2-a. LRAMVA Threshold

2012

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	Standby Power						
		kWh	kWh	kW	kW	kWh	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0	0	0	0	0	0	0	0	0	0	0	0			
kW	0	0	0	0	0	0	0	0	0	0	0	0			
Summany		0	n	0	0	0	n	0	0	0	n	n	n	0	0

Basis of Threshold Source of Threshold

Table 2-b. LRAMVA Threshold

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 drieshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. 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	Standby Power						
		kWh	kWh	kW	kW	kWh	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
kWh	7.138.571	2.736.155	4.402.416	0	0	0	0	0	0	0	0	0			
kW	20,675	0	0	17,935	217	0	0	2,523	0	0	0	0			
Summary		2736155	4402416	17935	217	0	0	2523	0	0	0	0	0	0	0

Basis of Threshold 2014 + 2015 + 2016

Source of Threshold 2016 settlement agreement p. 42 (appended to decision on EB-2015-0061)

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

Please complete hable 2-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 w

Year	LRAMVA Threshold	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Standby Power						
		kWh	kWh	kW	kW	kWh	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
2011															
2012															
2013															
2014															
2015															
2016	2016	2,736,155	4,402,416	17,935	217	0	0	2,523	0	0	0	0	0	0	0

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

# **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.

	Billing Unit	EB-2009-0202	EB-2010	-0098	dated 2 and upd	2012-0148 2012-04-18 ated in EB-	EB-2012	-0119	EB-20	013-0120	Е	B-2014-0064	EB-2015	-0061	EB-2016-0	063	EB-2017-00	33	EB-2018-0024	EB-2019-XXX	X E	EB-2020-XXXX
Rate Year		2010	201	1	2	2012	201	3	2	2014		2015	201	6	2017		2018		2019	2020		2021
Period 1 (# months)		4	4			4	4			4		4	4									
Period 2 (# months)		8	8			8	8			8		8	8		12		12		12	12		12
Residential	kWh	\$ -	\$	-	\$		\$	-	\$	-	\$	0.0099	\$	0.0077								
Adjusted rate	KVVII	\$ -	\$	-	\$	-	\$	-	\$	-	\$	0.0099	\$	0.0077	\$	-	\$ -	.	\$ -	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	0.0066	\$	0.0084	\$	-	\$		\$ -	\$	•	
GS<50 kW	1340	\$ -	\$		\$		\$	-	\$	-	\$	0.0104	\$	0.0099								
Adjusted rate	kWh	\$ -	\$	-	\$	-	\$	-	\$	-	\$	0.0104	\$	0.0099	\$	-	\$ -		\$ -	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	0.0069	\$	0.0101	\$	-	\$ -		\$ -			
GS 50 to 4,999 kW		\$ -	\$	-	\$	-	\$	-	\$	-	\$	3.3816	\$	3.2218								
Adjusted rate	kW	\$ -	\$	-	\$	-	\$	-	\$	-	\$	3.3816		3.2218	\$	-	\$ -		\$ -	\$	-	
Calendar year equivalent	1	1 *	\$	-	\$	-	\$	-	\$	-	\$	2.2544		3.2751			\$ -		\$ -	· .	-	
Large Use	kW	\$ -	\$	-	\$	-	\$	-	\$	-	\$	0.0527		2.2668								
Adjusted rate	KVV	\$ -	\$	-	\$	-	\$		\$	-	\$	0.0527	\$	2.2668	\$	-	\$ -		\$ -	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	0.0351	\$	1.5288	\$	-	\$ -	•	\$ -	\$	•	
Unmetered Scattered Load	kWh	\$ -	\$	-	\$	-	\$	-	\$	-	\$	0.0019	\$	0.0015								
Adjusted rate	KVVN	\$ -	\$	-	\$	-	\$	-	\$	-	\$	0.0019	\$	0.0015	\$	-	\$ -		\$ -	\$	-	
Calendar year equivalent	·		\$	-	\$	-	\$	-	\$	-	\$	0.0012	\$	0.0016	\$	-	\$ -		\$ -	\$	•	
Sentinel Lighting	kW	\$ -	\$	-	\$	-	\$	-	\$	-	\$	0.4442	\$	0.6543								
Adjusted rate	KVV	\$ -	\$	-	\$	-	\$	-	\$	-	\$	0.4442	\$	0.6543	\$	-	\$ -		\$ -	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	0.2961	\$	0.5843	\$	-	\$ -		\$ -	\$	-	
Street Lighting	kW	\$ -	\$	-	\$	-	\$	-	\$	-	\$	1.1481		0.9331								
Adjusted rate	11.4.4	\$ -	\$	-	\$	-	\$	-	\$	-	\$	1.1481		0.9331			Ψ		\$ -	Ψ	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	0.7654	\$	1.0048	\$	-	\$	•	\$ -	\$	•	
Standby Power	kW	\$ -	\$	-	\$	-	\$	-	\$	-		1.7535		3.2218								
Adjusted rate	****	\$ -	\$	-	\$	-	\$	-	\$	-	\$	1.7535		3.2218			<del>*</del>		\$ -		-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	1.1690	\$	2.7324	\$	-	\$ -	•	\$ -	\$	-	

Note: See calculation of merged rates for Entegrus in Table below row 138

## 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 to 4,999 kW		Unmetered Scattered Load		Street Lighting							
	kWh	kWh	kW	kW	kWh	kW	kW	kW	0	0	0	0	0	0
2011														
2012														
2013														
2014														
2015		-		-					-					
2016	\$0.0084	\$0.0101	\$3.2751	\$1.5288	\$0.0016	\$0.5843	\$1.0048	\$2.7324	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: Rates prior to 2016 have been removed as LRAMVA for earlier years has already been recovered.



# 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.



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

Version 2.0 (201

Legend

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

Instruction

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 
2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order to pressuring savings to be claimed in face 2012 program savings above. In the IESO adjustments were made available to the IDC after the IRMMA was approved. The pressuring adjustments for the Other can be claimed approved IRMMA manual search could be offered adjustments are considered by adjustment and adjustments are considered by adjustments are considered by adjustment and adjustments are considered by adjustments are considered by adjustment and adjustments are considered by adjustment and adjustments are considered by adjustments are co

The work forms below include the monthly multiplies for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multiplies indicated in the CEB's updated LPAM policy related to peak demand savings in EB 20/16-0182. Demand Response (PRI) savings should per even in the LPAMN reached action, unless supported by empirical evidence. LDCs are requested to confirm the monthly multiplies to all programs early year as placeded relates are provided. It is different monthly in sulliplier suced, in each legal and the part of the programs can be under the confirmation of the properties of the programs can be under the program can be under the programs can be under the program can be under the programs can be under the programs can be under the programs can be under the program can be und

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 4-a. 2011 Lost Revenues

Table 4-b. 2012 Lost Revenues

Table 4-c. 2013 Lost Revenues

Table 4-a. 2011 Lost Revenues Work Form	1	,																																
Program	Results	Net Energy Savings (kWh)			Net Energy Sav	vings Persiste	ence (kWh)			Monthly	Net Demand Savings (kW)			Net Pe	ak Demand Sa	vings Pers	istence (kW)									Rate Allo	ations for LRAN	//////////////////////////////////////						
Consumer Program	Status	2011	2012	2013 20	14 2015	2016	2017 20	118 2019	2020	Multiplier	2011	2012	2013	2014	2015	2016 2	017 2018	2019	2020 F	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Standby Power		0	0		0		Total
Appliance Retirement Adjustment to 2011 savings	Verified True-up									E		$\blacksquare$								100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Appliance Exchange Adjustment to 2011 savings	Verified True-up																			100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
3 HVAC Incentives Adjustment to 2011 savings	Verified True-up									E										100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
4 Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up									E										100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up									E										100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Retailer Co-op Adjustment to 2011 savings	Verified True-up									E										100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Z Residential Demand Response Adjustment to 2011 savings	Verified True-up									E										100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Residential Demand Response (IHD) Adjustment to 2011 savings	Verified True-up									E										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction Adjustment to 2011 savings	Verified True-up									E										100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Business Program  10 Retrofit Adjustment to 2011 savings	Verified True-up									12 12										0.00%	<b>63.00%</b> 63.00%	<b>37.00%</b> 37.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
11 Direct Install Lighting Adjustment to 2011 savings	Verified True-up									12										0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
12 Buildina Commissionina Adiustment to 2011 savinas	Verified True-up									3						Ī				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
13 New Construction Adjustment to 2011 savings	Verified True-up									12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
14 Eneray Audit Adjustment to 2011 savinas	Verified True-up									12 12		$\blacksquare$								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
15 Small Commercial Demand Response Adjustment to 2011 savings	Verified True-up									E		$\blacksquare$								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response (IHD)	Verified True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2011 savings  17 Demand Response 3  Adjustment to 2011 savings	Verified True-up									- F		÷								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program  18 Process & System Upgrades	Verified									12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2011 savings  19 Monitoring & Targeting	True-up Verified									12		丰				ŧ				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2011 savings 20 Energy Manager	True-up Verified									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%
Adjustment to 2011 savings	True-up Verified									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%
Adjustment to 2011 savings 22 Demand Response 3	True-up Verified									12		丰				=				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2011 savings	True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23 Home Assistance Program Adjustment to 2011 savings	Verified True-up									E										100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Aboriginal Program  24 Home Assistance Program Adiustment to 2011 savings	Verified True-up									E										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
25 Direct Install Lighting Adjustment to 2011 savings	Verified True-up									0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program	Verified									12										0.00%	33.00%	33.00%	34.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2011 savinos  27 High Performance New Construction	True-up Verified									12										0.00%	0.00%	33.00% <b>50.00%</b>	34.00% 50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2011 savings  Ze Toronto Comprehensive	True-up Verified									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%
Adjustment to 2011 savinos 29 Multifamily Energy Efficiency Rebates	True-up Verified									0		#			=	$\pm$				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2011 savings  LDC Custom Programs Adjustment to 2011 savings	True-up Verified									0		#			=	t				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%		0.00%		0.00%	0.00%	0.00%	0%
Adjustment to 2011 savings  Other Program Enabled Savings	True-up									0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	OF:
Adjustment to 2011 savings	Verified True-up									0		丰							=	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Time of Use Savings	Verified									U										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%

djustment to 2011 savings	True-up									0	1									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
DC Pilots djustment to 2011 savings	Verified True-up									0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
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istribution Rate in 2011 ost Revenue in 2011 from 2011 progran orecast Lost Revenues in 2011 RAMVA in 2011	ns					•					-									\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00						
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able 4-b. 2012 Lost Revenues Work Fo	rm	Net Energy Savings (kWh)			Net Er	nergy Saving	s Persistence (	(Wh)			Net E	lemand gs (kW)			Net Peak De	emand Savin	gs Persisten	e (kW)								Rate A	llocations for LF	RAMVA						
Program	Results Status	2012	2013	2014	2015	2016	2017 201	3 2019	2020 200	Month Multipli	ly ier 2	012	2013	2014 2	015 20	016 2017	2018	2019	2020 2021	Residentia	GS<50 kW	GS 50 to 4,95 kW	large Use	Unmetere Scatterer Load	Sentinel Lighting	Street Lightin	g Standby Power							Total
nsumer Program pliance Retirement justment to 2012 savings	Verified True-up																			kWh 19.28%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	19
nliance Exchange	Verified									=					_					19 28%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11

Part	2011 Savings Persisting in 2020 Note: LDC to make note of key assumptions include																0	0				0	0	0	0	0				_
Part		ed above	Potum to top																											
Part	able 45. 2012 Cost Revenues Work Form		Net Energy Savings (kWh)		Net E	nergy Savings Persi	stence (kWh)			Net Demand Savings (kW)		Net Peak	Demand Saving	gs Persistence (kW)								Rate Alloc	ations for LRA	MVA						
STATE OF THE PARTY	Program	Results Status		2012 2014	2015	2016 2017	2019 2019	2020 202	Monthly Multiplier			2015	2016 2017	2019 2019	2020 2021	Peridential	G9-50 PW	GS 50 to 4,999	Largelline	Unmetered	Sentinel	Street Liebting	Standby							To
Column   C	December 1		2012	2013	2013	2010 2011	2010	2020		2012	2010	2015	2010	2010 2013	2020 2021	100	UJO SOVATI	kW	Linge Oak	Load	Lighting	onest Egining	Power						_	
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Company   Comp	opliance Exchange															_	0.00%		0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%				19
The second state   1	djustment to 2012 savings															19.28%	0.00%	0.00%		0.00%	0.00%						0.00%	0.00%	0.00%	
The second content of the second content o	VAC Incentives fjustment to 2012 savings	Verified True-up														19.28%	0.00%	0.00%	0.00%		0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
THE COLOUT STATE OF THE CO	onservation Instant Coupon Booklet djustment to 2012 savings	Verified True-up														19.28% 19.28%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	1
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THE	justment to 2012 savings															19.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	
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The second content of the content	esidential Demand Response (IHD)	Verified Transum														19.28%	0.00%	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
STATE																	0.00%				0.00%		0.00%			0.00%				1
THE STATE OF THE S		True-up														19.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
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The part of the pa	lustrial Program icess & System Upgrades	Verified							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%	
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See the search of proper which the search of pro									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%	
The properties of 12 along the properties (12) along the properties (1									12							0.00%	0.00%	19.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
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The Apparature Porcease Processor Pr	me Assistance Program	Verified True-up														19% 19.28%	0.00%	0.00%	0%	0.00%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
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Verlied	nect Install Linhting liustment to 2012 savings	Verified True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
A Performance New Construction	e-2011 Programs completed in 2011	Verified							42							0.00%	0.00%	0.009	0.00%	0.00%	0.00%	0.00%	0.009	0.00%	0.00%	0.009/				
Verled   0   0   0   0   0   0   0   0   0		True-up							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%	
The second of the content of the c	th Performance New Construction justment to 2012 savings	Verified True-up							12 12									19.92% 19.92%	0.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The second of the content of the c	onto Comprehensive	Verified							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Control Property   Control Pro	Itifamily Energy Efficiency Rebates	Verified							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
Number   N	fjustment to 2012 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
red the Salege	L Gustom Programs justment to 2012 savings	Verified True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Trace   Verled   0   0   0   0   0   0   0   0   0	her ogram Enabled Savings	Verified							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
Company   Comp									0				7			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	
Company   Comp	ustment to 2012 savings								0							0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Section   Sect	Pilots ustment to 2012 savings	Verified True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
#Revenue in 2012 # \$0,0000 \$0,			0							0						0	0	0	0	0 1	0	0	0	0	0	0		0	0	
				ll			1 1			1				1	1	\$0,0000	\$0,00000	\$0.00000	\$0,0000	\$0.00000	\$0,0000	\$0.00000	\$0.00000	\$0,0000	\$0,0000	\$0.00000	\$0.00000	\$0,00000	\$0.00000	_
	st Revenue in 2012 from 2011 programs st Revenue in 2012 from 2012 programs															\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	3
RAMVA in 2012																\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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
19 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12 Contrary Description in 2012																													1
12 Saving Pentating n 2013	12 Savings Persisting in 2013 12 Savings Persisting in 2014 12 Savings Persisting in 2015															0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22 Savings Pensating in 2016	12 Savings Persisting in 2016 12 Savings Persisting in 2017															0	0	0	0	0	0	0	0	0	0	0	0	0	ō	

2012 Savings Persisting in 2019 2012 Savings Persisting in 2020

Note: LDC to make note of key assumptions include	ded above																											
Table 4-c. 2013 Lost Revenues Work Form		e Re	Net Energy	Net Ferror Cont	ings Persistence (kWh)			Net Demand		No. Cont.	Dames of Con-	ings Persistence (kW)								Date Albert	ations for LRAM	,	_					_
Program	Results Status	ts.	Net Energy Savings (kWh)	Net Energy Savi	ngs Persistence (kwn)		Monthly	Net Demand Savings (kW)		Net Peak	Demand Sav	ings Persistence (kW)								Rate Alloc	ations for LRAM	/A						_
Program	Status		2013 2014 2015	2016 2017	2018 2019 20	20 2021 2022	Monthly Multiplier	2013	2014 2015	2016	2017 20	18 2019 202	0 2021 2022	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	treet Lighting	Standby Power							Total
Consumer Program	- الم	-								السالا				kWh	KWh	WV	KW	kWh	kW	KW	kW	-			-		-	_
Consumer Program Appliance Retirement Adjustment to 2013 savings	Verified True-up	ıd p								+				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Appliance Exchange	Verified	ed D					_			i				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2013 savings	True-up	up												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
HVAC Incentives Adjustment to 2013 savings	Verified True-up	ıd up												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Consensation Instant Courses Booklet	Verified	ed					-							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2013 savings	True-up	_												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Bi-Annual Retailer Event Adjustment to 2013 savings	Verified True-up	ıd p												100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Retailer Co-op	Verified True-up	ad [												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2013 savings							_							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	
Residential Demand Response Adjustment to 2013 savings	Verified True-up	ap												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Residential Demand Response (IHD) Adjustment to 2013 savings	Verified True-up	ad _												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Residential New Construction	Verified						-							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2013 savings	True-up	ě 🗀												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1009
Business Program	Verified	ad <b>F</b>					42							0.00%	5.67%	11.24%	13.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				30%
Retrolit Adjustment to 2013 savings	True-up	up					12							0.00%	5.67%	11.24%	13.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
Direct Install Lighting Adjustment to 2013 savings	Verified True-up	ad F					12							0.00%	17.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	17%
Building Commissioning							3							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2013 savings	Verified True-up						3							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
New Construction Adjustment to 2013 savings	Verified True-up						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%
	Verified	ed					12							0.00%	0.00%	20.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				21%
Eneray Audit Adjustment to 2013 savings	True-up	up _					12							0.00%	0.00%	20.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Small Commercial Demand Response Adjustment to 2013 savings	Verified True-up	ıd p												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response (IHD)	Verified	Ξ					_			i				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2013 savings	True-up		-				-			+				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Demand Response 3 Adjustment to 2013 savings	Verified	ed					7							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	True-up	ap												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Industrial Program Process & System Upgrades Adjustment to 2013 savings	Verified True-up	ad [					12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				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%	
Monitorina & Taraetina Adjustment to 2013 savings	Verified True-up	id ip					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%
Energy Manager Adjustment to 2013 savings	Verified	ad [					12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	True-up	_					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%	
Retrofit Adjustment to 2013 savings	Verified True-up	# E					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%
Demand Resnonse 3 Adjustment to 2013 savings	Verified True-up	ad 🗐												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Home Assistance Program	Hae-op													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Home Assistance Program Adjustment to 2013 savings	Verified True-up								57 57	53				21% 20.98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.00%	0.00%	0.00%	21%
Aboriginal Program	Hae-op						_		, , ,					20.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Home Assistance Program	Verified True-up	ad F						0	0 0	0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2013 savings Direct Install Lighting							_		0 0	1 0 1				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2013 savinos	Verified True-up	ě 📙					0	0	0 0	0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	076
Pre-2011 Programs completed in 2011	Verified						1 42							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Electricity Retrofit Incentive Program Adjustment to 2013 savings	True-up	÷ 📙					12	0	0 0	0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	076
High Performance New Construction Adjustment to 2013 savings	Verified True-up	ad F					12	0	0 0	0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Verified									10				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Toronto Comprehensive Adjustment to 2013 savings	True-up	up _					ő	0	0 0	ő				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Multifamily Energy Efficiency Rebates Adjustment to 2013 savings	Verified True-up	ad F					0	0	0 0	0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
LDC Custom Programs	Verified	ed E					1 0	0	0 0	1	=			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2013 savings	True-up	P E					0	ō	0 0	Ö				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Other Program Enabled Savings	Verified	ad 🔚					0	0	0 0	0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2013 savings	True-up	up _					0	0	0 0	0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Time of Use Savings Adjustment to 2013 savings	Verified True-up	id F					0	0	0 0	0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
LDC Pilots	Verified True-up						_ 0							1														0%
Adjustment to 2013 savings	True-up	₽□					0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2013 Forecast CDM Savings in 2013		F	0					0		T				0	0	0	0	0	0	0	0	0	0	0	0	0	0	_
· —														\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Distribution Rate in 2013														\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.0 \$0.0 \$0.0 \$0.0
Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs														\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.0 <b>\$0.0</b>
Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs														\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.1 \$0.1
Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs																												
Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 programs Total Lost Revenues in 2013 LRAMVA in 2013 2013 2010 programs 2014 2010 programs														0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 programs Total Lost Revenues in 2013 LRAMVA in 2013 2013 2010 programs 2014 2010 programs														0 0 0	0 0 0	0 0	0	0	0	0	0 0 0	0 0	0 0 0	0 0 0	0 0	0 0	0	
Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LERAMVA in 2013 2013 Savings Persisting in 2016 2013 Savings Persisting in 2018														0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0 0	0 0 0	
Lost Revenue in 2013 from 2014 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2019 programs Total Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 RAMAV in 2013 2013 Savings Pessisting in 2014 2013 Savings Persisting in 2016 2013 Savings Persisting in 2016 2013 Savings Persisting in 2017														0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	

Note: LE	C to make not	e of key assumpt	ions included above

Table 4-d. 2014 Lost Revenues Work Form		Return to Top																																			
	Results	Net Energy Savings (kWh)			Net	Energy Sa	wings Persi	stence (kW	n)		Monthly	Net E Savin				Net Pe	ak Deman	1 Savings	Persisten	ce (kW)									Rate Al	locations for LR.	AMVA						
Program	Status	2014	2015	2016	2017	2018	2019	2020	2021	2022 2023	Multiplier	r	014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Standby Power							Total
Consumer Program																							kWh	kWh	kW	KW	kWh	kW	KW	kW	0	0	0	0	0	0	
1 Appliance Retirement	Verified	82,745	82,745	82,745									13	13	13								100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				100%
Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2 Appliance Exchange	Verified	23,644	23,644	23,644									13	13	13								100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				100%
Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3 HVAC Incentives	Verified	344,593	344,593	344,593									188	188	188								100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				100%
Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Conservation Instant Coupon Booklet     Adjustment to 2014 savings	Verified 200,469 189,462 192,597 15 14 14 14 15 15 14 14 17 15 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	100%	0.00%	0.00%	0%	0.00%	0%	0.00%	0%	0.00%	0%	0.00%	0.00%	0.00%	0.00%	100%
5 Bi-Annual Retailer Event Adjustment to 2014 savings	Verified         888,122         770,437         709,105         58         51         47           Truo-up         0         0         0         0         0         0	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.00%	0.00%	0.00%	100%
Retailer Co-op Adjustment to 2014 savings	Verified 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Z Residential Demand Response Adjustment to 2014 savings	Verified 0 0 0 0 655 0 0 655 0 0 655 0 0 655 0 0 655 0 0 655 0 0 655 0 0 655 0 0 655 0 0 655 0 0 655 0 0 655 0 0 655 0 0 655 0 0 655 0 0 0 655 0 0 0 655 0 0 0 655 0 0 0 0	100.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Residential Demand Response (IHD) Adjustment to 2014 savings	Verified 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	100%
9 Residential New Construction	Tiso-up 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			100%
Adjustment to 2014 savings  Business Program	Tae-up 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10 Retrofit Adjustment to 2014 savings	Verified 5,027,000 4,967,437 4,967,437 1 12 838 821 821 1 12 0 0 0 0 1 12 0 0 0 0 1 1 12 0 0 0 0	0.00%	16.20% 16.20%	<b>84.00%</b> 84.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
11 Direct Install Lighting Adjustment to 2014 savings	Verified         394,100         382,815         345,944         12         100         106         96           Traceup         0         0         0         12         0         0         0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
12 Buildina Commissionina Adjustment to 2014 savings	Verified 0 0 0 0 3 0 0 0 0 Tributp 0 0 0 0 3 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
13 New Construction Adjustment to 2014 savings	Verified 0 0 0 0 12 0 0 0 17.00-up 0 0 0 0 12 0 0 0 0 1 12 0 0 0 0 1 12 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
14 Fineray Audit Adjustment to 2014 savings	Verified 0 0 0 0 12 0 0 0 Taskup 0 0 0 0 12 0 0 0 0 0 12 0 0 0 0 0 12 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
15 Small Commercial Demand Response	Verified 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savinos  Small Commercial Demand Response (IHD)	Verified 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Adjustment to 2014 savinos	Тлю-ир 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17 Demand Response 3 Adjustment to 2014 savings	Verified 0 0 0 0 0 47 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program  18 Process & System Upgrades Adjustment to 2014 savings	Verified 3,316,000 3,316,000 3,316,000 12 333 333 333 1 12 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Monitoring & Targeting Adjustment to 2014 savings	Verified 0 0 0 0 122 0 0 0 175 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Energy Manager	Verified 314,228 314,228 314,228 12 23 23 23 23 23 23 23 23 23 23 23 23 23	0.00%	0%	100%	0.00%	0%	0.00%	0.00%	0.00%	0.00%	0%	0%				100%
Adjustment to 2014 savings  21 Retrofit Adjustment to 2014 savings	Taskup 0 0 0 0 1 12 0 0 0 1 Verified 0 0 0 0 1 12 0 0 0 0 1 12 0 0 0 0 1 12 0 0 0 0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings  22 Demand Response 3	Trub-up 0 0 0 0 112 0 0 0 Verified 0 0 0 0 677 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings	Тло-ир	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
Home Assistance Program Home Assistance Program Adjustment to 2014 savings	Verified 172,172 171,801 157,852 18 18 17 1 10-149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100%	0%	0.00%	0%	0.00%	0%	0%	0%	0%	0%	0%	0.00%	0.00%	0.00%	100%
Aboriginal Program  24 Home Assistance Program	Verified 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2014 savings 25 Direct Install Lighting	Verified 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings  Pre-2011 Programs completed in 2011	Trie-up 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26 Electricity Retrofit Incentive Program Adjustment to 2014 savings	Verified 0 0 0 0 12 0 0 0 0 Training 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
27 High Performance New Construction Adjustment to 2014 savings	Verified 0 0 0 0 12 0 0 0 12 12 0 0 0 0 1 12 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Toronto Comprehensive Adjustment to 2014 savings	Vertical 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	Verified 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 LDC Custom Programs Adjustment to 2014 savings	Vorified 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31 Program Enabled Savings Adjustment to 2014 savings	Verified 138,487 0 0 0 0 0 45 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
32 Time of Use Savings Adjustment to 2014 savings	Verified 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
23 LDC Pilots Adjustment to 2014 savings	Verified 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2014 Forecast CDM Savings in 2014	10,901,040	1,714,745	1,208,474	12,717 0	0	0	0	21 0	0	0	0	0	0	0	0	
Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs		\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000	\$0.00000	\$0.00000 \$0.00	\$0.00000	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00
Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs		\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00
Lost Revenue in 2014 from 2014 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014		\$0.00 \$0.00 \$0.00														
Forecast Lost Revenues in 2014 LRAMVA in 2014				*****	*****	•	*****			*****		*****		*****	*****	\$0.00
2014 Savings Persisting in 2015 2014 Savings Persisting in 2016		1,582,683 1,500,637		12,546 12,546	0	0	0	252 252	0	0	0	0	0	0	0	
2014 Savings Persisting in 2017 2014 Savings Persisting in 2018 2014 Savings Persisting in 2019		0	0	0	0	0	0	252 252 252	0	0	0	0	0	0	0	
2014 Savings Persisting in 2020		0	0	0	0	0	0	252	0	0	0	0	0	0	0	

2014 Savings Persisting in 2019 2014 Savings Persisting in 2020 Note: LDC to make note of key assumptions included above

#### 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 LPAMFA amounts at any time, but at a minimum, must do so as part of a cost of services (COS) application. The following LPAMFA work forms apply to LDCs that read to recover lost revenues from the 2011-2014 period.
Please injury of manually list the savings, adjustments and programs analogs persistence data in these tables from the LDCs Pressations Reports provided by the IESO (in Tab. 7), As round earlier, persistence data is available upon request from the ESO. Please asked to be advised that the name rise discussed (or by all the centre of the most part of the centre of th

2. Please ensure that the IESD verified savings adjustments apply back to the program year it related to. For example, savings adjustments related to 2015 programs that were reported by the IESD in 2017 should be included in the 2016 programs savings table. In adjustment in the State class of the State 
4. LDC are requested to input the applicable rate class allocation percentages to allocate candisavings 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 actionals in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Table 5-a. 2015 Lost Revenues Work Form		Net Energy Net Energy Strings Pursinence (Wth) Net Damand Strings (Wt) Net Park Demand Strings Pursinence (Wth) Strings (Wt) Strings (Wt)	
Program	Results Status	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2022 2023 2024 Minisples 2015 2016 2019 2019 2019 2019 2019 2019 2019 2019	
2015-2020 Conservation First Framework Pr Residential Province-Wide Programs 1 Save on Energy Coupon Program	Verified		%.
Adjustment to 2015 savings  2 Save on Energy Instant Discount Program	True-up Verified		
Adjustment to 2015 savings	True-up		
<ol> <li>Save on Energy Heating and Cooling Program</li> <li>Adjustment to 2015 savings</li> </ol>	Verified True-up		4
4 Save on Energy New Construction Program	Verified		%.
Adjustment to 2015 savings  5 Save on Energy Home Assistance Program	True-up Verified		~
Adjustment to 2015 savings	True-up		
Business Province-Wide Programs § Save on Energy Audit Funding Program Adjustment to 2015 savings	Verified True-up		
Z Save on Energy Retrofit Program	Verified 2016 True-up		i.
Adjustment to 2015 savings	2016 True-u	9	
Legacy Framework Residential Program			
67 Appliance Retirement Initiative Adjustment to 2015 savings	Verified True-up	100,292 102,293 102,29	6
68 Coupon Initiative Adjustment to 2015 savings	Verified True-up	177.877   178.978   178.	,i.
60 Bi-Annual Retailer Event Initiative Adjustment to 2015 savings	Verified True-up		%
20 HVAC Incentives Initative Adjustment to 2015 savings	Verified True-up		sc.
71 Residential New Construction and Major Renovation Initiative Adjustment to 2015 savings	Verified		%.
	True-up	100.0%	
Commercial & Institutional Program Energy Audit Initiative Adjustment to 2015 savings	Verified True-up		£.
73 Efficiency: Equipment Replacement Incentive Initiative	Verified Less Street		si.
Adjustment to 2015 savings	lighting 2016 True-up	- 2 187/8   2 187/8   1 187/8   2 18	
Direct Install Lighting and Water Heating	2017 True-up Verified		
24 Direct Install Lighting and Water Heating Initiative Adjustment to 2015 savings	2017 True-u		
Industrial Program			
Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2015 savings	Verified True-up		
78 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2015 savings	Verified		36
	True-up	100.00%	
Process and Systems Upgrades Initiatives - 79 Monitoring and Targeting Initiative	Verified		
Adjustment to 2015 savings  Low Income Program	True-up		
80 Low Income Initiative Adjustment to 2015 savings	Verified True-up	240,288 225,265 198,359 191,488 186,599 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 186,599 172,415 187,188 187,18	4
Actual CDM Savings in 2015 Forecast CDM Savings in 2015		1330.07	=
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 2012 programs Lost Revenue in 2015 from 2015 programs Lost Revenue in 2015 from 2015 programs Total Lost Revenues in 2015 from 2015 Forecast Lost Revenues in 2015 Forecast Lost Revenues in 2015 LRAMYA in 2015			
2015 Savings Persisting in 2016 2015 Savings Persisting in 2017 2015 Savings Persisting in 2018 2015 Savings Persisting in 2019		1,514,549 2,045,555 1489 1585 1,807,026 201,540 140,00 140,00 15,06 1,001,02 2,024,331 4,06 15,06 1,745,544 2,004,331 4,704 1,965	

Table 5-b. 2016 Lost Revenues Work Form	n	Return to top																																			
		Net Energy Savings (kWh)			Net E	nergy Saving	s Persistence	e (kWh)					Net Deman Savings (k)	9		Net F	Peak Demano	i Savings i	ersistence (k)	W)										Rate Alloca	ations for LR	AMVA					
Program	Results Status	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	onthly stiplier	2016	2017	2018	2019	2020	2021	2022 20	123 202	2025	Residential	G8<50 kW	GS 50 to kW	4,999 L	arge Use	Unmetered Scattered Load	Sentinel Lig	thting Stre	et Lighting	Standby Power						Total
2015-2020 Conservation First Framework Residential Province-Wide Programs	Programs																					kWh	kWh	kW		kW	kWh	kW		kW	kW	N/	A	kW			
Save on Energy Coupon Program Adjustment to 2016 savings	Verified True-up	2,980,023 331,839	2,980,023 331,839			2,980,023 331,839	2,980,023 331,839		2,979,581 331,809	,979,581 2, 331,809 3	966,301 132,300		194 21	194 21	194	194 21	194 21	194 21	194 1 21 2	94 19 21 2	194 193 21 21	100.00% 100.00%															100%
Save on Energy Instant Discount Program Adjustment to 2016 savings	Verified True-up																					100.00% 100.00%															100% 100.00%
Save on Energy Heating and Cooling Progra	m Verified	547,288	547,288	547,288	547,288	547,288	547,288	547,288	547,288		i47,288	ĺ	161	161	161	161	161	161	161 1	61 16	161 161	100.00%															100%
Adjustment to 2016 savings	True-up	5,804	5,804	5,804	5,804	5,804	5,804	5,804	5,804	5,804	5,804		2	2	2	2	2	2	2	2 2	2 2	100.00%															100.00%
Save on Energy New Construction Program	Verified																					100.00%															100%
Adjustment to 2016 savings	True-up							ш	_													100.00%															100.00%
Save on Energy Home Assistance Program	verneu	90,903	90,903	90,903	90,903	90,903	90,903	90,903	90,903	90,903	89,574		12	12	12	12	12	12	12	12 1:	12 12	100.00%															100%
Adjustment to 2016 savings	True-up															_				_		100.00%															100.00%
Business Province-Wide Programs Save on Enerov Audit Funding Program Adjustment to 2016 savings	Verified True-up	26,285	26,285	26,285	26,285	26,285	26,285	26,285	26,285	26,285		12 12	3	3	3	3	3	3	3	3 3	3 3			100.0													100% 100.00%
Save on Energy Retrofit Program	Verified Less Street Lid	10,693,926	10,542,435	10,542,435	10,542,435	10,542,435	10,412,350	FAVAVAVA	AVADADAD I	anner e		12	841	817	817	817	817	792	792 7	92 78	781 781		21.54%	71.37 71.37		7.42% 7.42%											
Adjustment to 2016 savings	True-up	1,802,736	1,954,227		1,959,154	1,959,154	1,599,715	1,599,715	1,599,715	,509,882 1,			1,497	1,52	0 1,522	1,522	1,522	1,447	1,447 1,	447 1,4	445 1,446		21.54%			7.42%											100.33%
Actual CDM Savings in 2016		12,403,080											2,731									3,955,857	1,814,179			2,081				3,082							
Forecast CDM Savings in 2016		1												_		_						2,736,155	4,402,416	17,9	5	217	l			2,523							
Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2013 programs																						\$0.00840	\$0.01010	\$3.275	10 5	\$1.52880	\$0.00160	\$0.584	90 S	11.00480	\$2.73240						
Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2015 programs																						\$12,605.35 \$15,243.43	\$11,621.76 \$20,664.16							\$252.72 1.572.91							\$65,568.85 \$85,587.13
Lost Revenue in 2016 from 2016 programs Total Lost Revenues in 2016																						\$33,229.20 \$61,077.98	\$18,323.21 \$50,609.13	1 \$65,69	.38 \$	3,182.08 3,182.08			s	3,097.13 4,922.76							\$123,526.0 \$274,681.9
Forecast Lost Revenues in 2016 LRAMVA in 2016																						\$22,983.70	\$44,464.40			\$331.75				2,535.11							\$129,053.8 \$145,628.1
2016 Savings Persisting in 2017 2016 Savings Persisting in 2018																						3,965,857 3,965,857	1,814,179	20,05		2,081 2,082				8,619 8,619							
2016 Savings Persisting in 2019 2016 Savings Persisting in 2020																						3,965,857	1,815,241	20,08	7	2,082				8,619 8,619							
Note: LDC to make note of key assumptions in:	duded above																					0,100,000	.,313,241	20,00		-,											

Note:	LDC	to make	note	of k	ey	assumptions	included	above

		Net Energy Savings (kWh)			Ne	t Energy Savis	ngs Persister	ice (kWh)				Net Demand Savings (kW)	,		Net Pe	ak Demand Sar	vings Persis	stence (kW)									Rate Allor	cations for LRA	MVA			
	Results Status	2017	2018	2019	2020	2021	2622	2023	2024	2025	Monthly Multiplie 2026	2017	2018	2019	2020	2021 21	022 200	23 2024	2025	2026	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Standby Power				Total
tual CDM Savings in 2017												1							$\overline{}$								1				T T	
recast CDM Savings in 2017								1											-													
stribution Rate in 2017 st Revenue in 2017 from 2011 programs st Revenue in 2017 from 2012 programs st Revenue in 2017 from 2013 programs st Revenue in 2017 from 2014 programs st Revenue in 2017 from 2015 programs st Revenue in 2017 from 2015 programs st Revenue in 2017 from 2015 programs																																

Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2017 programs Total Lost Revenues in 2017 Forecast Lost Revenues in 2017 LRAMVA 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 included above

Table 5-d. 2018 Lost Revenues Work Form		Return to too																																
		Net Energy Savings (kWh)			Ne	t Energy Sa	vings Persisten	ce (kWh)				Net Demane Savings (kV	0		Net	Peak Dema	and Savings	Persisten	ce (kW)									Rate All	ocations for LR	AMVA				
	Results Status	2018	2019	2020	2021	2022	2023	2024	2025	2026	Monthly Multiplie	2018	2019	2620	2021	2022	2023	2024	2025	2026	2027	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lightin	Standby Power					Total
Legacy Framework																						kWh	kWh	kW	kW	kWh	kW	kW	kW			*		
Actual CDM Savings in 2018																														T	T			
Forecast CDM Savings in 2018								1	$\neg$							1														_	1			
Distribution Rate in 2018 Lost Revenue in 2018 from 2011 programs Lost Revenue in 2018 from 2012 programs Lost Revenue in 2018 from 2013 programs																																		

Lost Revenue in 2018 from 2013 programs. Lost Revenue in 2018 from 2014 programs. Lost Revenue in 2018 from 2015 programs. Lost Revenue in 2018 from 2015 programs. Lost Revenue in 2018 from 2017 programs. Lost Revenue in 2018 from 2017 programs. Total Lost Revenues in 2018 programs. Total Lost Revenues in 2018 LRAMIYA in 2018

Table 5-e. 2019 Lost Revenues Work		Net Energy Savings (kWh)			Net	t Energy Savi	ngs Persistenc	se (kWh)				Net Demand Savings (kW)			Net Peak	Demand Sar	ings Persis	tence (kW)									Rate Allor	cations for LRAI	MVA			
Program	Results Status	2019	2020	2021	2022	2023	2024	2025	2026 2027	N N	Monthly dubiplier	2019	2020	2021	2022	2023 21	24 202	5 2026	2027	2028	Residential	GS<50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Standby Power				Total
Legacy Framework																					kWh	kWh	kW	kW	kWh	kW	kW	kW				
Actual CDM Savings in 2019																																
Forecast CDM Savings in 2019																																

2019 Savings Persisting in 2020 Note: LDC to make note of key assumptions included above

Table 5-1, 2020 Lost Revenues Work Form	Return to top				
	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)	Net Demand Savinos (KW)	Net Peak Demand Savings Persistence (kW)	Rate Allocations for LRAMVA

Program	Results Status	2020	2021	2022	2023	2024	2025	2026	2027	2028	Moretrly Multiplier	2020	2021	2022	2023	2024	2025	2026 2	2027 2	2028 2029	Residential	GS<50 kW	GS 50 to 4,99 kW	D Large Use	Unmetered Scattered Loa	Sentinel Light	ing Street Light	ng Standby				Total
Legacy Framework																					kWh	LWb.	W	w	kWh	LW.	W.	LW.				
Actual CDM Savings in 2020																						1						1				
Forecast CDM Savings in 2020																																
Distribution Rate in 2020 Loss Revenue in 2020 from 2011 programs Loss Revenue in 2020 from 2012 programs Loss Revenue in 2020 from 2012 programs Loss Revenue in 2020 from 2012 programs Loss Revenue in 2020 from 2015 programs Loss Revenue in 2020 from 2020 programs Forelact Loss Revenue in 2020 programs Forelact Loss Revenue in 2020																																

Return to too



## 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 & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.17%
2019 Q2	2.17%
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	Standby Power							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	\$0.00
Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-11 Apr-11	2011	Q1 Q2	0.12% 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	\$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	\$0.00	\$0.00
Jun-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-11	2011	Q3	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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
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	\$0.00	\$0.00 \$0.00
Oct-11 Nov-11	2011 2011	Q4 Q4	0.12% 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	\$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
Amount Cleared																		
Opening Balan				\$0.00	\$0.00	\$0.00	\$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 Feb-12	2011-2012	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	\$0.00 \$0.00	\$0.00
Feb-12 Mar-12	2011-2012 2011-2012	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
Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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 2011-2012	Q3 Q3	0.12% 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	\$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	\$0.00	\$0.00
Nov-12	2011-2012	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
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	\$0.00
Total for 2012				\$0.00	\$0.00	\$0.00	\$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 Balan				\$0.00	\$0.00	\$0.00	\$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 Feb-13	2011-2013 2011-2013	Q1 Q1	0.12% 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	\$0.00 \$0.00	\$0.00 \$0.00
Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$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	\$0.00	\$0.00
Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-13 Sep-13	2011-2013	Q3 Q3	0.12% 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	\$0.00 \$0.00	\$0.00 \$0.00
Oct-13	2011-2013	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	\$0.00	\$0.00
Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared				****														
Opening Balan Jan-14	2011-2014	Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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-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	\$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	\$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	\$0.00	\$0.00
May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-14 Jul-14	2011-2014 2011-2014	Q2 Q3	0.12% 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	\$0.00 \$0.00	\$0.00 \$0.00
Jul-14 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	\$0.00	\$0.00
Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00
Total for 2014	1			\$0.00	\$0.00	\$0.00	\$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 Balan				\$0.00	\$0.00	\$0.00	\$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-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
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
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	\$0.00	\$0.00
Apr-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	\$0.00	\$0.00
May-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	\$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	\$0.00	\$0.00

Jul-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
Aug-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
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 2010		0.0070	\$0.00		\$0.00	\$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 Balan Jan-16	ce for 2016 2011-2016	Q1	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
Feb-16	2011-2016	Q1	0.09%	\$2.91		\$7.34	\$0.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11.12
Mar-16	2011-2016	Q1	0.09%	\$5.82	\$0.94	\$14.69	\$0.44	\$0.00	\$0.00	\$0.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.25
Apr-16 May-16	2011-2016	Q2 Q2	0.09%	\$8.73 \$11.64	\$1.41 \$1.88	\$22.03 \$29.38	\$0.65 \$0.87	\$0.00 \$0.00	\$0.00 \$0.00	\$0.55 \$0.73	\$0.00 \$0.00	\$33.37 \$44.50						
Jun-16	2011-2016	Q2	0.09%	\$14.55	\$2.35	\$36.72	\$1.09	\$0.00	\$0.00	\$0.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55.62
Jul-16	2011-2016	Q3	0.09%	\$17.46	\$2.82	\$44.07	\$1.31	\$0.00	\$0.00	\$1.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$66.75
Aug-16	2011-2016	Q3	0.09%	\$20.37	\$3.29	\$51.41 \$58.76	\$1.52 \$1.74	\$0.00 \$0.00	\$0.00	\$1.28	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$77.87
Sep-16 Oct-16	2011-2016	Q3 Q4	0.09%	\$23.28 \$26.19	\$3.76 \$4.22	\$58.76	\$1.74 \$1.96	\$0.00	\$0.00 \$0.00	\$1.46 \$1.64	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$88.99 \$100.12
Nov-16	2011-2016	Q4	0.09%	\$29.10	\$4.69	\$73.45	\$2.18	\$0.00	\$0.00	\$1.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$111.24
Dec-16	2011-2016	Q4	0.09%	\$32.01	\$5.16	\$80.79	\$2.40	\$0.00	\$0.00	\$2.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$122.37
Total for 2016 Amount Cleared				\$192.06	\$30.98	\$484.76	\$14.37	\$0.00	\$0.00	\$12.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$734.21
Opening Balan				\$192.06	\$30.98	\$484.76	\$14.37	\$0.00	\$0.00	\$12.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$734.21
Jan-17	2011-2017	Q1	0.09%	\$34.92	\$5.63	\$88.14	\$2.61	\$0.00	\$0.00	\$2.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$133.49
Feb-17 Mar-17	2011-2017	Q1	0.09%	\$34.92	\$5.63	\$88.14 \$88.14	\$2.61	\$0.00 \$0.00	\$0.00	\$2.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$133.49
Mar-17 Apr-17	2011-2017	Q1 Q2	0.09%	\$34.92 \$34.92	\$5.63 \$5.63	\$88.14 \$88.14	\$2.61 \$2.61	\$0.00	\$0.00 \$0.00	\$2.19 \$2.19	\$0.00 \$0.00	\$133.49 \$133.49						
May-17	2011-2017	Q2	0.09%	\$34.92	\$5.63	\$88.14	\$2.61	\$0.00	\$0.00	\$2.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$133.49
Jun-17 Jul-17	2011-2017	Q2 Q3	0.09%	\$34.92 \$34.92	\$5.63 \$5.63	\$88.14 \$88.14	\$2.61 \$2.61	\$0.00 \$0.00	\$0.00 \$0.00	\$2.19 \$2.19	\$0.00 \$0.00	\$133.49 \$133.49						
Jul-17 Aug-17	2011-2017	Q3 Q3	0.09%	\$34.92 \$34.92	\$5.63 \$5.63	\$88.14 \$88.14	\$2.61 \$2.61	\$0.00	\$0.00	\$2.19 \$2.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$133.49 \$133.49
Sep-17	2011-2017	Q3	0.09%	\$34.92	\$5.63	\$88.14	\$2.61	\$0.00	\$0.00	\$2.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$133.49
Oct-17	2011-2017	Q4	0.13%	\$47.62	\$7.68	\$120.19	\$3.56	\$0.00	\$0.00	\$2.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$182.04
Nov-17 Dec-17	2011-2017	Q4 Q4	0.13%	\$47.62 \$47.62	\$7.68 \$7.68	\$120.19 \$120.19	\$3.56 \$3.56	\$0.00 \$0.00	\$0.00 \$0.00	\$2.98 \$2.98	\$0.00 \$0.00	\$182.04 \$182.04						
Total for 2017	2011-2017		0.1376	\$649.19		\$1,638.58	\$48.57	\$0.00	\$0.00	\$40.69	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,481.75
Amount Cleared																		
Opening Balan				\$649.19	\$104.72	\$1,638.58	\$48.57	\$0.00	\$0.00	\$40.69	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,481.75
Jan-18 Feb-18	2011-2018	Q1 Q1	0.13%	\$47.62 \$47.62	\$7.68 \$7.68	\$120.19 \$120.19	\$3.56 \$3.56	\$0.00 \$0.00	\$0.00 \$0.00	\$2.98 \$2.98	\$0.00 \$0.00	\$182.04 \$182.04						
Mar-18	2011-2018	Q1	0.13%	\$47.62	\$7.68	\$120.19	\$3.56	\$0.00	\$0.00	\$2.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$182.04
Apr-18	2011-2018	Q2	0.16%	\$60.00	\$9.68	\$151.44	\$4.49	\$0.00	\$0.00	\$3.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$229.36
May-18 Jun-18	2011-2018	Q2 Q2	0.16%	\$60.00 \$60.00	\$9.68 \$9.68	\$151.44 \$151.44	\$4.49 \$4.49	\$0.00 \$0.00	\$0.00 \$0.00	\$3.76 \$3.76	\$0.00 \$0.00	\$229.36 \$229.36						
Jul-18	2011-2018	Q3	0.16%	\$60.00	\$9.68	\$151.44	\$4.49	\$0.00	\$0.00	\$3.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$229.36
Aug-18	2011-2018	Q3	0.16%	\$60.00	\$9.68	\$151.44	\$4.49	\$0.00	\$0.00	\$3.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$229.36
Sep-18 Oct-18	2011-2018 2011-2018	Q3 Q4	0.16%	\$60.00 \$68.89	\$9.68 \$11.11	\$151.44 \$173.87	\$4.49 \$5.15	\$0.00 \$0.00	\$0.00 \$0.00	\$3.76 \$4.32	\$0.00 \$0.00	\$229.36 \$263.34						
Nov-18	2011-2018	Q4 Q4	0.18%	\$68.89	\$11.11	\$173.87	\$5.15	\$0.00	\$0.00	\$4.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$263.34
Dec-18	2011-2018	Q4	0.18%	\$68.89	\$11.11	\$173.87	\$5.15	\$0.00	\$0.00	\$4.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$263.34
Total for 2018				\$1,358.70	\$219.16	\$3,429.39	\$101.66	\$0.00	\$0.00	\$85.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,194.07
Amount Cleared Opening Balan				\$1,358.70	\$219.16	\$3,429.39	\$101.66	\$0.00	\$0.00	\$85.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,194.07
Jan-19	2011-2019	Q1	0.18%	\$68.89	\$11.11	\$173.87	\$5.15	\$0.00	\$0.00	\$4.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$263.34
Feb-19 Mar-19	2011-2019	Q1 Q1	0.18%	\$68.89 \$68.89	\$11.11 \$11.11	\$173.87 \$173.87	\$5.15 \$5.15	\$0.00 \$0.00	\$0.00 \$0.00	\$4.32 \$4.32	\$0.00 \$0.00	\$263.34 \$263.34						
Mar-19 Apr-19	2011-2019	Q1 Q2	0.18%	\$68.89 \$68.89	\$11.11 \$11.11	\$173.87 \$173.87	\$5.15 \$5.15	\$0.00	\$0.00	\$4.32 \$4.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$263.34 \$263.34
May-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
Jun-19 Jul-19	2011-2019	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
Jul-19 Aug-19	2011-2019	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-19	2011-2019	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-19 Nov-19	2011-2019	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
Nov-19 Dec-19	2011-2019	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 2019	_011 2019	4,1	0.0070	\$1,634.24	\$263.61	\$4,124.88	\$122.28	\$0.00	\$0.00	\$102.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,247.45
Amount Cleared	1																	
Opening Balan Jan-20	2011-2020	Q1	0.00%	\$1,634.24 \$0.00	\$263.61 \$0.00	\$4,124.88 \$0.00	\$122.28 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$102.43 \$0.00	\$0.00 \$0.00	\$6,247.45 \$0.00						
Feb-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
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 May-20	2011-2020	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-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
Jul-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
Aug-20 Sep-20	2011-2020 2011-2020	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	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Oct-20	2011-2020	Q3 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-20	2011-2020	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-20	2011-2020	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				\$1,634.24	\$263.61	\$4,124.88	\$122.28	\$0.00	\$0.00	\$102.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,247.45
Amount Cleared																		

### Supporting Documentation: LDC Persistence Savings Results from IESO

Version 2.0 (2017)

Legend

User Inputs (Green)

Drop Down List (Blue)

Instructions (Grey)

(Steps)

- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.
- 2. Please identify the source of the report via the dropdown list in Column I.
  - 3. To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.
  - 4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year implementation in the future year's results
  - 5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

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

Step:	#1					#3	#2	#4	#1																				
Portfolio	Program	Initiative	LDC	Sector	Conservation	(Implementation)	Identify Source of	Identify Status of	Net Veri	ied Annua	Peak Der	nand Savin	gs at the En	d-User Le	evel (kW)														
	-				Resource Type	Year	Report	Savings																					
								1 -																					
										N	N		N.	N)	N.	N			N.	N	N	N	N.	N.	N	N.	N	N)	
									2011	2012	2013	2014	2015	2016	2017	2018	2019	2021	2022	2023	2024	2025	026	2027	2028	2029	03	203:	03
										2	3		5	6	7	80	9 0	1	2	ω	4	5	6	7	00	9	0	1	2
	Business	Demand Response 3	ENTEGRUS	Commercial	DR	Dx	20	014		. 0		47	0	0	0	0	0	0	0	0 0		0	0	0	0	0	0	0	0
	Business	Direct Install Lighting	ENTEGRUS	Commercial	EE	Dx	20	014			0	109	106	96	55	55	55			55 55		23	0	0	0	0	0	. 0	. 0
	Business		ENTEGRUS	Commercial	EE	Dx	20		0	0	0	838	821	821	795	795	795	763 7	63 7	617	480	476	370	298	298	229	54	54	54
		Appliance Exchange	ENTEGRUS	Residential		Dx	20	014		0	0	13	13	13	13	0	0	0	0	0 0	0	0	0	0	0	0	0	. 0	0
	Consumer	Appliance Retirement	ENTEGRUS	Residential		Dx	20			0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	- 0	0
	Consumer	Appliance Retirement	ENTEGRUS	Residential		Dx	20	014	- 0	- 0	0	1	1 6	1	1	0	0	0	0	0 0	- 0	- 0	0	0	0	0	0	0	. 0
	Consumer	Appliance Retirement	ENTEGRUS ENTEGRUS	Residential Residential	EE	Dx Dx	20	014	- 0	- 0	0	0	0	5	5	0	0	0	0	0 0		- 0	0	- 0	0	0	0		0
		Appliance Retirement					20		0	0	0	0	7	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	- 0	- 0
		Appliance Retirement	ENTEGRUS	Residential	EE	Dx				0		58	51	7 47	47	47	47	0	47 4	7 44	40	34	34	34	0	22	27	27	- 0
		Bi-Annual Retailer Event Conservation Instant Coupon Booklet	ENTEGRUS ENTEGRUS	Residential Residential	FF	Dx Dx	20 20	014		0	0	15	14	47	14	14	14			14 12		34	34	34	34	33	27	27	27
		HVAC Incentives	ENTEGRUS	Residential	FF	Dx	20	714	- 0		0	188	188	188	188				88 1			188	188	188	188	188	188	188	166
		Residential Demand Response	ENTEGRUS	Residential		Dx	20	114	- 0	0	0	100	100	100	100	100	100	100 1	00 1	0 100	100	100	100	100	100	100	100	100	100
		Residential Demand Response Residential Demand Response	ENTEGRUS	Residential	DR	Dx	20		- 0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	- 0	- 0
		Residential Demand Response Residential Demand Response	ENTEGRUS	Residential	DR	Dx	20		- 0	0	0	109	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	- 0	0
	Consumer	Residential Demand Response	ENTEGRUS	Residential		Dx	20	114	- 0		0	126	0	0	0	0	0	0	0	0 0		0	0	0	0	0	0	0	0
		Residential Demand Response	ENTEGRUS	Residential	DR	Dx	20		- 0	0	0	64	0	0	0	0	0	0	0	0 0	0	Δ.	n	p	0	0	0	0	0
		Residential Demand Response	ENTEGRUS	Residential	DR	Dx	20		- 0	0	0	29	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	- 0	0
		Residential Demand Response	ENTEGRUS	Residential		Dx	20		- 0		0	83	0	0	0	0	0	0	0	0 0		Δ.	0	0	0	0	0	0	0
		Residential Demand Response	ENTEGRUS	Residential		Dx	20		- 0	0	0	205	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	- 0	0
		Home Assistance Program	ENTEGRUS	Residential	FF	Dx	20			0	0 0	18	18	17	17	16	16	16	15	12 12	12	12	11	11	- 6	6	6	- 6	- 6
		Demand Response 3	ENTEGRUS	Industrial		Dx	20	114		0	0	677	10	- 17		10	10	13		0 0	12		- 11	- 11	0	0	0	- 0	- 0
		Energy Managers	ENTEGRUS	Industrial	FF	Dx	20			0	0 0	23	23	22	23	23	23	22	23	13 23	7		6	6	- 6	0	0	- 0	- 0
	Industrial	DCI II	ENTEGRUS	Industrial	FF	Dx	20		- 0	0	0	333	333	333	333				33 3			0	0	0	0	0	0	0	- 0
		Time-of-Use Savings	ENTEGRUS	Other	DR	Dx	20	114	0	0	0	499	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	- 0	0
	Program Fna	LDC Program Enabled Savings	ENTEGRUS	Other	FF	Dx	20	114	0	0	0	45	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0
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								#1																													
								Net Verified	Annual Ener	rgy Savings a	t the End-User	Level (kWh)																									
2033	2034	2035	2036	2037	2038	2039	2040	2011	2012	2013	2014	2015	2016		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2039	2040
0	0	0	0	0	0	0	0	0	)	0	0 3:	0	83	346	204	204	204	204	204	204	204	196	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
54	0	0	0	0	0	0	0	0		0	0 5,0	4,9	87 4	,987 24	4,894	4,894	4,894	4,699	4,699	4,562	3,705	2,766	2,661	1,963	1,710	1,710	1,274	124	124	124	124	0	0	0	0	0	0 0
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	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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27	0	0	0	0	0	0	0	0	)	0	0 8		70	47 709	47 709	47 709	709	709	709	709	659	641	542	542	534	534	533	434	434	434	434	0	0	0	0	0	0 0
4		0	0	0	0	0	0			0	0 21	3 1	89	183	183	183	183	183	182	182	156	144	142	142	142	142	141	64	64	64	64		0	0	0	0	0 0
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0	0	0	0	0	0	0	0	0	)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
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0	0	0	0	0	0	0	0		)	0	0 3,3			314	314 3,317	314 3,317	314 3,317	314 3,317	314 3,317				34	34	34	34	1	1	1	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 Savings**

Er	Energy savings attributed to street lighting project in OPA results										
Year	Gross	NTG	Comments								
2011											
2012			-								
2013			-								
2014	26,806	0.72	19,300	Parkhill project							
2015	1,070,760	0.67	716,118	Strathroy and Mount Brydges project							
2016	4.181.520	0.97	4,075,724	Chatham-Kent project							

### 2014

		Actual lost re	venue based	on kW billing
Month	Billed kW	Gross kW reduction	NTG	Net kW reduction
Jan-14				
Feb-14				
Mar-14				
Apr-14				
May-14				
Jun-14				
Jul-14				
Aug-14				
Sep-14				
Oct-14				
Nov-14	51.6	0	0	0
Dec-14	22.49	29.11	0.73	20.9592
2014 total	22.49	29.11		20.96
2014 Persis	ting in 2015			251.51
2014 Persis	ting in 2016			251.51
2015 Persis	ting in 2017			251.51
2015 Persis	ting in 2018			251.51
2015 Persis	ting in 2019			251.51
2015 Persis	ting in 2020			251.51

#### 2015

	2013			
		Actual lost re	venue based (	on kW billing
Month	Billed kW	Gross kW reduction	NTG	Net kW reduction
Jan-15				
Feb-15				
Mar-15				
Apr-15				
May-15				
Jun-15				
Jul-15				
Aug-15				
Sep-15				-
Oct-15				1
Nov-15				
Dec-15	308		0.66	1
2015	109.00	0.00		0.00
2015 Persis	ting in 2016			1,565
2015 Persis	ting in 2017			1,565
2015 Persis	ting in 2018			1,565
2015 Persis	ting in 2019			1,565
2015 Persis	ting in 2020			1,565

#### 2016

	2016			
		Actual lost re	venue based	on kW billing
Month	Gross kW reduction	Cumulative kW Reduction	NTG	Net kW reduction
Jan-16	0	0	1.00	-
Feb-16	0	0	1.00	,
Mar-16	0	0	1.00	
Apr-16	0	0	1.00	-
May-16	0	0	1.00	
Jun-16	50	50	1.00	49.94
Jul-16	110	160	1.00	159.81
Aug-16	166	326	1.00	325.61
Sep-16	157	483	1.00	482.43
Oct-16	144	627	1.00	626.26
Nov-16	93	720	1.00	719.14
Dec-16	0	720	1.00	719.14
2016 total		0.00		3,082.33
2016 Persis	ting in 2017			8,619.49
2016 Persis	ting in 2018			8,619.49
2016 Persis	ting in 2019			8,619.49
2016 Persis	ting in 2020			8,619.49

Note: Billed amounts in 2014 and 2015, and gross kW reductions in 2016 are from actual bills to customers, NTG from IESO for demand reductions in Retrofit program