

**Entegrus Powerlines Inc.** 

320 Queen St. (P.O. Box 70) Chatham, ON N7M 5K2

Phone: (519) 352-6300 Toll Free: 1-866-804-7325

entegrus.com

August 12, 2019

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

Re: 2020 IRM4 Rate Applications: Entegrus-Main Rate Zone & Entegrus St. Thomas Rate Zone

Board File No.: EB-2019-0030

Dear Ms. Walli,

Please find enclosed the 2020 Entegrus Powerlines Inc. ("EPI") 4<sup>th</sup> Generation IRM Rate Application. By way of this application, EPI seeks Ontario Energy Board ("Board") approval for distribution rates for its St. Thomas rate zone effective January 1, 2020 and for its Main rate zone effective May 1, 2020.

In preparing the Application, Entegrus utilized the Board's 2020 Rate Generator Model. The basis for the Application and associated models are more fully described in the attached Manager's Summary and Application. The application is supported by written evidence that may be amended from time to time, prior to the Board's decision on this Application.

The complete application was submitted today via the Board's web portal in both electronic (i.e. Excel) and PDF form. Further, two hardcopies of the Application have been submitted via courier.

The primary contact for this application is Andrya Eagen, Manager of Regulatory and Reporting. Andrya can be contacted at (519) 352-6300 Ext. 243, or via email at regulatory@entegrus.com. Alternatively, please contact the undersigned.

Entegrus respectfully requests that this Application be processed by way of written hearing.

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

Regards,

[Original signed by]

David C Ferguson
Vice President of Regulatory & Human Resources

Phone: 519-352-6300 Ext 558

Email: david.ferguson@entegrus.com

cc: Jim Hogan, President & CEO
Chris Cowell, Chief Financial and Regulatory Officer
Andrya Eagen, Manager of Regulatory & Reporting



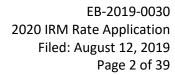
# 2020 IRM Rates Application

Application & Evidence Board File No.: EB-2019-0030 Date Filed: August 12, 2019



## TABLE OF CONTENTS

1	٦	TABL	LE OF CONTENTS	1
2	L	List o	of Attachments	3
3	9	Sumr	mary	4
4	(	Over	view – The Evolution of Entegrus	6
5	(	Grou	p One DVA Balances by Rate Zone	8
6	E	Ente	grus-Main Rate Zone	9
	6.1	L	Preparation of Rates	9
	6.2	2	Current Tariff Schedule	9
	6.3	3	Deferral/Variance Account Disposition	9
	6.4	ļ	Shared Tax Savings	0
	6.5	5	Retail Transmission Rates	0
	6.6	5	Price Cap Index Adjustment2	0
	6.7	7	Residential Rate Design Transition2	1
	6.8	3	Revenue to Cost Ratio Adjustments2	1
	6.9	)	Additional Rates2	2
	6.1	LO	Regulatory Charges	2
	6.1	1	Proposed Rates2	3
	6.1	.2	Bill Impacts	3
7	Е	Ente	grus – St. Thomas Rate Zone2	4
	7.1	L	Preparation of Rates	4
	7.2	<u> </u>	Current Tariff Schedule	4
	7.3	3	Deferral/Variance Account Disposition	4
	7.4	ļ	Shared Tax Savings	5
	7.5	5	Retail Transmission Rates	6
	7.6	5	Price Cap Index Adjustment	6
	7.7	7	Residential Rate Design Transition	
	7.8	3	Revenue to Cost Ratio Adjustments	
	7.9		Additional Rates3	





7.10	Regulatory Charges	37
7.11	Proposed Rates	38
7.12	Bill Impacts	38
8 Cert	rificate of Fyidence	30



## 2 LIST OF ATTACHMENTS

- A. OEB IRM Application Checklist
- B. Entegrus 2019 IRM Approved Tariff Sheet (EB-2018-0024)
- C. Entegrus-Main 2020 IRM Rate Generator Model, Version 2.0, Issued July 5, 2019
- D. Entegrus-Main IESO Settlement Process
- E. Entegrus- Main GA Analysis Workform & Appendix A, Version 1.9
- F. Entegrus-Main Account 1595 Workform, Version 1.0
- G. LRAMVA Report, Prepared by IndEco Strategic Consulting
- H. LRAMVA Workform, Version 4.0
- I. Entegrus-Main Proposed Rates
- J. Entegrus-Main Bill Impacts
- K. Entegrus-St. Thomas 2020 IRM Rate Generator Model, Version 2.0, Issued July 5, 2019
- L. Entegrus-St. Thomas IESO Settlement Process
- M. Entegrus-St. Thomas GA Analysis Workform & Appendix A, Version 1.9
- N. Entegrus-St. Thomas Account 1595 Workform, Version 1.0
- O. Entegrus-St. Thomas Proposed Rates
- P. Entegrus-St. Thomas Bill Impacts
- Q. Certificate of Evidence



## 3 SUMMARY

Entegrus Powerlines Inc. ("Entegrus") submits herein a complete application (the "Application") for proposed distribution and transmission rates effective January 1, 2020 for the Entegrus - St. Thomas rate zone, and effective May 1, 2020 for the Entegrus-Main rate zone. The two Entegrus rate zones are further described in Section 4 below.

The Application is prepared in accordance with Board guidelines and directions, including:

- Chapter 3 of the Board's Filing Requirements for Electricity Rate Applications, dated July 12, 2018 and Addendum to Filing requirements for Electricity Distribution Rate Applications, 2020 Applications, dated July 15, 2019 (collectively referred to as the "Filing Requirements")
- Letter from the Board to Licensed Electricity Distributors re: "I. Addendum to Filing Requirements for Electricity Distribution Rate Applications", "II. Process for 2020 Incentive Rate-setting Mechanism Distribution Rate Applications", dated July 15, 2019.

This Manager's Summary is organized as described in the Table of Contents on Page 1.

The Application is supported by written evidence that may be amended from time to time, prior to the Board's final decision on this Application. Key elements included (and not included) in this Application are as follows:

TABLE 1: KEY ELEMENTS OF THIS APPLICATION

Line No.	Description	Entegrus- Main Inclusions	Entegrus- St. Thomas Inclusions
1	Z Factor Claim	No	No
2	Incremental Capital Module Claim	No	No
3	Advanced Capital Module Claim	No	No
4	Lost Revenue Adjustment Mechanism ("LRAM") Variance Account Disposition	Yes	Yes
5	Rate Harmonization pursuant to a prior OEB decision	No	No
6	Renewable Generation and/or Smart Grid Adder Request	No	No
7	Multiple Service Areas with Different Rates	Yes	Yes
8	Migration of customer into or out of Class A (Global Adjustment)	Yes	Yes
9	Other	N/A	N/A

Entegrus confirms that both rate zones transitioned to International Financial Reporting Standards ("IFRS") on January 1, 2015. The 2019 IRM distribution rates shown in Attachment B as approved in the EB-2018-0024 Board Decision and Rate Order dated December 13, 2018 and corrected December 18, 2018.

EB-2019-0030 2020 IRM Rate Application Filed: August 12, 2019 Page 5 of 39



There are no outstanding Board Orders affecting this Application, nor has Entegrus been previously denied for any amounts included in the account balances of this Application.

The persons affected by this Application are the ratepayers of Entegrus' distribution business. Entegrus is proposing that notices related to this Application appear in The Chatham Daily News, The Strathroy Age Dispatch and The St. Thomas Times-Journal. The Chatham Daily News is a paid daily publication serving the Chatham-Kent communities and has an average circulation of approximately 5,400<sup>1</sup> per day. The Strathroy Age Dispatch is a paid weekly publication serving the Strathroy, Mount Brydges, Parkhill, Dutton and Newbury geographic areas. The St. Thomas Times-Journal serves the city of St. Thomas and surrounding area and has an average circulation of approximately 3,200<sup>1</sup> per day. In addition, the Application will be posted on Entegrus' website at <a href="http://www.entegrus.ca">http://www.entegrus.ca</a>.

Entegrus respectfully requests that this Application be decided by way of a written hearing.

Contact information for the Application is as follows:

Andrya Eagen

Manager of Regulatory & Reporting

Phone: 519-352-6300 Ext 243

Email: regulatory@entegrus.com

<sup>&</sup>lt;sup>1</sup> http://www.newspaperscanada.ca/daily-newspaper-circulation-data



## 4 Overview - The Evolution of Entegrus

Chatham Hydro was the largest predecessor to what is now Entegrus and was founded in 1914. Subsequently, Chatham-Kent Hydro ("CKH") was formed in 1998 as an amalgamation of eleven former Municipal Electric Utilities ("MEUs"). The amalgamation of the MEUs was part of the municipal amalgamation of approximately twenty-two municipalities and townships into what is now the Municipality of Chatham-Kent.

The former CKH was a local electricity distribution company (OEB Distributor Licence ED-2002-0563) serving the Ontario communities of Blenheim, Bothwell, Chatham, Dresden, Erieau, Merlin, Ridgetown, Thamesville, Tilbury, Wallaceburg, Wheatley, and certain designated land parcels in the Township of Raleigh, known as the Bloomfield Business Park.

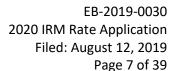
On March 24, 2005, CKH's parent company, the former Chatham-Kent Energy Inc. ("CK Energy"), submitted MAAD application EB-2005-0255 requesting Board approval to acquire all shares of Middlesex Power Distribution Corporation ("MPDC"). At that time, MPDC was a local distribution company (former OEB Distributor Licence ED-2003-0059) servicing the Ontario communities of Strathroy, Mount Brydges and Parkhill.

The Board approved this acquisition in its Decision and Order issued on June 24, 2005. CK Energy's acquisition of MPDC subsequently closed June 30, 2005.

On October 15, 2008, MPDC submitted MAAD applications EB-2008-0332 and EB-2008-0350 requesting Board approval to acquire all shares of the former Dutton Hydro Limited and the former Newbury Power Inc. and to amalgamate all entities into MPDC. The Board approved these acquisitions and the amalgamation in its Decision and Order issued February 9, 2009. MPDC closed this transaction on April 30, 2009. Subsequently, MPDC served the distribution areas formerly licensed to each of MPDC, Dutton Hydro Limited & Newbury Power Inc. and maintained separate rate zones for each of these three areas.

On August 31, 2011, CKH applied to the Board for leave to amalgamate MPDC with CKH (MAAD applications EB-2011-0328 and EB-2011-0329). On December 16, 2011, the Board approved the amalgamation, and on January 11, 2012, CKH notified the Board that this transaction was complete. On January 20, 2012, CKH received its amended Licence ED-2002-0563 and notification from the Board that the MPDC Licence ED-2003-0059 was cancelled.

Subsequently, on January 31, 2012, CKH applied to the Board to amend the company name on its Electricity Distribution Licence (ED-2002-0563) to Entegrus Powerlines Inc. ("Entegrus"). The Board approved this change and issued an updated Licence on February 24, 2012.





On August 28, 2015, Entegrus filed its comprehensive 2016 COS Application (EB-2015-0261) for distribution rates effective May 1, 2016, which also sought harmonization of the four previous rate zones of: (i) Chatham-Kent, (ii) Strathroy, Parkhill & Mt. Brydges, (iii) Dutton and (iv) Newbury. On February 3, 2016, Entegrus and the parties to the Application submitted a full Settlement Agreement on all matters to the Board for approval. Subsequently, the Board approved this Settlement Agreement in full in its Decision and Order dated March 17, 2016.

On July 21, 2017, Entegrus and St. Thomas Energy Inc. ("STEI") submitted a MAAD application (EB-2017-0212), seeking approval to amalgamate and continue as Entegrus. At that time, STEI was a local distribution company (former OEB Distributor Licence ED-2003-0563) servicing the city of St. Thomas, Ontario. 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 described in EB-2017-0212, Entegrus plans to maintain two separate rate zones (Entegrus-Main and Entegrus-St. Thomas) until such time as rates are re-based.

As of August 2019, Entegrus has approximately 59,000 metered customers and ranks approximately 12th in the Province of Ontario in terms of electrical utility size by number of metered customers.



## GROUP ONE DVA BALANCES BY RATE ZONE

The balances reported in RRR 2.1.7 for year ending 2018 were reported on a consolidated basis for the Entegrus-Main and Entegrus-St. Thomas rate zones. The Table below shows the balances by rate zone reconciling to the total amounts submitted in RRR 2.1.7.

TABLE 2: DVA BALANCES BY RATE ZONE

Line No.	Description	Account	Entegrus - Main	Entegrus - St. Thomas	Total	RRR 2.1.7	Variance
			Α	В	C = A+ B	E	F = E - C
1	LV Variance Account	1550	\$586,486	\$0	\$586,486	\$586,486	\$0
2	Smart Metering Entity Charge Variance Account	1551	-\$42,436	-\$34,702	-\$77,138	-\$77,138	\$0
3	LRAM Variance Account	1568	\$431,194	\$136,073	\$567,267	\$567,267	\$0
4	RSVA - Wholesale Market Service Charge	1580	-\$976,980	-\$1,202,754	-\$2,179,733	-\$2,179,733	\$0
5	Variance WMS – Sub-account CBR Class A	1580	\$0	\$0	\$0	\$0	\$0
6	Variance WMS – Sub-account CBR Class B	1580	-\$61,847	\$64,311	\$2,464	\$2,464	\$0
7	RSVA - Retail Transmission Network Charge	1584	\$566,661	-\$179,213	\$387,448	\$387,448	\$0
8	RSVA - Retail Transmission Connection Charge	1586	\$959,965	\$125,395	\$1,085,359	\$1,085,359	\$0
9	RSVA - Power	1588	\$750,070	-\$552,023	\$198,046	\$198,046	\$0
10	RSVA - Global Adjustment	1589	-\$183,319	-\$152,663	-\$335,982	-\$335,982	\$0
11	Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	\$23,239	\$0	\$23,239	\$23,239	\$0
12	Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	\$0	\$200,312	\$200,312	\$200,312	\$0
13	Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	\$34,077	\$11,641	\$45,718	\$45,718	\$0
14	Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	\$156,067	\$18,203	\$174,270	\$174,270	\$0
15	Disposition and Recovery/Refund of Regulatory Balances (2017)	1595	-\$116,440	\$0	-\$116,440	-\$116,440	\$0
16	Disposition and Recovery/Refund of Regulatory Balances (2018)	1595	\$671,349	\$0	\$671,349	\$671,349	\$0
17	Grand Total		\$2,798,085	-\$1,565,420	\$1,232,666	\$1,232,666	



## 6 Entegrus-Main Rate Zone

#### 6.1 Preparation of Rates

Entegrus has utilized the Board's Rate Generator Model (version 2.0 issued July 5, 2019, manually updated by Board Staff on August 7, 2019) for the development of its proposed rates. A copy of the Rate Generator Model has been filed in Live Excel format and a copy can be found in Attachment C of this Application.

Entegrus-Main confirms the accuracy of the billing determinants pre-populated in the Rate Generator Model.

#### 6.2 CURRENT TARIFF SCHEDULE

The current 2019 rates (as approved in EB-2018-0024) were pre-populated in the Rate Generator Model by Board Staff. Entegrus has reviewed these inputs and confirms them to be accurate.

#### 6.3 DEFERRAL/VARIANCE ACCOUNT DISPOSITION

#### 6.3.1 OVERVIEW

Entegrus-Main last disposed of the Group One Account balances in its 2019 IRM Application (EB-2018-0024) for audited balances as of December 31, 2017. Accordingly, Entegrus has input the historic details of the Group One accounts into the detailed account continuity schedule shown in the Rate Generator Model as Tab "3. Continuity Schedule", starting with the 2018 opening balances.

Entegrus-Main is proposing a one-year period for the disposition of its Group One Account balances.

Entegrus-Main has made no adjustments to account balances previously approved by OEB on a final basis.

Entegrus-Main has implemented the new Account 1588 & Account 1589 accounting guidance, including a review of historical balances. The Entegrus-Main process closely aligned with the new Account 1588 & Account 1589 process. Accordingly, this review resulted in no adjustments. Entegrus-Main respectfully requests final disposition of the 2017 balances which were approved on an interim basis in its 2019 IRM Application (EB-2018-0024).



#### 6.3.2 THRESHOLD TEST

The Report of the Board on Electricity Distributors' Deferral and Variance Account Review (the "EDDVAR Report") provides that, during the IRM plan term, Group One Deferral and Variance Accounts ("Group One Accounts") are to be reviewed and disposed if the pre-set disposition threshold of \$0.001 per kWh (debit or credit) is exceeded. By way of a Board letter dated July 25, 2014, entitled "Process for 2015 Incentive Regulation Mechanism Distribution Rate Applications", this EDDVAR guidance was updated such that distributors may elect to dispose of Group One Account balances below the pre-set disposition threshold.

As summarized in Table 3 below, the Group One Account balances considered for disposition in the Application exceed the pre-set disposition threshold. Accordingly, Entegrus-Main has proposed disposition of the audited December 31, 2018 Group One Account balances herein over a one-year disposition period.

TABLE 3: 2018 DVA THRESHOLD TEST

Line	Description	USoA	Amount
No.	Description.		711104110
1	LV Variance Account	1550	\$172,724
2	Smart Metering Entity Charge Variance Account	1551	-\$39,159
3	RSVA - Wholesale Market Service Charge	1580	-\$89,938
4	Variance WMS – Sub-account CBR Class B	1580	-\$33,741
5	RSVA - Retail Transmission Network Charge	1584	\$363,278
6	RSVA - Retail Transmission Connection Charge	1586	\$600,717
7	RSVA - Power	1588	\$511,679
8	RSVA - Global Adjustment	1589	-\$269,014
9	Disposition and Recovery/Refund of Regulatory Balances	1595	\$33,805
10	Total Group One Balance for Disposition		\$1,250,350
11	Total kWh Consumption		927,620,536
12	Threshold Calculation		\$0.0013

#### 6.3.3 RRR RECONCILIATION

As noted in Section 5.1, the RRR balances shown in the Rate Generator Model, Tab "3. Continuity Schedule", Column BV reflect the consolidated Entegrus balances rather than the balances related to the specific rate zones. Please refer to Table 2 for the account balances by rate zone. The following table summarizes the variances from the Rate Generator Model, Tab "3. Continuity Schedule", Column BG plus column BL versus the RRR Entegrus – Main balances from Table 2 above.



TABLE 4: DVA BALANCE RECONCILIATION TO RRR AS OF DECEMBER 31, 2018

Line	Description	LICAA	Balance per	Table 2,	Variance
No.	Description	USoA	Model *	Column B	Variance
1	LV Variance Account	1550	\$586,485	\$586,486	-\$1
2	Smart Metering Entity Charge Variance Account	1551	-\$42,436	-\$42,436	\$0
3	RSVA - Wholesale Market Service Charge	1580	-\$915,133	-\$976,980	\$61,847
4	Variance WMS – Sub-account CBR Class A	1580	\$0	\$0	\$0
5	Variance WMS – Sub-account CBR Class B	1580	-\$61,847	-\$61,847	\$0
6	RSVA - Retail Transmission Network Charge	1584	\$566,661	\$566,661	-\$1
7	RSVA - Retail Transmission Connection Charge	1586	\$959,965	\$959,965	\$0
8	RSVA - Power	1588	\$784,222	\$750,070	\$34,153
9	RSVA - Global Adjustment	1589	-\$218,471	-\$183,319	-\$35,152
10	Disposition and Recovery/Refund of Regulatory Balances	1595	\$919,413	\$768,291	\$151,122
11	LRAM Variance Account	1568	\$251,373	\$431,194	-\$179,821
12	Total		\$2,830,232	\$2,798,085	\$32,146

<sup>\*</sup> Balances from Rate Generator Model, Tab "3. Continutity Schedule", Column BG + Column BL

The variance of \$61,847 (debit) reflected in Line 3 of Table 4 represents the balance of Sub-account CBR Class B. As directed in the Filing Guidelines, the amounts related to CBR Class B have been recorded in the Account 1580 subaccount entitled "Variance WMS – Sub-account CBR Class B" (shown above as Line 5) and are thereby excluded from Line 3 above.

The variance reflected in Line 8 of Table 4 represents the adjustments to the Commodity account based on known timing difference of \$19,696 reflected in Table 5 plus a 1588/1589 reclass entry debit of \$14,458 that was agreed to in Entegrus' 2018 IRM Application (EB-2017-0024) and intended to be booked the 2018 general ledger, however it was not booked until 2019. For more details regarding the current timing difference, please refer to Section 6.3.4 below.

The variance reflected in Line 9 of Table 4 represents the adjustments to the Global Adjustment account based on the reconciliation in the GA Analysis Workform plus the above noted 1588/1589 reclass entry for a credit of \$14,458. For more details regarding the GA Analysis Workform, please see Section 6.3.5 below.

The variance reflected in Line 10 of Table 4 is mostly related to an adjustment of \$148,991 to the 2017 residual balance to facilitate a one-time customer specific rate rider. Please see Section 6.3.6 for more details regarding this proposed adjustment. The remaining variance of \$2,132 relates to the write-off of immaterial residual balances which occurred in 2019.

The variance reflected in Line 11 of Table 4 represents the difference between the estimated LRAMVA recorded in the general ledger and reported in the RRR filing as of December 31, 2018, and the proposed LRAMVA disposition



based on Entegrus-Main's final verified IESO results plus the true-up contained in the April 2019 Participant & Cost Report. Please see Section 6.3.7 below for more details on the LRAMVA balance and the proposed disposition.

#### 6.3.4 ACCOUNT 1588 COMMODITY

Entegrus-Main has included a timing adjustment in the Rate Generator Model, Tab 3. Continuity Schedule, Cell BF28. This adjustment is summarized in the Table below and further details can be found in Attachment E which includes Appendix A – GA Methodology Description as requested in the Filing Requirements.

TABLE 5: 1588 PRINCIPAL ADJUSTMENTS

Line No.	Description	Principal Adjustment	Was the amount a "Principal Adjustment" in previous year? (Y/N)
1	Reversal of Cost of Power accrual from previous year	\$0	
2	Reversal of CT 1142 true-up from the previous year	\$0	
3	Unbilled to billed adjustment for previous year	\$0	
4	Reversal of RPP vs. Non-RPP allocation	\$0	
	Subtotal Reversals from Previous Year (A)	\$0	
5	Cost of power accrual for 2018 vs Actual IESO bill	\$0	
6	True up of CT1142 for 2018 consumption recorded in 2019	\$19,696	N
7	Unbilled accrued vs billed for 2018 consumption	\$0	
8	True up of RPP vs. Non-RPP allocation of CT148	\$0	
9	Other	\$0	
	Subtotal Principal Adjustments for 2018 consumption (B)	\$19,696	
	Total Principal Adjustments shown for 2018 (A+B)	\$19,696	

#### 6.3.5 ACCOUNT 1589 GLOBAL ADJUSTMENT

The OEB's filing requirements require each distributor to complete the Global Adjustment ("GA") Analysis Workform to determine whether the balance in Account 1589 GA is reasonable. The Workform compares the general ledger principal balance to an expected principal balance based on monthly GA volumes, revenues and costs. Distributors compare the actual and expected balances and explain the associated reconciling items. Any unexplained discrepancy greater than +/- 1% of the total annual IESO GA charges is assessed by the OEB for materiality and may prompt further analysis before disposition approval.

Please refer to Attachment D for a detailed description of Entegrus' IESO settlement process.

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



the fiscal year. This removes the risk of estimation error at year end. This approach is consistent with the Board guidance contained in its letter dated May 23, 2017, prior to which Entegrus had already commenced this practice.

Please refer to Attachment E for Entegrus-Main's completed GA Analysis Workform for the proposed 2018 Account 1589 disposition.

Note, the "Calculated Loss Factor" in Cell K59 of the GA Analysis Workform is shown as 1.0214, as compared to the Entegrus-Main tariff sheet secondary metered customer (<5,000 kW) loss rate of 1.0432 and the Entegrus-Main tariff sheet primary metered customer (<5,000 kW) loss rate of 1.0328. This difference relates to a particular one-time situation further described in Section 6.3.9. In summary, in 2017 Entegrus-Main entered into a Short-Term Load Transfer ("STLT") arrangement with Hydro One Networks Inc. ("HONI"), in order to support HONI's refurbishment of the Strathroy Transmission Station. This STLT continued until June of 2018. This arrangement resulted in 5,425,228 kWh being billed to HONI in 2018 at the Actual GA rate (as per HONI requirements), rather than at the 1st Estimate. This consumption has been reflected in the Non-RPP Class B consumption reported in RRR 2.1.5.4, but has been excluded from the Billed Consumption reported in Column C of the GA Analysis Workform. When the analysis is normalized for this STLT consumption, the Calculated Loss Factor is within range of Entegrus-Main's approved loss factor. Please see Table 6 below for the normalization to remove the impact of the one-time STLT arrangement.

TABLE 6: NON-RPP CALCULATED LOSS FACTOR NORMALIZATION

Line No.	Description	Source	kWh	
1	Non-RPP Class B	GA Workform, Cell D18	292,782,940	
2	Less HONI STLT billed at Actual		5,425,228	
3	Net Class B kWh	Line 1 minus Line 3	287,357,712	
4	Non-RPP Class B Consumption	GA Workform, Cell F53	299,038,600	
5	Calculated Loss Factor	Line 4 divided by Line 3	1.0406	

Entegrus-Main's Class B Global Adjustment Non-RPP activity resulted in a credit to Account 1589 of \$474,567, as inputted into the Rate Generator Model, Tab "3. Continuity Schedule", Cell BD29 and the GA Analysis Workform, Tab "GA 2018", Cell C64. The reconciling items are explained in detail within the GA Analysis Workform. The completed Workform results in an unresolved difference of \$78,533. This equates to 0.3% difference, which is within the Board's +/- 1% threshold.

Entegrus-Main has updated the Rate Generator Model, Tab "3. Continuity Schedule", Cell BF29 with a debit of \$214,025 as reflected in the timing adjustments identified in the GA Analysis Workform, Cell K78.



#### 6.3.6 ACCOUNT 1595 RESIDUAL BALANCES

Account 1595 is used to record the disposition of DVA balances approved for recovery or refund. Entegrus utilizes subaccounts to track the various Board Approved principal and interest balances upon disposition. Entegrus maintains subaccounts for each annual disposition and type of disposition (RPP or Non-RPP).

Entegrus-Main has one previous disposition for which the applicable rate riders expired on April 30, 2018 and has not previously been requested for disposition. Upon expiration, the Group One disposition subaccount ended with a small residual balance (which relates to volumetric variances). However, the associated Global Adjustment subaccount ended with a significant volumetric variance discussed below. Table 7 below provides the details of the balances to be disposed of.

TABLE 7: RESIDUAL BALANCES FOR DISPOSITION

Line	Description	EB Number	Rate Rider Ending	Original	Residual	Accrued	Total Claim
No.			Rate River Eliuling	Disposition	Balance	Interest	Total Claim
1	2017 IRM Group One Disposition (excluding 1589 - GA)	EB-2016-0063	April 30, 2018	-\$766,670	\$40,013	-\$3,983	\$36,030
2	2017 IRM Account 1589 Global Adjustment	EB-2016-0063	April 30, 2018	-\$604,899	-\$146,843	-\$5,625	-\$152,468
3	Grand Total				-\$106,830		-\$116,439

New to the OEB's filing requirements for 2019 IRM Applications, each distributor requesting disposition of Account 1595 residual balances must complete a supplemental 1595 Analysis Workform. Entegrus-Main has completed the 1595 Analysis Workform and provided additional notes regarding reconciling items within the Workform. The 1595 Analysis Workform has been provided in Live Excel and a copy has also been included in Attachment F.

Entegrus notes a significant portion of the 1589 Global Adjustment residual balance relates to the General Service > 50kW rate class. This is due to the transition of 17 General Service > 50kW customers from Class B to Class A effective July 1, 2017. During the time of the original GL balance accumulation, these customers would have contributed as Class B customers. However, due to their changeover to Class A status during the rate rider period, they did not receive the rate rider credit as anticipated. The following chart shows the 17 customers' usage and the implied rate rider amount from the time these customers changed over to Class A on July 1, 2017 to the end of the rate rider period on April 30, 2018:



TABLE 8: 1595 GLOBAL ADJUSTMENT ONE-TIME CREDIT

Line	Transitional	Consumption	Total
No.	Customers	Jul17 to Apr18	Amount
140.	Customers	(kWh)	(\$)
1	Customer 1	2,876,360	-\$3,739.27
2	Customer 2	6,810,049	-\$8,853.06
3	Customer 3	11,116,968	-\$14,452.06
4	Customer 4	2,449,694	-\$3,184.60
5	Customer 5	14,923,027	-\$19,399.94
6	Customer 6	4,599,243	-\$5,979.02
7	Customer 7	6,117,647	-\$7,952.94
8	Customer 8	6,395,684	-\$8,314.39
9	Customer 9	2,453,794	-\$3,189.93
10	Customer 10	11,146,548	-\$14,490.51
11	Customer 11	3,627,892	-\$4,716.26
12	Customer 12	3,739,448	-\$4,861.28
13	Customer 13	12,485,282	-\$16,230.87
14	Customer 14	12,874,458	-\$16,736.80
15	Customer 15	1,799,858	-\$2,339.82
16	Customer 16	6,320,427	-\$8,216.56
17	Customer 17	4,871,866	-\$6,333.43
18	Total	114,608,247	-\$148,990.72

Given the nature of this variance, Entegrus proposes a one-time bill credit to the above customers related to this residual balance based on their actual usage experience. Entegrus has entered the above amount as a Principal Adjustment in the Rate Generator Model, Tab "3. Continuity Schedule", Cell BF35 to facilitate this one-time credit. After this proposed one-time customer specific credit is completed, the residual balance would become a \$33,805 debit.

Consistent with the Rate Generator Model, Entegrus proposes that the residual balance of \$33,805 be disposed globally based on each balance's original allocations from the appropriate originating rate applications. Entegrus has inputted these percentages into Tab "4. Billing Det. for Def-Var" of the Rate Generator Model.

#### 6.3.7 ACCOUNT 1568 LRAMVA

In January 2015, Ontario launched a new six-year Conservation First Framework covering the period 2015-2020 and replacing the previous 2011-2014 Conservation and Demand Management ("CDM") framework. From 2011 through 2017, Entegrus-Main offered provincial CDM programs in partnership with the Independent Electricity System Operator ("IESO"). Entegrus-Main did not offer custom programs beyond the IESO programs.



Filed: August 12, 2019 Page 16 of 39

Board guidance authorizes distributors to establish a Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA"). The objective of the LRAMVA is to ensure that lost revenues resulting from CDM Programs do not act as a disincentive to a distributor. Accordingly, the LRAMVA captures the difference between the results of actual verified impacts of authorized CDM activities undertaken by distributors and the level of activities embedded into rates through the distributor's load forecast.

As previously noted, Entegrus-Main last rebased for rates effective May 1, 2016 (EB-2015-0061). This resulted in the establishment of a new baseline of CDM activities embedded in Entegrus-Main distribution rates for 2016, by way of the approved Entegrus-Main load forecast.

Entegrus-Main last disposed of claims for lost revenues through to December 31, 2016 in its 2019 IRM Application EB-2018-0024). The current Application proposes disposition of claims as follows:

- Lost revenues in 2017 related to programs offered in 2014
- Lost revenues in 2017 related to programs offered in 2015
- Lost revenues in 2017 related to programs offered in 2016; and,
- Lost revenues in 2017 related to programs offered in 2017.

Entegrus has engaged IndEco Strategic Consulting Inc. ("IndEco") to prepare a third party LRAMVA review. Please see Attachment G for IndEco's report, which supports a disposition amount of \$251,373 (inclusive of carrying charges to April 30, 2020). Entegrus considers this amount to be of sufficient significance to propose disposition and confirms that the amounts being proposed for disposition have never been included in past claims. The proposed LRAMVA disposition is based on the 2017 Verified Results issued in July 2018 plus identified 2017 project true-ups from the April 2019 Participant and Cost report from the IESO with associated detailed project level savings files also made available by the IESO.

The completed Board LRAMVA Workform is included herein as Attachment H. A copy in Live Excel format has been filed as part of this Application. An Excel copy of the Participant and Cost Report and detailed project level savings has been filed as part of this Application.

Information provided in the IndEco report includes the CDM programs/initiatives applicable to each rate class, as well as the energy savings (kWh) and peak demand (kW) assigned to each program/initiative.



Table 9 below provides a summary of the proposed LRAMVA disposition by rate class. The amounts below have been entered into the Rate Generator Model in Column S of Tab "4. Billing Det. for Def-Var" by rate class for disposition.

TABLE 9: PROPOSED LRAMVA DISPOSITION

Line No.	Rate Class	Principal	Interest	Total
1	Residential	\$70,936	\$3,848	\$74,783
2	General Service < 50 kW	\$21,965	\$1,191	\$23,156
3	General Service > 50 kW	\$134,150	\$7,277	\$141,426
4	Large Use	\$2,128	\$115	\$2,243
5	Unmetered Scattered Load	\$0	\$0	\$0
6	Sentinel Lighting	\$0	\$0	\$0
7	Street Lighting	\$9,261	\$502	\$9,763
8	Embedded Distributor	\$0	\$0	\$0
9	Total	\$238,439	\$12,933	\$251,373

#### 6.3.8 Approved Dispositions During 2019

The 2019 IRM (EB-2018-0024) approved interest for disposition is comprised of 3 interest components:

- 1. Interest accumulated and recorded in the general ledger to December 31, 2017 less previously approved dispositions amounts,
- 2. Interest calculated for January 1 to December 31, 2018 and subsequently recorded in the general ledger in 2018, and
- 3. Interest calculated for January 1 to April 30, 2019 and subsequently recorded in the general ledger in 2019.

The table below shows the value of each of these interest calculations as reproduced from Tab 3 of the 2019 Rate Generator Model and reconciling to Page 11 of the 2019 IRM Decision and Rate Order Corrected date of December 18, 2019 (EB-2018-0024).



**TABLE 10: DISPOSITION INTEREST RECONCILIATION** 

Line No.	Description	General Ledger Interest to Dec31/17	Calculated Interest Jan1/18 to Dec31/18	Subtotal Interest to Dec31/18	Calculated Interest Jan1/19 to Apr30/19	Total Approved Interest
		Α	В	C = A + B	D	E = C + D
1	Source: 2019 IRM Rate Generator Model	Tab 3, Col BP	Tab 3, Col BQ		Tab 3, Col BR	Tab 3, Col BS
2	LV Variance Account	\$2,282	\$7,725	\$10,007	\$2,575	\$12,582
3	Smart Metering Entity Charge Variance Account	-\$356	-\$75	-\$431	-\$25	-\$456
4	RSVA - Wholesale Market Service Charge	-\$5,212	-\$15,258	-\$20,470	-\$5,086	-\$25,556
5	Variance WMS – Sub-account CBR Class B	-\$457	-\$531	-\$988	-\$177	-\$1,165
6	RSVA - Retail Transmission Network Charge	\$1,315	\$3,942	\$5,257	\$1,314	\$6,571
7	RSVA - Retail Transmission Connection Charge	\$914	\$6,966	\$7,880	\$2,322	\$10,202
8	RSVA - Power	-\$3,301	\$5,654	\$2,353	\$1,885	\$4,238
9	RSVA - Global Adjustment	\$12,716	\$282	\$12,998	\$94	\$13,092
10	Disposition and Recovery/Refund - 2013	\$3,747	\$364	\$4,111	\$121	\$4,232
11	Disposition and Recovery/Refund - 2015	\$10,460	\$446	\$10,906	\$149	\$11,055
12	Disposition and Recovery/Refund - 2016	\$19,221	\$2,568	\$21,789	\$856	\$22,645
13	Grand Total	\$41,329	\$12,083	\$53,412	\$4,028	\$57,440

Based on the above calculations, Entegrus has entered the input the interest from Column C of Table 10 into Tab "3. Continuity Schedule", Column BN of the Rate Generator Model.

The calculation in the Rate Generator Model takes the interest recorded in the general ledger at the end of 2018 (Column BL) and reduces it by the interest approved in the latest IRM decision (Column BN). However, consistent with its accounting policy, Entegrus does not book the 2019 interest previously approved, as reflected in Column D of the table above, until the 2019 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.

#### 6.3.9 CLASS A CONSUMPTION AND GA ALLOCATION

During 2018, Entegrus-Main had one General Service > 50 kW customer who was previously Class A opt-out as of July 1 and an additional 10 General Service > 50 kW customers opted into Class A as of July 1. Seventeen General Service > 50 kW customers and one Large Use customer maintained their Class A status for the entire 2018 period.

Entegrus-Main has populated Tab "6. Class A Consumption Data" with the necessary customer specific consumption details.



Page 19 of 39

Additionally, as discussed in the 2019 IRM (EB-2018-0024), Entegrus-Main entered into a Short-Term Load Transfer

("STLT") agreement with HONI in August 2017 to support HONI's refurbishment of the Strathroy Transmission
Station. This agreement continued until June 2018. This arrangement resulted in 5,425,228 kWh being billed to
HONI in 2018 at the Actual GA rate, rather than at the 1<sup>st</sup> Estimate, which Entegrus-Main typically bills customers.
This arrangement was proposed by HONI and agreed to by Entegrus to ensure that no GA variances were created

during this one-time STLT anomaly.

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 January-June 2018. This treatment within the model appropriately removes the STLT consumption from the general GA allocation calculation and rate class specific rate rider calculation.

Entegrus-Main has input the necessary customer billing determinants into the Rate Generator Model, Tab "6. Class

A Consumption Data" and confirms that the billing determinants are accurate.

Entegrus-Main has reviewed the GA amounts allocated to the 11 customers which transitioned during 2018 as per the Rate Generator Model, Tab "6.1a. GA Allocation" and proposes to dispose of these amounts via 12 monthly equal bill credits.

6.3.10 CAPACITY BASED RECOVERY

Consistent with the Accounting Procedures Handbook, Entegrus-Main has continued to record Capacity Based Recovery ("CBR") charges and revenues separately for Class A and Class B customers in their respective Account 1580 subaccounts. Entegrus-Main previously disposed of Account 1580, Subaccount Class B in its 2019 IRM. The request for disposition relates to 2018 activity only. As noted above, Entegrus-Main had 11 transitional customers in 2018.

Entegrus-Main has completed Tab "6.2a CBR B\_Allocation" to calculate the necessary CBR bill credit for the transitional customers.

Entegrus-Main notes that the remaining balance in Account 1580, Subaccount CBR, Class B is small, and accordingly, does not produce a rate rider in one or more classes. Therefore, the residual amount has been moved to Account 1580 for disposition per the Rate Generator Model, Tab "6.2 CBR B".



#### 6.4 SHARED TAX SAVINGS

In accordance with the Board's methodology, the impact of currently known legislated tax rate changes (as applied to the tax level reflected in Board Approved base rates) is calculated and shared 50/50 with ratepayers. However, since the time of the last Entegrus-Main re-basing, no known legislative tax rate changes have occurred. Entegrus-Main has calculated Shared Tax Savings, as shown in Tab "8. STS – Tax Change" and Tab "9. Shared Tax – Rate Rider" of the Rate Generator Model. Accordingly, no Shared Tax Savings Rate rider is proposed.

#### 6.5 RETAIL TRANSMISSION RATES

On June 28, 2012, the Board issued revision 4.0 of *G-2008-0001: Electricity Distribution Retail Transmission Service Rates* (the "Guideline"). The Guideline instructs distributors to adjust their Retail Transmission Service Rates ("RTSR's") based on a comparison of historical transmission costs adjusted for new Uniform Transmission Rates ("UTR") levels, and receipts generated from existing RTSRs.

Entegrus-Main has utilized Tab "10. RTSR Current Rates" through Tab "15. RTSR Rates to Forecast" in the Rate Generator Model to complete the necessary calculations.

Entegrus-Main acknowledges that the IESO UTR and Hydro One Sub-Transmission class RTSRs currently used in the Rate Generator Model are subject to update by Board Staff subsequent to the issuance of the associated 2020 IESO and Hydro One Rate Orders.

#### 6.6 PRICE CAP INDEX ADJUSTMENT

Entegrus-Main has used the Rate Generator Model proxy values of 1.20% as the Price Escalator (GDP-IPI), a 0.0% Productivity Factor and Entegrus-Main's Group II Stretch Factor Value of 0.15%, as per the Board's 2018 Benchmarking Update for Determination of 2018 Stretch Factor Rankings. These components result in an interim Price Cap Index of 1.05%, as shown in Tab "16. Rev2Cost\_GDPIPI" of the 2020 Rate Generator Model. Entegrus-Main understands that Board Staff will adjust for the final GDP-IPI and Stretch Factor Group once both factors are available.

In its 2016 COS Application (EB-2015-0061), Entegrus-Main was approved to establish a Standby Power Service rate applicable for the General Service > 50 kW rate class and the Large Use rate class. It was further established that the Standby Power Service variable rate would align to the Distribution Volumetric Rate of the associated rate class (i.e. General Service > 50 kW or Large Use). Previously, the Rate Generator Model had been updated to



ensure alignment of these Distribution Volumatic Rates. The 2020 Rate Generator Model, Tab "16.

Rev2Cost\_GDPIPI" is currently showing only the Large Use Standby Charge correctly adjusted. On Tab "19. Final Tariff Schedule" the Standby – Large Use Standby Charge is correctly reflected with the adjusted rate however the General Service > 50 kW has not been adjusted. Entegrus-Main requests the General Service > 50 kW be adjusted to align with General Service > 50 kW Distribution Volumetric Rate.

Entegrus-Main acknowledges that the Price Cap Index Adjustment is no longer applied to Low Voltage Service rates as per Section 3.2.1.1 of the Filing Requirements. Accordingly, Entegrus-Main proposes to continue with the Low Voltage Service rates approved in the Entegrus-Main 2016 COS Application.

#### 6.7 RESIDENTIAL RATE DESIGN TRANSITION

On April 2, 2015, the Board released its policy "A New Distribution Rate Design for Residential Electricity Customers" (the "Policy"), by which the Board directed that the distribution costs will be recovered from Residential customers solely via a fixed monthly service charge. The Board further determined that the new rate design (i.e. the phase out of the Residential volumetric rate) would be implemented across all distributors' service areas over a four-year period, in order to mitigate customer bill impacts.

As previously described in Section 4, Entegrus-Main previously maintained 4 rate zones with a wide range of legacy fixed/variable proportions as a result of disparities in predecessor utility rate design. In Entegrus-Main's 2016 COS Application (EB-2015-0061), Entegrus-Main was approved to harmonize distribution rates simultaneous with the transition to fixed Residential rates. Implementation was commenced by first migrating all Residential customers to the highest level of fixed rates (the former CK rate zone) in 2016, and then subsequently migrating harmonized Entegrus-Main rates in equal increments over three years to become fully fixed by May 1, 2019.

Entegrus-Main confirms that the Residential rates were fully fixed on May 1, 2019 and no further adjustments are required.

#### 6.8 REVENUE TO COST RATIO ADJUSTMENTS

There were no Revenue to Cost Ratio phase-in adjustments subsequent to 2016 arising from Entegrus-Main's 2016 COS Decision dated March 17, 2016 (EB-2015-0061). Accordingly, Entegrus-Main has made no adjustments in the Rate Generator Model on Tab "16. Rev2Cost GDPIPI".

Page 22 of 39



#### 6.9 ADDITIONAL RATES

Entegrus-Main has not proposed any additional rates.

#### 6.10 REGULATORY CHARGES

#### 6.10.1 WHOLESALE MARKET SERVICE RATE & CAPACITY BASED RECOVERY RATE

The Wholesale Market Service Rate ("WMS") is designed to allow distributors to recover costs charged by the IESO for the operation of the IESO administered markets and the operation of the IESO controlled grid. The WMS Rate is an energy-based rate (per kWh) and is set by the OEB on a generic basis.

On November 19, 2015 the OEB issued a Decision and Order (EB-2015-0294) establishing that the WMS rate used by rate regulated distributors to bill their customers shall be \$0.0036 per kWh effective January 1, 2016.

On December 20, 2018, the OEB issued a letter advising LDCs that the Wholesale Market Service rate of \$0.0034/kWh be split into two rates as follows:

- Wholesale Market Service Rate of \$0.0030/kWh, and
- Capacity Based Recovery (CBR) Applicable to Class B Customers of \$0.0004/kWh.

Entegrus-Main proposes to continue to utilize the previously approved \$0.0030/kWh and \$0.0004/kWh rates unless otherwise directed by the Board.

#### 6.10.2 RURAL OR REMOTE ELECTRICITY RATE PROTECTION CHARGE ("RRRP")

The Rural or Remote Electricity Rate Protection Charge ("RRRP") was established by regulation of the provincial government. The RRRP is designed to reduce costs for eligible customers located in rural or remote areas, where the cost of distributing electricity to these customers is higher.

On December 20, 2018, the OEB issued a Decision and Order (EB-2018-0294) establishing that the RRRP rate used by rate regulated distributors to bill their customers to be \$0.0005 per kWh effective January 1, 2019.

Entegrus-Main proposes to continue to utilize the previously approved \$0.0005/kWh rate unless otherwise directed by the Board.



#### 6.10.3 STANDARD SUPPLY SERVICE - ADMINISTRATIVE CHARGE ("SSS")

Entegrus-Main proposes to continue to utilize the previously approved \$0.25/customer rate, unless otherwise directed by the Board.

#### 6.11 PROPOSED RATES

Entegrus-Main has utilized the Proposed Tariff sheet as generated from Tab "19. Final Tariff Schedule" in the Rate Generator Model.

Entegrus-Main has made the following changes to the generated Proposed Tariff Sheets, included herein as Attachment I for consistency with the 2020 IRM tariff sheet:

- Consistent with the Standby Rate Class discussion in Section 6.6, Entegrus-Main has updated the General Service > 50 KW Standby Charge to align with the General Service > 50 kW Distribution Volumetric Rate.
- Entegrus-Main has attached a copy of the "Notes" page as approved in Entegrus-Main's 2016 COS Application and in Entegrus-Main's 2017, 2018 and 2019 IRM Application.

#### 6.12 BILL IMPACTS

Entegrus-Main has utilized the Rate Generator Model to prepare bill impacts for each rate class. The table below summaries the bill impacts for the average Entegrus-Main customer in each rate class.

TABLE 11: 2019 ENTEGRUS-MAIN PROPOSED BILL IMPACTS

Line	Rate Class	Туре	Typical kWh	Typical kW	<b>2019</b> Final	2020 Prelim	\$ Increase	% Increase
No.	nate Class	Туре	Typical KWII	Typical KVV	Rates	Rates	(Decrease)	(Decrease)
1	Residential	RPP	700	-	\$104	\$106	\$1	1.3%
2	General Service < 50 kW	RPP	2,000	-	\$273	\$276	\$3	1.2%
3	General Service > 50 - 4,999 kW	Non-RPP	162,500	500	\$27,107	\$27,261	\$154	0.6%
4	Large Use (Inc'ing Standby)	Non-RPP	2,763,935	10,200	\$462,112	\$464,429	\$2,317	0.5%
5	Large Use	Non-RPP	2,631,117	5,500	\$403,416	\$406,060	\$2,645	0.7%
6	Unmetered Scattered Load	RPP	150	-	\$28	\$28	\$0	1.4%
7	Sentinel Lighting	RPP	150	1	\$30	\$30	\$1	2.5%
8	Street Lighting	Non-RPP	150	1	\$23	\$24	\$1	4.0%
9	Embedded Distributor	Non-RPP	368,500	14	\$49,802	\$49,400	-\$402	-0.8%

As shown in the table above, the proposed bill impacts would result in rate increases less than 10% for all rate classes. Accordingly, no rate mitigation measures are proposed. Please see Attachment J for detailed bill impact schedules.



## 7 Entegrus - St. Thomas Rate Zone

#### 7.1 PREPARATION OF RATES

Entegrus has utilized the Board's Rate Generator Model (version 2.0 issued July 5, 2019, manually updated by Board Staff on August 7, 2019) for the development of its proposed rates. A copy of the Rate Generator Model has been filed in Live Excel format and a copy can be found in Attachment K of this Application.

Entegrus-St. Thomas confirms the accuracy of the billing determinants pre-populated in the Rate Generator Model.

#### 7.2 CURRENT TARIFF SCHEDULE

The current 2019 rates (as approved in EB-2018-0024) were pre-populated in the Rate Generator Model by Board Staff. Entegrus has reviewed these inputs and confirms them to be accurate.

#### 7.3 DEFERRAL/VARIANCE ACCOUNT DISPOSITION

#### 7.3.1 OVERVIEW

The former St. Thomas Energy Inc. ("STEI") last disposed of the Group One Account balances in its 2016 IRM Application (EB-2015-0102) for audited balances as of December 31, 2014. Accordingly, Entegrus has input the historic details of the Group One accounts into the detailed account continuity schedule shown in the Rate Generator Model as Tab "3. Continuity Schedule", starting with the 2014 ending balances.

Entegrus – St. Thomas is proposing a one-year period for the disposition of its Group One Account balances.

Entegrus – St. Thomas has made no adjustments to account balances previously approved by OEB on a final basis.

Entegrus-St. Thomas has implemented the new Account 1588 & Account 1589 accounting guidance, including a review of historical balances. As a result of the Board Staff audit described below in Section 7.3.2, the Entegrus-St. Thomas processes closely aligned with the new Account 1588 & Account 1589 process. Accordingly, this review resulted in no further adjustments.



#### 7.3.2 ENTEGRUS - ST. THOMAS VARIANCE ACCOUNTS

#### **Background**

In the Decision and Order for the former STEI's 2017 IRM Application (EB-2016-0104), the Board noted that it planned to conduct an audit of the STEI 2015 and 2016 Account 1588 – RSVA Power and Account 1589 – Global Adjustment variance accounts. Thereafter, STEI made process enhancements and prepared reconciliations in preparation for the audit. In January 2018, OEB Staff concluded its audit and summarized the findings as follows:

"Staff has concluded that due to a misallocation error in 2015, the balances reported for Accounts 1588 and 1589 as at December 31, 2016 have been materially misstated. However, Staff notes there has been no impact to customers to date as these balances have not yet been approved for disposition. As a result, Staff expects STEI to make the necessary adjustments to Accounts 1588 and 1589 as of 2017 to ensure accurate account balances are brought forward for disposition in its next rate application."

STEI completed the required accounting entries in the first quarter of 2018 and booked the entries into the 2017 fiscal year. Thereafter, on August 22, 2018, Entegrus filed the Entegrus - St. Thomas rate zone 2019 IRM Application (EB-2018-0024), which included a request for disposition of Group One variance accounts (the "St. Thomas variance accounts") for the period from January 1, 2015 to December 31, 2017.

In September 2018, Entegrus advised the Board that a single metering configuration error related to the March 2017 installation of a new General Service > 50kW interval meter account in St. Thomas had been identified. Management assessed that this error had a material impact on the 2017 St. Thomas variance accounts initially proposed for disposition in the Entegrus – St. Thomas 2019 IRM Application. Management noted that it was conducting meter validations and was engaging with the customer to resolve the issue. Accordingly, Entegrus updated the Entegrus – St. Thomas 2019 IRM Application to remove the request for disposition of 2017 St. Thomas variance accounts.

In November 2018, Entegrus received questions from OEB Staff related to the proposed 2015 and 2016 St. Thomas variance account dispositions. Management advised the Board that it had commenced conducting additional analysis in this regard and had encountered delays as a result of merger-related activities and staff turnover. Accordingly, Entegrus updated the Entegrus – St. Thomas 2019 IRM Application to remove the request for disposition of the 2015 and 2016 St. Thomas variance accounts (excluding LRAMVA).



**Update** 

In the fall of 2018, management validated and corrected the above-noted metering configuration error. Meetings were held with the customer and a billing adjustment was made to refund the customer, retroactive to the commencement of the metering error in March 2017. See Section 7.3.6 for details of the billing adjustment, which has been appropriately reflected in the proposed Entegrus – St. Thomas rate zone variance account disposition.

Thereafter, management conducted an internal assessment of all Entegrus – St. Thomas interval-metered customers. This assessment involved field visits to each individual meter. For each meter, a review and comparison of all pulse multipliers against billing multipliers was conducted, as well as a cross-check against the billing system. The assessment detected no further metering errors.

In late 2018, management elected to reperform the accounting of 2015 – 2018 St. Thomas 1588 and 1589 account balances using original source documentation. This reperformance identified that, starting in early 2015, Streetlight global adjustment revenues collected had inadvertently been posted to Account 1588 (Commodity), rather than Account 1589 (Global Adjustment). See Section 7.3.6 for the resulting reclassification entries, which were booked in fiscal 2018 and have been appropriately reflected in the proposed Entegrus – St. Thomas rate zone variance account disposition.

#### 7.3.3 THRESHOLD TEST

The Report of the Board on Electricity Distributors' Deferral and Variance Account Review (the "EDDVAR Report") provides that, during the IRM plan term, Group One Deferral and Variance Accounts ("Group One Accounts") are to be reviewed and disposed if the pre-set disposition threshold of \$0.001 per kWh (debit or credit) is exceeded. By way of a Board letter dated July 25, 2014, entitled "Process for 2015 Incentive Regulation Mechanism Distribution Rate Applications", this EDDVAR guidance was updated such that distributors may now elect to dispose of Group One Account balances below the pre-set disposition threshold.

As summarized in Table 12 below, the Group One Account balances considered for disposition in the Application exceed the pre-set disposition threshold. Accordingly, Entegrus – St. Thomas has proposed disposition of the audited December 31, 2018 Group One Account balances herein.



TABLE 12: ENTEGRUS - ST. THOMAS THESHOLD TEST

Line	Description	LICOA	Amount
No.	Description	USoA	Amount
1	LV Variance Account	1550	\$0
2	Smart Metering Entity Charge Variance Account	1551	-\$35,466
3	RSVA - Wholesale Market Service Charge	1580	-\$1,294,584
4	Variance WMS – Sub-account CBR Class B	1580	\$65,697
5	RSVA - Retail Transmission Network Charge	1584	-\$183,064
6	RSVA - Retail Transmission Connection Charge	1586	\$128,228
7	RSVA - Power	1588	-\$575,449
8	RSVA - Global Adjustment	1589	-\$182,336
9	Disposition and Recovery/Refund of Regulatory Balances	1595	\$234,959
10	Total Group One Balance for Disposition		-\$1,842,015
11	Total kWh Consumption		291,605,691
12	Threshold Calculation		-\$0.0063

#### 7.3.4 RRR RECONCILIATION

The RRR balances shown in the Rate Generator Model, Tab "3. Continuity Schedule", Column BV reflect the total combined Entegrus balance rather than the balances related to the specific rate zones. Please refer to Table 2 for the account balances by rate zone. The following table summarizes the variances from the Rate Generator Model, Tab "3. Continuity Schedule", Column BG plus column BL versus the RRR Entegrus – St. Thomas balances in Table 2.

TABLE 13: DVA BALANCE RECONCILIATION TO RRR AS OF DECEMBER 31, 2018

Line	Description	USoA	Balance per	Table 2,	Variones
No.	Description	USOA	Model *	Column B	Variance
1	LV Variance Account	1550	\$0	\$0	\$0
2	Smart Metering Entity Charge Variance Account	1551	-\$34,702	-\$34,702	\$0
3	RSVA - Wholesale Market Service Charge	1580	-\$1,267,064	-\$1,202,754	-\$64,311
4	Variance WMS – Sub-account CBR Class A	1580	\$0	\$0	\$0
5	Variance WMS – Sub-account CBR Class B	1580	\$64,311	\$64,311	\$0
6	RSVA - Retail Transmission Network Charge	1584	-\$179,213	-\$179,213	\$0
7	RSVA - Retail Transmission Connection Charge	1586	\$125,395	\$125,395	\$0
8	RSVA - Power	1588	-\$564,061	-\$552,023	-\$12,038
9	RSVA - Global Adjustment	1589	-\$177,480	-\$152,663	-\$24,817
10	Disposition and Recovery/Refund of Regulatory Balances	1595	\$230,156	\$230,156	\$0
11	LRAM Variance Account	1568	\$84,062	\$136,073	-\$52,011
12	Total		-\$1,718,597	-\$1,565,420	-\$153,178

 $<sup>* \</sup>textit{Balances from Rate Generator Model, Tab "3. Continutity Schedule", Column \textit{BG} + Column \textit{BL}}$ 

The variance of \$64,311 (credit) reflected in Line 3 of Table 13 represents the balance of Sub-account CBR Class B. As directed in the Filing Guidelines, the amounts related to CBR Class B have been recorded in the Account 1580



subaccount entitled "Variance WMS – Sub-account CBR Class B" (shown above as Line 5) and are thereby excluded from Line 3 above.

The variance reflected in Line 8 of Table 13 represents the adjustments to the Commodity account based on known timing differences. For more details please refer to Section 7.3.5 below.

The variance reflected in Line 9 of Table 13 represents the adjustments to the Global Adjustment account based on the reconciliation in the GA Analysis Workform. For more details, please see Section 7.3.6 below.

The variance reflected in Line 11 of Table 13 represents the difference between the estimated LRAMVA recorded in the general ledger and reported in the RRR filing as of December 31, 2018, and the proposed LRAMVA disposition based on Entegrus – St. Thomas' final verified IESO results plus true-up contained in the April 2019 Participant & Cost Report. Please see Section 7.3.8 below for more details on the LRAMVA balance and the proposed disposition.

#### 7.3.5 ACCOUNT 1588 COMMODITY

Entegrus – St. Thomas has included a timing adjustment in the Rate Generator Model, Tab 3. Continuity Schedule, Cell BF28. This adjustment is summarized in the Table below and further details can be found in Attachment M which includes Appendix A – GA Methodology Description as requested in the Filing Requirements.

TABLE 14:ACCOUNT 1588 COMMODITY TIMING ADJUSTMENT

Line No.	Description	Principal Adjustment	Was the amount a "Principal Adjustment" in previous year? (Y/N)
1	Reversal of Cost of Power accrual from previous year	\$0	
2	Reversal of CT 1142 true-up from the previous year	\$0	
3	Unbilled to billed adjustment for previous year	\$0	
4	Reversal of RPP vs. Non-RPP allocation	\$0	
	Subtotal Reversals from Previous Year (A)	\$0	
5	Cost of power accrual for 2018 vs Actual IESO bill	-\$34,127	N
6	True up of CT1142 for 2018 consumption recorded in 2019	\$0	
7	Unbilled accrued vs billed for 2018 consumption	\$22,089	N
8	True up of RPP vs. Non-RPP allocation of CT148	\$0	
9	Other	\$0	
	Subtotal Principal Adjustments for 2018 consumption (B)	-\$12,038	
	Total Principal Adjustments shown for 2018 (A+B)	-\$12,038	

Page 29 of 39





7.3.6 ACCOUNT 1589 GLOBAL ADJUSTMENT

The OEB's filing requirements require each distributor to complete the Global Adjustment ("GA") Analysis Workform to determine whether the balance in Account 1589 GA is reasonable. The Workform compares the general ledger principal balance to an expected principal balance based on monthly GA volumes, revenues and costs. Distributors compare the actual and expected balances and explain the associated reconciling items. Any unexplained discrepancy greater than +/- 1% of the total annual IESO GA charges is assessed by the OEB for materiality and may prompt further analysis before disposition approval.

Please refer to Attachment L for a detailed description of Entegrus' IESO settlement process.

Consistent with the Board guidance contained in its letter dated May 23, 2017, in 2017, Entegrus – St. Thomas commenced the practice of truing up the December RPP / GA in January/February prior to closing the previous fiscal year general ledger.

Please refer to Attachment M for Entegrus – St. Thomas' completed GA Analysis Workform for the proposed 2015 to 2018 Account 1589 disposition. To summarize, a one-page cumulative GA Analysis Workform for the period has been prepared and is shown below:



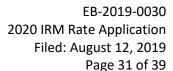
TABLE 15: 2015 - 2018 GA VARIANCE ANALYSIS

Line No.	Description	Reference	2015	2016	2017	2018	Total
1	Net Change in Principal Balance in GL	GA Analysis Workform, Cell C62	\$2,042,100	\$482,073	-\$1,664,743	-\$1,050,676	-\$191,247
2	Reconciling Items:						\$0
3	Variances relating to prior to 2015 recorded subsequent to Jan1/15	GA Analysis Workform, Cell C65-70	\$19,955				\$19,955
4	1588/1589 Reclassification Entry (2017)	GA Anaysis Workform, Line 9	-\$1,764,480		\$1,764,480		\$0
5	1588/1589 Reclassification Entry (2018)	GA Analysis Workform, Line 10	-\$235,372	-\$238,996	-\$184,433	\$658,801	\$0
6	Correction of single metering configuration	GA Analysis Workform, Cell C72			\$209,408	-\$209,408	\$0
7	Differences in actual system losses and billed TLFs	GA Analysis Workform, Line 7	\$22,907	\$31,262	\$84,415	\$65,276	\$203,860
8	Differences in GA IESO posted rate and rate charged on IESO invoice	GA Analysis Workform, Line 6				\$42,491	\$42,491
9	Variances relating to 2018, recorded in 2019	GA Analysis Workform, Cell C66				-\$24,817	-\$24,817
10	Interperiod reclassifcations to balance	GA Analysis Workform, Line 8	\$153,536	-\$360,880	-\$132,901	\$340,245	\$0
11	Adjusted Net Change in Principal Balance		\$238,646	-\$86,541	\$76,225	-\$178,088	\$50,242
12	Calculated Expected GA Variance	GA Analysis Workform, Cell K51	\$238,646	-\$86,541	\$76,225	-\$125,953	\$102,376
13	Unresolved Difference		\$0	\$0	\$0	-\$52,135	-\$52,135
14	Expected GA Payments to IESO	GA Analysis Workform, Cell J51	\$10,559,261	\$9,820,060	\$5,712,775	\$6,394,313	\$32,486,408
15	Unresolved % of Expected GA Payments		0.0%	0.0%	0.0%	-0.8%	-0.2%

The cumulative unresolved difference for Account 1589 for 2015 – 2018 (shown on Line 13) is \$52,135 (credit). Management notes that this cumulative unresolved difference equates to 0.2% and is below the Board's +/- 1% threshold.

As previously noted in Section 7.3.2, a January 2018 Board Staff audit identified a misallocation error between Accounts 1588 and 1589 in 2015. Management prepared and recorded the necessary adjustments in fiscal 2017. These adjustments create a timing difference in the GA Analysis Workform. Line 4 of Table 15 above reflects the 2017 entry to correct 2015 account activity.

As previously noted in Section 7.3.2, in late 2018 management reperformed the accounting of 2015 – 2018 St. Thomas variance account balances. The process involved the preparation of independent account reconciliations with the December 31, 2014 account balances (previously approved for disposition in EB-2015-0102) as the starting point. Using original source documents for 2015-2018, including IESO invoices, RPP settlements, generation settlements and CIS billed sales, management conducted account reconciliations of Account 1588 and





1589 to December 31, 2018. Reperformance after-the-fact provided the benefit of perfect hindsight. For instance, actual billed sales were used rather than unbilled estimates, or initially billed amounts that were later amended by retroactive billing adjustments.

The objective of the reperformance process was to validate the appropriate Account 1588 and Account 1589 balances as at December 31, 2018 and then compare the balances to the December 31, 2018 general ledger amounts. As previously noted in Section 7.3.2, the process identified the need for adjustments. Specifically, it was identified that, starting in early 2015, Streetlight variance transactions had been inadvertently been posted to Account 1588 (Commodity), instead of Account 1589 (Global Adjustment). Table 15 above shows the entries to correct the Streetlight transactions (shown on Line 5). In addition, interperiod reclassifications to balance were also identified (shown on Line 10).

Also, as previously noted in Section 7.3.2, management validated and corrected a metering configuration error in the fall of 2018. Since the metering error originated in March 2017, a portion of the resulting billing adjustment related to 2017. This creates a timing difference in the GA Analysis Workform. Line 6 of Table 15 above shows the 2018 reclassification entry to correct the 2017 portion of the billing adjustment.

It is noted that the "Calculated Loss Factors" in Cell F59 of the GA Analysis Workform in 2016, 2017 and 2018 are not within the range of the Entegrus – St. Thomas tariff sheet secondary metered customer loss rate of 1.0393 and the primary metered customer loss rate of 1.0289. This relates to a segment of larger volume General Service > 50 kW interval metered customers who were billed using the IESO-published Actual GA rate for consumption related to the period of July 2016 to April 2018. As discussed in the Entegrus – St. Thomas 2019 IRM (EB-2018-0024) in response to Question 4, these 22 customers were moved to the IESO-published Actual GA rate for billing purposes in July 2016, with an objective of reducing the GA variances by removing the impact of estimation. At the time, STEI management was unaware of O. Reg 429/04, Section 16(3). Upon review of this regulation in April 2018, the associated 22 customers were immediately switched back to the IESO-published GA 1st estimate billing rate. The Table below shows the recalculated loss factors as normalized for this adjustment.

1.0348



Calculated Loss Factor

Line No.	Description	Source	2015	2016	2017	2018
1	Non-RPP Class B	GA Analysis Workform, Cell D18	128,682,932	129,048,783	102,226,435	78,386,894
2	Non-RPP Class B Consumption	GA Analysis Workform, Cell F51	134,088,445	99,759,453	57,167,676	68,846,117
3	Add Non-RPP Class B Consumption billed at Actual Rate	Calculated	-	33,573,192	48,587,266	12,264,962
4	Adjusted Non-RPP Class B Consumption	Line 2 + Line 3	134,088,445	133,332,645	105,754,942	81,111,079

TABLE 16: ENTEGRUS - ST. THOMAS LOSS FACTOR CALCULATION

Note: Line 1 for 2017 was sourced from RRR 2.1.5.4 updated in June 2019 as the GA Analysis Workform currently reflects a combined Entegrus number rather than the Entegrus-St. Thomas specific value required.

Line 4 / Line 1

#### 7.3.7 ACCOUNT 1595 RESIDUAL BALANCES

Account 1595 is used to record the disposition of DVA balances approved for recovery or refund. Entegrus – St. Thomas utilizes subaccounts to track the various Board Approved principal and interest balances upon disposition. Entegrus – St. Thomas maintains subaccounts for each annual disposition and type of disposition (RPP or Non-RPP).

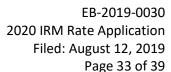
Entegrus – St. Thomas has three previous dispositions for which the applicable rate riders have expired in or prior to December 2018 and have not previously been requested for disposition. Upon expiration, the associated subaccounts ended with residual balances (which relate to volumetric variances) and require disposition, as detailed in the table below:

**TABLE 17: RESIDUAL BALANCES FOR DISPOSITION** 

Line No.	Description	EB Number	Rate Rider Ending	Original Disposition	Residual Balance	Accrued Interest	Total Claim
1	2014 IRM Group One Disposition	EB-2013-0171	April 30, 2015		\$184,611	\$15,702	\$200,313
2	2015 COS Group One & LRAMVA	EB-2014-0113	December 31, 2015	-\$47,339	\$8,444	\$3,196	\$11,640
3	2016 IRM Group One Disposition	EB-2015-0102	December 31, 2016	\$485,119	\$14,877	\$3,326	\$18,203
4	Grand Total				\$207,932		\$230,156

The Filing Requirements direct that each distributor requesting disposition of Account 1595 residual balances must complete a supplemental 1595 Analysis Workform. Entegrus – St. Thomas has completed the 1595 Analysis Workform and provided additional notes regarding reconciling items within the Workform. The 1595 Analysis Workform has been provided in Live Excel and a copy has also been included in Attachment N.

It is noted that the relatively large residual balance from the 2014 IRM Disposition (Table 17, Line 1) results from actual demand for the General Service > 50 kW rate class being lower than forecasted, particularly as impacting





the Non-RPP Global Adjustment portion of the rate rider disposition. As noted in the 2015 STEI Cost of Service (EB-2014-0113, Exhibit 2, page 17), the City of St. Thomas suffered an economic downturn during the "Great Recession". This ultimately resulted in various industrial plants being wound down and then closed. The former STEI continued to experience a trend of decreasing General Service > 50 kW load during the 2014 rate rider disposition period. However, the billing determinants used to calculate the 2014 IRM Disposition rate rider denominator were based on 2012 load data, at which time the full recessionary impacts had not yet been realized. This drove the volumetric variance results in the EB-2013-0171 rate rider residual balance.

Consistent with the Rate Generator Model, Entegrus – St. Thomas proposes that the residual balances be disposed of globally based on each balance's original allocations from the appropriate originating rate applications.

Entegrus – St. Thomas has inputted these percentages into Tab "4. Billing Det. for Def-Var" of the Rate Generator Model.

#### 7.3.8 ACCOUNT 1568 LRAMVA

In January 2015, Ontario launched a new six-year Conservation First Framework covering the period 2015-2020 and replacing the previous 2011-2014 Conservation and Demand Management ("CDM") framework. From 2011 through 2017, Entegrus - St. Thomas offered provincial CDM programs in partnership with the Independent Electricity System Operator ("IESO"). Entegrus - St. Thomas did not offer custom programs beyond the IESO programs.

Board guidance authorizes distributors to establish a Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA"). The objective of the LRAMVA is to ensure that lost revenues resulting from CDM Programs do not act as a disincentive to a distributor. Accordingly, the LRAMVA captures the difference between the results of actual verified impacts of authorized CDM activities undertaken by distributors and the level of activities embedded into rates through the distributor's load forecast.

As previously noted, Entegrus - St. Thomas last rebased for rates effective January 1, 2015 (EB-2014-0113). This resulted in the establishment of a new baseline of CDM activities embedded in Entegrus - St. Thomas distribution rates for 2015, by way of the approved Entegrus - St. Thomas load forecast.

Entegrus – St. Thomas last disposed of claims for lost revenues through to December 31, 2016 in its 2019 IRM Application (EB-2018-0024). The current Application proposes disposition of claims as follows:

Lost revenues in 2017 related to programs offered in 2013;



- Lost revenues in 2017 related to programs offered in 2014;
- Lost revenues in 2017 related to programs offered in 2015;
- Lost revenues in 2017 related to programs offered in 2016; and,
- Lost revenues in 2017 related to programs offered in 2017.

Entegrus has engaged IndEco Strategic Consulting Inc. ("IndEco") to prepare a third party LRAMVA review. Please see Attachment G for IndEco's report, which supports a disposition amount of \$84,062 (inclusive of carrying charges to January 1, 2020). Entegrus - St. Thomas considers this amount to be of sufficient significance to propose disposition and confirms that the amounts being proposed for disposition have never been included in past claims. The proposed LRAMVA disposition is based on the 2017 Verified Results issued in July 2018 plus identified 2017 project true-ups from the April 2019 Participant and Cost report from the IESO with associated detailed project level savings files also made available by the IESO.

The completed Board LRAMVA Workform is included herein as Attachment H. A copy in Live Excel format has been filed as part of this Application. An Excel copy of the Participant and Cost Report and detailed project level savings has been filed as part of this Application.

Information provided in the IndEco report includes the CDM programs/initiatives applicable to each rate class, as well as the energy savings (kWh) and peak demand (kW) assigned to each program/initiative.

Table 18 below provides a summary of the proposed LRAMVA disposition by rate class. The amounts below have been entered into the Rate Generator Model in Column S of Tab "4. Billing Det. for Def-Var" by rate class for disposition.

TABLE 18: ENTEGRUS - ST. THOMAS PROPOSED LRAMVA DISPOSITION

Line	Rate Class	Principal	Interest	Total
No.	1			
1	Residential	\$37,975	\$1,784	\$39,759
2	General Service < 50 kW	\$16,958	\$797	\$17,755
3	General Service > 50 kW	\$25,286	\$1,188	\$26,474
4	Sentinel Lighting	\$0	\$0	\$0
5	Street Lighting	\$71	\$3	\$74
6	Total	\$80,290	\$3,772	\$84,062

Filed: August 12, 2019

#### 7.3.9 CLASS A CONSUMPTION AND GA ALLOCATION

As a result of the expansion of the Industrial Conservation Initiative ("ICI") program, Entegrus – St. Thomas added 6 Class A customers from the General Service > 50 kW rate class in 2017 and an additional 2 Class A customers in 2018. Prior to this, Entegrus – St. Thomas did not have any Class A customers.

However, as described in the latter part of Section 7.3.6 above, commencing in July 2016, Entegrus – St. Thomas started billing General Service > 50 kW interval customers on the IESO-published Actual rate instead of the traditional IESO-published 1st Estimate. To facilitate appropriate allocation and rate rider calculation of the GA disposition, Entegrus - St. Thomas has treated these 22 customers as Class A customers within the Rate Generator Model. It should be also noted that 4 of the 8 actual Class A customers were similarly billed on the IESO-published Actual GA rate from July 2016 to April 2018.

Entegrus - St. Thomas has populated Tab "6. Class A Consumption Data" with the necessary customer specific consumption details and confirms that the billing determinants are accurate.

Entegrus – St. Thomas has reviewed the GA amounts allocated to the transitional Class A customers on Rate Generator Model, Tab "6.1a. GA Allocation" and proposes to dispose of these amounts via a monthly bill credit for 12 months.

#### 7.3.10 CAPACITY BASED RECOVERY

Consistent with the Accounting Procedures Handbook, Entegrus – St. Thomas has continued to record Capacity Based Recovery ("CBR") charges and revenues separately for Class A and Class B customers in their respective Account 1580 subaccounts. Entegrus - St. Thomas has not previously disposed of Account 1580, Subaccount Class B. Accordingly, the request for disposition relates to activity for 2015 to 2017. As noted above, Entegrus - St. Thomas had 6 customers transition from Class B to Class A in July 2017.

Entegrus - St. Thomas has completed Tab "6.2a CBR B\_Allocation" to calculate the necessary CBR bill credit for the transitional customers.

#### 7.4 SHARED TAX SAVINGS

In accordance with the Board's methodology, the impact of currently known legislated tax rate changes (as applied to the tax level reflected in Board Approved base rates) is calculated and shared 50/50 with ratepayers. However, since the time of the last Entegrus – St. Thomas re-basing (EB-2014-0113), no known legislative tax rate changes



have occurred. Entegrus – St. Thomas has calculated Shared Tax Savings, as shown in Tab "8. STS – Tax Change" and Tab "9. Shared Tax – Rate Rider" of the Rate Generator Model. Accordingly, no Shared Tax Savings Rate rider is proposed.

#### 7.5 RETAIL TRANSMISSION RATES

On June 28, 2012, the Board issued revision 4.0 of *G-2008-0001: Electricity Distribution Retail Transmission Service Rates* (the "Guideline"). The Guideline instructs distributors to adjust their Retail Transmission Service Rates ("RTSR's") based on a comparison of historical transmission costs adjusted for new Uniform Transmission Rates ("UTR") levels, and revenues generated from existing RTSRs.

Entegrus – St. Thomas has utilized Tab "10. RTSR Current Rates" through Tab "15. RTSR Rates to Forecast" in the Rate Generator Model to complete the necessary calculations.

Entegrus – St. Thomas acknowledges that the IESO UTR and Hydro One Sub-Transmission class RTSRs currently used in the Rate Generator Model are subject to update by Board Staff subsequent to the issuance of the associated 2019 IESO and Hydro One rate orders.

#### 7.6 PRICE CAP INDEX ADJUSTMENT

Entegrus – St. Thomas has used the Rate Generator Model proxy values of 1.20% as the Price Escalator (GDP-IPI), a 0.0% Productivity Factor and Entegrus – St. Thomas' Group II Stretch Factor Value of 0.15%, as per the Board's 2018 Benchmarking Update for Determination of 2018 Stretch Factor Rankings. These components result in an interim Price Cap Index of 1.05%, as shown in Tab "16. Rev2Cost\_GDPIPI" of the 2019 Rate Generator Model. Entegrus – St. Thomas understands that Board Staff will adjust for the final GDP-IPI and Stretch Factor Group once both factors are available.

#### 7.7 RESIDENTIAL RATE DESIGN TRANSITION

On April 2, 2015, the Board released its policy "A New Distribution Rate Design for Residential Electricity Customers" (the "Policy"), by which the Board directed that the distribution costs will be recovered from Residential customers solely via a fixed monthly service charge. The Board further determined that the new rate design (i.e. the phase out of the Residential volumetric rate) would be implemented across all distributors' service areas over a four-year period, in order to mitigate customer bill impacts.

Entegrus - St. Thomas has utilized the methodology in the Rate Generator Model, Tab "16. Rev2Cost\_GDIPI" to continue to transition to fully fixed rates for Residential customers. The transition proposed as part of this Application moves Entegrus - St. Thomas to fully fixed rates effective January 1, 2019.

Entegrus – St. Thomas confirms that the Residential rates were fully fixed on January 1, 2019 and no further adjustments are required.

#### 7.8 REVENUE TO COST RATIO ADJUSTMENTS

There were no Revenue to Cost Ratio phase-in adjustments subsequent to 2015 arising from Entegrus – St. Thomas' 2015 COS Decision (EB-2014-0113). Accordingly, Entegrus – St. Thomas has made no adjustments in the Rate Generator Model on Tab "16. Rev2Cost\_GDPIPI".

#### 7.9 ADDITIONAL RATES

Entegrus – St. Thomas has not proposed any additional rates.

#### 7.10 REGULATORY CHARGES

#### 7.10.1 WHOLESALE MARKET SERVICE RATE & CAPACITY BASED RECOVERY RATE

The Wholesale Market Service Rate ("WMS") is designed to allow distributors to recover costs charged by the IESO for the operation of the IESO administered markets and the operation of the IESO controlled grid. The WMS Rate is an energy-based rate (per kWh) and is set by the OEB on a generic basis.

On November 19, 2015 the OEB issued a Decision and Order (EB-2015-0294) establishing that the WMS rate used by rate regulated distributors to bill their customers shall be \$0.0036 per kWh effective January 1, 2016.

On December 20, 2018, the OEB issued a letter advising LDCs that the Wholesale Market Service rate of \$0.0034/kWh be split into two rates as follows:

- Wholesale Market Service Rate of \$0.0030/kWh, and
- Capacity Based Recovery (CBR) Applicable to Class B Customers of \$0.0004/kWh.

Entegrus – St. Thomas proposes to continue to utilize the previously approved \$0.0030/kWh and \$0.0004/kWh rates unless otherwise directed by the Board.



#### 7.10.2 RURAL OR REMOTE ELECTRICITY RATE PROTECTION CHARGE ("RRRP")

The Rural or Remote Electricity Rate Protection Charge ("RRRP") was established by regulation of the provincial government. The RRRP is designed to reduce costs for eligible customers located in rural or remote areas, where the cost of distributing electricity to these customers is higher.

On December 20, 2018, the OEB issued a Decision and Order (EB-2018-0294) establishing that the RRRP rate used by rate regulated distributors to bill their customers to be \$0.0005 per kWh effective January 1, 2019.

Entegrus – St. Thomas proposes to continue to utilize the previously approved \$0.0005/kWh rate unless otherwise directed by the Board.

#### 7.10.3 STANDARD SUPPLY SERVICE - ADMINISTRATIVE CHARGE ("SSS")

Entegrus – St. Thomas proposes to continue to utilize the previously approved \$0.25/customer rate, unless otherwise directed by the Board.

#### 7.11 PROPOSED RATES

Entegrus – St. Thomas has utilized the Proposed Tariff sheet as generated from Tab "19. Final Tariff Schedule" in the Rate Generator Model. Please see Attachment O for a copy of the proposed Tariff Sheet.

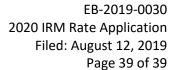
#### 7.12 BILL IMPACTS

Entegrus – St. Thomas has utilized the Rate Generator Model to prepare bill impacts for each rate class. The table below summaries the bill impacts for the average Entegrus – St. Thomas customer in each rate class.

TABLE 19: 2020 ENTEGRUS - ST. THOMAS PROPOSED BILL IMPACTS

Line	Rate Class	T	Typical kWh	Trunical Ida/	2019 Final	2020	\$ Increase	% Increase
No.	Rate Class	Type	турісаі куўп	Typical kW	Rates	Proposed	(Decrease)	(Decrease)
1	Residential	RPP	700	-	\$105	\$104	-\$2	-1.8%
2	General Service < 50 kW	RPP	2,000	-	\$294	\$287	-\$7	-2.5%
3	General Service > 50 - 4,999 kW	Non-RPP	162,500	500	\$26,847	\$24,901	-\$1,946	-7.2%
4	Sentinel Lighting	RPP	150	1	\$31	\$32	\$0	1.0%
5	Street Lighting	Non-RPP	150	1	\$29	\$25	-\$4	-13.0%

As shown in the table above, the proposed bill impacts would result in rate increases less than 10% for all rate classes. Accordingly, no rate mitigation measures are proposed. Please see Attachment P for detailed bill impact schedules.





### 8 CERTIFICATE OF EVIDENCE

Consistent with the Filing Requirements, a certification of evidence is enclosed. Please see Attachment Q for a copy of the Certificate.



### **ATTACHMENT A**

**OEB IRM Application Checklist** 

Date: August 12, 2019

### **2020 IRM Checklist**

#### Entegrus Powerlines Inc. EB-2019-0030

Filing Requirement

Page # Reference

Page # Reference		Evidence Ref	ference, Notes
IRM REQUIREMENTS		Entegrus - Main	Entegrus - St. Thomas
3.1.2 Components of the Application Filing , Pg. 3-4			
Pg. 3	Manager's summary documenting and explain all rate adjustments requested	Application, Table 1	Application, Table 1
3	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact	Application, Page 5	Application, Page 5
		Attachment C &	Attachment K &
4	Completed Rate Generator Model and supplementary work forms, Excel and PDF	Filename Entegrus-	Filename Entegrus-
7	Completed Nate Generator Infoder and Supplementary work forms, Excertant PDI	Main_RateGen_201908	STT_RateGen_2019081
		12	2
4	Current tariff sheet, PDF	Attachment B	Attachment B
4	Supporting documentation (e.g. relevant past decisions, RRWF etc.)	Not Applicable	Not Applicable
4	Statement as to who will be affected by the application, specific customer groups affected by particular request	Application, Page 5	Application, Page 5
4	Applicant's internet address	Application, Page 5	Application, Page 5
4	Statement confirming accuracy of billing determinants pre-populated in model	Application, Page 9	Application, Page 24
4	Text searchable PDF format for all documents	✓	✓
3.1.3 Applications and Electronic Models, Pg. 5-6			
		Attachment E &	Attachment M &
5	Populated GA Analysis Workform	Filename Entegrus-	Filename Entegrus-
ľ	- Guarde G. C. Maryolo Workson	Main_GAWorkform_201	
		90812	90812
5	If required, for distributors seeking revenue to cost ratio adjustments due to previous OEB decision, the Revenue to Cost Ratio	Not Applicable	Not Applicable
<u> </u>	Adjustment Workform must be filed	. vot / ippiiodbio	. tot / ippileasie
5	For an incremental or pre-approved advanced capital module (ICM/ACM) cost recovery and associated rate rider(s), a distributor	Not Applicable	Not Applicable
<u> </u>	must file the Capital Module Applicable to ACM and ICM	.,	
		Attachment H &	Attachment H &
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM	Filename	Filename
· ·	term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform		Entegrus_LRAMVA_201
		90812	90812
		Attachment F &	Attachment N &
5 & 6	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub-	Filename Entegrus-	Filename Entegrus-
	accounts	Main_1595Workform_2	
		0190812	190812
Addendum, Page 15	All distributors must file the responses to the questions in Appendix A of the GA Analysis Workform.	Attachment E	Attachment H
3.2.2 Revenue to Cost Ratio Adjustments		4	
8	Completed revenue-to-cost ratio adjustment workform to adjust the revenue-to-cost ratio if previously approved by the OEB	Not Applicable	Not Applicable
3.2.3 Rate Design for Residential Electricity Customers			
Residential Rate Design - Exceptions and Mitigation (applicable only to			
9	Extension of OEB-approved transition period, if necessary	Not Applicable	Not Applicable
9	Alternative/additional strategy in the event that an additional transition year is insufficient, or that no extension is necessary,	Not Applicable	Not Applicable
<u> </u>	however substantiated with reasons	140t / tppiloabile	110t / tppiloabic
9	Calculation of the combined impact of the fixed rate increase and any other changes in the cost of distribution service for those	Not Applicable	Not Applicable
<u> </u>	residential RPP customers who are at the 10th percentile of overall consumption	710t / tppilodbio	. tot / tppiloubio
	Description of the method used to derive the 10th consumption percentile. The description should include a discussion regarding		l
9	the nature of the data that was used (e.g. was the source data for all residential customers or a representative sample of	Not Applicable	Not Applicable
	residential customers).		
	If the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th		l l
9	percentile, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not	Not Applicable	Not Applicable
	required	<del> </del>	<b></b>
10	Mitigation plan if total bill increases for any customer class exceed 10%	Not Applicable	Not Applicable
3.2.4 Electricity Distribution Retail Transmission Service Rates	No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB		
3.2.5 Review and Disposition of Group 1 DVA Balances, Pg. 10-16		A1 ( A   F   1 )	N A. E. II
10	Justification if any account balance in excess of the threshold should not be disposed	Not Applicable	Not Applicable
		Attachment C &	Attachment K &
11	Completed tab 3 - continuity schedule in Rate Generator Model	Filename Entegrus-	Filename Entegrus-
		Main_RateGen_201908	STT_RateGen_2019081
		12	2 Analisation Cost
11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	Application, Section	Application, Section
	the state of a second state of the second stat	6.3.3	7.3.4

### **2020 IRM Checklist**

#### Entegrus Powerlines Inc. EB-2019-0030

Filing Requirement

Page # Reference

Date: August 12, 2019

		Evidence Ref	erence, Notes
IRM REQUIREMENTS		Entegrus - Main	Entegrus - St. Thomas
11	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis  If yes, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled  "Adjustments to Deferral and Variance Accounts	Application, Section 6.3.1	Application, Section 7.3.1
12	GA rate riders calculated on an energy basis (kWh)	Attachment C & Filename Entegrus- Main_RateGen_201908 12	Attachment K & Filename Entegrus- STT_RateGen_2019081 2
General	Propose rate riders for recovery or refund of balances that are proposed for disposition. The default disposition period is one year; if the applicant is proposing an alternative recovery period must provide explanation.	Not Applicable	Not Applicable
3.2.5.1 Wholesale Market Participants			
12	Establish separate rate riders to recover balances in the RSVA's from Market Participants who must not be allocated the RSVA balances related to charges for which the WMP's settle directly with the IESO.	Attachment C & Filename Entegrus- Main_RateGen_201908 12	Attachment K & Filename Entegrus- STT_RateGen_201908 2
3.2.5.2 Global Adjustment			
13	Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP Class B customers when clearing balances from the GA Variance Account	Attachment C & Filename Entegrus- Main_RateGen_201908 12	Attachment K & Filename Entegrus- STT_RateGen_2019081 2
14 & Addendum, Pages 16 - 17	For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distributors are seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and responses to questions in Appendix A of the GA Analysis Workform Instructions; explain discrepancies. Unexplained discrepancies calculated separately for each calendar year	Attachment E & Filename Entegrus- Main_GAWorkform_201 90812 & Application, Section 6.3.5	Attachment M & Filename Entegrus- STT_GAWorkform_201 90812 & Application Section 7.3.6
14 15	Description of settlement process with IESO or host distributor, specify GA rate used for each rate class, itemize process for providing estimates and describe true-up process, details of method for estimating RPP and non-RPP consumption, treatment of embedded generation/distribution, distributor's internal control tests in validating estimated and actual consumption figures used in RPP settlement process and subsequent true-up adjustments  If distributor uses the actual GA rate to bill non-RPP Class B customers, a proposal must be made to exclude these customer	Attachment D	Attachment L
	classes from the allocations of the balance of Account 1589 and the calculation of the resulting rate riders		
15	Description of financial accounting practices related to recording transaction in 1588 and 1589	Attachment D	Attachment L
14 & 15	Disclosure of nature, timing, and dollar impact of subsequent adjustments recorded after recording period that adjust the initial transactions from preliminary estimates to actual figures based on consumption data - complete GA Analysis Workform for each applicable fiscal year subsequent to the most recent year in which Accounts 1588 and 1589 were approved for disposition on a final basis by the OEB	Attachment E & Filename Entegrus- Main_GAWorkform_201 90812 & Application, Section 6.3.5	Attachment M & Filename Entegrus- STT_GAWorkform_201 90812 & Application Section 7.3.6
15	If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, propose made to exclude these customer classes from the allocation of the balance of account 1589 RSVA GA and the calculation of the resulting rate riders - these rate classes are not to be charged/refunded the GA rate rider as they did not contribute to the accumulation of the balance of account 1589 RSVA GA	Not Applicable	Not Applicable
3.2.5.3 Commodity Accounts 1588 and 1589			
15	RPP Settlement True-Up - distributors to follow guidance in May 23, 2017 letter pertaining to the period that is being requested for disposition for Accounts 1588 and 1589	Application, Section 6.3.5	Application, Section 7.3.6
15	Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of account balances being proposed for disposition	Attachment D	Attachment L
Addendum, Pages 12 - 13	Status update on implementation of new accounting guidance (related to Accounts 1588 and 1589 - Feb 21, 2019), a review of historical balances, results of the review, and any adjustments made to account balances; for any adjustments made - include the reason, how it was quantified and the journal entries to adjust the balances	Application, Section 6.3.1	Application, Section 7.3.1
3.2.5.4 Capacity Based Recovery (CBR)			

### **2020 IRM Checklist**

### Entegrus Powerlines Inc.

#### EB-2019-0030

Filing Requirement

Page # Reference

Date: August 12, 2019

Page # Reference		Evidence Ref	erence, Notes
IRM REQUIREMENTS		Entegrus - Main	Entegrus - St. Thomas
16	Proposed disposition of Account 1580 sub-account CBR Class B in accordance with the OEB's CBR Accounting Guidance.  - embedded distributors who are not charged CBR (therefore no balance in sub-account CBR Class B) must indicate this is the case for them  - In the DVA continuity schedule, applicants must indicate whether they serve any Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated.  - Account 1580 sub-account CBR Class A is not to be disposed through rates proceedings but rather follow the OEB's accounting guidance.  - The DVA continuity schedule will allocate the portion of Account 1580 sub-account CBR Class B allocated to customers who transitioned between Class A and Class B based on consumption levels	Attachment C & Filename Entegrus- Main_RateGen_201908	Attachment K & Filename Entegrus- STT_RateGen_2019081 2
3.2.6 Lost Revenue Adjustment Mechanism Variance Account	ENAMINA - disposition of palance. Distributors must provide version 4 of ENAMINA Work Form for a working Excel file when making		
Addendum, Pages 20 - 22	LRAMVA requests for remaining amounts related to CFF activity. An application for lost revenues should include: Participation and Cost reports in Excel format, made available by the IESO. An application for lost revenues should also provide the following:  - statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition - statement confirming LRAMVA based on verified savings results supported by the distributors final CDM Report and Persistence Savings Report (both filed in Excel format) and a statement indicating use of most recent input assumptions when calculating lost revenue  - summary table with principal and carrying charges by rate class and resulting rate riders - statement providing the disposition period; rationale provided for disposing the balance in the LRAMVA if one or more classes do not generate significant rate riders - statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used - rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form) - statement confirming whether additional documentation was provided in support of projects that were not included in distributors final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable) - for a distributor's streetlighting project(s) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings were explanation of the forecast demand savings from street		Attachment G & Attachment H & Application, Section 6.3.8
19 & 20	If applicable, tabs 8 and 9 of Rate Generator Model complete	Not Applicable	Not Applicable
20	If one or more customer classes does not generate a rate rider to the fourth decimal place, a proposal that the entire 50/50 sharing amount will be transferred to Account 1595 for disposition at a future date	Not Applicable	Not Applicable
3.2.8 Z-Factor Claims, Pg. 20-21 20	Evidence that costs incurred meet criteria of need, materiality and prudence - see 3rd Generation IRM Report	Not Applicable	Not Applicable
20 & 21	In addition distributor must:  - Notify OEB by letter of all Z-Factor events within 6 months of event (Confirm that letter is on file)  - Apply to OEB for any cost recovery of amounts in OEB-approved deferral account claimed under Z-Factor treatment  - Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental  - Demonstrate that costs incurred within a 12-month period and are incremental to those already being recovered in rates as part of ongoing business exposure risk	Not Applicable	Not Applicable
3.2.8.2 Z-Factor Accounting Treatment			

### **2020 IRM Checklist**

#### Entegrus Powerlines Inc. EB-2019-0030

Filing Requirement

Page # Reference

Date: August 12, 2019

		Evidence Re	ference, Notes
IRM REQUIREMENTS		Entegrus - Main	Entegrus - St. Thomas
21	Eligible Z-factor cost amounts recorded in Account 1572, Extraordinary Event Costs, of the OEB's USoA contained in the Accounting Procedures Handbook (APH) for electricity distributors.	Not Applicable	Not Applicable
21	Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate Sub-Account of this account	Not Applicable	Not Applicable
3.2.8.3 Recovery of Z-Factor Costs			
21	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	Not Applicable	Not Applicable
21	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rational for proposal	Not Applicable	Not Applicable
21	Residential rider on fixed basis	Not Applicable	Not Applicable
21	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	Not Applicable	Not Applicable
3.3.1 Advanced Capital Module, Pg. 22-23			
22	Evidence of passing "Means Test"	Not Applicable	Not Applicable
22	Information on relevant project or projects updated cost projections, confirmation that the project or projects are on schedule to be completed as planned and an updated ACM/ICM module in Excel format	Not Applicable	Not Applicable
22/23	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required as to why	Not Applicable	Not Applicable
23	If updated cost projects are 30% greater than pre-approved amount, distributor must treat project as new ICM, re-filed business case and other relevant material required	Not Applicable	Not Applicable
3.3.2 Incremental Capital Module, Pg. 23-29			
3.3.2.1 ICM Filing Requirements			
	The following should be provided when filing for incremental capital:	Not Applicable	Not Applicable
25	An analysis demonstrating that the materiality threshold test has been met and that the amounts will have a significant influence on the operation of the distributor	Not Applicable	Not Applicable
25	Justification that the amounts to be incurred will be prudent - amounts represents the most cost-effective option (but not necessarily the least initial cost) for ratepayers	Not Applicable	Not Applicable
25	Justification that amounts being sought are directly related to the cause, which must be clearly outside of the base upon which current rates were derived	Not Applicable	Not Applicable
25	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part, included in base rates or being funded by the expansion of service to include new customers and other load growth)	Not Applicable	Not Applicable
25	Details by project for the proposed capital spending plan for the expected in-service year	Not Applicable	Not Applicable
25	Description of the proposed capital projects and expected in-service dates	Not Applicable	Not Applicable
25	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	Not Applicable	Not Applicable
25	Calculation of each incremental project's revenue requirements that will be offset by revenue generated through other means (e.g. customer contributions in aid of construction)	Not Applicable	Not Applicable
25	Description of the actions the distributor would take in the event that the OEB does not approve the application	Not Applicable	Not Applicable
25	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	Not Applicable	Not Applicable
3.3.5 Off-Ramps			
30	A distributor whose earnings are in excess of the dead band (i.e. 300 basis points) but nevertheless applies for an increase to its base rates - an explanation to substantiate its reasons for doing so required	Not Applicable	Not Applicable
Appendix A			
Appendix A	Confirm disposition of residual balances for vintage Account 1595 have only been done once - distributors expected to seek disposition of the balance a year after a rate rider's sunset date has expired. No further dispositions of these accounts are generally expected unless justified by the distributor	Application, Section 6.3.6	Application, Section 7.3.7
Appendix A & Addendum, Page 22	Distributors who meet the requirements for disposition of residual balances of Account 1595 sub-accounts, must complete the 1595 Analysis Workform. Account 1595 sub-accounts are eligible for disposition when one full year has elapsed since the associated rate riders' sunset dates have expired and the residual balances have been externally audited.	Attachment F & Application, Section 6.3.6	Attachment N, Application, Section 7.3.7
Appendix A	Material residual balances will require further analysis, consisting of separating the components of the residual balances by each applicable rate rider and by customer rate class. Distributors are expected to provide detailed explanations for any significant residual balances attributable to specific rate riders for each customer rate class. Explanations must include for example, volume differences between forecast volumes (used to calculate the rate riders) as compared to actual volumes at which the rate riders were billed.	Attachment F & Application, Section 6.3.6	Attachment N, Application, Section 7.3.7



### **ATTACHMENT B**

Entegrus 2019 IRM Approved Tariff Sheet (EB-2018-0024)

Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0024

#### RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge	\$	26.76
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019 Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)	\$	0.37
- effective until December 31, 2019	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0024

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

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

#### **APPLICATION**

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

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

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

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

Service Charge	\$	24.55
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.79
Distribution Volumetric Rate Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (L	\$/kWh _RAMVA) (2019)	0.0167
- effective until December 31, 2019	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0024

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

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

#### **APPLICATION**

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

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

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

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

Service Charge	\$	76.48
Distribution Volumetric Rate	\$/kW	3.6613
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until December 31, 2019	\$/kW	0.0446
Retail Transmission Rate - Network Service Rate	\$/kW	2.6959
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4560
MONTHLY RATES AND CHARGES - Regulatory Component		
MONTHLY RATES AND CHARGES - Regulatory Component  Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
	\$/kWh \$/kWh	0.0032 0.0004
Wholesale Market Service Rate (WMS) - not including CBR	**	

Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0024

#### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for individual lighting on private property controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge (per connection)	\$	4.95
Distribution Volumetric Rate	\$/kW	5.9875
Retail Transmission Rate - Network Service Rate	\$/kW	1.6944
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5427
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0024

#### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge (per connection)	\$	3.78
Distribution Volumetric Rate Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)	\$/kW	0.0369
- effective until December 31, 2019	\$/kW	0.0193
Retail Transmission Rate - Network Service Rate	\$/kW	2.0788
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8937
MONTHLY RATES AND CHARGES - Regulatory Component		
MONTHLY RATES AND CHARGES - Regulatory Component  Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
	\$/kWh \$/kWh	0.0032 0.0004
Wholesale Market Service Rate (WMS) - not including CBR	•	

Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0024

#### microFIT SERVICE CLASSIFICATION

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

#### **APPLICATION**

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

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

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

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

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

Service Charge \$ 10.00

#### **ALLOWANCES**

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

Effective and Implementation Date January 1, 2019

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

EB-2018-0024

15 00

\$

#### SPECIFIC SERVICE CHARGES

#### **APPLICATION**

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

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

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

#### **Customer Administration**

Arrears certificate

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00
Other		
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	43.63
Disconnect/Reconnect at customer's request - at meter during regular hours	\$	65.00

Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0024

### 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.

compositive electrony.		
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

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0393
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0289

#### Schedule B

### **To Decision and Rate Order**

Tariff of Rates and Charges for Entegrus-Main Rate Zone

OEB File No: EB-2018-0024

DATED: December 13, 2018

CORRECTED: December 18, 2018

**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	\$	24.90
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020	\$/kWh	0.0017
Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0001
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 - Approved on an Interim Basis	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057
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 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	\$	31.26
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 - Approved on an Interim Basis	\$/kWh	0.0001
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 - Approved on an Interim Basis	\$/kWh	0.0008
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		
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	\$	101.36
Distribution Volumetric Rate	\$/kW	3.3573
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 - Approved on an Interim Basis	\$/kWh	0.0001
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 - Approved on an Interim Basis	\$/kW	(0.2327)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/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
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

#### 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	\$	1,546.80
Distribution Volumetric Rate	\$/kW	2.3622
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 - Approved on an Interim Basis	\$/kWh	0.0001
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 - Approved on an Interim Basis	\$/kW	0.1262
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	\$	8.37
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 - Approved on an Interim Basis	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/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		
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	\$	7.61
Distribution Volumetric Rate	\$/kW	0.6819
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 - Approved on an Interim Basis Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	0.0001
- Approved on my Interim Basis	\$/kW	0.1829
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	\$	1.16
Distribution Volumetric Rate	\$/kW	0.9724
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 - Approved on an Interim Basis Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)	\$/kWh	0.0001
- effective until April 30, 2020	\$/kW	0.2225
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	0.4721
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		
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	\$	134.29
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 - Approved on an Interim Basis	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	0.1703
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**

General Service > 50 kW - 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.

\$\langle kW \text{ 3.3573}\$

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.

\$\text{kW}\$
2.3622

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

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

#### **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 - no transformer	\$	500.00
Temporary service install and remove - overhead - with transformer Specific charge for access to the power poles - \$/pole/year	\$	1,000.00
(with the exception of wireless attachments)	\$	43.63
Switching for company maintenance - charge based on time and materials	\$	T&M

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

### **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.

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 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	\$	0.50
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

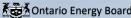
### **NOTES**

1) The Billing Demand for Line and Transformation Connection Services and Low Voltage Services is defined as the Non-Coincident Peak demand (MW) in any hour of the month. The customer demand in any hour is the sum of (a) the loss-adjusted demand supplied from the distribution system plus (b) the demand that is supplied by embedded generation installed after October 1998, which have installed capacity of 2MW or more for renewable generation and 1 MW or higher for non-renewable generation. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Bio-gas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for losses.



### **ATTACHMENT C**

Entegrus-Main 2020 IRM Rate Generator Model, Version 2.0 Issued July 5, 2019



### Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Ontario Energy Board's 2020 Electricity Distribution Rates Webpage

Utility Name	Entegrus Powerlines Inc.				
Service Territory	For Entegrus-Main Rate Zone				
Assigned EB Number	EB-2019-0030				
Name of Contact and Title	Andrya Eagen, Manager of Regulatory	& Reporting			
Phone Number	519-352-6300 Ext 243				
Email Address	regulatory@entegrus.com				
We are applying for rates effective	Friday, May 1, 2020				
Rate-Setting Method	Price Cap IR				
Select the last Cost of Service rebasing year	2016				
. Select the year that the balances of Accounts 1588 and 1589 were last approved for isposition	2017				
.g. If 2017 balances were approved for disposition in the 2019 rate application, select 2017)					
Select the year that the balances of the remaining Group 1 DVAs were last approved for isposition	2017				
Select the earliest vintage year in which there is a balance in Account 1595	2013				
e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016)					
Did you have any Class A customers at any point during the period that the Account 1589 alance accumulated (i.e. from the year the balance was last disposed to the year requested or disposition)?	Yes				
Did you have any customers classified as Class A at any point during the period where the alance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year the alance was last disposed to the year requested for disposition)?	Yes				
Retail Transmission Service Rates: Entegrus Powerlines Inc. is:	Partially Embedded	Within Hydro One (If necessary, enter all embedd)	led distributor names in the above green sha	aded cell)	Distribution System(s)
Have you transitioned to fully fixed rates?	Yes	(i) necessary, enter an emocae	ed distributor names in the above green sha	aca ceny	
Legend					
Pale green cells represent input cells.					
Pale blue cells represent drop-down lists. The applicant should select the appropriate iten	n from the drop-down list.				



# Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

# Entegrus Powerlines Inc. For Entegrus-Main Rate Zone 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**

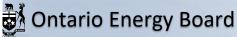
The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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	\$	24.90
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) - effective until April 30, 2020		
Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0001
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		
- Approved on an Interim Basis	\$/kWh	0.0007
Retaii Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057
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
3 \ 11 \ 22 \ 2		



### 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**

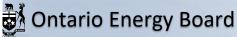
The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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	\$	31.26
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 - Approved on an Interim Basis	\$/kWh	0.0001
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		
- Approved on an Interim Basis	\$/kWh	0.0008
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		
Wholesale Market Service Pate (WMS) not including CPP	\$/kWh	0.0032
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0004
Capacity Based Recovery (CBR) - Applicable for Class B Customers	·	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	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	\$	101.36
Distribution Volumetric Rate	\$/kW	3.3573
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 - Approved on an Interim Basis	\$/kWh	0.0001
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 - Approved on an Interim Basis	\$/kW	(0.2327)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.5305
- Approved on an Interim Basis	·	
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
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.

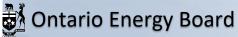
No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the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

Comition Change	\$	4.540.00
Service Charge	·	1,546.80
Distribution Volumetric Rate	\$/kW	2.3622
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 - Approved on an Interim Basis	\$/kWh	0.0001
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		
- Approved on an Interim Basis	\$/kW	0.1262
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
Standard Supply Service - Administrative Charge (ii applicable)	Ψ	0.20



### 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	\$	8.37
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, 20. Applicable only for Non-RPP Customers - Approved on an Interim Basis	)20 \$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 20	020	
- Approved on an Interim Basis	\$/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		
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	\$	7.61
Distribution Volumetric Rate	\$/kVV	0.6819
Low Voltage Service Rate	\$/kVV	0.4661
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on my Interim Basis	\$/kW	0.1829
Retail Transmission Rate - Network Service Rate	\$/kVV	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



### 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	\$	1.16
Distribution Volumetric Rate	\$/kW	0.9724
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 - Approved on an Interim Basis	\$/kWh	0.0001
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	* *	
- Approved on an Interim Basis	\$/kW	0.4721
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		
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



### 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	\$	134.29
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 - Approved on an Interim Basis	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020		
- Approved on an Interim Basis	\$/kW	0.1703
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



### 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**

General Service > 50 kW - 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	3.3573
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 lead transfer		

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.

\$\text{kW}\$
2.3622

### 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 measure	d 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
2. Current Tariff Schedule	Issued N	1onth day, Year

### Ontario Energy Board

### **Incentive Rate-setting Mechanism** Rate Generator for 2020 Filers

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)	\$ 43.63
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



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

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 (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>	1595
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	1589
Total Group 1 Balance excluding Account 1589 - Global Adjustment	
Total Group 1 Balance	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568
Total including Account 1568	



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

						2013
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2013	Transactions Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments <sup>1</sup> during 2013	Closing Principal Balance as of Dec 31, 2013
Group 1 Accounts						
LV Variance Account	1550					0
Smart Metering Entity Charge Variance Account	1551					0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580					0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580					0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580					0
RSVA - Retail Transmission Network Charge	1584					0
RSVA - Retail Transmission Connection Charge	1586					0
RSVA - Power <sup>4</sup>	1588					0
RSVA - Global Adjustment <sup>4</sup>	1589					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>	1595					0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	(	0	0	0
Total Group 1 Balance		0	•	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					
Total including Account 1568		0	(	0	0	0



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Account Descriptions	Account Number	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
Smart Metering Entity Charge Variance Account	1551					0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580					0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580					0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580					0
RSVA - Retail Transmission Network Charge	1584					0
RSVA - Retail Transmission Connection Charge	1586					0
RSVA - Power <sup>4</sup>	1588					0
RSVA - Global Adjustment <sup>4</sup>	1589					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>	1595					0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup> Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595					C
	1000	Ī				
RSVA - Global Adjustment	1589	0	0	0	C	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	C	0
Total Group 1 Balance		0	0	0	C	) C
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					
Total including Account 1568		0	0	0	C	) (



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

						2014
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2014	Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments <sup>1</sup> during 2014	Closing Principal Balance as of Dec 31, 2014
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				0
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 (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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0
Total including Account 1568		0	0	0	0	0



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

Account Descriptions	Account Number	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
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 B⁵	1580	0				0
RSVA - Retail Transmission Network Charge	1584	0				0
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 (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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	-		-
Total Group 1 Balance		0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0
Total including Account 1568		0	0	0	0	0



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

						2015
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments <sup>1</sup> during 2015	Closing Principal Balance as of Dec 31, 2015
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				0
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 (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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0
Total including Account 1568		0	0	0	0	0



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

Account Descriptions	Account Number	Opening Interest Amounts as of Jan 1, 2015	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	Opening Principal Amounts as of Jan 1, 2016
Group 1 Accounts							
LV Variance Account	1550	0				0	0
Smart Metering Entity Charge Variance Account	1551	0				0	0
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 (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>	1595	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0
Total including Account 1568		0	0	0	0	0	0



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

					2016	
Account Descriptions	Account Number	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
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	0
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 (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>	1595				0	0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(	0	0	0	0
Total Group 1 Balance		(	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568				0	0
Total including Account 1568		(	0	0	0	0



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

Account Descriptions	Account Number	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
Group 1 Accounts					
LV Variance Account	1550				0
Smart Metering Entity Charge Variance Account	1551				0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580				0
Variance WMS – Sub-account CBR Class A⁵	1580				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580				0
RSVA - Retail Transmission Network Charge	1584				0
RSVA - Retail Transmission Connection Charge	1586				0
RSVA - Power <sup>4</sup>	1588				0
RSVA - Global Adjustment <sup>4</sup>	1589				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>	1595				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0		0	0
Total Group 1 Balance		0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568				0
Total including Account 1568		0	0	0	0



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

						2017
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments <sup>1</sup> during 2017	Closing Principal Balance as of Dec 31, 2017
Group 1 Accounts						
LV Variance Account	1550	0			1,081,565	1,081,565
Smart Metering Entity Charge Variance Account	1551	0			(6,002)	(6,002)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0			(1,670,511)	(1,670,511)
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			3,353	3,353
RSVA - Retail Transmission Network Charge	1584	0			163,595	163,595
RSVA - Retail Transmission Connection Charge	1586	0			345,612	345,612
RSVA - Power <sup>4</sup>	1588	0			930,410	930,410
RSVA - Global Adjustment <sup>4</sup>	1589	0			896,375	896,375
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0			19,250	19,250
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			23,593	23,593
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0			135,866	135,866
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0			(487,721)	(487,721)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	C	0	896,375	896,375
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	C	0	539,008	539,008
Total Group 1 Balance		0	C	0	1,435,384	1,435,384
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0
Total including Account 1568		0	C	0	1,435,384	1,435,384



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

Account Descriptions	Account Number	Opening Interest Amounts as of Jan 1, 2017	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	Opening Principal Amounts as of Jan 1, 2018
Group 1 Accounts							
LV Variance Account	1550	0			16,294	16,294	1,081,565
Smart Metering Entity Charge Variance Account	1551	0			(714)	(714)	(6,002)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0			(20,004)	(20,004)	(1,670,511)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0			0	0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0			(44)	(44)	3,353
RSVA - Retail Transmission Network Charge	1584	0			1,384	1,384	163,595
RSVA - Retail Transmission Connection Charge	1586	0			4,066	4,066	345,612
RSVA - Power <sup>4</sup>	1588	0			12,486	12,486	930,410
RSVA - Global Adjustment <sup>4</sup>	1589	0			31,467	31,467	896,375
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0			3,747	3,747	19,250
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0			0	0	(0)
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0			10,460	10,460	23,593
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0			19,221	19,221	135,866
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0			(6,378)	(6,378)	(487,721)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	31,467	31,467	896,375
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	40,518	40,518	, '
Total Group 1 Balance		0	0	0	71,985	71,985	1,435,384
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0
Total including Account 1568		0	0	0	71,985	71,985	1,435,384



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

					2018	
Account Descriptions	Account Number	Transactions Debit/ (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments <sup>1</sup> during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018
Group 1 Accounts						
LV Variance Account	1550	166,578	672,857		575,286	16,294
Smart Metering Entity Charge Variance Account	1551	(37,666)	(2,037)		(41,631)	(714)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(87,363)	(863,187)		(894,687)	(20,004)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0	0		0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(32,057)	31,423		(60,128)	(44)
RSVA - Retail Transmission Network Charge	1584	350,659	(44,960)		559,215	1,384
RSVA - Retail Transmission Connection Charge	1586	577,823	(22,941)		946,376	4,066
RSVA - Power <sup>4</sup>	1588	453,987	631,243	19,696	772,850	12,486
RSVA - Global Adjustment <sup>4</sup>	1589	(474,567)	881,467	214,025	(245,633)	31,467
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	(63)		63	19,249	3,747
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				23,593	10,460
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595				135,866	19,221
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	380,890		148,991	42,159	(6,378)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	(666,752)	(1,327,229)		660,477	0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	(474,567)	881,467	214,025	(245,633)	31,467
Total Group 1 Balance excluding Account 1589 - Global Adjustment		1,106,035	(924,831)	168,749	2,738,624	40,518
Total Group 1 Balance		631,469	(43,364)	382,774	2,492,991	71,985
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			238,439	238,439	0
Total including Account 1568		631,469	(43,364)	621,214	2,731,430	71,985



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

							2
Account Descriptions	Account Number	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments <sup>1</sup> during 2018	Closing Interest Amounts as of Dec 31, 2018	Principal Disposition during 2019 - instructed by OEB	Interest Disposition during 2019 - instructed by OEB
Group 1 Accounts							
LV Variance Account	1550	12,234	17,329		11,199	408,708	10,007
Smart Metering Entity Charge Variance Account	1551	(459)	(368)		(805)	(3,966)	(431)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(19,491)	(19,049)		(20,446)	(807,324)	(20,470)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0	0		0	0	0
Variance WMS – Sub-account CBR Class B⁵	1580	(1,106)	568		(1,719)	(28,071)	(988)
RSVA - Retail Transmission Network Charge	1584	5,909	(153)		7,446	208,555	5,257
RSVA - Retail Transmission Connection Charge	1586	12,562	3,039		13,589	368,553	7,880
RSVA - Power <sup>4</sup>	1588	17,786	18,900		11,372	299,167	2,353
RSVA - Global Adjustment <sup>4</sup>	1589	18,794	23,098		27,162	14,908	12,998
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	305		59	4,111	19,249	4,111
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	24		422	10,906	23,594	10,906
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	980		1,588	21,789	135,865	21,789
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	(3,231)			(9,609)		
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	10,872			10,872		
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	18,794	23,098	0	27,162	14,908	12,998
Total Group 1 Balance excluding Account 1589 - Global Adjustment		36,385	20,266	2,069	58,706	624,332	40,414
Total Group 1 Balance		55,178	43,364	2,069	85,868	639,240	53,412
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			12,933	12,933		
Total including Account 1568		55,178	43,364	15,002	98,801	639,240	53,412



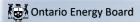
Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

		019		Projected Interest on Dec-3		
Account Descriptions	Account Number	Closing Principal Balances as of Dec 31, 2018 Adjusted for Disposition during 2019	Closing Interest Balances as of Dec 31, 2018 Adjusted for Disposition during 2019	Projected Interest from Jan 1, 2019 to Dec 31, 2019 on Dec 31, 2018 balance adjusted for disposition during 2019 <sup>2</sup>	Projected Interest from Jan 1, 2020 to Apr 30, 2020 on Dec 31, 2018 balance adjusted for disposition during 2019 <sup>2</sup>	
Group 1 Accounts						
LV Variance Account	1550	166,578	1,192	3,744	1,210	
Smart Metering Entity Charge Variance Account	1551	(37,666)	(374)	(847)	(274)	
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(87,363)	24	(1,963)	(635)	
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0	0	0	0	
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(32,057)	(731)	(720)	(233)	
RSVA - Retail Transmission Network Charge	1584	350,659	2,189	7,881	2,548	
RSVA - Retail Transmission Connection Charge	1586	577,823	5,709	12,987	4,199	
RSVA - Power <sup>4</sup>	1588	473,683	9,019	10,646	3,442	
RSVA - Global Adjustment⁴	1589	(260,542)	14,164	(5,856)	(1,893)	
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0	0	0	0	
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	(0)	0	(0)	(0)	
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	(0)	(0)	(0)	(0)	
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0	0	0	0	
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	42,159	(9,609)	948	306	
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	660,477	10,872	14,844	4,799	
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	(260,542)	14,164	(5,856)	(1,893)	
Total Group 1 Balance excluding Account 1589 - Global Adjustment		2,114,293	18,292	47,519	15,364	
Total Group 1 Balance		1,853,751	32,456	41,663	13,471	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	238,439	12,933			
Total including Account 1568		2,092,190	45,389	41,663	13,471	



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

		31 <b>-</b> 18 Balan	ices		2.1.7 RRR	
Account Descriptions	Account Number	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2018	Variance RRR vs. 2018 Balance (Principal + Interest)
Group 1 Accounts						
LV Variance Account	1550	6,146	172,724		586,486	1
Smart Metering Entity Charge Variance Account	1551	(1,494)	(39,159)		(77,138)	(34,702)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(2,575)	(89,938)		(2,179,733)	(1,264,600)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0	0		0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(1,684)	(33,741)		2,464	64,311
RSVA - Retail Transmission Network Charge	1584	12,618	363,278		387,448	(179,212)
RSVA - Retail Transmission Connection Charge	1586	22,894	600,717		1,085,359	125,394
RSVA - Power <sup>4</sup>	1588	23,107	496,790	Yes	198,046	(586,176)
RSVA - Global Adjustment <sup>4</sup>	1589	6,415	(254,127)	Yes	(335,982)	(117,511)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0	0	No	23,239	(122)
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	(0)	0	No	200,312	200,313
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	(0)	0	No	45,718	11,219
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0	0	No	174,270	16,615
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	(8,355)	33,805	Yes	(116,440)	(148,991)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	30,515	0	No	671,349	0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>				No		
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	6,415	(254,127)		(335,982)	(117,511)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		81,174	1,504,475		998,917	(1,798,413)
Total Group 1 Balance		87,590	1,250,348		662,935	(1,915,924)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	12,933	251,373		567,267	315,894
Total including Account 1568		100,523	1,501,721		1,230,202	(1,600,030)



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

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

Have you confirmed the accuracy of the data below?

Yes

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	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 (2017) <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	299,870,044	0	12,212,055	0	0	0	299,870,044	0	30%	74,783	52,940
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	115,899,781	0	22,133,009	0	0	0	115,899,781	0	12%	23,156	5,692
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	453,498,072	1,206,516	422,621,223	1,103,710	3,574,014	8,963	449,924,058	1,197,553	50%	141,426	
LARGE USE SERVICE CLASSIFICATION	kW	39,541,259	184,428	39,541,259	184,428	0	0	39,541,259	184,428	6%	2,243	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,344,468	0	488,257	0	0	0	1,344,468	0	0%	0	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	369,815	1,032	146,273	1,032	0	0	369,815	1,032	0%	0	
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,560,476	10,553	3,560,476	10,553	0	0	3,560,476	10,553	1%	9,763	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	13,536,623	29,483	13,536,623	29,483	0	0	13,536,623	29,483	0%	0	
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0	0	0	0			
	Total	927,620,538	1,432,012	514,239,175	1,329,206	3,574,014	8,963	924,046,524	1,423,049	100%	251,373	58,632

#### 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>

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

YES

\$1,501,721 \$1,250,348

\$0.0013

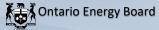


No input required. This workshseet allocates the deferral/variance account balances (Group 1 and 1568) to the appropriate classes as per EDDVAR dated July 31, 2009

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

		% of Customer	% of Total kWh adjusted for		;	allocated based on Total less WMP		a	llocated based on Total less WMP		
Rate Class	% of Total kWh	Numbers **	WMP	1550	1551	1580	1584	1586	1588	1595_(2017)	1568
RESIDENTIAL SERVICE CLASSIFICATION	32.3%	90.3%	32.5%	55,836	(35,358)	(40,136)	117,436	194,193	161,217	10,229	74,783
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	12.5%	9.7%	12.5%	21,581	(3,802)	(15,513)	45,389	75,055	62,311	4,077	23,156
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	48.9%	0.0%	48.7%	84,442	0	(60,220)	177,600	293,680	241,890	16,879	141,426
LARGE USE SERVICE CLASSIFICATION	4.3%	0.0%	4.3%	7,363	0	(5,292)	15,485	25,606	21,258	2,136	2,243
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	250	0	(180)	527	871	723	44	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	69	0	(49)	145	239	199	14	0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	663	0	(477)	1,394	2,306	1,914	270	9,763
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	1.5%	0.0%	1.5%	2,521	0	(1,812)	5,301	8,766	7,278	156	0
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0	0	0
Total	100.0%	100.0%	100.0%	172,724	(39,159)	(123,679)	363,278	600,717	496,790	33,805	251,373

<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.



1a	The year Account 1589 GA was last disposed	2017	]
1b	The year Account 1580 CBR Class B was last disposed	2017	Note that the sub-account was established in 2015.
2a	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed to the current year requested for disposition)?		(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 to 2018.)
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 the current year requested for disposition)?		(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 to 2018.)

Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated

:

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

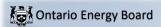
			20	18
Customer	Rate Class		January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,831,188	3,876,788
		kW	4,604	10,133
		Class A/B	А	В
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,203,670	793,800
		kW	3,119	3,167
		Class A/B	В	А
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	297,363	227,781
		kW	651	693
		Class A/B	В	А
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,852,950	3,887,644
		kW	7,554	7,826
		Class A/B	В	А
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,676,034	8,867,856
		kW	7,154	18,161
		Class A/B	В	Α
Customer 6	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,952,989	4,205,580
		kW	7,149	7,373
		Class A/B	В	Α
Customer 7	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,939,890	4,767,276
		kW	7,606	9,378

		Class A/B	В	А
Customer 8	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,467,176	2,380,485
		kW	6,859	5,561
		Class A/B	В	Α
Customer 9	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	4,882,322	4,803,773
		kW	9,929	9,902
		Class A/B	В	A
Customer 10	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,625,323	1,620,787
		kW	3,640	3,809
		Class A/B	В	A
Customer 11	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,895,663	1,933,392
		kW	5,576	5,614
		Class A/B	В	A
Customer 12	EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	5,425,228	
		kW	19,766	-
		Class A/B	А	В

Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated. Enter the total Class A consumption in the rate class in the table

Rate Classes with Class A Customers - Billing Determinants by Rate Class

	· · · · · · · · · · · · · · · · · · ·		
	Rate Class		2018
Rate Class 1	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	153,343,074
		kW	344,819
Rate Class 2	LARGE USE SERVICE CLASSIFICATION	kWh	32,793,598
		kW	61,418



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

2017

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

		Total	2018
Non-RPP Consumption Less WMP Consumption	Α	514,239,175	514,239,175
Less Class A Consumption for Partial Year Class A Customers	В	40,744,790	40,744,790
Less Consumption for Full Year Class A Customers	С	186,136,672	186,136,672
Total Class B Consumption for Years During Balance			207 257 742
Accumulation	D = A-B-C	287,357,713	287,357,713
All Class B Consumption for Transition Customers	E	29,670,168	29,670,168
Transition Customers' Portion of Total Consumption	F = E/D	10.33%	

#### Allocation of Total GA Balance \$

Total GA Balance	G	-\$	254,127
Transition Customers Portion of GA Balance	H=F*G	-\$	26,239
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	227,888

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	11					
Customer	Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2018		Customer Specific GA Allocation for the Period When They Were a Class B customer	Equ	nthly ial ments
Customer 1	3,876,788	3,876,788	13.07%	-\$ 3,428	-\$	286
Customer 2	1,203,670	1,203,670	4.06%	-\$ 1,064	-\$	89
Customer 3	297,363	297,363	1.00%	-\$ 263	-\$	22
Customer 4	3,852,950	3,852,950	12.99%	-\$ 3,407	-\$	284
Customer 5	2,676,034	2,676,034	9.02%	-\$ 2,367	-\$	197
Customer 6	3,952,989	3,952,989	13.32%	-\$ 3,496	-\$	291
Customer 7	3,939,890	3,939,890	13.28%	-\$ 3,484	-\$	290
Customer 8	1,467,176	1,467,176	4.94%	-\$ 1,298	-\$	108
Customer 9	4,882,322	4,882,322	16.46%	-\$ 4,318	-\$	360
Customer 10	1,625,323	1,625,323	5.48%	-\$ 1,437	-\$	120
Customer 11	1,895,663	1,895,663	6.39%	-\$ 1,676	-\$	140
Total	29,670,168	29,670,168	100.00%	-\$ 26,239		



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)

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

Rate Rider Recovery to be used below

							Rate Rider Recovery to i	ie usea below	
		Total Metered Non-RPP 2018 Consumption excluding WMP	Total Metered 2018 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated period GA balance accumulated period GA balance accumulated		Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	12,212,055	0	0	12,212,055	4.7%	(\$10,800)	-\$0.0009	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	22,133,009	153,343,074	0	(131,210,065)	-50.9%	\$116,036	-\$0.0009	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	422,621,223	0	64,989,730	357,631,493	138.8%	(\$316,274)	-\$0.0009	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	39,541,259	32,793,598	0	6,747,661	2.6%	(\$5,967)	-\$0.0009	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	488,257	0	0	488,257	0.2%	(\$432)	-\$0.0009	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	146,273	0	0	146,273	0.1%	(\$129)	-\$0.0009	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	3,560,476	0	0	3,560,476	1.4%	(\$3,149)	-\$0.0009	kWh
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	13,536,623	0	5,425,228	8,111,395	3.1%	(\$7,173)	-\$0.0009	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
	Total	514.239.175	186.136.672	70.414.958	257.687.545	100.0%	(\$227.888)		



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

Year Account 1580 CBR Class B was Last Disposed	2017

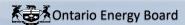
Allocation of Total Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2018
Total Consumption Less WMP Consumption	Α	924,046,524	924,046,524
Less Class A Consumption for Partial Year Class A Customers	В	40,744,790	40,744,790
Less Consumption for Full Year Class A Customers	С	186,136,672	186,136,672
Total Class B Consumption for Years During Balance			697.165.062
Accumulation	D = A-B-C	697,165,062	697,165,062
All Class B Consumption for Transition Customers	E	29,670,168	29,670,168
Transition Customers' Portion of Total Consumption	F = E/D	4.26%	

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

Total CBR Class B Balance	G	-\$ 33	3,741
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$ 1	1,436
CBR Class B Balance to be disposed to Current Class B Customers			
through Rate Rider	I=G-H	-\$ 32	2,305

# of Class A/B Transition Customers	11							
Customer	Consumption (kWh) for Transition	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2018		Customer Specific CBR Class B Allocation for the Period When They Were a Class B Customer	Monthi Equal Payme		Revis Monti Paym	hly
Customer 1	3,876,788	3,876,788	13.07%	-\$ 188	-\$	16	\$	-
Customer 2	1,203,670	1,203,670	4.06%	-\$ 58	-\$	5	\$	-
Customer 3	297,363	297,363	1.00%	-\$ 14	-\$	1	\$	-
Customer 4	3,852,950	3,852,950	12.99%	-\$ 186	-\$	16	\$	-
Customer 5	2,676,034	2,676,034	9.02%	-\$ 130	-\$	11	\$	-
Customer 6	3,952,989	3,952,989	13.32%	-\$ 191	-\$	16	\$	-
Customer 7	3,939,890	3,939,890	13.28%	-\$ 191	-\$	16	\$	-
Customer 8	1,467,176	1,467,176	4.94%	-\$ 71	-\$	6	\$	-
Customer 9	4,882,322	4,882,322	16.46%	-\$ 236	-\$	20	\$	-
Customer 10	1,625,323	1,625,323	5.48%	-\$ 79	-\$	7	\$	-
Customer 11	1,895,663	1,895,663	6.39%	-\$ 92	-\$	8	\$	-
Total	29,670,168	29,670,168	100.00%	-\$ 1,436	-\$	120	\$	-



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

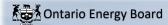
Default Rate Rider Recovery Period (in months) **DVA Proposed Rate Rider Recovery Period (in months)** LRAM Proposed Rate Rider Recovery Period (in months)

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

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	•	Allocation of Group 1 Account Balances to Non- WMP Classes Only (If Applicable) <sup>2</sup>	Deferral/Variance Account Rate Rider <sup>2</sup>	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) <sup>2</sup>	Account 1568 Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	299,870,044	0	299,870,044	0	463,418		0.0015	0.0000	0.0002
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	115,899,781	0	115,899,781	0	189,098		0.0016	0.0000	0.0002
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	453,498,072	1,206,516	449,924,058	1,197,553	572,601	181,670	0.4746	0.1517	0.1172
LARGE USE SERVICE CLASSIFICATION	kW	39,541,259	184,428	39,541,259	184,428	66,557		0.3609	0.0000	0.0122
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,344,468	0	1,344,468	0	2,234		0.0017	0.0000	0.0000
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	369,815	1,032	369,815	1,032	616		0.5969	0.0000	0.0000
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,560,476	10,553	3,560,476	10,553	6,071		0.5753	0.0000	0.9252
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	13,536,623	29,483	13,536,623	29,483	22,209		0.7533	0.0000	0.0000
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0		0.0000	0.0000	0.0000

<sup>&</sup>lt;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.

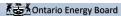


### **Summary - Sharing of Tax Change Forecast Amounts**

	20	D16	2020			
OEB-Approved Rate Base	\$	-	\$	-		
OEB-Approved Regulatory Taxable Income	\$	-	\$	-		
Federal General Rate				15.0%		
Federal Small Business Rate				9.0%		
Federal Small Business Rate (calculated effective rate) <sup>1,2</sup>				9.0%		
Ontario General Rate				11.5%		
Ontario Small Business Rate				3.5%		
Ontario Small Business Rate (calculated effective rate) <sup>1,2</sup>				3.5%		
Federal Small Business Limit			\$	500,000		
Ontario Small Business Limit			\$	500,000		
Federal Taxes Payable			\$	_		
Provincial Taxes Payable			\$	-		
Federal Effective Tax Rate				0.0%		
Provincial Effective Tax Rate		_		0.0%		
Combined Effective Tax Rate		0.0%		0.0%		
Total Income Taxes Payable	\$	-	\$	-		
OEB-Approved Total Tax Credits (enter as positive number)	\$	-	\$	-		
Income Tax Provision	\$	-	\$	-		
Grossed-up Income Taxes	\$	-	\$	-		
Incremental Grossed-up Tax Amount			\$	-		
Sharing of Tax Amount (50%)			\$	-		

#### Notes

- 1. Regarding the small business deduction, if applicable,
  - a. If taxable capital exceeds \$15 million, the small business rate will not be applicable.
  - b. If taxable capital is below \$10 million, the small business rate would be applicable.
  - c. If taxable capital is between \$10 million and \$15 million, the appropriate small business rate will be calculated.
- 2. The OEB's proxy for taxable capital is rate base.



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.

		Re-based Billed	Re-based Billed	Re-based Billed	Re-based Service	Re-based Distribution Volumetric Rate	Re-based Distribution Volumetric Rate	Service Charge	Distribution Volumetric Rate Revenue	Distribution Volumetric Rate Revenue	Revenue Requirement from	Service Charge	Distribution Volumetric Rate % Revenue	Distribution Volumetric Rate % Revenue	
Rate Class		Customers or Connections		kW	Charge	kWh	kW	Revenue	kWh	kW	Rates	% Revenue	kWh	kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
LARGE USE 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	kWh							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	299,870,044		0	0.00	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION kWh	115,899,781		0	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION kW	453,498,072	1,206,516	0	0.0000	kW
LARGE USE SERVICE CLASSIFICATION KW	39,541,259	184,428	0	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION kWh	1,344,468		0	0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION kW	369,815	1,032	0	0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION kW	3,560,476	10,553	0	0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION KW	13,536,623	29,483	0	0.0000	kW
STANDBY POWER SERVICE CLASSIFICATION kWh			0	0.0000	kWh
Total	927,620,538	1,432,012	\$0		

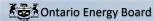


Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes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

Rate Class	Rate Description	Unit	Rate	Adjusted Metered kWh	Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	299,870,044	0	1.0432	312,824,430
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	299,870,044	0	1.0432	312,824,430
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	115,899,781	0	1.0432	120,906,652
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050	115,899,781	0	1.0432	120,906,652
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5821	453,498,072	1,206,516		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1487	453,498,072	1,206,516		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7398	39,541,259	184,428		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.3623	39,541,259	184,428		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	1,344,468	0	1.0432	1,402,549
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050	1,344,468	0	1.0432	1,402,549
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8968	369,815	1,032		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6149	369,815	1,032		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8774	3,560,476	10,553		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5773	3,560,476	10,553		
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5821	13,536,623	29,483		
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1487	13,536,623	29,483		



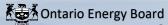
Uniform Transmission Rates	Unit	2018		2019	2019 1 - Dec 31)	2020
Rate Description		Rate		Rate	Rate	Rate
Network Service Rate	kW	\$	3.61	\$ 3.71	\$ 3.83	\$ 3.83
Line Connection Service Rate	kW	\$	0.95	\$ 0.94	\$ 0.96	\$ 0.96
Transformation Connection Service Rate	kW	\$	2.34	\$ 2.25	\$ 2.30	\$ 2.30
Hydro One Sub-Transmission Rates	Unit	2018		2019 - June 30)	2019 1 - Dec 31)	2020
Rate Description		Rate		Rate	Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.1942	\$ 3.2915	\$ 3.2915
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7710	\$ 0.7877	\$ 0.7877
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.7493	\$ 1.9755	\$ 1.9755
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.5203	\$ 2.7632	\$ 2.7632



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

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

IESO		Network			Lir	ne Connec	ion		Transfo	rmation Co	onne	ction	Tota	I Connection
Month	Units Billed	Rate		Amount	Units Billed	Rate		Amount	Units Billed	Rate		Amount		Amount
January	79,716	\$3.61	\$	287,775	87,879	\$0.95	\$	83,485	87,879	\$2.34	\$	205,637	\$	289,122
February	71,757	\$3.61	\$	259,043	81,649	\$0.95	\$	77,567	81,649	\$2.34	\$	191,060	\$	268,62
March	85,810	\$3.61	\$	309,774	96,374	\$0.95	\$	91,556	96,374	\$2.34	\$	225,516	\$	317,07
April	81,576	\$3.61	\$	294,489	91,210	\$0.95	\$	86,649	91,210	\$2.34	\$	213,430	\$	300,07
May	96,711	\$3.61	\$	349,127	107,201	\$0.95	\$	101,841	107,201	\$2.34	\$	250,847	\$	352,68
June	102,135	\$3.61	\$	368,707	117,016	\$0.95	\$	111,165	117,016	\$2.34	\$	273,818	\$	384,98
July	112,272	\$3.61	\$	405,302	121,506	\$0.95	\$	115,431	121,506	\$2.34	\$	284,324	\$	399,75
August	111,398	\$3.61	\$	402,147	116,749	\$0.95	\$	110,912	116,749	\$2.34	\$	273,193	\$	384,10
September	114,954	\$3.61	\$	414,984	121,445	\$0.95	\$	115,372	121,445	\$2.34	\$	284,181	\$	399,55
October	84,287	\$3.61	\$	304,276	96,894	\$0.95	\$	92,050	96,894	\$2.34	\$	226,733	\$	318,78
November	81.091	\$3.61	\$	292,739	87.254	\$0.95	\$	82,891	87.254	\$2.34	\$	204,174	\$	287.06
December	72,254	\$3.61	\$	260,837	84,816	\$0.95	\$	80,575	84,816	\$2.34	\$	198,469	\$	279,04
Total	1,093,961	\$ 3.6	1 \$	3,949,199	1,209,993	\$ 0.95	\$	1,149,493	1,209,993	\$ 2.34	\$	2,831,380	\$	3,980,87
Hydro One		Network			Lir	ne Connect	ion		Transfo	rmation Co	nne	ction	Tota	al Connection
Hydro One Month	Units Billed	Network Rate		Amount	Lir Units Billed	ne Connec		Amount	Transfo	rmation Co		Amount	Tota	al Connectio
,	Units Billed		\$	Amount 198,790		Rate		Amount 42,371		Rate			Tota	
Month		Rate			Units Billed	Rate			Units Billed	Rate		Amount		Amount
<b>Month</b> January	62,235	Rate \$3.1942	\$	198,790	Units Billed 54,955	Rate \$0.7710	\$	42,371	Units Billed 49,162	Rate \$1.7493	\$	Amount 85,999	\$	Amount 128,36 120,7
Month  January February	62,235 58,620	Rate \$3.1942 \$3.1942	\$	198,790 187,244	Units Billed 54,955 52,417	Rate \$0.7710 \$0.7710	\$	42,371 40,413	Units Billed 49,162 45,903	Rate \$1.7493 \$1.7493	\$	Amount 85,999 80,297	\$	Amount
Month  January February March	62,235 58,620 54,901	Rate \$3.1942 \$3.1942 \$3.1942	\$ \$ \$	198,790 187,244 175,365	Units Billed 54,955 52,417 50,186	\$0.7710 \$0.7710 \$0.7710	\$ \$	42,371 40,413 38,693	Units Billed 49,162 45,903 42,191	Rate \$1.7493 \$1.7493 \$1.7493	\$ \$	Amount 85,999 80,297 73,805	\$ \$ \$	Amount 128,36 120,7 112,4
Month  January February March April	62,235 58,620 54,901 51,205	Rate \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$	198,790 187,244 175,365 163,560	Units Billed 54,955 52,417 50,186 54,789	Rate \$0.7710 \$0.7710 \$0.7710 \$0.7710	\$ \$ \$	42,371 40,413 38,693 42,242	Units Billed 49,162 45,903 42,191 44,102	Rate \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$	Amount 85,999 80,297 73,805 77,148	\$ \$ \$	Amount 128,30 120,7 112,41 119,31 136,01
Month  January February March April May	62,235 58,620 54,901 51,205 65,401	Rate \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$	198,790 187,244 175,365 163,560 208,903	Units Billed 54,955 52,417 50,186 54,789 61,957	\$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	\$ \$ \$ \$	42,371 40,413 38,693 42,242 47,769	Units Billed 49,162 45,903 42,191 44,102 50,452	Rate \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$ \$	85,999 80,297 73,805 77,148 88,255	\$ \$ \$ \$ \$	Amount 128,36 120,7' 112,45 119,35
Month  January February March April May June July	62,235 58,620 54,901 51,205 65,401 76,781	Rate \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$ \$	198,790 187,244 175,365 163,560 208,903 245,254	Units Billed 54,955 52,417 50,186 54,789 61,957 67,469	\$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	\$ \$ \$ \$	42,371 40,413 38,693 42,242 47,769 52,019	Units Billed 49,162 45,903 42,191 44,102 50,452 61,625	\$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$ \$ \$	85,999 80,297 73,805 77,148 88,255 107,801	\$ \$ \$ \$ \$ \$	Amount  128,30 120,7 112,4' 119,3' 136,0' 159,8 162,8'
Month  January February March April May June	62,235 58,620 54,901 51,205 65,401 76,781 78,243	Rate \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$ \$	198,790 187,244 175,365 163,560 208,903 245,254 249,924	Units Billed 54,955 52,417 50,186 54,789 61,957 67,469 67,906	\$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	\$ \$ \$ \$ \$ \$	42,371 40,413 38,693 42,242 47,769 52,019 52,355	Units Billed  49,162 45,903 42,191 44,102 50,452 61,625 63,158	Rate \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$ \$ \$ \$ \$	85,999 80,297 73,805 77,148 88,255 107,801 110,483	***	Amount 128,36 120,7' 112,49 119,39 136,02 159,8'
Month  January February March April May June July August	62,235 58,620 54,901 51,205 65,401 76,781 78,243 79,777	Rate \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$ \$ \$ \$	198,790 187,244 175,365 163,560 208,903 245,254 249,924 254,823	Units Billed 54,955 52,417 50,186 54,789 61,957 67,469 67,906 70,144	\$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	\$ \$ \$ \$ \$ \$ \$	42,371 40,413 38,693 42,242 47,769 52,019 52,355 54,081	Units Billed 49,162 45,903 42,191 44,102 50,452 61,625 63,158 63,987	\$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$ \$ \$ \$	85,999 80,297 73,805 77,148 88,255 107,801 110,483 111,933	****	Amount  128,36 120,7' 112,4' 119,33 136,02 159,8' 162,8' 166,0'
Month  January February March April May June July August September	62,235 58,620 54,901 51,205 65,401 76,781 78,243 79,777 82,684	Rate \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	198,790 187,244 175,365 163,560 208,903 245,254 249,924 254,823 264,108	54,955 52,417 50,186 54,789 61,957 67,469 67,906 70,144 72,577	\$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	\$ \$ \$ \$ \$ \$ \$ \$	42,371 40,413 38,693 42,242 47,769 52,019 52,355 54,081 55,957	49,162 45,903 42,191 44,102 50,452 61,625 63,158 63,987 66,586	\$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$ \$ \$ \$ \$ \$ \$	Amount  85,999 80,297 73,805 77,148 88,255 107,801 110,483 111,933 116,479	****	Amount  128,3 120,7 112,4 119,3 136,0 159,8 162,8 166,0 172,4 128,6
Month  January February March April May June July August September October	62,235 58,620 54,901 51,205 65,401 76,781 78,243 79,777 82,684 63,495	Rate \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	198,790 187,244 175,365 163,560 208,903 245,254 249,924 254,823 264,108 202,817	Units Billed  54,955 52,417 50,186 54,789 61,957 67,469 67,906 70,144 72,577 56,151	\$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	42,371 40,413 38,693 42,242 47,769 52,019 52,355 54,081 55,957 43,292	Units Billed  49,162 45,903 42,191 44,102 50,452 61,625 63,158 63,987 66,586 48,778	\$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	85,999 80,297 73,805 77,148 88,255 107,801 110,483 111,933 116,479 85,327	*****	Amount  128,3 120,7 112,4 119,3 136,0 159,8 162,8 166,0 172,4



The purpose of this sheet is to calculate the expected billing when current 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

IESO		Network		Lir	e Connection	on	Transfo	rmation Con	nection	Tota	al Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	79,716 \$	3.7100 \$	295,746	87,879	\$ 0.9400	\$ 82,606	87,879	\$ 2.2500	\$ 197,728	\$	280,334
February	71,757 \$	3.7100 \$	266,218	81,649	\$ 0.9400	\$ 76,750	81,649	\$ 2.2500	\$ 183,711	\$	260,462
March	85,810 \$	3.7100 \$	318,355	96,374	\$ 0.9400	\$ 90,592	96,374	\$ 2.2500	\$ 216,842	\$	307,434
April	81,576 \$	3.7100 \$	302,647	91,210	\$ 0.9400	\$ 85,737	91,210	\$ 2.2500	\$ 205,221	\$	290,958
May	96,711 \$	3.7100 \$	358,798	107,201	\$ 0.9400	\$ 100,769	107,201	\$ 2.2500	\$ 241,202	\$	341,971
June	102,135 \$	3.7100 \$	378,921	117,016	\$ 0.9400	\$ 109,995	117,016	\$ 2.2500	\$ 263,286	\$	373,281
July	112,272 \$	3.8300 \$	430,002	121,506	\$ 0.9600	\$ 116,646	121,506	\$ 2.3000	\$ 279,463	\$	396,109
August	111,398 \$	3.8300 \$	426,654	116,749	\$ 0.9600	\$ 112,079	116,749	\$ 2.3000	\$ 268,523	\$	380,602
September	114,954 \$	3.8300 \$	440,274	121,445	\$ 0.9600	\$ 116,587	121,445	\$ 2.3000	\$ 279,323	\$	395,910
October	84,287 \$	3.8300 \$	322,819	96,894	\$ 0.9600	\$ 93,019	96,894	\$ 2.3000	\$ 222,857	\$	315,876
November	81,091 \$	3.8300 \$	310,579	87,254	\$ 0.9600	\$ 83,764	87,254	\$ 2.3000	\$ 200,684	\$	284,448
December	72,254 \$	3.8300 \$	276,733	84,816	\$ 0.9600	\$ 81,423	84,816	\$ 2.3000	\$ 195,076	\$	276,499
Total	1,093,961 \$	3.77 \$	4,127,746	1,209,993	\$ 0.95	\$ 1,149,967	1.209.993	\$ 2.28	\$ 2,753,917	\$	3,903,884
		σ ψ	7,127,740	1,200,000	ψ 0.33	ψ 1,110,001	1,200,000	Ψ 2.20	Ψ 2,700,017		-,,
Hydro One	, ,	Network	4,121,140		e Connection			rmation Con			al Connection
Hydro One Month	Units Billed	*	Amount		,			•			
		Network	Amount	Lir Units Billed	ne Connectio	Amount	Transfo	rmation Con	nection Amount		al Connection
Month	Units Billed	Network Rate	<b>Amount</b> 198,790	Lir Units Billed	Rate \$ 0.7710	Amount \$ 42,371	Transfo	Rate \$ 1.7493	nection Amount	Tota	al Connection Amount
<b>Month</b> January	Units Billed 62,235 \$	Network Rate 3.1942 \$	Amount 198,790 187,244	Lir Units Billed 54,955 52,417	Rate \$ 0.7710	Amount \$ 42,371 \$ 40,413	Transfo Units Billed 49,162	Rate \$ 1.7493	Amount \$ 85,999 \$ 80,297	Total	Amount 128,369
<b>Month</b> January February	Units Billed 62,235 \$ 58,620 \$	Network  Rate  3.1942 \$ 3.1942 \$	Amount 198,790 187,244	Units Billed  54,955 52,417 50,186	Rate \$ 0.7710 \$ 0.7710	Amount \$ 42,371 \$ 40,413 \$ 38,693	Transfo Units Billed 49,162 45,903	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 85,999 \$ 80,297 \$ 73,805	Total	Amount 128,369 120,710
<b>Month</b> January February March	Units Billed 62,235 \$ 58,620 \$ 54,901 \$	Network  Rate  3.1942 \$ 3.1942 \$ 3.1942 \$	Amount 5 198,790 6 187,244 6 175,365	Lir Units Billed 54,955 52,417 50,186 54,789	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710	Amount \$ 42,371 \$ 40,413 \$ 38,693 \$ 42,242	Transfo Units Billed 49,162 45,903 42,191	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 85,999 \$ 80,297 \$ 73,805 \$ 77,148	**************************************	Amount  128,369 120,710 112,499
<b>Month</b> January February  March  April	Units Billed 62,235 \$ 58,620 \$ 54,901 \$ 51,205 \$	Network  Rate  3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$	Amount 198,790 187,244 175,365 163,560	Lir Units Billed 54,955 52,417 50,186 54,789 61,957	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	Amount \$ 42,371 \$ 40,413 \$ 38,693 \$ 42,242 \$ 47,769	Transfo Units Billed 49,162 45,903 42,191 44,102	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 85,999 \$ 80,297 \$ 73,805 \$ 77,148 \$ 88,255	**************************************	Amount  128,369 120,710 112,499 119,390
<b>Month</b> January February  March April  May	Units Billed 62,235 \$ 58,620 \$ 54,901 \$ 51,205 \$ 65,401 \$	Network  Rate  3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$	Amount 198,790 187,244 175,365 163,560 208,903 245,254	Units Billed  54,955 52,417 50,186 54,789 61,957 67,469	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	Amount \$ 42,371 \$ 40,413 \$ 38,693 \$ 42,242 \$ 47,769	Transfo Units Billed 49,162 45,903 42,191 44,102 50,452	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 85,999 \$ 80,297 \$ 73,805 \$ 77,148 \$ 88,255	**************************************	128,369 120,710 112,499 119,390 136,024
Month  January February March April May June	Units Billed  62,235 \$ 58,620 \$ 54,901 \$ 51,205 \$ 65,401 \$ 76,781 \$	Rate  3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$	Amount 198,790 187,244 175,365 163,560 208,903 245,254 257,537	Units Billed 54,955 52,417 50,186 54,789 61,957 67,469 67,906	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	Amount \$ 42,371 \$ 40,413 \$ 38,693 \$ 42,242 \$ 47,769 \$ 52,019	Transfo Units Billed 49,162 45,903 42,191 44,102 50,452 61,625	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 85,999 \$ 80,297 \$ 73,805 \$ 77,148 \$ 88,255 \$ 107,801 \$ 124,769	**************************************	Amount  128,369 120,710 112,499 119,390 136,024 159,819
Month  January February March April May June July	Units Billed  62,235 \$ 58,620 \$ 54,901 \$ 51,205 \$ 65,401 \$ 76,781 \$ 78,243 \$	Rate  3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.2915 \$	Amount 198,790 187,244 175,365 163,560 208,903 245,254 257,537 262,585	Units Billed 54,955 52,417 50,186 54,789 61,957 67,469 67,906 70,144	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7877	Amount \$ 42,371 \$ 40,413 \$ 38,693 \$ 42,242 \$ 47,769 \$ 52,019 \$ 53,489	Transfo Units Billed 49,162 45,903 42,191 44,102 50,452 61,625 63,158	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.9755	Amount \$ 85,999 \$ 80,297 \$ 73,805 \$ 77,148 \$ 88,255 \$ 107,801 \$ 124,769 \$ 126,407	**************************************	Amount  128,369 120,710 112,499 119,390 136,024 159,819 178,259
Month  January February March April May June July August	Units Billed 62,235 \$ 58,620 \$ 54,901 \$ 51,205 \$ 65,401 \$ 76,781 \$ 78,243 \$ 79,777 \$	Rate  3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.2915 \$ 3.2915 \$	Amount 198,790 187,244 175,365 163,560 208,903 245,254 257,537 262,585 272,153	Units Billed  54,955 52,417 50,186 54,789 61,957 67,469 67,906 70,144 72,577	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7877 \$ 0.7877	Amount \$ 42,371 \$ 40,413 \$ 38,693 \$ 42,242 \$ 47,769 \$ 52,019 \$ 53,489 \$ 55,252	Transfo Units Billed 49.162 45,903 42,191 44,102 50,452 61,625 63,158 63,987	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.9755 \$ 1.9755 \$ 1.9755	Amount \$ 85,999 \$ 80,297 \$ 73,805 \$ 77,148 \$ 88,255 \$ 107,801 \$ 124,769 \$ 126,407	**************************************	128,369 120,710 112,499 119,390 136,024 159,819 178,259 181,660
Month  January February March April May June July August September	Units Billed  62,235 \$ 58,620 \$ 54,901 \$ 51,205 \$ 65,401 \$ 76,781 \$ 78,243 \$ 79,777 \$ 82,684 \$	Rate  3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$	Amount  198,790 187,244 175,365 163,560 208,903 245,254 257,537 262,585 272,153 208,995	Units Billed  54,955 52,417 50,186 54,789 61,957 67,469 67,906 70,144 72,577 56,151	**Rate	**Mount**  \$ 42,371 \$ 40,413 \$ 38,693 \$ 42,242 \$ 47,769 \$ 52,019 \$ 53,489 \$ 55,252 \$ 57,169	Transfo Units Billed  49,162 45,903 42,191 44,102 50,452 61,625 63,158 63,987 66,586	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	Amount \$ 85,999 \$ 80,297 \$ 73,805 \$ 77,148 \$ 88,255 \$ 107,801 \$ 124,769 \$ 126,407 \$ 131,541 \$ 96,360	**************************************	Amount  128,369 120,710 112,499 119,390 136,024 159,819 178,259 181,660 188,710
Month  January February March April May June July August September October	Units Billed  62,235 \$ 58,620 \$ 54,901 \$ 51,205 \$ 65,401 \$ 76,781 \$ 78,243 \$ 79,777 \$ 82,684 \$ 63,495 \$	Rate  3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$	Amount  198,790 187,244 175,365 163,560 208,903 245,254 257,537 262,585 272,153 208,995 195,673	Units Billed  54,955 52,417 50,186 54,789 61,957 67,469 67,906 70,144 72,577 56,151 53,273	**Rate	**Mount**  \$ 42,371 \$ 40,413 \$ 38,693 \$ 42,242 \$ 47,769 \$ 52,019 \$ 53,489 \$ 55,252 \$ 57,169 \$ 44,230 \$ 41,963	Transfo Units Billed  49,162 45,903 42,191 44,102 50,452 61,625 63,158 63,987 66,586 48,778	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	Amount \$ 85,999 \$ 80,297 \$ 73,805 \$ 77,148 \$ 88,255 \$ 107,801 \$ 124,769 \$ 126,407 \$ 131,541 \$ 96,360 \$ 91,685	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount  128,369 120,710 112,499 119,390 136,024 159,819 178,259 181,660 188,710 140,590



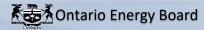
The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

IESO		Network		Liı	ne Connection		Transfo	ormation Co	nnection	Tota	I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	79,716	\$ 3.8300	\$ 305,312	87,879	\$ 0.9600 \$	84,364	87,879	\$ 2.3000	\$ 202,122	\$	286,486
February	71,757	\$ 3.8300	\$ 274,829	81,649	\$ 0.9600 \$	78,383	81,649	\$ 2.3000	\$ 187,794	\$	266,177
March	85,810	\$ 3.8300	\$ 328,652	96,374	\$ 0.9600 \$	92,519	96,374	\$ 2.3000	\$ 221,661	\$	314,181
April	81,576	\$ 3.8300	\$ 312,436	91,210	\$ 0.9600 \$	87,561	91,210	\$ 2.3000	\$ 209,782	\$	297,343
May	96,711	\$ 3.8300	\$ 370,403	107,201	\$ 0.9600 \$	102,913	107,201	\$ 2.3000	\$ 246,562	\$	349,475
June	102,135	\$ 3.8300	\$ 391,177	117,016	\$ 0.9600 \$	112,335	117,016	\$ 2.3000	\$ 269,137	\$	381,472
July	112,272	\$ 3.8300	\$ 430,002	121,506	\$ 0.9600 \$	116,646			\$ 279,463	\$	396,109
August	111,398		\$ 426,654	116,749	\$ 0.9600 \$	112,079		\$ 2.3000	\$ 268,523	\$	380,602
September	114,954	\$ 3.8300		121,445	\$ 0.9600 \$	116,587		\$ 2.3000	\$ 279,323	\$	395,910
October	84,287		\$ 322,819	96,894	\$ 0.9600 \$	93,019		\$ 2.3000	\$ 222,857	\$	315,876
November	81,091		\$ 310,579	87,254	\$ 0.9600 \$	83,764		\$ 2.3000	\$ 200,684	\$	284,448
December	72,254	\$ 3.8300	\$ 276,733	84,816	\$ 0.9600 \$	81,423	84,816	\$ 2.3000	\$ 195,076	\$	276,499
Total	1,093,961	\$ 3.83	\$ 4,189,871	1,209,993	\$ 0.96 \$	1,161,593	1,209,993	\$ 2.30	\$ 2,782,984	\$	3,944,577
Hydro One		Network		Liı	ne Connection		Transfo	ormation Co	nnection	Tota	I Connection
Hydro One Month	Units Billed	Network Rate	Amount	Lit Units Billed	ne Connection	Amount	Transfo	rmation Co	nnection Amount	Tota	I Connection Amount
	Units Billed					Amount		Rate		Tota	
Month		Rate	\$ 204,845	Units Billed	Rate	Amount	Units Billed	Rate \$ 1.9755	Amount		Amount
<b>Month</b> January	62,235	Rate \$ 3.2915	\$ 204,845 \$ 192,948	Units Billed 54,955	Rate \$ 0.7877 \$	Amount 43,288	Units Billed 49,162	Rate \$ 1.9755	<b>Amount</b> \$ 97,119	\$	Amount 140,407
Month  January February	62,235 58,620	Rate \$ 3.2915 \$ 3.2915	\$ 204,845 \$ 192,948 \$ 180,707	Units Billed 54,955 52,417	Rate \$ 0.7877 \$ \$ 0.7877 \$	Amount 43,288 41,289	Units Billed 49,162 45,903	Rate \$ 1.9755 \$ 1.9755	Amount \$ 97,119 \$ 90,680	\$ \$	Amount 140,407 131,969
Month  January February March	62,235 58,620 54,901	Rate \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915	\$ 204,845 \$ 192,948 \$ 180,707	Units Billed 54,955 52,417 50,186	Rate \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$	Amount 43,288 41,289 39,531	Units Billed 49,162 45,903 42,191	Rate \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	Amount \$ 97,119 \$ 90,680 \$ 83,349	\$ \$ \$	Amount 140,407 131,969 122,880
Month  January February March April	62,235 58,620 54,901 51,205	Rate \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915	\$ 204,845 \$ 192,948 \$ 180,707 \$ 168,542	Units Billed 54,955 52,417 50,186 54,789	Rate \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$	Amount 43,288 41,289 39,531 43,157	Units Billed 49,162 45,903 42,191 44,102	Rate \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	\$ 97,119 \$ 90,680 \$ 83,349 \$ 87,124	\$ \$ \$ \$ \$ \$	Amount 140,407 131,969 122,880 130,281
Month  January February March April May	62,235 58,620 54,901 51,205 65,401	Rate \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915	\$ 204,845 \$ 192,948 \$ 180,707 \$ 168,542 \$ 215,266	Units Billed 54,955 52,417 50,186 54,789 61,957	Rate \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$	43,288 41,289 39,531 43,157 48,803	Units Billed  49,162 45,903 42,191 44,102 50,452	Rate \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	Amount \$ 97,119 \$ 90,680 \$ 83,349 \$ 87,124 \$ 99,667	\$ \$ \$ \$ \$	140,407 131,969 122,880 130,281 148,470
Month  January February March April May June	62,235 58,620 54,901 51,205 65,401 76,781	Rate \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915	\$ 204,845 \$ 192,948 \$ 180,707 \$ 168,542 \$ 215,266 \$ 252,725	54,955 52,417 50,186 54,789 61,957 67,469 67,906	Rate \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$	43,288 41,289 39,531 43,157 48,803 53,145 53,489 55,252	Units Billed 49,162 45,903 42,191 44,102 50,452 61,625	Rate \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	## Amount  \$ 97,119  \$ 90,680  \$ 83,349  \$ 87,124  \$ 99,667  \$ 121,740	***	Amount 140,407 131,969 122,880 130,281 148,470 174,886
Month  January February March April May June July August September	62,235 58,620 54,901 51,205 65,401 76,781 78,243 79,777 82,684	Rate \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915	\$ 204,845 192,948 \$ 180,707 \$ 168,542 \$ 215,266 \$ 252,725 257,537 \$ 262,585 \$ 272,153	54,955 52,417 50,186 54,789 61,957 67,469 67,906 70,144 72,577	Rate \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$	43,288 41,289 39,531 43,157 48,803 53,145 53,489 55,252 57,169	49,162 45,903 42,191 44,102 50,452 61,625 63,158 63,987 66,586	Rate \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	Amount \$ 97,119 \$ 90,680 \$ 83,349 \$ 87,124 \$ 99,667 \$ 121,740 \$ 124,769 \$ 126,407 \$ 131,541	* * * * * * * * * *	140,407 131,969 122,880 130,281 148,470 174,886 178,259 181,660 188,710
Month  January February March April May June July August September October	62,235 58,620 54,901 51,205 65,401 76,781 78,243 79,777 82,684 63,495	Rate \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915	\$ 204,845 \$ 192,948 \$ 180,707 \$ 168,542 215,266 \$ 252,725 \$ 257,537 \$ 262,585 \$ 272,153 \$ 208,995	54,955 52,417 50,186 54,789 61,957 67,469 67,906 70,144 72,577 56,151	Rate \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$	43,288 41,289 39,531 43,157 48,803 53,145 53,489 55,252 57,169 44,230	49,162 45,903 42,191 44,102 50,452 61,625 63,158 63,987 66,586 48,778	Rate \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	\$ 97,119 \$ 90,680 \$ 83,349 \$ 87,124 \$ 99,667 \$ 121,740 \$ 124,769 \$ 126,407 \$ 131,541 \$ 96,360	***	Amount  140,407 131,969 122,880 130,281 148,470 174,886 178,259 181,660 188,710 140,590
Month  January February March April May June July August September October November	62,235 58,620 54,901 51,205 65,401 76,781 78,243 79,777 82,684 63,495 59,448	Rate \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915   \$ 3.2915	204,845 192,948 180,707 168,542 215,266 252,725 257,537 262,585 272,153 208,995 195,673	54,955 52,417 50,186 54,789 61,957 67,469 67,906 70,144 72,577 56,151 53,273	Rate  \$ 0.7877 \$ 0.78	43,288 41,289 39,531 43,157 48,803 53,145 53,489 55,252 57,169 44,230 41,963	49,162 45,903 42,191 44,102 50,452 61,625 63,158 63,987 66,586 48,778 46,411	Rate  \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	Amount \$ 97,119 \$ 90,680 \$ 83,349 \$ 87,124 \$ 99,667 \$ 121,740 \$ 124,769 \$ 126,407 \$ 131,541 \$ 96,360 \$ 91,685	****	Amount  140,407 131,969 122,880 130,281 148,470 174,886 178,259 181,660 188,710 140,590 133,648
Month  January February March April May June July August September October	62,235 58,620 54,901 51,205 65,401 76,781 78,243 79,777 82,684 63,495	Rate \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915	204,845 192,948 180,707 168,542 215,266 252,725 257,537 262,585 272,153 208,995 195,673	54,955 52,417 50,186 54,789 61,957 67,469 67,906 70,144 72,577 56,151 53,273	Rate \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$ \$ 0.7877 \$	43,288 41,289 39,531 43,157 48,803 53,145 53,489 55,252 57,169 44,230	49,162 45,903 42,191 44,102 50,452 61,625 63,158 63,987 66,586 48,778	Rate  \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	\$ 97,119 \$ 90,680 \$ 83,349 \$ 87,124 \$ 99,667 \$ 121,740 \$ 124,769 \$ 126,407 \$ 131,541 \$ 96,360	***	140,407 131,969 122,880 130,281 148,470 174,886 178,259 181,660 188,710 140,590



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	0.0067	312,824,430	0	2,095,924	32.1%	2,148,561	0.0069
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	120,906,652	0	713,349	10.9%	731,265	0.0060
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5821		1,206,516	3,115,345	47.7%	3,193,585	2.6469
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7398		184,428	505,296	7.7%	517,986	2.8086
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	1,402,549	0	8,275	0.1%	8,483	0.0060
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8968		1,032	1,958	0.0%	2,007	1.9444
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8774		10,553	19,812	0.3%	20,310	1.9245
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5821		29,483	76,128	1.2%	78,040	2.6469
The purpose of this table is to re-align the current R1	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	0.0057	312,824,430	0	1,783,099	32.4%	1,825,936	0.0058
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050	120,906,652	0	604,533	11.0%	619,056	0.0051
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1487		1,206,516	2,592,441	47.1%	2,654,721	2.2003
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.3623		184,428	435,674	7.9%	446,141	2.4191
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050	1,402,549	0	7,013	0.1%	7,181	0.0051
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6149		1,032	1,667	0.0%	1,707	1.6537
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5773		10,553	16,645	0.3%	17,045	1.6152
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1487		29,483	63,350	1.2%	64,872	2.2003
The purpose of this table is to update the re-aligned	RTS Network Rates to recover future wholesale network costs.								
Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed	Billed	Forecast Wholesale	Proposed RTSR-
				Dillea KVIII		Amount	Amount %	Billing	Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069	312,824,430	0	2,148,561	32.1%		
Residential Service Classification General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069 0.0060		0	2,148,561 731,265	32.1% 10.9%	<b>Billing</b> 2,180,001 741,965	Network 0.0070 0.0061
		\$/kWh \$/kW	0.0069 0.0060 2.6469	312,824,430	0 1,206,516	2,148,561 731,265 3,193,585	32.1% 10.9% 47.7%	<b>Billing</b> 2,180,001 741,965 3,240,315	0.0070 0.0061 2.6857
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW \$/kW	0.0069 0.0060 2.6469 2.8086	312,824,430 120,906,652	0 1,206,516 184,428	2,148,561 731,265 3,193,585 517,986	32.1% 10.9% 47.7% 7.7%	2,180,001 741,965 3,240,315 525,566	Network 0.0070 0.0061 2.6857 2.8497
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW \$/kW \$/kWh	0.0069 0.0060 2.6469 2.8086 0.0060	312,824,430	0 1,206,516 184,428 0	2,148,561 731,265 3,193,585 517,986 8,483	32.1% 10.9% 47.7% 7.7% 0.1%	Billing 2,180,001 741,965 3,240,315 525,566 8,607	0.0070 0.0061 2.6857 2.8497 0.0061
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW \$/kW \$/kWh \$/kW	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444	312,824,430 120,906,652	0 1,206,516 184,428 0 1,032	2,148,561 731,265 3,193,585 517,986 8,483 2,007	32.1% 10.9% 47.7% 7.7% 0.1% 0.0%	Billing  2,180,001 741,965 3,240,315 525,566 8,607 2,036	0.0070 0.0061 2.6857 2.8497 0.0061 1.9729
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW \$/kW \$/kWh \$/kW	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444 1.9245	312,824,430 120,906,652	0 1,206,516 184,428 0 1,032 10,553	2,148,561 731,265 3,193,585 517,986 8,483 2,007 20,310	32.1% 10.9% 47.7% 7.7% 0.1% 0.0% 0.3%	2,180,001 741,965 3,240,315 525,566 8,607 2,036 20,607	0.0070 0.0061 2.6857 2.8497 0.0061 1.9729 1.9527
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW \$/kW \$/kWh \$/kW	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444	312,824,430 120,906,652	0 1,206,516 184,428 0 1,032	2,148,561 731,265 3,193,585 517,986 8,483 2,007	32.1% 10.9% 47.7% 7.7% 0.1% 0.0%	Billing  2,180,001 741,965 3,240,315 525,566 8,607 2,036	0.0070 0.0061 2.6857 2.8497 0.0061 1.9729
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW \$/kW \$/kWh \$/kW	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444 1.9245 2.6469	312,824,430 120,906,652	0 1,206,516 184,428 0 1,032 10,553	2,148,561 731,265 3,193,585 517,986 8,483 2,007 20,310	32.1% 10.9% 47.7% 7.7% 0.1% 0.0% 0.3%	Billing 2,180,001 741,965 3,240,315 525,566 8,607 2,036 20,607 79,182	0.0070 0.0061 2.6857 2.8497 0.0061 1.9729 1.9527 2.6857
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW \$/kW \$/kWh \$/kW	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444 1.9245	312,824,430 120,906,652	0 1,206,516 184,428 0 1,032 10,553	2,148,561 731,265 3,193,585 517,986 8,483 2,007 20,310	32.1% 10.9% 47.7% 7.7% 0.1% 0.0% 0.3%	2,180,001 741,965 3,240,315 525,566 8,607 2,036 20,607	0.0070 0.0061 2.6857 2.8497 0.0061 1.9729 1.9527
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Embedded Distributor Service Classification  The purpose of this table is to update the re-aligned Rate Class  Residential Service Classification	Retail Transmission Rate - Network Service Rate RTS Connection Rates to recover future wholesale connection costs.  Rate Description  Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kW \$/kW \$/kWh \$/kW \$/kW \$/kW	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444 1.9245 2.6469   Adjusted RTSR- Connection 0.0058	312,824,430 120,906,652 1,402,549 Loss Adjusted Billed kWh	0 1,206,516 184,428 0 1,032 10,553 29,483 Billed kW	2,148,561 731,265 3,193,585 517,986 8,483 2,007 20,310 78,040 Billed Amount	32.1% 10.9% 47.7% 7.7% 0.1% 0.0% 0.3% 1.2% Billed Amount %	2,180,001 741,965 3,240,315 525,566 8,607 2,036 2,036 79,182  Forecast Wholesale Billing 1,862,468	Network  0.0070 0.0061 2.6857 2.8497 0.0061 1.9729 1.9527 2.6857  Proposed RTSR- Connection 0.0060
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Embedded Distributor Service Classification  The purpose of this table is to update the re-aligned Rate Class  Residential Service Classification General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate RETS 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	\$/kWh \$/kW \$/kW \$/kWh \$/kW \$/kW \$/kW	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444 1.9245 2.6469 Adjusted RTSR- Connection 0.0058 0.0051	312,824,430 120,906,652 1,402,549 Loss Adjusted Billed kWh	0 1,206,516 184,428 0 1,032 10,553 29,483 Billed kW	2,148,561 731,265 3,193,585 517,986 8,483 2,007 20,310 78,040 Billed Amount	32.1% 10.9% 47.7% 7.7% 0.1% 0.0% 0.3% 1.2% Billed Amount % 32.4% 11.0%	2,180,001 741,965 3,240,315 525,566 8,607 2,036 20,607 79,182  Forecast Wholesale Billing 1,862,468 631,442	Network  0.0070 0.0061 2.6857 2.8497 0.0061 1.9729 1.9527 2.6857  Proposed RTSR- Connection 0.0060 0.0052
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Embedded Distributor Service Classification  The purpose of this table is to update the re-aligned Rate Class  Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate RETS 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 Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kWh \$/kW \$/kW \$/kWh \$/kW \$/kW \$/kWh \$/kWh \$/kWh \$/kWh	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444 1.9245 2.6469   Adjusted RTSR- Connection 0.0058 0.0051 2.2003	312,824,430 120,906,652 1,402,549 Loss Adjusted Billed kWh	0 1,206,516 184,428 0 1,032 10,553 29,483 Billed kW	2,148,561 731,265 3,193,585 517,986 8,483 2,007 20,310 78,040 Billed Amount 1,825,936 619,056 2,654,721	32.1% 10.9% 47.7% 7.7% 0.1% 0.0% 0.3% 1.2% Billed Amount % 32.4% 11.0% 47.1%	2,180,001 741,965 3,240,315 525,566 8,607 2,036 20,607 79,182  Forecast Wholesale Billing 1,862,48 631,442 2,707,835	Network  0.0070 0.0061 2.6857 2.8497 0.0061 1.9729 1.9527 2.6857  Proposed RTSR- Connection  0.0060 0.0052 2.2443
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Embedded Distributor Service Classification  The purpose of this table is to update the re-aligned 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	Retail Transmission Rate - Network 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 (see Note 1) Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kWh \$/kW \$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh \$/kWh \$/kWh	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444 1.9245 2.6469 Adjusted RTSR- Connection 0.0058 0.0051 2.2003 2.4191	312,824,430 120,906,652 1,402,549 Loss Adjusted Billed kWh 312,824,430 120,906,652	0 1,206,516 184,428 0 1,032 10,553 29,483 Billed kW	2,148,561 731,265 3,193,585 517,986 8,483 2,007 20,310 78,040 Billed Amount 1,825,936 619,056 2,654,721 446,141	32.1% 10.9% 47.7% 7.7% 0.1% 0.0% 0.3% 1.2% Billed Amount % 32.4% 11.0% 47.19%	2,180,001 741,965 3,240,315 525,566 8,607 2,036 20,607 79,182  Forecast Wholesale Billing 1,862,468 631,442 2,707,835 455,067	Network  0.0070 0.0061 2.6857 2.8497 0.0061 1.9729 1.9527 2.6857  Proposed RTSR- Connection  0.0060 0.0052 2.2443 2.4675
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Embedded Distributor Service Classification  The purpose of this table is to update the re-aligned  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 Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network 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 (see Note 1) Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1) Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kW \$/kW \$/kWh \$/kW \$/kW \$/kW \$/kW \$/kWh \$/kWh \$/kWh \$/kWh	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444 1.9245 2.6469  Adjusted RTSR- Connection  0.0058 0.0051 2.2003 2.4191 0.0051	312,824,430 120,906,652 1,402,549 Loss Adjusted Billed kWh	0 1,206,516 184,428 0 1,032 10,553 29,483 Billed kW	2,148,561 731,265 3,193,585 517,986 8,483 2,007 20,310 78,040 Billed Amount 1,825,936 619,056 2,654,721 446,141 7,181	32.1% 10.9% 47.7% 7.7% 0.1% 0.0% 0.3% 1.2% Billed Amount % 32.4% 11.0% 47.1% 7.9% 0.1%	2,180,001 741,965 3,240,315 55,566 8,607 2,036 20,607 79,182  Forecast Wholesale Billing 1,862,468 631,442 2,707,835 455,067 7,325	Network  0.0070 0.0061 2.6857 2.8497 0.0061 1.9729 1.9527 2.6857  Proposed RTSR- Connection  0.0062 2.2443 2.4675 0.0052
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Embedded Distributor Service Classification  The purpose of this table is to update the re-aligned Rate Class  Residential Service Classification General Service Classification General Service Less Than 50 kW Service Classification General Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification	Retail Transmission Rate - Network 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 (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	\$/kWh \$/kW \$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh \$/kWh \$/kWW \$/kWh \$/kWh	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444 1.9245 2.6469   Adjusted RTSR- Connection 0.0058 0.0051 2.2003 2.4191 0.0051 1.6537	312,824,430 120,906,652 1,402,549 Loss Adjusted Billed kWh 312,824,430 120,906,652	0 1,206,516 184,428 0 1,032 10,553 29,483  Billed kW  0 0 1,206,516 184,428 0 1,032	2,148,561 731,265 3,193,585 517,986 8,483 2,007 20,310 78,040 Billed Amount 1,825,936 619,056 2,654,721 446,141 7,181 1,707	32.1% 10.9% 47.7% 7.7% 0.1% 0.0% 0.3% 1.2% Billed Amount % 32.4% 11.0% 47.1% 7.9% 0.1%	2,180,001 741,965 3,240,315 525,566 8,607 2,036 20,607 79,182  Forecast Wholesale Billing 1,862,468 631,442 2,707,835 455,067 7,325 1,741	Network  0.0070 0.0061 2.6857 2.8497 0.0061 1.9729 1.9527 2.6857  Proposed RTSR- Connection  0.0060 0.0052 2.2443 2.4675 0.0052 1.6868
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Embedded Distributor Service Classification  The purpose of this table is to update the re-aligned  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 Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network 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 (see Note 1) Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1) Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kW \$/kW \$/kWh \$/kW \$/kW \$/kW \$/kW \$/kWh \$/kWh \$/kWh \$/kWh	0.0069 0.0060 2.6469 2.8086 0.0060 1.9444 1.9245 2.6469  Adjusted RTSR- Connection  0.0058 0.0051 2.2003 2.4191 0.0051	312,824,430 120,906,652 1,402,549 Loss Adjusted Billed kWh 312,824,430 120,906,652	0 1,206,516 184,428 0 1,032 10,553 29,483 Billed kW	2,148,561 731,265 3,193,585 517,986 8,483 2,007 20,310 78,040 Billed Amount 1,825,936 619,056 2,654,721 446,141 7,181	32.1% 10.9% 47.7% 7.7% 0.1% 0.0% 0.3% 1.2% Billed Amount % 32.4% 11.0% 47.1% 7.9% 0.1%	2,180,001 741,965 3,240,315 55,566 8,607 2,036 20,607 79,182  Forecast Wholesale Billing 1,862,468 631,442 2,707,835 455,067 7,325	Network  0.0070 0.0061 2.6857 2.8497 0.0061 1.9729 1.9527 2.6857  Proposed RTSR- Connection  0.0062 2.2443 2.4675 0.0052

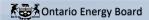


If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2018 values and will be updated by OEB staff at a later date.

Price Escalator	1.20%	Productivity Factor	0.00%
Choose Stretch Factor Group	II	Price Cap Index	1.05%
Associated Stretch Factor Value	0.15%		

	Current	MFC Adjustment	Current		Price Cap Index to be Applied to MFC		Proposed Volumetric
Rate Class	MFC	from R/C Model	Volumetric Charge	DVR Adjustment from R/C Model	and DVR	Proposed MFC	Charge
RESIDENTIAL SERVICE CLASSIFICATION	24.9				1.05%	25.16	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	31.26		0.0103		1.05%	31.59	0.0104
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	101.36		3.3573		1.05%	102.42	3.3926
LARGE USE SERVICE CLASSIFICATION	1546.8		2.3622		1.05%	1,563.04	2.3870
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	8.37		0.0015		1.05%	8.46	0.0015
SENTINEL LIGHTING SERVICE CLASSIFICATION	7.61		0.6819		1.05%	7.69	0.6891
STREET LIGHTING SERVICE CLASSIFICATION	1.16		0.9724		1.05%	1.17	0.9826
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	134.29				1.05%	135.70	0.0000
STANDBY POWER SERVICE CLASSIFICATION	0		2.3622		1.05%	0.00	2.3870
microFIT SERVICE CLASSIFICATION	5.4					5.4	

If applicable, Wheeling Service Rate 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**

Effective Date of Regulatory Charges		January 1, 2019	January 1, 2020
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.25	0.25

#### Time-of-Use RPP Prices

As of		May 1, 2019
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1340

#### Smart Meter Entity Charge (SME)

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

#### Miscellaneous Service Charges

the Distribution Rate Protection program):

Wileline Fole Attachment Charge		3-	illiation ractor	i roposcu charge
Specific charge for access to the power poles - per pole/year	\$	43.63	1.20%	44.15
Retail Service Charges		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00	1.20%	101.20
Monthly fixed charge, per retailer	\$	40.00	1.20%	40.48
Monthly variable charge, per customer, per retailer	\$/cust.	1.00	1.20%	1.01
Distributor-consolidated billing monthly charge, per customer,				

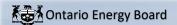
36.86

37,1	_	400.00	4 000/	101.00
agreement between the distributor and the retailer	\$	100.00	1.20%	101.20
Monthly fixed charge, per retailer	\$	40.00	1.20%	40.48
Monthly variable charge, per customer, per retailer	\$/cust.	1.00	1.20%	1.01
Distributor-consolidated billing monthly charge, per customer,				
per retailer	\$/cust.	0.60	1.20%	0.61
Retailer-consolidated billing monthly credit, per customer, per				
retailer	\$/cust.	(0.60)	1.20%	(0.61)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	\$	0.50	1.20%	0.51
Processing fee, per request, applied to the requesting party	\$	1.00	1.20%	1.01
Electronic Business Transaction (EBT) system, applied to the				
requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery				
costs)	\$	4.00	1.20%	4.05
Notice of switch letter charge, per letter	\$	2.00	1.20%	2.02

<sup>\*</sup> inflation factor subject to change pending OEB approved inflation rate effective in 2020

<sup>\*\*</sup> applicable only to LDCs in which the province-wide pole attachment charge applies

<sup>\*\*\*</sup> subject to change pending OEB order on miscellaneous service charges



In the Green Cells below, enter all proposed rate riders/rates. Please note that the following rates/charges are to be entered in the Final Tariff Schedule tab: Monthly Service Charge, Distribution Volumetric Rate and Retail Transmission Rates.

In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with "Rate Rider for".

In column B, choose the associated unit from the drop-down menu.

RESIDENTIAL SERVICE CLASSIFICATION

In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.

In column E, enter the expiry date (e.g. April 30, 2020) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).

In column G, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B). Sub-Total A refers to rates/rate riders that Not considered as pass through costs (eg: LRAMVA and ICM/ACM rate riders). Sub-Total B refers to rates/rate riders that are considered pass through costs.

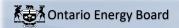
UNIT

RATE

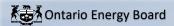
Sι

DATE (EG: April 30, 2020)

UNII	RAIL		DATE (EG: April 30, 2020)	
		checure unui		
UNIT	RATE		DATE (EG: April 30, 2020)	
		- effective until		
		- effective until		
		- effective until		
		- effective until		
UNIT	RATE		DATE (EG: April 30, 2020)	
		- effective until	• • • • • • • • • • • • • • • • • • • •	
		- effective until		
		- effective until		
		- effective until		
		- effective until		
		- effective until		
		- effective until		
		- effective until		
		- effective until		
		- effective until		
HNIT	RATE		DATE (EG: April 20, 2020)	
U.U.	10112	- effective until	DATE (EG. April 30, 2020)	
		- effective until		
		- effective until		
		- effective until		
		- effective until		
		- effective until		
UNIT	DATE		DATE (FO: A: "100 0000)	
UNII	RATE		DATE (EG: April 30, 2020)	
V		- effective until		
		- effective until		
	UNIT	UNIT RATE	- effective until	- effective until - effective



			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
SENTINEL LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
TREET LIGHTING SERVICE OF ASSISIOATION	LINIT	DATE		DATE (EQ. A. (100, 0000)	
TREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (EG: April 30, 2020)	
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	
			- effective until	( - p	
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (EG: April 30, 2020)	
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (EG: April 30, 2020)	
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	- effective until - effective until	DATE (EG: April 30, 2020)	
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	- effective until - effective until	DATE (EG: April 30, 2020)	
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	- effective until - effective until  - effective until - effective until	DATE (EG: April 30, 2020)	
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (EG: April 30, 2020)	
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (EG: April 30, 2020)	
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (EG: April 30, 2020)	
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (EG: April 30, 2020)	
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (EG: April 30, 2020)	
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (EG: April 30, 2020)	
			- effective until		
	UNIT	RATE	- effective until	DATE (EG: April 30, 2020)  DATE (EG: April 30, 2020)	
			- effective until		
			- effective until		
			- effective until		
STANDBY POWER SERVICE CLASSIFICATION  nicrofit Service Classification			- effective until		
			- effective until		



- effective until

- effective until

- effective until

- effective until



### **ATTACHMENT D**

# Entegrus-Main IESO Settlement Process



#### THE ENTEGRUS-MAIN DISTRIBUTION SYSTEM

Two of Entegrus-Main's service areas, the City of Chatham and the adjacent Bloomfield Business Park, are directly connected to the Hydro One Networks Inc. ("HONI") transmission system. The remaining service areas for the Entegrus-Main are embedded within HONI's distribution system. Accordingly, Entegrus settles with both the IESO and HONI (as its host distributor).

It should be noted that Entegrus is also a sub-host distributor to HONI at the Dresden Distribution Station ("Dresden DS"). HONI owns and operates the Dresden DS, which is located inside Entegrus-Main's service territory, and consultation with HONI in preparation for the Entegrus-Main 2016 COS Application (EB-2015-0061), confirmed that the Dresden point is virtually embedded to Entegrus-Main.

#### THE ENTEGRUS-MAIN IESO SETTLEMENT PROCESS

On a monthly basis, Entegrus-Main receives an invoice from the IESO, which provides an amount payable/receivable to/from the IESO to settle for the previous month. The settlement figures are communicated to the IESO via its online portal on, or before, the fourth business day of the month. This process ensures that the IESO and Entegrus-Main appropriately settle for various government-mandated rates/plans/programs.

Programs are categorized under specific charge types delineated on the IESO invoice, which arrives midmonth. The key charges types are summarized as follows:

- The Regulated Price Plan (RPP) charge type 1142
- Global Adjustment (GA) charge type 147 and 148
- Renewable Energy Standard Offer (RESOP) Program charge type 1410
- Feed-In-Tariff (FIT) Program charge type 1412
- Ontario Electricity Support Program (OESP) charge type 1420 & 1470



- Global Adjustment Modifier for Non-RPP Customers charge type 1143
- Ontario Rebate for Electricity Consumers charge type 9982

A further explanation of each component of this settlement process is provided below.

#### REGULATED PRICE PLAN SETTLEMENT AMOUNT

Entegrus-Main calculates and submits the difference between Regulated Price Plan ("RPP") rates applied to RPP customers and the sum of the corresponding customer consumption multiplied by the Weighted Average Purchase Price ("WAPP") and Global Adjustment ("GA") in the IESO Form (formerly 1598) each month.

The purchase data is sourced from Entegrus-Main's Advanced Metering Infrastructure ("AMI") software on Day 3 of the month. The AMI data tracks the appropriate kWh and associated pricing. The AMI software ensures the amounts reported tie to the necessary sources (i.e. both IESO and HONI meter data and pricing), and includes the particulars for all embedded generation within its service territory.

Entegrus-Main utilizes accrual accounting and estimates RPP customer consumption by applying the applicable prior year month's percentage of RPP consumption to the current month's kWh's purchased. Entegrus-Main then applies the current period RPP rates, estimated WAPP and Class B 1<sup>st</sup> GA rates to calculate the RPP Settlement Amount. The amount settled with the IESO is the difference between the sum of the WAPP and GA calculation minus the billed RPP commodity (at the applicable TOU or tier pricing.)

The following month, Entegrus-Main updates the above rates to the Actual WAPP and the Class B Actual GA rate and submits any variances to the IESO.

Upon the completion of all RPP customer billing cycles, stat reports are run from the Entegrus-Main Customer Information System ("CIS"), which provides detail for each rate/billing type (including different TOU periods or Tier 1 and 2 blocks). Entegrus-Main completes a reconciliation between estimated consumption and actual billed consumption. Any additional variances are identified and submitted to the IESO. Due to cycle billing, this reconciliation process typically happens within three months of the actual customer consumption.



Entegrus-Main maintains separate general ledger accounts to track the RPP settlement and GA settlement portions, which are both tracked in USoA 4705 account.

Entegrus-Main determines RPP eligibility for Residential and small business (General Service < 50 kW) customers by performing annual customer reclassification based on annual consumption.

Starting in 2016, Entegrus-Main commenced calculating the required December RPP / GA true-up 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. This removes the risk of estimation error at year end. This approach is consistent with the Board guidance contained in its letter dated May 23, 2017, prior to which Entegrus-Main had already commenced this practice.

#### INTERNAL CONTROL PROCESS

On a monthly basis, a reconciliation reporting package of all Deferral and Variance Accounts ("DVA") balances (including Accounts 1588 and 1589) is prepared by the Manager of Regulatory & Reporting. This reporting package splits out price variances, volumes variances and estimate versus actual variances, and provides the basis for a monthly meeting in which account level activity is reviewed by the CFO, VP of Regulatory & Human Resources, Director of Finance and other staff. On an annual basis, an external audit firm conducts an audit of the Entegrus financial statements, which is inclusive of all DVA balances.

#### THE GLOBAL ADJUSTMENT SETTLEMENT PROCESS

On a monthly basis, Entegrus-Main must settle with the IESO for GA. GA is applicable to all provincial customers who pay the Hourly Ontario Energy Price ("HOEP") or have signed a retail contract.

The GA varies from month to month and is applicable to two customer classes:

#### CLASS A CUSTOMERS

Class A customers were originally defined as customers with a peak demand of 5 MW or more.

However, on July 1, 2015 Class A eligibility was expanded under the Industrial Conservation Initiative



("ICI") to allow customers with a peak demand greater than 3 MW, but less than or equal to 5 MW, to opt into this category. Conversely, customers with a peak demand of 5 MW or more may opt into Class B. On July 1, 2017, consistent with the Fair Hydro Plan, the eligible peak demand for the ICI was reduced from 3MW to 1MW (and for smaller manufacturers and greenhouses with a peak demand between 500 kW and 1 MW).

The GA for Class A customers is based on their percentage contribution to the top five peak Ontario demand hours. Hence, the ICI is designed to encourage these users to shift their energy use away from system-wide peaks. The IESO monthly GA Class A charges are passed on directly to each Class A customer. Accordingly, Entegrus-Main Class A customers do not contribute to the creation of Account 1589 variances and are excluded from disposition calculation.

As of December 31, 2015, EPI had three Class A customers, billed on their top five peak Ontario demand hours as described above. This did not change throughout 2016 – the same three customers remained as Class A and no additional Class A customers were added. In 2017, driven by the Fair Hydro Plan change to the ICI threshold, Entegrus-Main added 17 additional Class A customers effective July 1, 2017. Effective July 1, 2018, Entegrus-Main reached 28 Class A customers.

Entegrus-Main's peak demand factor for the July 1, 2017 to June 30, 2018 was 0.00108408 and for July 1, 2018 to June 30, 2019 was 0.00137652.

#### CLASS B CUSTOMERS

Class B customers include: (a) customers with a peak demand below 1MW (or who have opted into this category) and (b) residential and business customers who have a retail contract for electricity.

For Class B customers, the IESO provides three variations of GA (1st Estimate, 2nd Estimate and Actual) which can be used by distributors to bill customers.

Entegrus-Main currently bills all Class B customers using the 1<sup>st</sup> Estimate Variation, including Residential, GS < 50kW, GS > 50kW-4,999 kW, Large Use, Unmetered Scattered Load, Sentinel Light and Street Light customers.

Entegrus-Main does not bill any Class B customers utilizing the 2<sup>nd</sup> Estimate or Actual GA rates.



#### RENEWABLE ENERGY STANDARD OFFER PROGRAM (RESOP) SETTLEMENT AMOUNT

Entegrus-Main has one customer under the RESOP program. Each month, the associated general ledger activity is used to determine the actual credit amounts remitted during the month to the RESOP customer. Thereafter, the RESOP credit, minus HOEP, is settled with the IESO.

#### FEED-IN-TARIFF PROGRAM SETTLEMENT AMOUNT

Entegrus-Main maintains general ledger accounts that track the amount credited to FIT or microFIT customers at the applicable contract price during the month, as well as a separate account that tracks the value of the electricity commodity which has flowed into Entegrus-Main's distribution system from FIT and microFIT generators (found by multiplying the corresponding kWh generated by HOEP for the applicable billing period).

Entegrus-Main settles with the IESO for the difference between the credits issued to customers and the value of the electricity commodity which has been generated and sold within Entegrus-Main's distribution system.

#### ONTARIO ELECTRICITY SUPPORT PROGRAM ("OESP")

Entegrus-Main determines the value of OESP credits applied to qualified low-income customer accounts based on the corresponding general ledger activity during the month. This general ledger activity is generated from the CIS system, based on stat codes which are mapped to the appropriate general ledger accounts for each OESP Class or tariff code, as well as adjustments. The IESO compensates Entegrus-Main for its OESP credits issued under IESO charge type 1420.

#### GLOBAL ADJUSTMENT MODIFIER

Entegrus-Main determines the value of the GA Modifier to qualified accounts from the corresponding general ledger activity during the month. This general ledger activity is generated from the CIS system, based on stat codes which are mapped to the GA Modifier general ledger account, and which is reconciled on a quarterly basis. The IESO compensates Entegrus-Main for its GA Modifier credits issues under IESO charge type 1143.



ONTARIO REBATE FOR ELECTRICITY CONSUMERS

Entegrus-Main determines the value of the Ontario Rebate for Electricity Consumers ("OREC") to qualified accounts from the corresponding general ledger activity during the month. This general ledger activity is generated from the CIS system, based on stat codes which are mapped to the OREC general ledger, and which is reconciled on a quarterly basis. The IESO compensates Entegrus-Main for its OREC amounts issued under IESO charge type 9982.

THE HOST DISTRIBUTOR SETTLEMENT PROCESS

As noted above, certain points within Entegrus-Main's distribution system are embedded within the HONI distribution system.

For these points, Entegrus-Main receives a monthly invoice from HONI for the associated charges (including commodity, global adjustment, rate riders, retail transmission charges, etc.).

Entegrus-Main processes and pays these invoices on a monthly basis, recording the associated charges in the appropriate general ledger accounts as prescribed by the Accounting Procedures Handbook.



### **ATTACHMENT E**

Entegrus-Main GA Analysis Workform & Appendix A, Version 1.9



### **GA Analysis Workform**

Version 1.9

#### Account 1589 Global Adjustment (GA) Analysis Workform

Input cells

Note 1

•

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

		Net Change in Principal			•	usted Net Change in		nresolved	\$ Con	nsumption at	Unresolved Difference as % of Expected GA
Year	Annual Net Change in Expected GA Balance from GA Analysis	Balance in the GL	Red	conciling Items		GL	D	Difference	Actu	al Rate Paid	Payments to IESO
2018	\$ (339,075)	\$ (474,567)	\$	214,025	\$	(260,542)	\$	78,533	\$	27,459,941	0.3%
Cumulative Balance	\$ (339,075)	\$ (474,567)	\$	214,025	\$	(260,542)	\$	78,533	\$	27,459,941	N/A



### **GA Analysis Workform**

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

Year		2018		
Total Metered excluding WMP	C = A+B	924,046,524	kWh	100%
RPP	A	409,807,349	kWh	44.3%
Non RPP	B = D+E	514,239,175	kWh	55.7%
Non-RPP Class A	D	221,456,235	kWh	24.0%
Non-RPP Class B*	E	292,782,940	kWh	31.7%

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

Please confirm that the above RRR data is accurate Confirmed

**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

2018

#### Analysis of Expected GA Amount

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	31,396,112	33,355,638	27,961,095	26,001,569	0.08777	\$ 2,282,158	0.06736	\$ 1,751,466	\$ (530,692)
February	28,323,243	27,961,095	22,666,775	23,028,923	0.07333	\$ 1,688,711	0.08167	\$ 1,880,772	\$ 192,061
March	23,788,324	22,666,775	24,566,205	25,687,753	0.07877	\$ 2,023,424	0.09481	\$ 2,435,456	\$ 412,032
April	25,182,537	24,566,205	23,561,893	24,178,225	0.09810	\$ 2,371,884	0.09959	\$ 2,407,909	\$ 36,026
May	20,824,854	23,561,893	29,131,972	26,394,933	0.09392	\$ 2,479,012	0.10793	\$ 2,848,805	\$ 369,793
June	29,368,128	29,131,972	27,061,021	27,297,177	0.13336	\$ 3,640,351	0.11896	\$ 3,247,272	\$ (393,079)
July	23,377,860	27,061,021	30,584,328	26,901,167	0.08502	\$ 2,287,137	0.07737	\$ 2,081,343	\$ (205,794)
August	27,140,178	30,584,328	30,790,688	27,346,538	0.07790	\$ 2,130,295	0.07490	\$ 2,048,256	\$ (82,040)
September	31,617,746	30,790,688	24,127,669	24,954,728	0.08424	\$ 2,102,186	0.08584	\$ 2,142,114	\$ 39,928
October	24,848,462	24,127,669	22,780,243	23,501,036	0.08921	\$ 2,096,527	0.12059	\$ 2,833,990	\$ 737,463
November	23,136,175	22,780,243	21,821,251	22,177,183	0.12235	\$ 2,713,378	0.09855	\$ 2,185,561	\$ (527,817)
December	22,518,919	21,821,251	20,871,701	21,569,369	0.09198	\$ 1,983,951	0.07404	\$ 1,596,996	\$ (386,954)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	311,522,537	318,408,776	305,924,839	299,038,600		\$ 27,799,015		\$ 27,459,941	\$ (339,075)

Calculated Loss Factor 1.0214

#### Note 5 Reconciling Items

Item	Amount	Explanation	Principal Adjustme			
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ (474,567)		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation	\$ Prince Adjustment	nt on DVA
True-up of GA Charges based on Actual Non-RPP Volumes -	, , ,					
1a prior year	\$ 132,775	Reversal from 2017 GA Analysis Workform.	Yes		\$	132,775
True-up of GA Charges based on Actual Non-RPP Volumes - 1b current year	\$ (25,352)	2018 Non-RPP volume true up recorded in the 2019 general ledger. These amount had not been accrued for in 2018.	Yes		\$	(25,352)
2a Remove prior year end unbilled to actual revenue differences	\$ 83,112	Reversal from 2017 GA Analysis Workform.	Yes		\$	83,112
2b Add current year end unbilled to actual revenue differences	\$ 4,658	2018 Non-RPP unbilled true up recorded in the 2019 general ledger. These amounts had not been accrued for in 2018.	Yes		\$	4,658
Remove difference between prior year accrual/forecast to 3a actual from long term load transfers	\$ 18,832	Reversal from 2017 GA Analysis Workform.	Yes		\$	18,832
Add difference between current year accrual/forecast to actual 3b from long term load transfers	\$ -	Not applicable. Entegrus elminated all long term load transfers effective October 2017.				
4 Remove GA balances pertaining to Class A customers	\$ -	Not applicable. All Class A amount are handled seperately from this account and do not generate any variances.				
Significant prior period billing adjustments recorded in current 5 year	\$ -	During 2018, Entegrus did not make any significant prior period billing adjustments.				
Differences in GA IESO posted rate and rate charged on 6 IESO invoice	\$ -	During 2018, Entegrus did not experience any significiant price variances.				
7 Differences in actual system losses and billed TLFs	\$ -					
Others as justified by distributor						
10					_	

Note 6	Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per	\$ (260,542)
	Analysis	\$ (339,075)
	Unresolved Difference	\$ 78,533
	Unresolved Difference as % of Expected GA Payments to	
	IESO	0.3%

Entegrus-Main\_GAWorkform\_20190812 v2



#### GA ANALYSIS WORKFORM, APPENDIX A, QUESTIONNAIRE

1) Please see completed chart below.

Line No.	Description	Principal Adjustment	Was the amount a "Principal Adjustment" in previous year? (Y/N)
	Balance December 31, 2018	\$738,697	
	Reversals of Pricinipal Adjustments - previous year		
1	Reversal of Cost of Power accrual from previous year	\$0	
2	Reversal of CT 1142 true-up from the previous year	\$0	
3	Unbilled to billed adjustment for previous year	\$0	
4	Reversal of RPP vs. Non-RPP allocation	\$14,458	Υ
	Subtotal Reversals from Previous Year (A)	\$14,458	
	Principal Adjustments - current year		
5	Cost of power accrual for 2018 vs Actual IESO bill	\$0	
6	True up of CT1142 for 2018 consumption recorded in 2019	\$19,696	N
7	Unbilled accrued vs billed for 2018 consumption	\$0	
8	True up of RPP vs. Non-RPP allocation of CT148	\$0	
9	Other	\$0	
	Subtotal Principal Adjustments for 2018 consumption (B)	\$19,696	
	Total Principal Adjustments shown for 2018 (A+B)	\$34,154	
	Balance for Disposition - 1588	Ć772 0F1	<u> </u>
	(should match Total Claim column on DVA Continuity)	\$772,851	

2) Entegrus-Main uses option (b) for the booking of Charge Type ("CT") 1142 and CT 148.

#### 3) Regarding CT 1142:

- a. Please see Entegrus' Application dated August 12, 2019, Attachment D, Section "Regulated Price Plan Settlement Amount".
- b. Please see Entegrus' Application dated August 12, 2019, Attachment D, Section "Regulated Price Plan Settlement Amount".
- c. Entegrus-Main has trued up CT 1142 for 2018.
- d. November & December 2018 were materially trued up in 2019. The adjustments were booked into the 2018 general ledger prior to the close of the financial statements.
- e. As described in 3(d) above, all 2018 related material true-ups were appropriately reflected in the year-end general ledger. Accordingly, only minimal adjustments were required in Entegrus-Main's DVA Continuity Schedule for this item.

#### 4) Regarding CT 148:

- a. Entegrus-Main records the full amount of CT 148 to Account 1589.
- b. Upon the reconciliation and posting of CT 1142, Entegrus-Main records an entry to move the GA balances related to RPP customers from Account 1589 to Account 1588. This ensures that the balance recorded in Account 1589 only relates to Non-RPP customers.
- c. Entegrus-Main uses non-RPP kWh volume data directly from the IESO and Hydro One invoices. This kWh data is verified against our meter data and ultimately multiplied by the Actual GA rate.
- d. Upon reconciliation and posting of CT 1142, Entegrus-Main trues up Accounts 1588 and 1589 based on actual RPP & Non-RPP consumption.
- e. December 2018 was trued up in 2019. However, the adjustments were booked into the 2018 general ledger prior to the close of the financial statements.



- f. As described in 3(e) above, all 2018 related material true-up was appropriately reflected in the year-end general ledger. Accordingly, no additional material adjustments were required in Entegrus-Main's DVA Continuity Schedule for this item.
- 5) DVA Continuity Schedule Adjustments:
  - a. Yes, Entegrus-Main had three reversing adjustments from its 2019 IRM for a total debit of \$234,719.
  - b. The adjustments approved as part of the 2019 IRM and reversed in the 2020 are as follows:
    - i. Line 1a: True up of GA Charges based on Actual Non-RPP Volumes of \$132,775 (1589 only)
    - ii. Line 2a: Unbilled to Actual Revenue credit of \$83,112 (1589 only)
    - iii. Line 3a: Long Term Load Transfer debit of \$18,832 (1589 only)
  - c. Yes, these adjustments were appropriately reversed in the current amounts proposed for disposition.
  - d. Confirmed.



### **ATTACHMENT F**

Entegrus-Main Account 1595 Workform, Version 1.0

124	Ontario	Energy	Boar
-----	---------	--------	------

### 1595 Analysis Workform

Version 1.0

Input cells Drop down cells		
Utility Name	Entegrus Powerlines IncFor Entegrus-Main Rate Zone	Utility name must be selected
	_	
Please select "yes" for the 1595 Rate Years being Requested for	2012	
Disposition	2013	
	2014	
	2015	
	2016	
	2017	Voc

#### 1595 Analysis Workform

Step	

Components of the 1595 Account Balances:		Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment		-\$732,980	-\$33,689	-\$766,670	-\$806,683	\$40,013	-\$3,983	\$36,030	-5.2%
Account 1589 - Global Adjustment		-\$585,729			-\$458,056	-\$146,843	-\$5,625	-\$152,468	24.3%
Total Group 1 and Group 2 Balances		-\$1,318,709	-\$52,859	-\$1,371,569	-\$1,264,739		-\$9,609	-\$116,438	7.8%
Total residual balance per continuity schedule:									
						Difference (any var	ance should be explained):	\$116,438	

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

Select Rate Rider(s) Applicable for 1595 Recovery Period by indicating "Yes" in column 6
Rate Rider- Group 1 DVA Accounts (Excluding Global Adjustment) - Non-WMP
Rate Rider- Group 1 DVA Accounts (Excluding Global Adjustment) - Non-WMP

Rate Rider - RSVA - Global Adjustment

Rate Rider - RSVA - Group 2 Accounts (If a separate Group 2 rate rider was created)

Step 3

RATE RIDER - RSVA - GLOBAL ADJUSTMENT Rate Rider Recovery Period (Months)

12

Rate Class	Unit	Allocated Balance to Rate Class as Approved by OEB	Denominator Used in Rider Calculation as Approved by OEB (annualized)	Calculated Rate Rider as Approved by OEB	Projected Consumption over Recovery Period	Billed Consumption (kWh/kW) that the rider was applied against**	Forecasted versus billed Consumption Variance (kWh/kW)	Calculated Variance (\$)	Calculated Variance (%)
RESIDENTIAL SERVICE CLASSIFICATION		(\$30,046)	22,660,288	(\$0.0013)	22,660,288	12,936,165	9,724,124	(\$12,641)	42.1%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		(\$24,193)	18,245,892	(\$0.0013)	18,245,892	21,927,692	-3,681,800	\$4,786	-19.8%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION		(\$492,515)	371,446,037	(\$0.0013)	371,446,037	276,765,215	94,680,823	(\$123,085)	25.0%
LARGE USE SERVICE CLASSIFICATION		\$0	0		0		0		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		\$0	0		0		0		
SENTINEL LIGHTING SERVICE CLASSIFICATION		(\$9)	6,486	(\$0.0013)	6,486	142,099	-135,612	\$176	-2049.8%
STREET LIGHTING SERVICE CLASSIFICATION		(\$9,852)	7,429,834	(\$0.0013)	7,429,834	3,621,249	3,808,585	(\$4,951)	50.3%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION		(\$5,692)	4,293,007	(\$0.0013)	4,293,007	3,012,720	1,280,287	(\$1,664)	29.2%
STANDBY POWER SERVICE CLASSIFICATION									
microFIT SERVICE CLASSIFICATION									
TOTAL		(\$562,306)						(\$137,379)	24.4%

<sup>\*\*</sup>Data for billed consumption should not be materially different from data submitted in RRR 2.1.5.4 filings. Please refer to RRR 2.1.5.4 filings to ensure billed consumption data is reasonably accurate.

#### SUMMARY

Total Calculated Account Balance

Total Account Residual Balance per Step 1 above Unreconciled Differences\*\*\*

#### **Additional Notes and Comments**

The unreconciled Differences reflected in Cell J240 above relate to the following

A) Outstanding Balance of Group One Dispostion contained in Cell H13 of \$40,013

B) Price variance due to rounding of GA rate rider of -\$9,464 (Original IRM model calculation was -\$0.001325939, rounded on tariff and in above calculation as -\$0.0013)

There may be differences due to unbilled revenue accruals, recovery period dates, or other factors. However, any substantial deviations between billed consumption that the rider was applied against and billed consumption reported in RRR can be an indicator of rider misallocations or errors in the data used in the workform.

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



### **ATTACHMENT G**

LRAMVA Report, Prepared by IndEco Strategic Consulting

# Entegrus Powerlines Inc. Lost revenue related to Conservation and Demand Management

2017

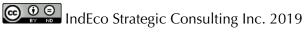


This document was prepared for Entegrus Powerlines Inc. by IndEco Strategic Consulting Inc.

For additional information about this document, please contact:

IndEco Strategic Consulting Inc. 180 John Street Toronto, ON, Canada M5T 1X5

Tel: 416 532-4333 E-mail: info@indeco.com



© 2019 IndEco Strategic Consulting Inc. Entegrus Powerlines Inc. 2017 LRAMVA is licensed under a Creative Commons Attribution-NoDerivatives 4.0 International License: http://creativecommons.org/licenses/by-nd/4.0.

IndEco report B9167

12 August 2019

### **Table of Contents**

Introduction	4
Methodology	6
CDM results	6
Distribution rates	8
Carrying Charges	8
Results	9
CDM results	
Distribution rates	12
Lost revenues	12
Carrying charges	12
Conclusions	13

#### Introduction

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

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

On April 1, 2018, Entegrus Powerlines Inc. merged with St. Thomas Energy Inc. and continued to operate under the Entegrus name. The rate zones of the two utilities, hereinafter referred to as Entegrus-Main (for the original Entegrus Powerlines rate zone), and Entegrus-St. Thomas (for what was the service area of St. Thomas Energy Inc.), have different rate structures and therefore LRAMVA is calculated separately for each rate class and for each rate zone.

Entegrus Powerlines Inc. and the former St. Thomas Energy Inc. contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator – IESO) to offer a suite of CDM programs to customers for the 2011-2014 period and subsequently with the IESO for the 2015-2020 period.

LRAM or LRAMVA for both Entegrus-Main and Entegrus-St. Thomas has already been claimed for results through 2016, but not for subsequent years.

Entegrus is required to use "the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation." The final 2014 annual verified results report available from the IESO includes final results and adjustments for 2013, and results for 2014.

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

<sup>&</sup>lt;sup>1</sup> Guidelines for Electricity Distributor Conservation and Demand Management. Ontario Energy Board. April 26, 2012 (EB-2012-0003).

<sup>&</sup>lt;sup>2</sup> Filing Requirements for Electricity Distribution Rate Applications - 2016 Edition for 2017 Rate Applications - Chapter 2 - Cost of Service, Ontario Energy Board. July 14, 2016.

provided separate reports for Entegrus-Main and Entegrus-St. Thomas rate zones.

Normally, the IESO releases adjustments to previous year values with each annual report. Due to direction from the Province, IESO announced that it would not be providing an annual verified report for 2018. On July 15, 2019, the OEB released a document *Addendum to Filing Requirements for Electricity Distribution Rate Applications: 2020 Rate Applications* which instructs LDCs to base savings subsequent to the 2017 final verified report on the IESO Participation and Cost Reports. These are used to determine the 2017 True-up values.

Entegrus already submitted claims for lost revenues from CDM programs and persistence through 2016 in both the Main and St. Thomas rate zones in its 2019 IRM (EB-2018-0024). Entegrus-Main did a Cost of Service (COS) application in 2016 (EB-2015-0061), and Entegrus-St. Thomas did a COS in 2015 (EB-2014-0113).

Entegrus wishes to claim lost revenue from CDM results and persistence in 2017 in Entegrus' 2020 rate case (EB-2019-0030).

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

- Lost revenues in 2017 related to programs offered in 2013 in Entegrus-St. Thomas,
- Lost revenues in 2017 related to programs offered in 2014 in both rate zones,
- Lost revenues in 2017 related to programs offered in 2015 in both rate zones,
- Lost revenues in 2017 related to programs offered in 2016 in both rate zones, and
- Lost revenues in 2017 related to programs offered in 2017 in both rate zones.

Carrying charges are calculated until December 31, 2019 for Entegrus-St Thomas and until April 30, 2020 for Entegrus-Main.

#### Methodology

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

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

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

#### **CDM RESULTS**

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

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

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

With the cessation of annual reporting in March 2019, the best available data on savings realized since the release of the 2017 Final Verified Savings Report are from the IESO April 2019 Participation and Cost Report.

The savings and demand reductions for a particular year for most energy conservation measures persist into following years.<sup>3</sup> The 2017 reports from the IESO include persistence for 2015 and 2016 programs.

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

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

<sup>&</sup>lt;sup>3</sup> The savings and demand reductions for demand response programs do not persist beyond the year in which those particular savings and demand reductions occur.

#### Allocating results to rate classes

The IESO reports results by 'program'. These programs only partially map onto rate classes. For initiatives that apply to more than one rate class, Entegrus staff estimated the split by rate class, drawing on project-specific information where available.

#### Allocating results to rate zones

In the IESO 2018 and 2019 Participation and Cost reports, the IESO reported savings for Entegrus as a whole, including both Entegrus-Main and Entegrus-St. Thomas. The adjustments to 2017 were allocated to rate zones where project specific information was available. In the case of residential programs, savings were allocated on the basis of metered residential sales in 2017 as reported in the OEB Electricity Distributor's Yearbook. At the level of two significant digits, this allocation is the same for 2017 verified residential results reported in the 2017 annual reports for Entegrus and the former STEI.

#### Application of reported results

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

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

**ENTEGRUS POWERLINES INC. 2017 LRAMVA** 

<sup>&</sup>lt;sup>4</sup> The exception is street lighting retrofit projects. Street lighting is billed by kW, but street lighting retrofit projects have no peak demand reductions associated with conservation measures. A special calculation is done for these, as described below.

<sup>&</sup>lt;sup>5</sup> Ontario Energy Board, Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs, EB-2016-0182, May 19, 2016, p. 4.

<sup>&</sup>lt;sup>6</sup> Ibid. p. 7.

#### Load reductions accounted for in the load forecast

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

#### Overall impact of CDM on load, by rate class

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

#### **DISTRIBUTION RATES**

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

In 2017, distribution rates for Entegrus were set for the calendar year, consistent with the way that CDM results are reported.

#### CARRYING CHARGES

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

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

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

#### Results

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

#### CDM RESULTS

#### **IESO** evaluation results

The most recent and appropriate final CDM evaluation reports from the IESO were used in support of the lost revenue calculations for all savings except 2017 adjustments. The most recent IESO Participation and Cost report was used to determine savings for 2017 adjustments.

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

#### Street lighting projects

As described in Entegrus' previous LRAMVA disposition application, in 2014, 2015 and 2016, municipalities in the Entegrus-Main rate zone undertook projects under the Retrofit Program to retrofit street lights to a more energy efficient light emitting diode (LED) technology. An additional project was undertaken in the St. Thomas rate zone in 2016. These projects persisted into 2017, and additional fixtures were upgraded in 2017.

The IESO has included the calculated kilowatt hours (kWh) of energy savings from Entegrus' 2014, 2015, 2016 and 2017 street lighting project results. In 2014, these project specific values were provided by the IESO as gross savings and the "net to gross" (NTG) ratio for Entegrus' Retrofit program was used to calculate the net savings. In 2015 - 2017, IESO provided both gross and net savings, and the net-togross adjustment.

Street lighting accounts are billed based on kilowatts (kW) of demand. Entegrus reduced the kilowatts of demand it billed municipalities for street lighting between December 2014 and June 2017 as the projects were implemented. Details are shown on Tab 8 of the LRAMVA work form. The kW reductions are calculated based on associated bills that were adjusted by these amounts. A net-to-gross adjustment is applied to the bill reductions reported. The calculated net demand reduction of the street light retrofit projects from December 2014 to December 2017 is shown on Tab 8 of the LRAMVA work form.

The street lighting upgrade projects were undertaken as part of the Retrofit program, and energy savings were reported within results for that program. Because street lighting is not used during peak periods,

IESO does not normally report peak demand savings from street lighting projects. As the street lighting rate class is billed by kW, the calculated net kWh savings from the Retrofit LED upgrade projects do not impact Entegrus' revenue. Thus, the calculated kWh of savings have been manually removed from the 2014 - 2017 Retrofit program results each year. The actual lost revenue from the street lighting retrofit project has been calculated directly by multiplying the reduction in the demand billed by the appropriate rate.

In 2017, IESO's project detail report did show a peak demand reduction adjustment for 2016, and for a project completed in Entegrus-Main in 2017. Consistent with the removal of kWh associated with these projects, the reported kW savings were also removed.

There is persistence from the 2014 to 2016 projects as follows:

- 2014 project in Parkhill in the Entegrus-Main rate zone: 252 kW
- 2015 project in Strathroy and Mount Brydges in the Entegrus-Main rate zone: 1,565 kW
- 2016 project in St. Thomas in the Entegrus-St. Thomas rate zone: 2,083 kW
- 2016 project in Chatham-Kent in the Entegrus-Main rate zone: 7,503 kW

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

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

As discussed, the associated energy savings for street lighting projects under the Retrofit program have been removed from the energy savings associated with this program so as not to double count savings. Where IESO reported demand savings for street light projects, these have also been removed to avoid double counting.

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

#### Allocating results to rate classes

Entegrus provided information on the allocation of results to rate classes. In most cases, the allocation is straightforward. Only the Retrofit, Small Business Lighting, and Efficiency Equipment Replacement programs had customers in more than one rate class. Other programs affected only one rate class.

Entegrus bills customers in different rate classes using different volumetric units, either kilowatt-hours (kWh), or customer peak

monthly kilowatts (kW). In 2017 rates also varied by rate zone. The rate classes (and billing units for which LRAMVA is applicable) for Entegrus are:

- Main Residential (kWh)
- Main GS < 50 kW (kWh)
- Main GS 50 to 4,999 kW (kW)
- Main Large Use (kW)
- Main Street lighting (kW)
- St. Thomas Residential (kWh)
- St. Thomas GS <50 kW (kWh)
- St. Thomas GS 50 to 4,999 kW (kW)
- St. Thomas Street lighting (kW)

Table 5c of the LRAMVA work form shows the percentage allocation by rate class for 2017 results. In each year the rate class allocation percentage totals for each program may not add up to 100% where there were projects in multiple rate classes that use different volumetric units for billing. In those cases, individual projects were reviewed and the share of total kWh for projects was calculated for rate classes billed by kWh, and the share of total kW for projects was calculated for rate classes billed by kW.

### Load reductions accounted for in the load forecast

The most recent cost of service applications were filed for the 2015 rate year for the former St. Thomas (EB-2014-0113) and for the 2016 rate year for Entegrus-Main (EB-2015-0061). The load forecasts associated with those applications implicitly accounted for load losses from 2011 – 2013 and 2011-2014 CDM programs for Entegrus-St. Thomas and Entegrus-Main, respectively through the use of actual load data in the analysis. Load losses from programs not implicitly accounted for in load forecast and later were included through the manual adjustment to the load forecasts. Table 2b of the LRAMVA work form shows the estimates of load reductions, by rate class that were included at the time of the load forecasts based on estimated reductions from programs in 2013 for Entegrus-St. Thomas and 2014 to 2016 for both Entegrus-Main and Entegrus-St. Thomas.

## Overall impact of CDM on load, by rate class

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

The bottom of Table 5c of the LRAMVA work form shows the overall impact of CDM on load by rate class for 2017, including persistence from programs in previous years that have not already been captured in the load forecasts.

## **DISTRIBUTION RATES**

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for Entegrus are shown in Table 3 on Tab 3 of the LRAMVA work form. For both service territories, the 2017 rate year was based on the calendar year. Table 3a of the LRAMVA work form shows the rates used for calculating the 2017 LRAMVA.

## **LOST REVENUES**

The lost revenues for 2017 by rate class for Entegrus calculated from final CDM program results are shown in Table 1 of the LRAMVA work form. The lost revenue is based on the load impact for each rate class multiplied by the rate for that rate class. The load impact includes the impact of CDM programs in 2017 and the persistence of the CDM program impact from 2014-2016 in 2017 for Entegrus-Main, and for persistence of the CDM program impact from 2013-2016 in 2017 for Entegrus-St. Thomas.

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

# CARRYING CHARGES

The monthly carrying charges by rate class on Entegrus' lost revenue variance are shown in Tables 6 of the LRAMVA work form. The carrying charges are reported monthly, from the time the lost revenues resulted, through to December 31, 2019 for Entegrus-St. Thomas and through April 30, 2020 for Entegrus-Main.

Carrying charges are calculated using the rates specified by the Ontario Energy Board through the third quarter of 2019. Rates from October 2019 through April 2020 are assumed to be the same as those for Q3 of 2019.

# **Conclusions**

The LRAMVA balance at the end of December 2017, with carrying charges to December 31, 2019 and April 30, 2020 for Entegrus-St. Thomas and Entegrus-Main respectively is \$335,435. The breakdown by rate zone and rate class follows.

The balance for Entegrus-Main that includes results from 2017 CDM programs and the persistence of 2014-2016 programs in 2017 is \$251,373. This includes carrying charges on the principal LRAMVA balance accumulated to April 30, 2020 of \$12,933.

The LRAMVA balance at the end of December 2017 for Entegrus-St. Thomas that includes results from 2017 CDM programs and the persistence of 2013, 2014, 2015 and 2016 programs in 2017 is \$84,062. This includes carrying charges on the principal LRAMVA balance accumulated to December 31, 2019 of \$3,772.

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

Customer class	Principal (\$)	Carrying charges (\$)	Total LRAMVA claim (\$)
Main - Residential	70,935.73	3,847.67	74,783.40
Main - GS<50 kW	21,965.01	1,191.42	23,156.43
Main - GS 50 to 4,999 kW	134,149.71	7,276.50	141,426.21
Main - Large use	2,127.95	115.42	2,243.38
Main - Streetlighting	9,261.06	502.34	9,763.40
Main - Subtotal	238,439.46	12,933.35	251,372.82
STEI - Residential	37,974.68	1,783.86	39,758.54
STEI - GS<50 kW	16,958.46	796.62	17,755.08
STEI - GS 50 to 4,999 kW	25,286.32	1,187.82	26,474.14
STEI - Streetlighting	70.69	3.32	74.01
Customer class       Principal (\$)       Carrying charges (\$)         Main - Residential       70,935.73       3,847.67       74,78         Main - GS < 50 kW	84,061.78		
Total	ain - Residential       70,935.73       3,847.67       74,78         ain - GS<50 kW	335,434.60	



# **ATTACHMENT H**

LRAMVA Workform, Version 4.0

# LRAMVA Work Form: Summary Tab

Version 4.0 (2020)

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

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application
Previous LRAMVA Application (EB#)
Application of Previous LRAMVA Claim
Period of LRAMVA Claimed in Previous Application
Amount of LRAMVA Claimed in Previous Application

EB-2018-0024
2019 IRM application
2016
\$ 206,215.00

B. Current LRAMVA Application
Current LRAMVA Application (EB#)
Application of Current LRAMVA Claim
Period of New LRAMVA in this Application
Period of Rate Recovery (# years)

Actual Lost Revenues (\$) A \$ 480,595
Forecast Lost Revenues (\$) B \$ 161,865
Carrying Charges (\$) C \$ 16,705
LRAMVA (\$) for Account 1568 A-8+C \$ 335,435

EB-2019-0030

2020 IRM

2017

C. Documentation of Changes
Original Amount

Amount for Final Disposition

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying chappes amounts as determined on a rate class basis from Table 1-b between

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 (\$)
Main - Residential	kWh	\$70,936	\$3,848	\$74,783
Main - GS<50 kW	kWh	\$21,965	\$1,191	\$23,156
Main - GS 50 to 4,999 kW	kW	\$134,150	\$7,277	\$141,426
Main - Large Use	kW	\$2,128	\$115	\$2,243
Main - Streetlighting	kW	\$9,261	\$502	\$9,763
STEI - Residential	kWh	\$37,975	\$1,784	\$39,759
STEI - GS<50 kW	kWh	\$16,958	\$797	\$17,755
STEI - GS 50 to 4,999 kW	kW	\$25,286	\$1,188	\$26,474
STEI - Streetlighting	kW	\$71	\$3	\$74
STEI- Unmetered Scattered Load	kWh	\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
\$0 \$0	\$0			
Total		\$318,730	\$16,705	\$335,435

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

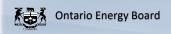
In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including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

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

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

Description	LRAMVA Previously Claimed	Main - Residential	Main - GS<50 kW	Main - GS 50 to 4,999 kW	Main - Large Use	Main - Streetlighting	STEI - Residential	STEI - GS<50 kW	STEI - GS 50 to 4,999 kW	STET - Streetlighting	STEI- Unmetered Scattered Load					Total
		kWh	kWh	kW	kW	kW	kWh	kWh	kW	kW	kWh	0	0	0	0	
2011 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2013 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2014 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2015 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2016 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2017 Actuals		\$87,352.66	\$65,989.17	\$192,607.05	\$2,625.60	\$11,642.77	\$52,995.43	\$26,614.68	\$40,692.35	\$75.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$480,594.91
2017 Forecast	•	(\$16,416.93)	(\$44,024.16)	(\$58,457.34)	(\$497.65)	(\$2,381.71)	(\$15,020.74)	(\$9,656.22)	(\$15,406.03)	(\$4.51)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$161,865.29)
Amount Cleared																
2018 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
Carrying Charges		\$3,847.67	\$1,191.42	\$7,276.50	\$115.42	\$502.34	\$1,783.86	\$796.62	\$1,187.82	\$3.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,704.98
Total LRAMVA Balance		\$74,783	\$23,156	\$141,426	\$2,243	\$9,763	\$39,759	\$17,755	\$26,474	\$74	\$0	\$0	\$0	\$0	\$0	\$335,435

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



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

Version 4.0 (2020)

Legend User Inputs (Green)

Drop Down List (Blue)

Instructions (Grey)

#### Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	3. Distribution Rates	C124:O129	Rates set to zero	2011-2016 LRAM/LRAMVA already claimed
2	3. Distribution Rates	L15, H130:L130	Special treatment for Entegrus-St. Thomas rate calculations	Entegrus-St Thomas rate year is by calendar year
3	4. 2011-2014 LRAM	AC568,AC572:AC575	Street light savings from 2014 calculated separately, as shown on Tab 8	
			Streetlight kWh savings shown on Tab 8 are excluded from totals for the Retrofit	
4	4. 2011-2014 LRAM	Row 445	program	Streetlight savings are calculated separately
5	5. 2015-2020 LRAM	AC263, AC276:AC280; AC472	Street light savings and persistence from Tab 8	
6	5. 2015-2020 LRAM	D73,073	IESO reported savings in 2015 divided by four	Facility only operated for 3 months in 2015, persistence will be for 12 months
			Sorted programs according to IESO 2017 final verified results report, hid some rows	
7	5. 2015-2020 LRAM	Entire tab	with zero values	Simplifies comparison with source document
8	5. 2015-2020 LRAM	P73:Y73	Removed CHP project in 2016 onward	Because of way standby rate was changed in 2016 rate case, there is no revenue lost
			Streetlight kWh savings shown on Tab 8 are excluded from totals for the Retrofit	
9	5. 2015-2020 LRAM	Rows 59,374,376,468,683	program	Streetlight savings are calculated separately
10	5. 2015-2020 LRAM	Y567, Y570, Y579, AD664, AD	Allocated to service area based on overall residential sales	IESO results not broken down by service area
11	6. Carrying Charges	C50:C52, H154:H155	Estimated carrying charges rate through Q4 2019	Used most recent value
12	6. Carrying Charges	N150:Q153	Carrying charges in 2020 removed for Entegrus-St. Thomas	Entegrus-St Thomas rate year is by calendar year

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

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

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



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

Version 4.0 (2020)

Legend

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

Table 2-a. LRAMVA Threshold

2011

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

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

Years Included in Threshold Source of Threshold

Table 2-b. LRAMVA Thres

Main: 2016

STEI: 2015

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

	Total	Main - Residential	Main - GS<50 kW	Main - GS 50 to 4,999 kW	Main - Large Use	Main - Streetlighting	STEI - Residential	STEI - GS<50 kW	STEI - GS 50 to 4,999 kW	STEI - Streetlighting	STEI - Unmetered Scatterd Load				
		kWh	kWh	kW	kW	kW	kWh	kWh	kW	kW	kWH	0.0	0.0	0.0	0.0
kWh	11,206,271	2,736,155	4,402,416	0	0	0	1,746,598	588,794	1,687,119	45,158	31				
kW	25,434	0	0	17,935	217	2,523			4,303	125	331				
Summary		2,736,155	4.402.416	17.935	217	2.523	1.746.598	588.794	4,303	125	31	0	0	0	0

Years Included in Threshold MAIN: 2014 + 2015 + 2016 STEI: 2015-2016

Source of Threshold Main
Source of Threshold St.

2016 settlement agreement p. 42 (appended to decision on EB-2015-0061)
p. 35 of the "Settlement Proposal" as part of 2015 COS decision and order for EB-2014-0113, dated Nov 4, 2014.

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

Please complete Table 2-C-below 19 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 and 5 of this work form.

Year	LRAMVA Threshold	Main - Residential	Main - GS<50 kW	Main - GS 50 to 4,999 kW	Main - Large Use	Main - Streetlighting	STEI - Residential	STEI - GS<50 kW	STEI - GS 50 to 4,999 kW	STEI - Streetlighting	STEI- Unmetered Scattered Load				
		kWh	kWh	kW	kW	kW	kWh	kWh	kW	kW	kWh	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	2016	2,736,155	4,402,416	17,935	217	2,523	1,746,598	588,794	4,303	125	31	0	0	0	0
2018		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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



# LRAMVA Work Form: Distribution Rates

Version 4.0 (2020)

#### 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 correctingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-0061	EB-2016-0063 (Main)	EB-2016-0104 (St Thomas)			
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2017	2018	2019	2020
Period 1 (# months)								4	4	0			
Period 2 (# months)		12	12	12	12	12	12	8	8	12	12	12	12
Main - Residential	kWh							\$ 0.0077	\$ 0.0052				
Adjusted rate	KVVII	\$ -	\$ -	\$ -	s -	\$ -	\$ -	\$ 0.0077		\$ -	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0051	\$ 0.0060	\$ -	\$ -	\$ -	
Main - GS<50 kW	kWh							\$ 0.0099	\$ 0.0101				
Adjusted rate	KVVII	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0099	\$ 0.0101	\$ -	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0066			\$ -	\$ -	
Main - GS 50 to 4,999 kW	kW							\$ 3.2218					
Adjusted rate	KVV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.2218		\$ -	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.1479			\$ -	\$ -	
Main - Large Use	kW							\$ 2.2668					
Adjusted rate	KVV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.2668		\$ -	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.5112	\$ 2.2933		\$ -	\$ -	
Main - Streetlighting	kW							\$ 0.9331					
Adjusted rate	***	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.9331		\$ -	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.6221	\$ 0.9440		\$ -	\$ -	
STEI - Residential	kWh									\$ 0.0086			
Adjusted rate	KYYII	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0086	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0086	\$ -	\$ -	
STEI - GS<50 kW	kWh							\$ 0.0161		\$ 0.0164			
Adjusted rate	KTTII	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ 0.0164	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0164	\$ -	\$ -	
STEI - GS 50 to 4,999 kW	kW									\$ 3.5803			
Adjusted rate	N. V.V	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.5803	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.5803	\$ -	\$ -	
STEI - Streetlighting	kW									\$ 0.0361			
Adjusted rate	r.vv	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0361	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0361	\$ -	\$ -	

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

#### Table 3-a. Distribution Rates by Rate Class

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

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

Year	Main - Residential	Main - GS<50 kW	Main - GS 50 to 4,999 kW	Main - Large Use	Main - Streetlighting	STEI - Residential	STEI - GS<50 kW	STEI - GS 50 to 4,999 kW		STEI- Unmetered Scattered Load				
	kWh	kWh	kW	kW	kW	kWh	kWh	kW	kW	kWh	0	0	0	0
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016						\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0060	\$0.0100	\$3.2594	\$2.2933	\$0.9440	\$0.0086	\$0.0164	\$3.5803	\$0.0361	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: Rate classes with no savings and no threshold have been excluded, rate data for Entegrus-St Thomas shown in red (formulae altered to pull from proper column)



# LRAMVA Work Form: Determination of Rate Class Allocations

Version 4.0 (2020)

#### 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 4.0 (2020)

Legend

User Inputs (Green)
Auto Populated Cells (White)

Instructions (Grey)

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover but revenues from the 2011-2014 period. Peace input or manually in the savings, adjustments and program savings persistence data in these abilities from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Peace above develored that the same inductions lectorisety of the 10 secural over from the EMSO. Peace above develored that the same inductions lectorisety of the 10 secural over from the EMSO. Peace above develored that the same inductions lectorisety of the 10 security of the 10 security

2. Please ensure that the ESO verified savings adjustments spity) bank to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the ESO in 2013 should be included in the 2012 program savings table. In overifier presenting savings to be claimed in future years, past year's initiative level savings adjustments related to ESO adjustments were made available to the LDC after the LFAMMA was approved, the persistence of these assivings adjustments in the future on the claimed as approved. EMAMA manustrat se crossitives for the first.

3. The sork forms below include the monthly multipliers for most programs in order to claim demands average from energy efficiency programs, consistent with the monthly multipliers indicated in the CEBS spiciated LRAM policy related to peak demand savings in IE-2016 OFIEI. Demand Recoprose (IRSI) aways spicial spice programs each year are placeholder values are provided. If a different monthly multipliers for all programs each year are placeholder values are provided. If a different monthly multipliers lower spice is used passes include in cachine his Table 3 and highlight from evertibilities that below used.

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

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

Tables

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

le 4-a. 2011 Lost Revenues Work Form		Net Energy			No	Engeni Sa	vings Persi:	tanca (MIII)					Net Dema				Net Peak Demand	Savione S	orrietoneo II	ann.									Para All	ocations for LR	MVA						
Program	Results Status	Savings (kWh) 2011	2012	2013	2014	2015	2016		2018	2019	2020	Monthly Multiplier	Savings (i		2012 20			2016		Ė	019 202	Main - Residenti		50 Main - GS 4,999 I		arge Use S	Main - treetlighting	STEI - Residential		STEI - GS 50 to 4,999 kW	STEI-	STEI- Unmetered Scattered					т
egrus St. Thomas sumer Program																						kWh	kWh	KW		kW	KW	kWh	kWh	kW	KW	kWh	0	0	0	0	
lance Retirement stment to 2011 savings	Verified True-up	73,726 0	73,726	73,726		51,418 0	0						11		11 1		10 10	0				0.00%	0.00%	0.00	0.0	00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
lance Exchange strent to 2011 savings	Verified True-up	2,671 0		2,671	1,227	0	0						0		0 (	0	1 1 0 0	0				0.00%	0.00%	0.00	0.0	00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
C Incentives streent to 2011 savings	Verified True-up	242,763 -24,326		242,763 -24,326									131 -13				131 131 -13 -13	131 -13				0.00%	0.00%	0.00	0.0	00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ervation Instant Coupon Booklet tment to 2011 savings	Verified True-up	56,382 810		56,382 810									3		3 :	3	3 3	3				0.00%	0.00%	0.00	0.0	00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nual Retailer Event ment to 2011 savings	Verified True-up	86,380 6,418		86,380 6,418									5				5 5	4				0.00%	0.00%	0.00	0.0	00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ential Demand Response ment to 2011 savings	Verified True-up												31			1						0.00%	0.00%	0.00	0.0	00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ess Program it ment to 2011 savings	Verified True-up	593,844 24,232		593,844 24,232								12 12	83 6		83 8		83 83 6 6	83				0.00%	0.00%	0.00	. 0.0	00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Install Lighting ment to 2011 savings	Verified True-up	161,971 0	161,971	161,971		82,036 0	82,036 0					12 12	61 0				33 33 0 0	33				0.00%	0.00%	0.00	0.0	00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Commercial Demand Response tment to 2011 savinos	Verified True-up												4			1						0.00%	0.00%	0.00	i 0.0	00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
and Response 3 treent to 2011 savinos	Verified True-up	1,421	0	0	0	0	0						36			1						0.00%	0.00%	0.00	i 0.0	00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
trial Program it ment to 2011 savinos	Verified True-up	26,362	26,362	26,362	26,362	26,362	26,362					12 12	4		4	4	4 4	4		-		0.00%	0.00%	0.00	i 0.0	00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
211 Programs completed in 2011 Performance New Construction ment to 2011 savinos	Verified True-up	841	841	841	841	841	841					12	0		0 (	0	0 0	0				0.00%	0.00%	0.00	i 0.0	00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
GRUS STEI - Actual CDM Savinos in 2011 al CDM Savings in 2011		1,253,494 1,253,494											366 366			=						0	0	0		0		444,823	781,469		0	0	0	0	0	0	Ξ
east CDM Savings in 2011 bution Rate in 2011					!									_		_						\$0,0000	\$0,0000	50.00	10 500	00000	\$0.00000	\$0,00000	\$0.00000	S0.00000	\$0,00000	\$0,0000	\$0,00000	50,00000	\$0,00000	\$0,00000	
Revenue in 2011 from 2011 programs ast Lost Revenues in 2011 IVA in 2011																						\$0.00 \$0.00	\$0.00 \$0.00	\$0.0 \$0.0		0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Savings Persisting in 2012 Savings Persisting in 2013 Savings Persisting in 2014 Savings Persisting in 2014 Savings Persisting in 2016 Savings Persisting in 2016 Savings Persisting in 2018 Savings Persisting in 2018 Savings Persisting in 2019 Savings Persisting in 2020																						0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	444,823 444,823 442,874 407,984 342,955 0	780,048 780,048 700,112 700,112 700,112 0	50 50 50 50 50 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

2011 Savings Persisting in 2021																																	
Note: LDC to make note of key assumptions included above	16																																
Table 4-b. 2012 Lost Revenues Work Form		Return to	top																														
		Net Savin	Energy gs (kWh)	Net	Energy Savings P	ersistence (k	Wh)			Net Der Savings	nand (kW)		Net F	eak Demand !	iavings Persis	tence (kW	0								Rate Alic	ocations for LRA	AWVA						
Program	Results Status	2	2013 2014	2015	2016 2017	2018	2019	2020 2021	Monthly Multiplie	y ir 201	2	2013 201-	4 2015	2016	2017 201	8 201	19 2020	2021	Main - Residential	Main - GS<50 kW	Main - GS 50 to 4,999 kW	Main - Large Use	Main - Streetlighting	STEI - Residential	STEI - GS<50 kW	STEI - GS 50 to 4,999 kW	STEI - Streedighting	STEI- Unmetered Scattered Load					Tota
Integrus St. Thomas Consumer Program																			kWh	kWh	KW	kW	kW	kWh	kWh	kW	kW	kWh	0	0	0	0	
Appliance Retirement Adjustment to 2012 savings	Verified True-up	4	8,303 48,303 48,303 0 0 0	48,201	28,404					7		7 7	6	0					0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1009
Appliance Exchange Adjustment to 2012 savings	Verified True-up	2	2,042 22,042 22,042 0 0 0	21,732	0					12		13 13 0 0	12	0					0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1009
HVAC Incentives Adjustment to 2012 savings	Verified True-up		17,224 127,224 127,224 648 648 648		127,224 648				3	75 0		75 75 0 0		75 0					0.00%	0.00%	0.00%	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Conservation Instant Coupon Booklet Adjustment to 2012 savings	Verified True-up	- 4	i,110 4,110 4,110 0 0 0	4,110 0	4,048					1 0		1 1		1 0					0.00%	0.00%	0.00%	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100
Bi-Annual Retailer Event Adjustment to 2012 savings	Verified True-up	7	8,720 78,720 78,720 0 0 0	78,720 0	70,765					0		4 4 0 0	0	0					0.00%	0.00%	0.00%	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Business Program Retrofit Adjustment to 2012 savings	Verified True-up		13,698 1,009,272 988,041 2,488 212,488 212,488		958,021 212,488				12 12	18	0	179 172 19 19		163 19					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Direct Install Lighting Adjustment to 2012 savings	Verified True-up		11,385 461,385 461,385 2,316 2,316 2,316		250,079 2,171				12	11		114 114		62					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1009
Demand Response 3 Adjustment to 2012 savings	Verified True-up		531 0 0	0	0					37									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Pre-2011 Programs completed in 2011 High Performance New Construction Adjustment to 2012 savings	Verified True-up		322 322 322	322	322				12 12	0		0 0	0	0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1009
NTEGRUS STEL - Actual CDM Savinos in 2012	_		71,786						_	45																,	=	=	=	=	=		
Actual CDM Savings in 2012 Forecast CDM Savings in 2012	_	1,9	71,786		_	+		_	+	45	0		+	+	-	+	+	-	0	0	0	0	0	281,047	1,690,417	0	0	0	0	0	0	0	
Distribution Rate in 2012 Lost Revenue in 2012 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 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00

Lacs Revenue in 2012 from 2019 programs Total Lost Revenues in 2012 Forecast Lost Revenues in 2012 LACASSA LOST REVENUES IN 20	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00													
2012 Savings Persisting in 2013	0	0	0	0	0	281,047	1,685,461	4	0	0	0	0	0	0	
2012 Savings Persisting in 2014	0	0	0	0	0	281,047	1,664,229	4	0	0	0	0	0	0	
2012 Savings Persisting in 2015	0	0	0	0	0	280,635	1,422,759	4	0	0	0	0	0	0	
2012 Savings Persisting in 2016	0	0	0	0	0	231,088	1,422,759	4	0	0	0	0	0	0	
2012 Savings Persisting in 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Note: I DC to make note of key accumulations included above															

Section	2012 Savings Persisting III 2020																																		
Part	Note: LDC to make note of key assumptions included above																																		
Part	Table 4-c. 2013 Lost Revenues Work Form		Return to too																																
Property of the content of the con			Net Energy Savings (kW	20		Net	Energy Savin	gs Persistenc	ce (kWh)				Net Demani Savings (kV)	n D		Net Peal	k Demand S	Bavings Persis	tence (kW)								Rate All	ocations for LRA	AMVA						
Table 1	Program	Results		كات								Monthly		<i>'</i>																					
Control   Cont		Status	2013	2014	2015	2016	2017	2018 20	019 202	0 2021	2022	Multiplier	2013	2014	2015	2016	2017	2018 201	9 2020	2021 202				Main - Large Us						Scattered					Total
Second																					kWh	kWh	kW	kW	kW	kWh	kWh	kW	KW		0	0	0	0	
Part		Verified	20.175	20.17	5 20.175	19,970	11.984						3	3	3	3	2									100.00%									100%
Main Companies   Main   Main Companies   Main   Main Companies   Main Co		True-up	0	0	0	0	0						0	0	0	0	0				0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Agent polymorphy   Agent polym	Appliance Exchange Adjustment to 2013 savings		6,280																		0.00%	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%
Part	HVAC Incentives												82																						100%
Adam of the property	***************************************												3	3	3	3	3				0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Agency   A	Conservation Instant Coupon Booklet Adjustment to 2013 savings		22,655 69										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%	100%
No.   Part   P	Bi-Annual Retailer Event		50,497										3																						100%
Note   1482-27   1879   1870		True-up	. 0	0	0	0	0						0	0	0	0	0				0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Agency   A		Verified	1 432 573	1 387	34 1 386 126	1 314 894	1 259 361					12	281	268	267	246	228				_					1 97%	38 02%	52 78%							93%
Page	Adjustment to 2013 savings																				0.00%	0.00%	0.00%	0.00%	0.00%				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00
Age man of 2013 along   Man of September   Man of	Direct Install Lighting Adjustment to 2013 savious		707,634						=			12	196								0.00%	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%
Agamente 2073 savings   Agam	1			=								40			_																				4000
Part	Energy Audit Adjustment to 2013 savings		48,483	48,48	3 48,483	48,483	48,483		_			12	9	9	9	9					0.00%	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%
Parameth	Industrial Program																																		
Part	Energy Manager Adjustment to 2012 sources		10.469	10.40	0 10.460		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%	100%
Agamente 2073 sawyags	1		10,100									- 12			_						0.00%	0.00%	0.00%	0.0074	0.0074	0.0074	0.0074	100.00%	0.00%	0.00%	0.00%	0.0076	0.0074	0.0074	
New   1988   1	Demand Response 3 Adjustment to 2013 savings		494										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%
Adjusted (1974)   Adjusted (																					_														
Actual Collegenges 2013			139,533	130,38	129,548	115,412	111,672						11	11	11	10	10				0.00%	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%
Actual Collegenges 2013	ENTEGRUS STEL - Actual CDM Savinos in 2013		2.655.133										608																						
Design   Part	Actual CDM Savings in 2013			_									608								0	0	0			413,672	1,279,521	1,979	- 0	-	0		0		
Land Revenues 2013 interpretation   150.00   1																																			
Land Revenue in 2013 from 2012 fro																															\$0.00000				\$0.00
Total Last Revenues in 2073   18.00	Lost Revenue in 2013 from 2012 programs																				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Forestant Stemmens in 2013	Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013																																		
2013 Saving Pressing in 2714	Forecast Lost Revenues in 2013																				\$0.00					\$0.00		\$0.00	\$0.00						\$0.00
2013 Saving Persisting 1/2015  0 0 0 0 386/771 1,1848 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	LRAMVA in 2013																																		\$0.00
2013 Samping Pensanding (2016)  0 0 0 0 3806,304 812,406 1.743 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2013 Savings Persisting in 2014																				0	0	0	0	0				0	0	0	0	0	0	
2013 Saving Persisting / 2017	2013 Savings Persisting in 2015 2013 Savings Persisting in 2016																				0	0	0	0	0				0	0	0	0	0	0	
2013 Saving Personaling (2017) 2013 Saving (2017) 2013 Savin	2013 Savings Persisting in 2017																				o o	ō	ő	0	o					ő	ő	ő	ō	ō	
2013 Savings Persisting in 2020	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	

Table 4-d. 2014 Lost Revenues Work Form		Return to Top									_																				_
	Results	Net Energy Savings (kWh)		Net Energy	Savings Persis	stence (kWh)			Monthly	Net Demand Savings (kW)	,	N	t Peak Deman	d Savings Persiste	nce (kW)								Rate Allo	cations for LRAI	MVA						
Program	Status	2014	2015 2016	2017 2018	2019	2020	2021 20	122 2023	Multiplier	2014	2015	2016 20	17 2018	2019 2020	2021 2022	2023	Main - I Residential	Main - GS<50 kW	fain - GS 50 to 4,999 kW	lain - Large Use	Main - Streetlighting	STEI - Residential	STEI - GS<50 kW		STEI - Streetlighting	Unmetered Scattered					
Entearus Main Consumer Program Applance Retirement Idjustment to 2014 savings	Verified True-up	82,745 0	82,745 82,745 0 0	82,537 46,97 0	3 0	0	0	0 0	-	13	13		2 7	0 0	0 0	0	100% 100.00%	0.00%	0.00%	0.00%	0.00%	6Wh	6Wh	6W 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
oppliance Exchange Idjustment to 2014 savings	Verified True-up	23,644 0	23,644 23,644 0 0	23,644 0	0	0	0	0 0	]	13 0	13	13 1	3 0	0 0	0 0	0	100% 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 2014 savings	Verified True-up	344,593 0	344,593 344,593 0 0	344,593 344,5 0	344,593	344,593 3	844,593 344	4,593 344,593	]	188	188	188 1	188	188 188	188 188	188	100% 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 True-up	203,469	189,462 182,697 0 0	182,697 182,6	97 182,697	182,697 1	182,342 182	2,342 156,014	]	15 0	14	14 1	4 14	14 14	14 14	12	100% 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%	
3i-Annual Retailer Event Adjustment to 2014 savings	Verified True-up	888,122 0	770,437 709,105 0 0	709,105 709,1	05 709,105	709,105 7	708,798 708	8,798 659,222	]	58 0	51	47 4	7 47	47 47	47 47	44	100% 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%	
Residential Demand Response Adjustment to 2014 savings	Verified True-up								]	625							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%	
lusiness Program tetrofit djustment to 2014 savings	Verified Remove streetlighting	5,046,300 -25,279	4,986,737 4,986,73 -25,279 -25,279	4,894,219 4,894,2 -25,279 -25,27		4,699,091 4,	699,091 4,56 25,279 -25	51,770 3,705,250 5,279 -25,279	12	838	821	821 7	96 796	795 763	763 750	617	0.00%	16.20% 16.20%	84.00% 84.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Direct Install Lighting Adjustment to 2014 savings	Verified True-up	394,100	382,815 345,944	203,941 203,9	41 203,941	203,941 2	203,606 203	3,606 203,606	12 12	109	106	96 5	5 55	55 56	55 55	55	0.00%	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%	
emand Response 3 djustment to 2014 savings	Verified True-up								]	47							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ndustrial Program Process & System Upgrades Adjustment to 2014 savings	Verified True-up	3,316,500 0	3,316,500 3,316,50	3,316,500 3,316,5	3,316,500	3,316,500 3,	316,500 3,31	6,500 3,316,500	12	333 0	333	333 3		333 333	333 333	333	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%	
Enerov Manager Adjustment to 2014 savings	Verified True-up	314,228 0	314,228 314,228 0 0	314,228 314,2 0	28 314,228	314,228 3	314,228 314	4,228 314,228	12 12	23 0	23	23 2	3 23	23 23	23 23	23	0%	0%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
lemand Response 3 djustment to 2014 savings	Verified True-up								]	677							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Iome Assistance Program Iome Assistance Program djustment to 2014 savings	Verified True-up	172,172 0	171,801 157,852 0 0	152,360 141,40	22 141,422	126,521 1	122,142 64,	,624 63,950	]	18	18	17 1	7				100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ther rogram Enabled Savings djustment to 2014 savings	Verified True-up	134,467							0	45							0.00%	0.00%	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%	
ENTEGRUS MAIN - Actual CDM Savings in 2014		10.895.061								3.001																					

ENTEGRUS MAIN - Actual CDM Savings in 2014	10,895,061	3,001	
Entegrus St. Thomas Consumer Program Applance Retirement Verifie Adjustment to 2014 savings True-u		3 3 3 3	100%
2 Appliance Exchange Verifie Adjustment to 2014 savings True-u		8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	100%
3 HVAC Incentives Verifie Adjustment to 2014 savings True-u			100%
4 Conservation Instant Coupon Booklet Verifie Adjustment to 2014 savings True-u		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	100%
6 Bi-Annual Retailer Event Verifie Adjustment to 2014 savings True-u		24   21   19   15	100%
Business Program  10 Retrofit Verifie Adjustment to 2014 savings True-u		133 133 128 0 0.00% 0.00	89%

11 Direct Install Lighting Adjustment to 2014 savings	Verified True-up	326,654 0		81,723 190,189 0 0			12 12	91 0	90	78 0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
14 Enerov Audit Adjustment to 2014 savings	Verified True-up	65,274 0		65,274 65,274 0 0			12 12	13	13	13	13			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
17 Demand Response 3 Adjustment to 2014 savings	Verified True-up						-	15						0.00%	0.00%	0.00%	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 Adjustment to 2014 savings	Verified True-up	4,375 0	1 0	4,375 4,375 0 0			12 12	1 0	1 0	1 0	1 0			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Demand Response 3 Adjustment to 2014 savings	Verified True-up						}	610						0.00%	0.00%	0.00%	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  Adjustment to 2014 savings	Verified True-up	46,133 0		41,565 40,231 0 0				4 0	4 0		4 0			0.00%	0.00%	0.00%	0.00%	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Other 32 Time of Use Savings	Verified						12	162								0.00%	0.00%			0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings	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%	
Adjustment to 2014 savings  ENTEGRUS STEL - Actual CDM Savinos in 2014	True-up	1.806.197					12	1.165						0.00%														
Adjustment to 2014 savings	True-up	1.806.197 12,701,258					12	1.165 4,167						1,714,745		12,717	0.00%	0.00% 21 0	700,723	568,879	1,043	0.00%	0.00%	0.00%	0.00%	0.00%	0 0	
Adjustment to 2014 savings  ENTEGRUS STEI - Actual CDM Savinos in 2014  Actual CDM Savings in 2014	True-up						12										0		700,723	568,879	1,043		0	0	0	0	0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

### LRAMVA Work Form:

#### 2015 - 2020 Lost Revenues Work Form

User Inputs (Green)

Auto Populated Cells (White)
Instructions (Grey)

1. LDCs can apply for disposation of LRAMFA amounts at any time, but at a minimum, must do so as part of a cost of service (CDG) application. The following LRAMFA work forms apply to LDCs that reset to recover but revenues from the 2015-2000 period. Please input or minimally link the savings, adaptiments and program savings persistence data in heas sizele from the LDCs Persistence Reports provided by the ESD (In 2017). As noted earlier, persistence data is available upon request from the ESD. Please and to be absorbed that the assert that datases of the persistence adds as a validable upon request from the ESD. Please and to be absorbed that the assert that datases of the persistence adds as a validable upon request from the ESD. Please are the control of the ESD of the

4. LDC are requested to input the againstable rate class allocation percentages to allocate cuts allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supposing substable 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 years 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		Not Energy Not Energy Springs Persistence (MPS) Not Demand Springs Persistence (MPS) Not Demand Springs Persistence (MPS)
Program	Results Status	Serving 1997s Serving 1997 Serv
Entennys Main		295 296 297 298 299 220 221 202 203 204 Millipsed 295 296 297 298 299 200 221 202 203 204 Millipsed 295 296 297 296 297 297 297 297 297 297 297 297 297 297
Legacy Framework Residential Program		
Coupon Initiative     Adjustment to 2015 savings	Verified True-up	1884 1884 1884 1884 1884 1884 1884 1884
<ol> <li>Bi-Annual Retailer Event Initiative Adjustment to 2015 savings</li> </ol>	Verified True-up	
Acollance Retirement Initiative Adjustment to 2015 savings	Verified True-up	102.552 102.552 102.672 102.672 10.075 10.07
HVAC Incentives Initiative     Adjustment to 2015 savings	Verified True-up	
Commercial & Institutional Program & Energy Audit Initiative Adjustment to 2015 savings	Verified True-up	1427H 1427H 1427H 1427H 0 0 0 0 0 0 0 12 30 30 30 80 0 0 0 0 0 0 0 12 30 30 30 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Z Efficiency: Equipment Replacement Incentive Initiative	Verified	7.79.748 7.79.748 7.79.248 7.79.230 7.70
Adjustment to 2015 savings	Less street lighting 2016 True-up 2017 True-up	-78-15   78-15
B Direct Install Lighting and Water Heating Initiative	Verified	508,749 708,877 502,015 45468 45468 45468 45468 45468 45468 45468 45468 4547 45457 12 29 178 110 10 10 10 10 10 10 10 10 10 10 10 10
Adjustment to 2015 savings Industrial Program	True-up	343,388 304,091 64,772 165,310 155,310
<ol> <li>Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2015 savings</li> </ol>	Verified True-up	1,72,72    23,71,16    23,71
13 Process and Systems Upgrades Initiatives - From Mananer Initiative Adjustment to 2015 savinos	Verified True-up	128,784 128,78
Low Income Program 14 Low Income Initiative Adjustment to 2015 savings	Verified True-up	240,268 255,255 158,355 159,48
Conservation First Framework Residential Province-Wide Programs		
21. Save on Energy Coupon Program Adjustment to 2015 savings	Verified True-up	Sept.   Sept
22 Save on Energy Heating and Cooling Program Adjustment to 2015 savings	Verified True-up	12/389 12
Non-Residential Province-Wide Programs 26 Save on Energy Retrofit Program Adjustment to 2015 savings	Verified 2016 True-up	274.160 274.160 274.160 275.160 274.160 275.160 274.160 275.16
ENTEGRUS MAIN - ACIUAI COM Savings in	2011 Hua-up	
Entegrus St. Thomas 2015-2020 Conservation First Framework Prog	rams	
Residential Province-Wide Programs  Save on Energy Coupon Program  Adjustment to 2015 savings	Verified True-up	
3 Save on Energy Heating & Cooling Program Adjustment to 2015 savings	Verified True-up	1887   1887
Business Province-Wide Programs 7 Save on Energy Retrofit Program		
Adjustment to 2015 savings	Verified 2016 True-up	12,007 8,999
2011-2014+2015 Extension Legacy Framework	2017 True-up Programs	1389 1504 1509 1530 1530 1530 1530 1530 1530 1530 1530
Residential Program 67 Appliance Retirement Initiative Adjustment to 2015 savings	Verified True-up	13.286 15.296 15.296 15.296 15.296 15.297 15.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
68 Coupon Initiative Adjustment to 2015 savings	Verified True-up	N
60 Bi-Annual Retailer Event Initiative Adjustment to 2015 savings	Verified True-up	30.300 50.641 50.640 50
20 HVAC Incentives Initiative Adjustment to 2015 savings	Verified True-up	182200 18
71 Residential New Construction and Major Repoyation Initiative	Verified	20,250 20,220 20,20 20,
Adjustment to 2015 savings  Commercial & Institutional Programs	2017 True-up	45.92 45.92
22 Enerov Audit Initiative Adjustment to 2015 savings	Verified True-up	7.527   7.52

23 Efficiency: Equipment Replacement Incentive	Verified	1,684,333	226 226 226 226 219 219 215 190						21.96% 5	8.77%					81%
Adjustment to 2015 savings	2016 True-up 2017 True-up	80.219 80.213 80.213 80.215 80.580 60.580 80.580 87.074 87.074 87.074 56.505 12 20 20 171.630 71,630 71,630 83.561 90.206 90.206 90.206 151,451 151,451 159,725 147,853 12 16 16 2		0.00%	0.00%	0.00% 0.0 0.00% 0.0	% 0.00% % 0.00%	0.00%		8.77% 0.00% 8.77% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2015 savings	Verified 2017 True-up	45,241 97,554 24,802 24,802 24,802 24,802 24,802 24,802 24,802 24,802 124,802 12 10 8 1-17,206 4,802 3,132 4,847 4,847 4,847 4,847 4,847 4,847 12 4 3	5 5 5 5 5 5 5 5 5 1 1 1 1 1 1 1 1 1 1 1	0.00%	0.00%	0.00% 0.0	% 0.00%	0.00%	100.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Industrial Program Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2015 savings	Verified True-up	131,610 3,360 3,360 3,360 3,360 3,360 3,360 2,600 0 0 12 2 1	1 1 1 1 0 0 0	0.00%	0.00%	0.00% 0.0	% 0.00%	0.00%		0.00% 0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Low Income Program  80 Low Income Initiative Adjustment to 2015 savings	Verified True-up	17,715 13,458 13,158 12,859 12,859 12,859 12,859 12,859 5,599 5,599 1 1 1	1 1 1 1 1 1	0.00%	0.00%	0.00% 0.0	% 0.00%	100.00% 100.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ENTEGRUS STEI - Actual CDM Savings in 2015 Actual CDM Savings in 2015 Forecast CDM Savings in 2015		2,647,131 451 22,532,548 3,045		1,874,843	2,149,986	23,182	202	751,300 0	392,500 0	2,155 0	0 0	0 0	0	0	0
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 2013 programs Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2015 programs Lost Revenue in 2015 from 2015 programs Total Lost Revenues in 2015 Forecast Lost Revenues in 2015 LRAM/M A 2015				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0. \$0.00 \$0. \$0.00 \$0. \$0.00 \$0. \$0.00 \$0. \$0.00 \$0. \$0.00 \$0.	000 \$0.00000 00 \$0.00 10 \$0.00 10 \$0.00 10 \$0.00 10 \$0.00 10 \$0.00 10 \$0.00 10 \$0.00 10 \$0.00 10 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$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 Savings Persisting in 2016 2015 Savings Persisting in 2017 2015 Savings Persisting in 2018 2015 Savings Persisting in 2019				1,814,694 1,807,825 1,800,122 1,745,514	2,149,873 2,143,038 2,178,249 2,178,249	14,689 (0 14,536 (0 14,536 (0 14,704 (0	1,565 1,565 1,565 1,565	740,465 740,165 730,866 735,356	392,499 392,499 394,100 394,100	2,143 0 2,143 0 2,143 0 2,143 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
2015 Savings Pensisting in 2020  Note: LDC to make note of key assumptions include	ed above			1,694,235	2,178,249	14,704	1,565	729,658	394,100	2,143 0		0	0	0	0
Table 5-b. 2016 Lost Revenues Work Form		Net Energy Serings Persistence (WWh) Net Energy Serings Persistence (WWh) Serings (VW)	Net Peak Demand Savings Persistence (kW)						Rate Allocations	for LRAMVA					
Program	Results Status	2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 Multiplier 2016 2017 20	018 2019 2020 2021 2022 2023 2024 2025	Main - Residential	Main - GS-c50 kW	Main - GS 50 to 4,999 kW	ge Use Main - Streetlighting	g STEI - Residential	STEI - GS-50 STE kW to 4	- GS 50 STEI - 959 kW Streetlightin	STEI- Unmetered ng Scattered Load				Total
Conservation First Framework Residential Province-Wide Programs 21. Save on Energy Coucon Program Adjustment to 2016 savings	Verified True-up	2,980.022 2,980.022 2,980.022 2,980.022 2,980.022 2,980.022 2,980.022 2,979.541 2,979.541 2,986.351 194 194 194 195 195 195 195 195 195 195 195 195 195	194 194 194 194 194 194 194 193 21 21 21 21 21 21 21 21 21 21	100.00%	0.00%	0.00% 0.0	96 0.00%	0.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22 Save on Energy Heating and Cooling Program Adjustment to 2016 savings	Verified True-up		161 161 161 161 161 161 161 161 161 161	100.00%	0.00%	0.00% 0.0		0.00%		1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 Save on Energy Home Assistance Program Adjustment to 2016 savings	Verified True-up	90,003 90,903 90,903 90,003 90,003 90,003 90,003 90,003 90,003 90,003 90,003 90,003	12 12 12 12 12 12 12 12		0.00%	0.00% 0.0		0.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Residential Province-Wide Programs 25. Save on Energy Audit Funding Program 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 26,285 12 3 3 3	3 3 3 3 3 3 3	0.00%	0.00%	100.00% 100.00% 0.0	% 0.00%	0.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26 Save on Energy Retrofit Program	Verified Less street lighting True-up	10,893,209 10,542,439 10,542,449 10,542,445 10,542,455 10,412,500 10,412,500 10,412,500 10,200,579 10,200,579 12 841 817 8 405,724 405,724 405,724 405,724 405,724 405,724 405,724 405,724 405,724 405,724 405,724 12 0 0 0 13,022,780 13,0422 13,063,64 13,065,154 (30,014,15,0276 13,0276 13,0276 13,0276 13,0276 15,0286 12 1,147 15,0276 13,0276	817 817 817 792 792 792 781 781 0 0 0 0 0 0 0 0 0 .522 1.522 1.522 1.447 1.447 1.447 1.445 1.445	0.00%	21.54% 21.54% 21.54%	71.37% 7.4 71.37% 7.4 71.37% 7.4	%	0.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2016 savings	Less street lighting True-up	0 0 0 0 0 0 0 0 0 0 12 -1,051 -1,051	1,051 -1,061 -1,051 -1,051 -1,051 -1,051 -1,051 -1,051	0.00%	21.54%	71.37% 7.4	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ENTEGRUS MAIN - Actual CUM Savings in Entegrus St. Thomas		12,403,080 1,880													
2015-2020 Conservation First Framework Proj Residential Province-Wide Programs 1 Save on Energy Coupon Program Adjustment to 2016 savings	yenfied True-up	1,177,426 1,177,	77 77 77 77 77 77 77 77 77 78 8 8 8 8 8	0.00%	0.00%	0.00% 0.0	% 0.00%	100.00% 100.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3 Save on Energy Heating & Cooling Program Adjustment to 2016 savings	Verified True-up	298,992 298,992 298,992 298,992 298,992 298,992 298,992 298,992 298,992 298,992 298,992 298,992 298,992 0 0 0	88 88 88 88 88 88 88 88 88 88 88 88 88	0.00%	0.00%	0.00% 0.0	% 0.00%	100.00% 100.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Business Province-Wide Programs  Z Save on Energy Retrofit Program  Adjustment to 2016 savings	Verified Less Street Lighting True-up	2,632,744 2,756,641 2,756,641 2,756,451 2,755,451 2,755,451 2,755,451 2,755,451 2,755,451 2,654,755 2,654,	230 230 230 230 230 230 230 227 227 0 0 0 0 0 0 0 0 0 0 0 41 41 41 41 41 41 41 41 41	0.00%	0.00%	0.00% 0.0	% 0.00%	0.00%	1.74%	<b>5.57%</b> <b>5.57%</b> 5.57% 0.00%	0.00%	0.00%	0.00%	0.00%	97%
ENTEGRUS STEI - Actual CDM Savings in 2016 Actual CDM Savings in 2016		3,858,033 444 528,113 2,124		3,955,857	1,814,179	11,058 1,1	1,643	1,609,346	39,127	3,108 1,755	0	0	0	0	0
Forecast CDM Savings in 2016  Distribution Rate in 2016  Lost Revenue in 2016 from 2011 programs				\$0.00000	\$0.00000	90.00000 \$0.00 \$0.00 \$0. \$0.00 \$0.		\$0.00000		0 0	\$0.00000	\$0.00000	\$0.00000	\$0.00000	9 S0.00000
Lost Revenue in 2016 from 2012 programs				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00			\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2015 programs Lost Revenue in 2016 from 2016 programs Total Lost Revenues in 2016 Forecast Lost Revenues in 2016 LRAMVA in 2016				\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0. \$0.00 \$0. \$0.00 \$0. \$0.00 \$0. \$0.00 \$0.	00 \$0.00 00 \$0.00 10 \$0.00 10 \$0.00 10 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00
2016 Savings Persisting in 2017 2016 Savings Persisting in 2018 2016 Savings Persisting in 2019 2016 Savings Persisting in 2020				3,955,857 3,955,857 3,955,857	1,814,179 1,815,241 1,815,241	11,050 1,1 11,067 1,1 11,067 1,1	16 7,503 17 7,503 17 7,503	1,609,346 1,609,346 1,609,346	39,127 39,129 39,129	3,108 2,083 3,108 2,083 3,108 2,083	0 0	0 0	0 0	0 0	0 0 0
2016 Savings Persisting in 2020 Note: LDC to make note of key assumptions include	ed above			3,955,857	1,815,241	11,067 1,1	7,503	1,609,346	39,129	3,108 2,083	0	0	0	0	0
Table 5-c. 2017 Lost Revenues Work Form  Program	Danulus Status	Aller Control	Net Peak Demand Savings Persistence (kW)						Rate Allocations	for LRAMVA	STEI-				
Entenny Main		2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 Multiplike 2617 2618 26	019 2020 2021 2022 2023 2024 2025 2026	Main - Residential kWh	Main - GS-50 kW	Main - GS 50 to 4,999 kW Main - La	ge Use Main - Streetlighting	g STEI - Residential	STEI - GS-50 STE kW to 4	I- GS 50 STEI - 999 kW Streetlightin	Unmetered Scattered Load kWh	0	0	0	Total
Conservation First Framework Residential Province-Wide Programs 23 Save on Enercy Coupon Program Adjustment to 2017 savings	Verified True-up	3.227.888 2.654.352 2.654.	186 186 186 186 186 186 186 186	100.00% 71.00%	0.00%	0.00% 0.0	% 0.00%	0.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22 Save on Energy Heating and Cooling Program Adjustment to 2017 savings	Verified True-up	21,916	102 102 102 102 102 102 102 102	100.00% 71.00%	0.00%	0.00% 0.0	% 0.00%	0.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22 Save on Energy Instant Discount Program Adjustment to 2017 savings	Verified True-up		156 156 156 156 156 156 156 156	100.00%	0.00%	0.00% 0.0	% 0.00%	0.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Home Assistance Program     Adjustment to 2017 savings     Save on Energy Smart Thermostat Program     Adjustment to 2017 savings	Verified True-up Verified True-up		27 27 27 27 27 27 27 27 28	100.00% 100.00% 0.00% 71.00%	0.00%	0.00% 0.0		0.00%		1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Residential Province-Wide Programs	True-up	9,962		71.00%	0.00%	0.00% 0.0	% 0.00%	0.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26 Save on Energy Retrofit Program	Verified	8,284,151 8,561,513 8,561,513 8,561,513 8,561,513 8,561,513 8,122,883 8,122,883 8,122,883 8,075,888 12 1,979 2,103 2,	103 2,103 2,103 2,027 2,027 2,027 2,027 2,027		13.34%	85.45%									99%
26 Save on Energy Retrofit Program  Adjustment to 2017 savings	Verified Less Street Lighting True-up	2-24-10   2-24	.103 2.103 2.103 2.027 2.027 2.027 2.027 2.027 555 4-5	0.00%	13.34% 13.34% 31.63%	85.45% 85.45% 39.49% 0.0	% 0.00%	0.00%	0.00%	1.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2017 savings 27 Save on Energy Small Business Lighting Provious Adjustment to 2017 savings	Verified Less Street Lighting True-up Verified True-up	2,048,000 2,048,000 2,048,000 2,048,000 2,048,000 2,048,000 2,048,000 2,048,000 2,048,000 120 124 124 124 124 124 124 124 124 124 124	1993 2.1993 2.1993 2.2027 2.02	0.00%	13.34%	85.45%		0.00%	0.00%	L00% 0.00% L00% 0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2017 savings  Save on Energy Small Business Lighting	Less Street Lichting True-up Verified	2,048,000 2,048,000 2,048,000 2,048,000 2,048,000 2,048,000 2,048,000 2,048,000 2,048,000 120 124 124 124 124 124 124 124 124 124 124	555 -555 -555 -555 -555 -555 -555	0.00%	13.34% 31.63% 93.69%	85.45% 39.49% 0.0		0.00%	0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

33 Instant Savings Local Program Adjustment to 2017 savings	Verified True-up		191,794 191,794	191,794	191,794 19	1,794 191,71	34 191,7	94 191,7	191,79	191,794	0	30	30	30	30	30 :	0 30	30 30	30	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%
Pilot Programs Whole Home Pilot Program Adjustment to 2017 savings	Verified True-up		191,794 191,794	191,794	191,794 19	1,794 191,7	191,7	94 191,7	191,71	191,794	0	14	14	14	14	14	4 14	14 14	14	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%
ENTEGRUS MAIN - Actual CDM Savings in		-	15,044,462									2,31	4																					
Entegrus St. Thomas 2015-2020 Conservation First Framework Progra Residential Province-Wide Programs	ms																																	
Save on Energy Coupon Program     Adjustment to 2017 savings	Verified True-up		1,307,097 1,052,114 6,461	1,052,114 1	,052,114 1,05	52,114 1,052,1	1,062,	114 1,052,	03 1,052,1	03 1,049,496		91	74	74	74	74	4 74	74 74	73	0.00%	0.00%	0.00%	0.00%	0.00%	100.00% 29.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Instant Discount Program     Adjustment to 2017 savings	Verified True-up		1,231,086 891,538	891,538	391,538 89	1,538 891,53	38 891,5	38 891,5	11 891,52	891,521	3	84	60	2 62	62	62	2 62	62 62	62	0.00%	0.00%	0.00%	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
3 Save on Energy Heating & Cooling Program Adjustment to 2017 savings	Verified True-up		230,737 230,737	230,737	230,737 23	0,737 230,7	37 230,7	37 230,7	7 230,7	37 230,737	1	68	68	8 68	68	68 (	8 68	68 68	68	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy New Construction Program	Verified	4 <u>=</u>	33,536 33,536	33,538	33,536 33	1,538 33,53	6 33,53	38 33,53	6 33,53	6 33,538	- 1	17	17	7 17	17	17	7 17	17 17	17						100.00%									100%
Adjustment to 2017 savings  5 Save on Energy Home Assistance Program	True-up Verified	_				_					1		_			_				0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2017 savings  Save on Energy Smart Thermostat Program	True-up Verified	_									1									0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings	True-up		9,362								1									0.00%	0.00%	0.00%	0.00%	0.00%	29.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
2 Save on Energy Retrofit Program Adjustment to 2017 savings	Verified True-up		1,082,227 1,175,106 312,121	1,175,106 1	,175,106 1,1	75,106 1,093,1	1,093,	191 1,093,	91 1,074,8	1,074,819	12 12			334	334	334 3	10 320	320 310	318	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.29% 4.41%	80.10% 95.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	95%
LDC Innovation Fund Pilot Programs Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Adjustment to 2017 savings	Verified True-up		10,529 10,529	10,529	10,529 10	0,529 10,52	9 10,52	29 10,44	2 10,44	2 10,442	12	2	2	2	2	2	2	2 2	2	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Centrally Delivered Programs 53 Whole Home Plot Program	Verified	_	05.050	05.000	25 258 24	115 2478	1 24 79	31 24.78		1 24 781	12						2								100.00%									100%
Adjustment to 2017 savings	True-up		25,250	23,230	2,20 2	,115 24,76	24,70	24,70	24,70	24,761	12					-	2	2 2		0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
ENTEGRUS STEL - Actual CDM Savings in 2017 Actual CDM Savinos in 2017			4,270,330 19,314,792									62								7.300.158	1.648.991	21,229	0	3.013	2.849.187	179.188	3.611					0		
Forecast CDM Savings in 2017			12,314,122									-,,								2,736,155	4,402,416	17,935	217	2,523	1,746,598	588,794	4,303	125	31	0	0	0	0	
Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2013 programs																				\$0.00600 \$0.00 \$0.00 \$0.00	\$0.01000 \$0.00 \$0.00 \$0.00	\$3.25940 \$0.00 \$0.00 \$0.00	\$2.29330 \$0.00 \$0.00 \$0.00	\$0.94400 \$0.00 \$0.00 \$0.00	\$0.00860 \$0.00 \$0.00 \$3,010.37	\$0.01640 \$0.00 \$0.00 \$9,649.53	\$3.58030 \$0.00 \$0.00 \$5,397.26	\$0.03610 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$18,057.17
Lost Revenue in 2017 from 2014 programs Lost 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																				\$8,969.62 \$10,846.95 \$23,735.14 \$43,800.95 \$87,352.66	\$9,927.09 \$21,430.38 \$18,141.79 \$16,489.91 \$65,989.17	\$40,021.09 \$47,377.33 \$36,015.13 \$69,193.49 \$192.607.05	\$0.00 \$0.00 \$2,625.60 \$0.00 \$2,625.60	\$237.43 \$1,477.73 \$7,082.91 \$2,844.71 \$11,642.77	\$5,276.25 \$6,365.42 \$13,840.38 \$24,503.01 \$52,995.43	\$6,947.80 \$6,436.99 \$641.69 \$2,938.68 \$26,614.68	\$3,565.04 \$7,674.06 \$11,127.34 \$12,928.63 \$40,692.35	\$0.00 \$0.00 \$75.21 \$0.00 \$75.21	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$74,944.31 \$101,608.86 \$113,285.18 \$172,699.38 \$480,594.91
Forecast Lost Revenues in 2017 Forecast Lost Revenues in 2017 LRAMVA in 2017																				\$87,352.66 \$16,416.93	\$65,989.17 \$44,024.16	\$192,607.05 \$58,457.34	\$497.65	\$11,642.77 \$2,381.71	\$52,995.43 \$15,020.74	\$26,614.68 \$9,656.22	\$15,406.03	\$4.51	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$480,594.91 \$161,865.29 \$318,729.62
2017 Savings Persisting in 2018 2017 Savings Persisting in 2019 2017 Savings Persisting in 2020																				5,772,749 5,772,749 5,772,749	1,480,674 1,480,615 1,480,278	21,911 21,911 21,911	0	3,580 3,580 3,580	2,243,712 2,243,712 2,243,712	179,634 179,634 179,634	3,210 3,210 3,210	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included at																																	
Table 5-d. 2018 Lost Revenues Work Form  Program Re	sults Status	Net Energy Savings (kWh)			Net Energ	ry Savings Per	sistence (kW	h)			Monthly	Net Deman Savinos (kV	d N		Net Peak De	mand Saving	s Persistence (k	N)								ations for LRAM		STEI-					
Legacy Framework	Janua Janua	2018	2019	2020 2021	2022	2023	2024	2025	2026	2027	Multiplier	2018	2019	2020	2021 20	22 2023	2024 2	125 2026	Main - esidential	Main - GS<50 kW	Main - GS 50 to 4,999 kW	fain - Large Use N	fain - Streetlighting kW	STEI - Residential	STEI - GS-50 kW	STEI - GS 50 to 4,929 kW		Unmetered Scattered Load kWh		0	0	0	Tota
Residential Program  Coupon Initiative  Adjustment to 2018 savings	Verified True-up																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Bi-Annual Retailer Event Initiative Adjustment to 2018 savings	Verified True-up																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2018 savings	Verified True-up																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
HVAC Incentives Initiative Adjustment to 2018 savings	Verified True-up																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction and Major Renovation Initiative Adjustment to 2018 savings	Verified True-up																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program Energy Audit Initiative Adjustment to 2018 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%
Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2018 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%
Direct Install Lighting and Water Heating Initiative	Verified										12				T	Ť																	0%
Adjustment to 2018 savings  New Construction and Major Renovation	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%
Initiative Adjustment to 2018 savings Existing Building Commissioning Incentive Initiative	True-up Verified										12				ŧ	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%	
Initiative Adjustment to 2018 savings Industrial Program	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%	0%
Process and Systems Upgrades Initiatives - Proiect Incentive Initiative Adjustment to 2018 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%
Process and Systems Upgrades Initiatives - Monitorino and Tarcetino Initiative Adjustment to 2018 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%
Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified										12																						0%
Adjustment to 2018 savings  Low Income Program  Low Income Initiative	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 2018 savings	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%	
Aboriginal Conservation Program Adjustment to 2018 savings Program Enabled Savings	Verified True-up 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%	0%
Adjustment to 2018 savings  Conservation Fund Pilots	True-up										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%	
Conservation Fund Pilot - EnerNOC Adjustment to 2018 savings Loblaws Pilot	Verified True-up Verified										12 12			H					0.00%	0.00%	0.00%	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 2018 savings  Conservation Fund Pilot - SEG	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 2018 savings Social Benchmarking Pliot	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 2018 savings  Conservation First Framework Residential Province-Wide Programs	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%	
Save on Energy Coupon Program Adjustment to 2018 savings	Verified True-up																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	09

Save on Energy Horne Assistance Programs Adjatiment to 2016 askings Adjatiment to 2016 askings Save on Energy Audit Funding Programs Save on Energy Audit Funding Program Adjatiment to 2016 askings Save on Energy Restoll Program Adjatiment to 2016 askings Save on Energy Restoll Program Adjatiment to 2016 askings Save on Energy Small Business Lighting	Verified True-up Verified True-up Verified																									
Non-Residential Province-Wide Programs Save on Energy Audit Funding Program Adjustment to 2018 savings Save on Energy Resoluti Program Adjustment to 2018 savings Save on Energy Small Business Lighting	Verified [												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Retrofit Program Adjustment to 2018 savings Save on Energy Small Business Lighting							12						1													
Save on Energy Small Business Lighting	True-up Verified True-up		$\Box$				12 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%
	Verified						12							0.00%	0.00%	0.00%	0.00%	0.00%				0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy High Performance New Construction Program	True-up Verified						12						0.00%						0.00%	0.00%	0.00%					
	True-up Verified						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%
Adjustment to 2018 savings	True-up Verified						12				$\pm$		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%
Adjustment to 2018 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%
Program Adjustment to 2018 savings	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%
Local & Regional Programs	Verified True-up						12 12				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%
	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%
	Verified True-up 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%
Pilot Programs	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%
Conservation Fund	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%
	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%
EnWin Ithlities I td., Re-Invest Pilot	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%
Horizon Utilities Corporation - ECM Furnace Motor Pilot	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%
Horizon Utilities Corporation - Social	Verified True-up						12						0.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Hydro Ottawa Limited - Conservation Voltage	Verified						12						1	0.00%	0.00%	0.00%	0.0078	0.00%	0.00%	0.00.8	0.00 /4	0.0078	0.00%	0.00 /4	0.00%	0.00%
Adjustment to 2018 savings	True-up Verified		$\vdash$				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%
Adjustment to 2018 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%
	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%
Nilsonra.on.the.i. ake Hudin Inc Direct Install	Verifier						12				 		,													
	Verified 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%
Adjustment to 2018 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%
Direct Install - RTU Controls Adjustment to 2018 savings	True-up			H			12		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%
Install - Hydronic (Pilot Savinos) Adjustment to 2018 savings	Verified True-up		Ш				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%
	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%
Toronto Hydro-Electric System Limited - PFP - Adjustment to 2018 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%
Actual CDM Savings in 2018 Forecast CDM Savings in 2018		0						0			+		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Plate in 2018 Lost Revenue in 2018 from 2011 programs Lost Revenue in 2018 from 2012 programs Lost Revenue in 2018 from 2012 programs Lost Revenue in 2018 from 2014 programs Lost Revenue in 2018 from 2019 Lost Revenues in 2018 Fercesat Lost Revenues in 2018 Less Revenues in 2018 Less Revenues in 2018													\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2018 Savings Persisting in 2019 2018 Savings Persisting in 2020 Note: LDC to make note of key assumptions included abo													0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 5-e. 2019 Lost Revenues Work Form		Return to top																																		
		Net Energy Savings (kWh)			-	Net Energy S	avings Pers	sistence (kW	h)				Net Demand Savings (kW)			Net Pea	k Demand Sav	ngs Persiste	nce (kW)									Rate Allo	cations for LRAM	VA						
Program	Results Status	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Monthly Multiplier	2019	2020	2021	2022	2023 20	2025	2026	2027	2028	Main - Residential	Main - GS<50 kW	Main - GS 50 to 4,999 kW	Main - Large Use	Main - Streetäghting	STEI - Residential	STEI - GS<50 kW	STEI - GS 50 to 4,999 kW	STEI - Streetlighting	STEI- Unmetered Scattered					Total
Legacy Framework Residential Program									-													kWh	kWh	kW	kW	kW	kWh	kWh	kW	kW	kWh	0	0	0	0	
Coupon Initiative     Adjustment to 2019 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Bi-Annual Retailer Event Initiative Adjustment to 2019 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2019 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
HVAC Incentives Initiative Adjustment to 2019 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction and Major Renovation Initiative Adjustment to 2019 savings	Verified True-up																					0.00%											0.00%	0.00%	0.00%	0%

Commercial & Institutional Program  Energy Audit Initiative Adjustment to 2019 savings	Verified						12																				0%
Adjustment to 2019 savings  Efficiency: Equipment Replacement Incentive	Verified 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%	
2 Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2019 savings	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%
8 Direct Install Lighting and Water Heating Initiative Adjustment to 2019 savings	Verified True-up						12						0.00%	0.00%	0.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
2 New Construction and Major Renovation Initiative Adjustment to 2019 savings	Verified						12	Ť																			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%	
10 Existing Building Commissioning Incentive Industries Adjustment to 2019 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%	0%
Industrial Program Process and Systems Upgrades Initiatives - Proiect Incentive Initiative Adjustment to 2019 savings	Verified		1				12																				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%	0.0
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Adjustment to 2019 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%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2019 savings	Verified						12																				0%
Adjustment to 2019 savings  Low Income Program	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%	
14 Low Income Initiative Adjustment to 2019 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%
Other  15 Aboriginal Conservation Program Adjustment to 2019 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%
16 Program Enabled Savings Adjustment to 2019 savings	Verified True-up					4	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%
Conservation Fund Pilots													0.0076		0.0076				0.00%	0.00%	0.0074	0.00%	0.00%				
17 Conservation Fund Pilot - EnerNOC Adjustment to 2019 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%
18 Loblaws Pilot Adjustment to 2019 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%
19 Conservation Fund Pilot - SEG Adjustment to 2019 savings	Verified True-up				$=$ $\pm$		12	I					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2019 savings	Verified True-up						12 12	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%
Conservation First Framework Residential Province-Wide Programs 21. Save on Enercy Coucon Program Adjustment to 2019 savings	Verified		_	,			_																				0%
Adjustment to 2019 savings  22 Save on Energy Heating and Cooling Program	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%	
Adjustment to 2019 savings	Verified True-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
23 Save on Energy New Construction Program Adjustment to 2019 savings	Verified True-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
24 Save on Energy Home Assistance Program Adjustment to 2019 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%
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program Adjustment to 2019 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%
26 Save on Energy Retrofit Program Adjustment to 2019 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%
22 Save on Energy Small Business Lighting Procram Adjustment to 2019 savings	Verified						12	$\pm$	+	$\pm$			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%
	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%	
28 Save on Energy High Performance New Construction Program Adjustment to 2019 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%
20 Save on Energy Existing Building Commissioning Program Adjustment to 2019 savings	Verified						3																				0%
	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%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2019 savings	True-up						12	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%	
31 Save on Energy Monitoring & Targeting Program Adjustment to 2019 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%
32 Save on Energy Energy Manager Program Adjustment to 2019 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%
Local & Regional Programs  Susiness Refriceration Local Program Adjustment to 2019 savings	Verified True-up						0	_																			0%
							0	+			$\Box$		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
First Nation Conservation Local Program     Adjustment to 2019 savings     Social Benchmarking Local Program     Adjustment to 2019 savings	Verified True-up 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%
Adjustment to 2019 savings Pilot Programs	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%	
Pilot Programs Enersource Hydro Mississauga Inc 99 Performance-Based Conservation Pilot Program - Conservation Find - Adjustment to 2019 savings	Verified						12																				0%
Adjustment to 2019 savings  EnWin Utilities Ltd Building Optimization Pilot	True-up Verified				-		12	Ŧ			H	#	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2019 savings	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%
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2019 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%
30 Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2019 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%
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2019 savings	Verified						12																				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%	
41 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2019 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%
42 Hydro Ottawa Limited - Residential Demand Adjustment to 2019 savings	Verified True-up							Ė					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0074	0.00%		0.00%	0.00%	0%
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified						12	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 2019 savings	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%	
44 Niagara-on-the-Lake Hvdro Inc Direct Install Adjustment to 2019 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%
45 Oakville Hvdro Electricity Distribution Inc Adjustment to 2019 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%
Adjustment to 2019 savings				 			 			 																	

46   Oakville Hydro Electricity Distribution Inc	Verified											12																							0%
Oakville Hydro Electricity Distribution Inc Adjustment to 2019 savings      Toronto Hydro-Flectric System Limited - Direct	Verified True-up Verified			H	_							12								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%
Toronto Hvdro-Electric System Limited - Direct Adjustment to 2019 savings     Toronto Hvdro-Electric System Limited - Direct	Verified True-up				_							12								0.0	996	0.00%	0.00%	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 2019 savings	Verified True-up				=							12								0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
49 Toronto Hvdro-Electric System Limited - PFP - Adjustment to 2019 savings	Verified True-up				#							12								0.0	9%	0.00%	0.00%	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 2019 Forecast CDM Savings in 2019		$\pm$	0		_	=								+						- 6		0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rais in 2019 Lord Revenue in 2019 from 2011 programs Lord Revenue in 2019 from 2011 programs Lord Revenue in 2019 from 2013 programs Lord Revenue in 2019 from 2013 programs Lord Revenue in 2019 from 2014 programs Lord Revenue in 2019 from 2015 programs Lord Revenue in 2019 from 2015 programs Lord Revenue in 2019 from 2017 programs Lord Revenue in 2019 from 2019 programs																				\$0.00 \$0. \$0.	1000 S 00 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	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00
Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2015 programs																				\$0. \$0. \$0. \$0. \$0. \$0. \$0.	00 00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$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 2019 from 2016 programs Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2018 programs																				\$0. \$0. \$0.	00 00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$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 2019 from 2019 programs Total Lost Revenues in 2019 Forecast Lost Revenues in 2019 LRAMVA in 2019																				\$0. \$0. \$0.	00 00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$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	\$0.00
2019 Savings Persisting in 2020 Note: LDC to make note of key assumptions included	evoda b																																		
Table 5-f. 2020 Lost Revenues Work Form		Retun	to too			Not	Foerny Saving	ns Persistence (	DWN			Monthly	Post Demana		N	ot Peak Deman	t Savinos Pe	rsistence (kW)									Rate Alloc	ations for I RAN	VA.						
Program Legacy Framework Residential Program	Results Statu	15	2020 20	021	2022	2023	2024 2	2025 2021	2027	2028	2029	Multiplier	2020	2021	2022 20	23 2024	2025	2026 2027	2028 21	¥9 KV	h.	kWh	kW	Main - Larres Use kW	Main - Streesfolsing kW	STEL-Residential kWh	Rate Alloc STET - GOCOV KWh	kW	kW	kWh	0	0	0	0	Total
Coupon Initiative     Adjustment to 2020 savings	Verified True-up																			0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Bi-Annual Retailer Event Initiative Adjustment to 2020 savings	Verified True-up																			0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2020 savings	Verified True-up																			0.0	996	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
4 HVAC Incentives Initiative Adjustment to 2020 savings	Verified True-up	Ē										3								0.0	994	0.00%	0.00%	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 and Major Renovation Initiative Adjustment to 2020 savings	Verified	Ē										ī																							0%
Commenced & Invalidation   Process	True-up																			0.0	996	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Energy Audit Initiative Adjustment to 2020 savings	Verified True-up											12 12								0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2020 savings	Verified True-up											12								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%
Direct Install Lighting and Water Heating Initiative	Verified	Ε			古						<u> </u>	12		$\pm$		<u> </u>					776	0.00%	0.00%	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 2020 savings	True-up											12								0.0	9%	0.00%	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 and Major Renovation Adjustment to 2020 savings	Verified True-up			+								12 12								0.0	994	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
10 Existina Buildina Commissionina Incentive Adjustment to 2020 savings	Verified True-up											3								0.0	9%	0.00%	0.00%	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  11 Process and Systems Upgrades Initiatives - Adjustment to 2020 savings	Verified True-up				-	-						12						_		0.0	296	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
12 Process and Systems Upgrades Initiatives - Adjustment to 2020 savings	Verified True-up	Ε										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%
13 Process and Systems Upgrades Initiatives - Adjustment to 2020 savings	Verified True-up	E										12								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%
Low Income Program 14 Low Income Initiative Adjustment to 2020 savings		Ξ										1										0.00%	0.00.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00 /4	0.00%	0.00%	0.00 //	0.00%	0.00.0	0%
	Verified True-up			_								12								0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other  15 Aboriginal Conservation Program Adjustment to 2019 savings	Verified True-up											0								0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2019 savings	Verified True-up											0								0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots  Conservation Fund Pilot - EnerNOC Adjustment to 2019 savings	Verified	Ξ										12																							0%
	Verified True-up Verified	Ε			_		=					12		$\equiv$						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%
18 Loblaws Pilot Adjustment to 2019 savings 12 Conservation Fund Pilot - SEG	Verified True-up	Ε		#	=	=	_					12		=				+		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%
Adjustment to 2019 savings	Verified True-up			=								12								0.0	994	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2019 savings	Verified True-up											12								0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
Conservation First Framework Residential Province-Wide Programs 21. Save on Energy Coupon Program Adjustment to 2020 savings	Verified True-up											1								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%
22 Save on Energy Heating and Cooling Program Adjustment to 2020 savings	Verified True-up																			=															0%
Adjustment to 2020 savings  23 Save on Energy New Construction Program	True-up Verified	Ε		+								]								0.0	994 -	0.00%	0.00%	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 2020 savings	True-up					t														0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24 Save on Energy Home Assistance Program Adjustment to 2020 savings	Verified True-up																			0.0	996	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Non-Residential Province-Wide Programs 25. Save on Energy Audit Funding Program Adjustment to 2020 savings	Verified True-up											12								0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Save on Energy Retrofit Program Adjustment to 2020 savings	Verified True-up	Ē										12									96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Save on Energy Small Business Lighting Adjustment to 2020 savings	Verified True-up	Ē										12								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%
		_										12								_															0%
28 Save on Energy High Performance New Adjustment to 2020 savings	Verified True-up											12								0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29 Save on Energy Existing Building Adjustment to 2020 savings	Verified True-up											3								0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Save on Energy Process & Systems Upgrades Adjustment to 2020 savings	Verified True-up											12								0.0	9%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Adjustment to 2020 savings	Verified True-up											12								0.0	W.	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
												12								4.0		2.000.00	www.lis	W-100/78	0.00%	u.uU76	U. JUZI	u.at/76	0.0076	0.0076	w.w678	word?le	0.0078	w.w/78	
32 Save on Energy Energy Manager Program Adjustment to 2020 savings	Verified True-up											12								0.0	996	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Programs 33 Business Refrigeration Local Program	Verified											0																							0%
and the second sequences		_							_	_																									

Adjustment to 2020 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%	1
34 First Nation Conservation Local Program	Verified					=		$\pm$	$\pm$	0	1	$\pm$		=	$\overline{}$	$\pm$	$\equiv$															0%
Adjustment to 2020 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%	
36 Social Benchmarking Local Program Adjustment to 2020 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%
Pilot Programs  Enersource Hydro Mississauga Inc  Be Performance-Based Conservation Pilot Program  Conservation Fund Adjustment to 2020 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%
37 EnWin Utilities Ltd Building Optimization Pilot	Verified		+	=	_			+		12	1	+		_		_	=	0.0076	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00 /4	0.00%	0.00%	0.0076	0.00%	0.00%	
Adjustment to 2020 savings	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%
88 EnlWin Utilities Ltd Re-Invest Pilot Adjustment to 2020 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%
30 Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2020 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%
Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2020 savings	Verified								Ī	12				Ť																		0%
Hydro Ottawa Limited - Conservation Voltage	True-up					Ŧ	Ŧ			12				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%	
<ol> <li>Regulation (CVR) Leveraging AMI Data Pilot</li> <li>Adjustment to 2020 savings</li> </ol>	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%
42 Hydro Ottawa Limited - Residential Demand Adjustment to 2020 savings	Verified True-up								Ē									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2020 savings	Verified True-up									12 12			Ħ					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Niagara-on-the-Lake Hydro Inc Direct Install 44 Energy Efficiency Measures for the Agricultural	Verified									12																						0%
Sector Adjustment to 2020 savings	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%	
Gakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2020 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%
Oakville Hydro Electricity Distribution Inc     Direct Install - RTU Controls	Verified									12								0.00%														0%
Adjustment to 2020 savings  Toronto Hydro-Electric System Limited - Direct testali - Hadronin (Plint Savinos)	True-up Verified									12				$\pm$				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 2020 savings	True-up									12			Щ		ш		旦	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savinos) Adjustment to 2020 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%
Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2020 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%
Actual CDM Savings in 2020		0							Ė		0						Ī	0	0		0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2020 Distribution Rate in 2020				-				_1	-	 '	1				 		-11	\$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	
Loss Revenues in 2000 from 2011 programs Loss Revenues in 2000 from 2011 programs Loss Revenue in 2000 from 2011 programs Loss Revenue in 2000 from 2011 programs Loss Revenue in 2000 from 2011 programs Loss Revenues in 2000 from 2019 programs Total Loss Revenues in 2000 from 2019 programs Total Loss Revenues in 2000 Loss Revenu																		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Note: LDC to make note of key assumptions included	Lahnua																															

Note: LDC to make note of key assumptions include

Return to top



# LRAMVA Work Form: Carrying Charges by Rate Class

Version 4.0 (2020)

Legend

User Inputs (Green)
Auto Populated Cells (White)

Instructions (Grey)

Instructions

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

Table 6. Prescribed Interest Rates

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	2.45%
2019 Q2	2.18%
2019 Q3	2.18%
2019 Q4	2.18%
2020 Q1	2.18%
2020 Q2	2.18%
2020 Q3	
2020 Q4	

Check OEB website

Month	Period	Quarter	Monthly Rate	Main - Residential	Main - GS<50 kW	Main - GS 50 to 4,999 kW	Main - Large Use	Main - Streetlighting	STEI - Residential	STEI - GS<50 kW	STEI - GS 50 to 4,999 kW	STEI - Streetlighting	STEI- Unmetered Scattered Load					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	
Feb-11 Mar-11	2011	Q1 Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jun-11	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	
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	
Aug-11 Sep-11	2011 2011	Q3 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Oct-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	
Nov-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
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	
Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared Opening 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	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$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 \$0.00	\$0.00	\$0.00	\$0.00	
May-12 Jun-12	2011-2012 2011-2012	Q2 Q2	0.12%	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00		\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Jul-12	2011-2012	Q2 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Aug-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
Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Nov-12 Dec-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	\$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	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	
Amount Cleared				4	,	******	44.44	7	7.1.1	*	*****	42.02	45155	*****	7,,,,,	44.00		40.00
Opening Balan	ce 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
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Feb-13 Mar-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
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
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jul-13	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	
Aug-13 Sep-13	2011-2013	Q3 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
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	
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	
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	
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				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-14	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	
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
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	
May-14 Jun-14	2011-2014	Q2 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Jun-14 Jul-14	2011-2014	Q2 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
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
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	
Nov-14 Dec-14	2011-2014 2011-2014	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	
Total for 2014	2011-2014	Q4	U.1276	\$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				72.00	7.100	ţ0.00	+3100	+3.00	Ţ3.00	4.5100	15.00	1	Ţ3.00	41.00	+3.00	720		Ţ3.00
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
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	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
Dec-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
Total for 2015				\$0.00	\$0.00	\$0.00	\$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-16	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
Feb-16	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
Mar-16	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
Apr-16	2011-2016	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-16	2011-2016	Q2 Q2	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Jun-16 Jul-16	2011-2016	Q2 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-16	2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			0.09%				\$0.00						\$0.00	\$0.00	\$0.00		\$0.00	
Sep-16 Oct-16	2011-2016	Q3 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
Nov-16	2011-2016	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
Dec-16	2011-2016	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
Total for 2016		~	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	\$0.00
Amount Cleared				\$5.50	40.00	\$3.00	Ç0.00	<b>\$0.00</b>	<b>40.00</b>	<del>40.50</del>	<b>\$0.00</b>	<del>\$0.00</del>	<del>\$0.50</del>	<b>\$0.30</b>	<b>\$0.30</b>	<del>\$0.00</del>	<del>40.00</del>	ψ0.00
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-17	2011-2017	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
Feb-17	2011-2017	Q1	0.09%	\$5.42	\$1.68	\$10.25	\$0.00	\$0.71	\$2.90	\$1.30	\$1.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24.35
Mar-17	2011-2017	Q1	0.09%	\$10.84	\$3.36	\$20.50	\$0.33	\$1.41	\$5.80	\$2.59	\$3.86	\$0.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.69
Apr-17	2011-2017	Q2	0.09%	\$16.26	\$5.03	\$30.74	\$0.49	\$2.12	\$8.70	\$3.89	\$5.79	\$0.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$73.04
May-17	2011-2017	Q2	0.09%	\$21.67	\$6.71	\$40.99	\$0.65	\$2.83	\$11.60	\$5.18	\$7.73	\$0.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$97.39
Jun-17	2011-2017	Q2	0.09%	\$27.09	\$8.39	\$51.24	\$0.81	\$3.54	\$14.50	\$6.48	\$9.66	\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$121.74
Jul-17	2011-2017	Q3	0.09%	\$32.51	\$10.07	\$61.49	\$0.98	\$4.24	\$17.41	\$7.77	\$11.59	\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$146.08
Aug-17	2011-2017	Q3	0.09%	\$37.93	\$11.75	\$71.73	\$1.14	\$4.95	\$20.31	\$9.07	\$13.52	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$170.43
Sep-17	2011-2017	Q3	0.09%	\$43.35	\$13.42	\$81.98	\$1.30	\$5.66	\$23.21	\$10.36	\$15.45	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$194.78
Oct-17	2011-2017	Q4	0.13%	\$66.50	\$20.59	\$125.77	\$1.99	\$8.68	\$35.60	\$15.90	\$23.71	\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$298.81
Nov-17	2011-2017	Q4	0.13%	\$73.89	\$22.88	\$139.74	\$2.22	\$9.65	\$39.56	\$17.67	\$26.34	\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$332.01
Dec-17	2011-2017	Q4	0.13%	\$81.28	\$25.17	\$153.71	\$2.44	\$10.61	\$43.51	\$19.43	\$28.97	\$0.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$365.21
Total for 2017				\$416.75	\$129.04	\$788.13	\$12.50	\$54.41	\$223.10	\$99.63	\$148.56	\$0.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,872.54
Amount Cleared	ed																	
Opening Balan	nce for 2018			\$416.75	\$129.04	\$788.13	\$12.50	\$54.41	\$223.10	\$99.63	\$148.56	\$0.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,872.54
Jan-18	2011-2018	Q1	0.13%	\$88.67	\$27.46	\$167.69	\$2.66	\$11.58	\$47.47	\$21.20	\$31.61	\$0.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$398.41
Feb-18	2011-2018	Q1	0.13%	\$88.67	\$27.46	\$167.69	\$2.66	\$11.58	\$47.47	\$21.20	\$31.61	\$0.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$398.41
Mar-18	2011-2018	Q1	0.13%	\$88.67	\$27.46	\$167.69	\$2.66	\$11.58	\$47.47	\$21.20	\$31.61	\$0.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$398.41
Apr-18	2011-2018	Q2	0.16%	\$111.72	\$34.59	\$211.29	\$3.35	\$14.59	\$59.81	\$26.71	\$39.83	\$0.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$502.00
May-18	2011-2018	Q2	0.16%	\$111.72	\$34.59	\$211.29	\$3.35	\$14.59	\$59.81	\$26.71	\$39.83	\$0.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$502.00
Jun-18	2011-2018	Q2	0.16%	\$111.72	\$34.59	\$211.29	\$3.35	\$14.59	\$59.81	\$26.71	\$39.83	\$0.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$502.00
Jul-18	2011-2018	Q3	0.16%	\$111.72	\$34.59	\$211.29	\$3.35	\$14.59	\$59.81	\$26.71	\$39.83	\$0.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$502.00
Aug-18	2011-2018	Q3	0.16%	\$111.72	\$34.59	\$211.29	\$3.35	\$14.59	\$59.81	\$26.71	\$39.83	\$0.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$502.00
Sep-18	2011-2018	Q3	0.16%	\$111.72	\$34.59	\$211.29	\$3.35	\$14.59	\$59.81	\$26.71	\$39.83	\$0.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$502.00
Oct-18 Nov-18	2011-2018 2011-2018	Q4 Q4	0.18%	\$128.28 \$128.28	\$39.72 \$39.72	\$242.59 \$242.59	\$3.85 \$3.85	\$16.75 \$16.75	\$68.67 \$68.67	\$30.67 \$30.67	\$45.73 \$45.73	\$0.13 \$0.13	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$576.37 \$576.37
						\$242.59 \$242.59	\$3.85 \$3.85			\$30.67							\$0.00	
Dec-18 Total for 2018	2011-2018	Q4	0.18%	\$128.28 \$1,737.93	\$39.72 \$538.14	\$242.59 \$3,286.67	\$3.85 \$52.13	\$16.75 <b>\$226.90</b>	\$68.67 \$930.38	\$30.67 \$415.48	\$45.73 \$619.51	\$0.13 <b>\$1.73</b>	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$576.37 \$7,808.88
Amount Cleared				\$1,737.93	\$338.14	\$3,286.67	\$52.13	\$226.90	\$930.38	\$415.48	\$619.51	\$1.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,808.88
Opening Balan				\$1,737.93	\$538.14	\$3,286.67	\$52.13	\$226.90	\$930.38	\$415.48	\$619.51	\$1.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,808.88
Jan-19	2011-2019	Q1	0.20%	\$1,737.93	\$44.85	\$273.89	\$4.34	\$18.91	\$77.53	\$34.62	\$51.63	\$0.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$650.74
Feb-19	2011-2019	Q1	0.20%	\$144.83	\$44.85	\$273.89	\$4.34	\$18.91	\$77.53	\$34.62	\$51.63	\$0.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$650.74
Mar-19	2011-2019	Q1	0.20%	\$144.83	\$44.85	\$273.89	\$4.34	\$18.91	\$77.53	\$34.62	\$51.63	\$0.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$650.74
Apr-19	2011-2019	Q2	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82	\$68.99	\$30.81	\$45.94	\$0.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.03
May-19	2011-2019	Q2	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82	\$68.99	\$30.81	\$45.94	\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.03
Jun-19	2011-2019	Q2	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82	\$68.99	\$30.81	\$45.94	\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.03
Jul-19	2011-2019	Q3	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82	\$68.99	\$30.81	\$45.94	\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.03
Aug-19	2011-2019	Q3	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82	\$68.99	\$30.81	\$45.94	\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.03
Sep-19	2011-2019	Q3	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82	\$68.99	\$30.81	\$45.94	\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.03
Oct-19	2011-2019	Q4	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82	\$68.99	\$30.81	\$45.94	\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.03
Nov-19	2011-2019	Q4	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82	\$68.99	\$30.81	\$45.94	\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.03
Dec-19	2011-2019	Q4	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82	\$68.99	\$30.81	\$45.94	\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.03
Total for 2019				\$3,332.21	\$1,031.81	\$6,301.68	\$99.96	\$435.04	\$1,783.86	\$796.62	\$1,187.82	\$3.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,972.32
Amount Cleared	ed																	
Opening Balan				\$3,332.21	\$1,031.81	\$6,301.68	\$99.96	\$435.04	\$1,783.86	\$796.62	\$1,187.82	\$3.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,972.32
Jan-20	2011-2020	Q1	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$433.17
Feb-20	2011-2020	Q1	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$433.17
Mar-20	2011-2020	Q1	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$433.17
Apr-20		Q2	0.18%	\$128.87	\$39.90	\$243.71	\$3.87	\$16.82					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$433.17
	2011-2020			\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-20	2011-2020	Q2	0.0076				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-20 Jun-20	2011-2020 2011-2020	Q2	0.00%	\$0.00	\$0.00													
May-20 Jun-20 Jul-20	2011-2020 2011-2020 2011-2020	Q2 Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-20 Jun-20 Jul-20 Aug-20	2011-2020 2011-2020 2011-2020 2011-2020	Q2 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
May-20 Jun-20 Jul-20 Aug-20 Sep-20	2011-2020 2011-2020 2011-2020 2011-2020 2011-2020	Q2 Q3 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											
May-20 Jun-20 Jul-20 Aug-20 Sep-20 Oct-20	2011-2020 2011-2020 2011-2020 2011-2020 2011-2020 2011-2020	Q2 Q3 Q3 Q3 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	\$0.00 \$0.00 \$0.00											
May-20 Jun-20 Jul-20 Aug-20 Sep-20 Oct-20 Nov-20	2011-2020 2011-2020 2011-2020 2011-2020 2011-2020 2011-2020 2011-2020	Q2 Q3 Q3 Q3 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											
May-20 Jun-20 Jul-20 Aug-20 Sep-20 Oct-20 Nov-20 Dec-20	2011-2020 2011-2020 2011-2020 2011-2020 2011-2020 2011-2020 2011-2020 2011-2020 2011-2020	Q2 Q3 Q3 Q3 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	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00											
May-20 Jun-20 Jul-20 Aug-20 Sep-20 Oct-20 Nov-20	2011-2020 2011-2020 2011-2020 2011-2020 2011-2020 2011-2020 2011-2020 2011-2020 2011-2020	Q2 Q3 Q3 Q3 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											

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

User Inputs (Green) Drop Down List (Blue)

- 2. Please identify the source of the report via the dropdown list in Column I. 3. To facilisate 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 sawings value represents (i.e., current year sawings for the year or an adjustment to a prior year) via the diopdown list in Column J. Current year sawings would be identified with an implementation year that matches the year of the persistence report. A sawings adjustment would be identified with a prior year implementation in the future year's results report.
- 5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.
- NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

Portfolio	Program	Initiative	LDC	Sector	Conservation	#3 #2 (Implementation) Identify Source of	Identify Status of	Annual Peak Demand Savings at the End-User Level (kW)	
rortialio	Program	inidative	LDC	Sector	Resource Type	Year Report	Savings	Almost Peak Demails Sarings at the End-Oser Level (kw)	
					,,				
								20 20 20 20 20 20 20 20 20 20 20 20 20 2	2035
									34 35
	Business	Demand Response 3	Entegrus-Main		DR	2014 2014 Results Persist	nce Current year savings	0 0 47 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0
	Business	Direct Install Lighting	Entegrus-Main	Commercial	EE	2014 2014 Results Persist	nce Current year savings	0 0 109 106 96 55 55 55 55 55 55 55 55 54 23 0 0 0 0 0 0 0 0	0 0 0
	Business	Retrofit	Entegrus-Main	Commercial	EE	2014 2014 Results Persist	nce Current year savings	0 0 838 821 821 795 795 795 763 763 750 637 480 476 370 298 298 229 54 54 54 54	0 0 0
		Appliance Exchange	Entegrus-Main	Residential Residential	EE	2014 2014 Results Persist	nce Current year savings	0 0 13 13 13 13 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0
-		Appliance Retirement Appliance Retirement	Entegrus-Main Entegrus-Main	Residential	EE	2014 2014 Results Persist	nce Current year savings nce Current year savings		0 0 0
r		Appliance Retirement	Entegrus-Main	Residential	EE.	2014 2014 Results Perselt	nce Current year savings		0 0 0
c	Consumer	Appliance Retirement	Entegrus-Main	Residential	EE	2014 2014 Results Persist	nce Current year savings		0 0 0
c	Consumer	Appliance Retirement	Entegrus-Main	Residential	EE	2014 2014 Results Persist	nce Current year savings		0 0 0
IC	Consumer	Bi-Annual Retailer Event	Entegrus-Main	Residential	EE	2014 2014 Results Persist	nce Current year savings	0 0 58 51 47 47 47 47 47 47 47 44 40 34 34 34 34 33 27 27 27 27	0 0 0
iC	Consumer	Conservation Instant Coupon Booklet	Entegrus-Main	Residential	EE	2014 2014 Results Persist	nce Current year savings	0 0 15 14 14 14 14 14 14 14 12 9 9 9 9 9 9 4 4 4 4	0 0 0
c	Consumer	HVAC Incentives	Entegrus-Main	Residential	EE	2014 2014 Results Persist	nce Current year savings	0 0 188 188 188 188 188 188 188 188 188	0 0 0
IC		Residential Demand Response	Entegrus-Main	Residential	DR	2014 2014 Results Persist	nce Current year savings		0 0 0
c		Residential Demand Response	Entegrus-Main	Residential	DR	2014 2014 Results Persist	nce Current year savings		0 0 0
IC .		Residential Demand Response	Entegrus-Main	Residential Residential	DR DR	2014 2014 Results Persist	nce Current year savings nce Current year savings	0 0 109 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0
OC.		Residential Demand Response Residential Demand Response	Entegrus-Main Entegrus-Main	Residential	DR			0 0 126 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0
oc oc		Residential Demand Response	Entegrus-Main	Residential	DR	2014 2014 Results Persist 2014 2014 Results Results	nce Current year savings		0 0 0
nc nc		Residential Demand Response	Entegrus-Main	Residential	DR	2014 2014 Results Persist	nce Current year savings nce Current year savings		0 0 0
oc	Consumer	Residential Demand Response	Entegrus-Main	Residential	DR	2014 2014 Results Persist	nce Current year savings		0 0 0
c	Home Assists	Home Assistance Program	Entegrus-Main	Residential	EE	2014 2014 Results Persist	nce Current year savings	0 0 18 18 17 17 16 16 15 15 12 12 12 11 11 6 6 6 6 6 6 6	1 0 0
c	Industrial	Demand Response 3	Entegrus-Main	Industrial	DR	2014 2014 Results Persist	nce Current year savings	0 0 677 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0
IC .	Industrial	Energy Managers	Entegrus-Main	Industrial	EE	2014 2014 Results Persist	nce Current year savings	0 0 23 23 23 23 23 23 23 23 23 23 23 2 23 2 23 2 23 2 2 3 2	0 0 0
IC	Industrial	PSUI	Entegrus-Main	Industrial	EE	2014 2014 Results Persist	nce Current year savings	0 0 333 333 333 333 333 333 333 333 333	0 0 0
c	Other	Time-of-Use Savings	Entegrus-Main	Other	DR	2014 2014 Results Persist	nce Current year savings	0 0 499 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0
IC	Program Ena	LDC Program Enabled Savings	Entegrus-Main	Other	EE	2014 2014 Results Persist	nce Current year savings	0 0 45 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0
IC.	Business Business		St. Thomas Energy Inc. St. Thomas Energy Inc.	Commercial & Institutional Commercial & Institutional	DR	2013 2013 Results Persist 2012 2013 Results Persist	nce Current year savings	0 37 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0
ic .			St. Thomas Energy Inc. St. Thomas Energy Inc.		tt.	2012 2013 Results Persist	nce Adjustment nce Current year savines		0 0
OC .	Business Business	Small Business Lighting	St. Thomas Energy Inc.	Commercial & Institutional Commercial & Institutional	EE	2013 2013 Results Persist 2012 2013 Results Persist	nce Adjustment	0 281 258 267 246 228 223 223 223 222 189 149 149 65 2 2 2 2 2 2 2 2 2 0 1 1 1 1 1 1 0 0 0 0	- i i
IC	Business	Small Business Lighting	St. Thomas Energy Inc.	Commercial & Institutional	EE	2013 2013 Results Persist	nce Current year savings	0 196 196 171 79 19 19 19 19 19 19 19 14 14 0 0 0 0 0 0 0 0 0 0	0 0
IC.	Consumer	Annual Coupons	St. Thomas Energy Inc.	Residential	EE	2013 2013 Results Persist	nce Current year savings		0 0
C	Consumer	Appliance Exchange	St. Thomas Energy Inc.	Residential	EE	2013 2013 Results Persist	nce Current year savings	0 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0
IC.	Consumer	Appliance Retirement	St. Thomas Energy Inc.	Residential	EE	2013 2013 Results Persist	nce Current year savings	0 3 3 3 2 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0
c	Consumer	Bi-Annual Retailer Events	St. Thomas Energy Inc.	Residential	EE	2013 2013 Results Persist	nce Current year savings	0 3 3 3 3 3 3 3 2 2 2 1 1 1 1 1 1 1 0	0 0
<u>c</u>	Consumer	Home Assistance Program HVAC	St. Thomas Energy Inc. St. Thomas Energy Inc.	Residential Residential	EE	2013 2013 Results Persist	nce Current year savings nce Current year savings	0 11 11 11 10 10 10 10 10 7 7 7 7 7 7 3 1 1 1 1 1 1 1 1 0 0 8 2 82 82 82 82 82 82 82 82 82 82 82 82	0 0
	Consumer		St. Thomas Energy Inc. St. Thomas Energy Inc.	Residential	cc	2013 2013 Results Persist	nce Current year savings nce Current year savines	0 82 82 82 82 82 82 82 82 82 82 82 82 82	0 0
r	Consumer	Appliance Retirement	St. Thomas Energy Inc.	Residential	FF	2012 2013 Nisuits Persist 2013 2013 Results Persist	nce Current year savings		
OC .	Consumer	HVAC	St. Thomas Energy Inc.	Residential	EE	2012 2013 Results Persist	nce Adjustment		0 0
OC.	Business	Direct Install Lighting	St. Thomas Energy Inc.	Commercial	EE	2014 2014 Results Persist	nce Current year savings	0 0 91 90 78 50 50 50 50 50 50 50 49 8 0 0 0 0 0 0 0	
oc	Business	Energy Audit	St. Thomas Energy Inc.	Commercial	EE	2013 2014 Results Persist	nce Adjustment		
oc .	Business	Energy Audit	St. Thomas Energy Inc.	Commercial	EE	2014 2014 Results Persist	nce Current year savines	0 0 13 13 13 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
OC	Business Business	Retrofit	St. Thomas Energy Inc. St. Thomas Energy Inc.	Commercial Commercial	EE	2012 2014 Results Persist 2013 2014 Results Persist	nce Adjustment	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-
DC .		Retrofit	St. Thomas Energy Inc. St. Thomas Energy Inc.	Commercial	tt.		nce Adjustment nce Current year savings	0 14 13 15 15 11 11 11 11 11 11 11 11 11 11 13 0 0 0 0	
DC .	Consumer	Appliance Exchange	St. Thomas Energy Inc.	Residential	EE	2014 2014 Results Persist	nce Current year savings	0 0 135 135 155 166 166 166 170 170 170 170 170 170 170 170 170 170	-
DC	Consumer	Appliance Retirement	St. Thomas Energy Inc.	Residential	EE	2014 2014 Results Persist	nce Current year savines		
DC	Consumer	Appliance Retirement	St. Thomas Energy Inc.	Residential	EE	2014 2014 Results Persist	nce Current year savings		
DC	Consumer	Appliance Retirement	St. Thomas Energy Inc.	Residential	EE	2014 2014 Results Persist	nce Current year savings	0 0 2 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
DC	Consumer	Appliance Retirement	St. Thomas Energy Inc.	Residential	EE	2014 2014 Results Persist	nce Current year savings	0 0 2 2 2 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0	-
DC	Consumer	Bi-Annual Retailer Event Conservation Instant Coupon Booklet	St. Thomas Energy Inc. St. Thomas Energy Inc.	Residential Residential	EE	2014 2014 Results Persist 2013 2014 Results Persist	nce Current year savings	0 0 24 21 19 19 19 19 19 19 19 18 16 14 14 14 14 11 11 11 11	-
oc.		Conservation Instant Coupon Booklet	St. Thomas Energy Inc.	Residential	EE.		nce Current year savings		
nc nc		Home Assistance Program	St. Thomas Energy Inc.	Residential	FF		nce Current year savings	0 0 4 4 4 4 4 4 4 4 3 3 3 3 3 3 1 0 0 0 0 0	-
OC .		HVAC Incentives	St. Thomas Energy Inc.	Residential	DR	2013 2014 Results Persist		0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
DC	Consumer	HVAC Incentives	St. Thomas Energy Inc.	Residential	EE	2014 2014 Results Persist	nce Current year savings	0 0 94 94 94 94 94 94 94 94 94 94 94 94 94	
OC .	Other	Time-of-Use Savings	St. Thomas Energy Inc.	Other	DR	2014 2014 Results Persist	nce Current year savings	0 0 162 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
C	Business	Demand Response 3	St. Thomas Energy Inc.	Commercial	DR	2014 2014 Results Persist	nce Current year savings	0 0 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
OC .	Industrial	Demand Response 3	St. Thomas Energy Inc.	Industrial	DR		nce Current year savings	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-
JC.		Energy Managers	St. Thomas Energy Inc. St. Thomas Energy Inc.	Industrial Industrial	tt.	2012 2014 Results Persist 2013 2014 Results Persist	nce Adjustment		
IC .		Energy Managers Energy Managers	St. Thomas Energy Inc.	Industrial	EE	2014 2014 Results Persist 2014 2014 Results Persist	nce Current year savines		
ic					1				
c									
c									
C			+						-
c			1						-
ic					1				
ос									
er1									
r1									
r1									
r1			+						-
r1			+						-
			+						
			1						-
					1				
			+						-
			+						-
							_		

		#1 Net Verified	Annual Energy	Savings at th	ie End-User Le	evel (kWh)																									
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	2038	2039	2040
0	0	0	0	0	394 5,046	383 4,987	346 4,987 24	204 4,894 24	204 4,894	204 4,894	204 4,699	204 4,699	204 4,562	204 3,705	196 2,766	78 2,661	1,963	1,710	1,710	1,274	0 124	0 124	0 124	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	34 0 47	34 0 47	34 0 47	34 0 47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	888 203	770 189	709 183	709 183	709 183	709 183	709 183	709 182	709 182	659 156	641 144	542 142	542 142	534 142	534 142	533 141	434 64	434 64	434 64		0	0	0	0	0	0	0
0	0	0	0	0	345 0	345 0	345 0	345 0	0	345 0	345 0	345 0	345 0	345 0	345 0	345 0	345 0	345 0	345 0	345 0	345 0	345 0	325 0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0 172	0 172	0 158	0 152	0	0 141	0 127	122	0 65	0 64	63	63	0	0	0	0	0 18	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	314 3.317	314 3.317	0 314 3.317	314 3,317	314 3.317	314 3,317	314 3.317	314 3,317	314 3.317	0 314 3,317	39	0 34	0 34	0 34	34	1	1	1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0 134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			178	178 1.433	178 1388	178 1.386	178 1.315	178 1.259	173 1.233	173 1.233	169 1.231	135 1.228	60 1.032	55 771	55 759	55 247	55 32	39 32	0 27	0	0	0	0	0	0						
			2	708 23	708 23	2	2 287 18	0 87 18	0	0 87 18	0 87 18	0 87	0 87 13	0 47 12	0 44 12	0 0	0	0	0	0	0	0	0	0	0						
				6 20	6 20	6 20	6 20	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
			0	140 140	130 140	47 130 140	37 115 140	37 112 140	37 108 140	37 108 140	37 108 140	31 54 140	31 54 140	27 54 140	17 54 140	17 54 140	17 54 140	17 21 140	16 8 140	14 8 140	8 8 140	8 8 124	8 8 0	0 8 0	0				=		
			0 0	0	0	0 0	0 0	0 0	0 0	0	0	0 0	0	0 0	0 0	0 0	1 0	0 0	0	0	0	0	0	0	0				=		
			0 177,935	494 177,935	0 177,935		0 177,935	0 177,935	0 172,538	0 172,538	0 168,694	0 134,985	0 60,279	0 54,586	0 54,586	0 54,586	0 54,586	0 39,032	0	0	0	0	0	0	0						
			2,316 0	1.432.573 2,316 707,634	2,316 707,634	2,171 617,196	2,171 286,625	223 87,004	1.232.546 223 87,004	223 87,004	1.231.081 223 87,004	223 87,004	1.032.307 223 87,004	770.777 223 46,517	758.631 0 43,840	0	31.586 0	31.586 0	26.520 0	5.712 0 0	5.712 0 0	5.712 0 0	5.712 0 0	0	0						
			0	22.655 6,280 20.157	22.655 6,280 20.157	6,280	18.454 6,280 19.952	18.454 0 11.975	18.454 0	18.454 0	18.439 0	13.408 0	13.408 0	12.191 0	12.018 0	12.018 0	11.968 0	11.968 0	11.958 0	11.588 0	6.802 0	6.802 0	6.802 0	0	0				=		
			0	50.497 139,533 140.361	50.497 130,380 140.361	47,455 129,548	37.071 115,412 140.361	37.071 111,672	107,932	37.071 107,932 140.361	37.027 107,932 140.361	31.138 54,195 140.361	31.138 54,195 140.361	27.095 54,154 140.361	17,420 54,154 140,361	17.420 54,154 140.361	16,500 54,154 140,361	16.500 21,164 140.361	16.382 8,208 140.361	14.141 8,208 140.361	8,300 8,208 140,361	8,300 8,208 124,064	8,300 8,208	8,208	0						
			623 0	140.361 623 18	623 18	623 18	623 18	623 10	623	623 0	623 0	623 0	623 0	623 0	623	623	623 0	623 0	623 0	623 0	140.361 552 0	124,064 0 0	0	0	0				$\equiv$		
		0	24 0	24 0 48.483	24 326,654 48,483	324,666	24 281,723 48,483	24 190,189	24 190,189	24 190,189	24 190,189	24 190,189	24 190,189	24 190,189	24 180,967	24 25,213	24 0	24 0	24 0	24 0	23 0	0	0	0	0				=	=	
		0	0 34,553	0 34,553	65,274 34,553	65,274 34,553	65,274 34,553	65,274 34,553	34,553	0 34,553	0 34,553	0 34,553	0 34,553	0 34,553	0 34,553	0 34,553	0 34,553	0 24,707	0	0	0	0	0	0							
		0	0	71.471 0	67.299 709,171 14.778	67.299 706,603 14.778	67.299 706,603 14.778	59.257 683,501 14.778	59.257 683,501 0	59.257 683,501 0	59.257 658,852 0	59.257 658,852 0	59.257 622,746 0	58.097 508,386 0	58.097 378,604 0	9.590 343,732 0	119,717 0	112,424 0	112,424 0	88,788 0	6,805 0	6,805 0	6,805 0	6,805 0							
		0	0	0	0 316 11.099	0 316 11.099	0 316 11.099	0 316	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
		0	0	0	11,442 361.253	11,442	11,442 288.436	11,442 288.436	11,442	288.436	288.436	0 288.311	0 288.311	268.145	260.688	220.440	220.440	217.283	217.283	0 216.976	0 176.387	176.387	176.387	176.387					#		
		0	0	69 0	83,209 46.133		74,720 41.565	74,720 40.231	57 74,720 38.898	74,720 38.898	57 74,720 38.898	48 74,576 38.898	74,576 22.545	63,866 22,545	59,038 22.545	58,136 22.545	58,136 22.545	57,789 22.545	57,789 10.549	57,720 0	24 26,046 0	24 26,046 0	26,046 0	26,046 0							
		0	0	4,439 0	4,439 172.496 0	4,439 172,496 0	4,439 172.496 0	4,439 172.496 0	4.439	4,439 172.496 0	4,439 172.496 0	4,439 172.496 0	4,439 172,496 0	4,439 172,496 0	4,439 172.496 0	4,439 172.496 0	4,439 172.496 0	4,439 172.496 0	4,439 172.496 0	4,439 172.496 0	4,439 172.496 0	4,084 172,496 0	163.399 0	0					=		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					=		
		0	0	10,468	10,468 4,375		0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0 4,375	0	0							
																													#		
																													=		

# LRAMVA Work Form: Documentation for Streetlighting Projects

Version 4.0 (2020)

Legend

User Inputs (Green)

#### Instructions

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

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

#### Table 8-a: Parkhill

#### Summary of Project #1 (2014)

	Actual los	t revenue based	on kW billing	
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	ь	С	b * c
Jan-14	-			
Feb-14	-			
Mar-14				
Apr-14				
May-14				
Jun-14				
Jul-14				
Aug-14				
Sep-14				
Oct-14				
Nov-14	51.60		-	-
Dec-14	22.49	29.11	0.72	20.96
Total	22.49			20.96
Persistence in	2015			251.51
Persistence in	2016			251.51
Persistence in	2017			251.51
Persistence in	2018			251.51
Persistence in	2019			251.51
Persistence in	2020			251.51

#### Details of Project #1 (Month, 2014)

Pre-conversion billing demand			
	Billing		Billed
Fixture type		Quantity	
	(kW)		(kW)
	d	e	d * e
			0
Total			0.00

Post-conversion billing demand	Billing		Billed
Fixture type		Quantity	amount (kW)
	d <sub>1</sub>	e 1	d 1 * e 1
			0
T-4-1			0.00

#### Table 8-b: Strathroy and Mount Brydges

#### Summary of Project #2 (2015)

	,		,	
Month	Actual los Billed amount (kW)	Gross kW reduction	on kW billing  Net to Gross  Ratio	Net kW reduction
	a	b		b * c
Jan-15	-			
Feb-15	-			
Mar-15				
Apr-15				
May-15				
Jun-15				
Jul-15				

### Details of Project #2 (Month, 2015)

Pre-conversion billing demand

Fixture type	Billing Wattage (kW) d	Quantity e	Billed amount (kW) d * e
			0

Post-conversion billing demand			
Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d 1	e <sub>1</sub>	d 1 * e 1
			0

Aug-15				
Sep-15				
Oct-15				
Nov-15				
Dec-15	308.00	308.00	0.66	201.90
Total	109.00			201.90
Persistence in	2015			1,565.39
Persistence in	2016			1,565.39
Persistence in	2017			1,565.39
Persistence in 2018				1,565.39
Persistence in	2019			1,565.39
Persistence in	2020			1,565.39

Total		0.00

Total		0.00

Table 8-c: St. Thomas

Summary of Project #3 (2016)

Juillia	Summary of Project #3 (2016)						
	Actual los	t revenue based	on kW billing				
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction			
	a	b		b * c			
Jan-16			0.74	-			
Feb-16		•	0.74	-			
Mar-16			0.74	-			
Apr-16	99.43	99.43	0.74	73.71			
May-16	107.96	207.39	0.74	153.74			
Jun-16		207.39	0.74	153.74			
Jul-16	93.89	301.28	0.74	223.35			
Aug-16		301.28	0.74	223.35			
Sep-16	4.00	305.28	0.74	226.31			
Oct-16	8.24	313.52	0.74	232.42			
Nov-16	2.00	315.52	0.74	233.90			
Dec-16	0.38	315.90	0.74	234.18			
Total	315.9			1,754.70			
Persistence in	Persistence in 2017 2,083.						
Persistence in	2018			2,083.26			
Persistence in	2019			2,083.26			
Persistence in	2020			2,083.26			

#### Details of Project #3 (January, 2016)

Fixture type	Billing Wattage (kW) d	Quantity	Billed amount (kW) d * e
HPS 50	0.065	e 4	0.26
HPS 70	0.063	2,355	228.44
HPS 100	0.133	700	93.10
HPS 150	0.190	1,405	266.95
HPS 200	0.250	10	2.50
HPS 250	0.315	433	136.40
HPS 400	0.480	5	2.40
LED-D 100	0.094	9	0.84
LED 100	0.107	15	1.61
Total			732.49

#### Details of Project #3 (December, 2016)

Fixture type	Billing Wattage (kW) d 1	Quantity e 1	Billed amount (kW) d <sub>1</sub> *e <sub>1</sub>
HPS 50	0.065	4	0.26
HPS 70	0.097	117	11.349
HPS 100	0.133	148	19.684
HPS 150	0.190	97	18.43
HPS 200	0.250		0
HPS 250	0.315	182	57.33
HPS 400	0.480		0
LED 40	0.040	4	0.16
LED 49	0.049	2,238	109.662
LED 60	0.060	7	0.42
LED 72	0.072	549	39.528
LED 95	0.095	1,297	123.215
LED-D 100	0.094	9	0.846
LED 100	0.107	15	1.605
LED 133	0.133	249	33.117
LED 180	0.173	4	0.692
Total			416.30

Note: Details by month were filed in EB-2018-0029 as Entegrus\_STT\_Q13Calculations\_20181122.xlsx

Table 8-d: Chatham Kent

Summary of Project #4 (2016)

	Actual lost revenue based on kW billing							
Month	Billed amount (kW)	Gross kW reduction	Cumulative Gross kW reduction	Net to Gross Ratio	Net kW reduction			
		a	b		b * c			
Jan-16	-	-	-	1.00				
Feb-16	-	-	-	1.00				
Mar-16	-	-	-	1.00				
Apr-16	-	-	-	1.00				
May-16			-	1.00				
Jun-16	1,631.2		-	1.00				
Jul-16	1,631.2	-	-	1.00				
Aug-16	1,581.2	50	50	1.00	49.97			
Sep-16	1,471.2	110	160	1.00	159.84			
Oct-16	1,305.2	166	326	1.00	325.64			
Nov-16	1,148.2	157	483	1.00	482.46			
Dec-16	1,005.2	143	626	1.00	625.26			
Total					1,643.17			
Persistence in 2017					7,503.08			
Persistence in 2018					7,503.08			
Persistence in	2019				7,503.08			
Persistence in	2020				7,503.08			

#### Details of Project #4 (Dec, 2016)

Pre-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d	e	d * e
HPS	0.086	1	0.09
HPS	0.112	3,198	358.18
HPS	0.152	1,840	279.68
HPS	0.215	5	1.08
HPS	0.286	943	269.70
HPS	0.389	35	13.62
Total			922.33

Post-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d 1	e 1	d 1 * e 1
LED	0.041	1	0.041
LED	0.041	3,198	131.118
LED	0.053	1,840	97.52
LED	0.067	5	0.335
LED	0.067	943	63.181
LED	0.108	35	3.78
Total			295.98

	Actual lost revenue based on kW billing						
Month	Billed amount (kW)	Gross kW reduction	Cumulative Gross kW reduction	Net to Gross Ratio	Net kW reduction		
		a	b		b * c		
Jan-17	912.23	93.00	93.00	1.04	96.66		
Feb-17	858.23	54.00	147.00	1.04	152.79		
Mar-17	782.23	76.00	223.00	1.04	231.78		
Apr-17	745.20	37.03	260.03	1.04	270.27		
May-17	745.20		260.03	1.04	270.27		
Jun-17	718.20	27.00	287.03	1.04	298.34		
Jul-17			287.03	1.04	298.34		
Aug-17			287.03	1.04	298.34		
Sep-17			287.03	1.04	298.34		
Oct-17			287.03	1.04	298.34		
Nov-17			287.03	1.04	298.34		
Dec-17			287.03	1.04	298.34		
Total					3,013.46		
Persistence in	2018				3,580.02		
Persistence in	2019				3,580.02		
Persistence in	2020				3,580.02		

#### Pre-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d	e	d * e
HPS	0.086	995	85.57
HPS	0.112	1,202	134.62
HPS	0.152	495	75.24
HPS	0.215		-
HPS	0.286	450	128.70
HPS	0.389	30	11.67
Total			435.80

#### Post-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d <sub>1</sub>	e 1	d <sub>1</sub> * e <sub>1</sub>
LED	0.041	995	40.795
LED	0.041	1,202	49.282
LED	0.053	495	26.235
LED	0.067	٠	0
LED	0.067	450	30.15
LED	0.108	30	3.24
Total			149.70



# **ATTACHMENT I**

Entegrus-Main Proposed Rates

# **Effective and Implementation Date May 1, 2020**

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

## 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.

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

Service Charge	\$	25.16
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 (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0015
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2020

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

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account 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.

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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	31.59
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0104
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

0.25

\$

Effective and Implementation Date May 1, 2020

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

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

This classification applies to a non-residential account whose average monthly maximum 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.

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

Service Charge	\$	102.42
Distribution Volumetric Rate	\$/kW	3.3926
Low Voltage Service Rate (see Note 1)	\$/kW	0.6201
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kW	0.1172
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	0.1517
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.4746
Retail Transmission Rate - Network Service Rate	\$/kW	2.6857
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.2443
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2020

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

# 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.

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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	1,563.04
Distribution Volumetric Rate	\$/kW	2.3870
Low Voltage Service Rate (see Note 1)	\$/kW	0.6818
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 202 Applicable only for Non-RPP Customers	21 \$/kWh	(0.0009)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAI effective until April 30, 2021	MVA) (2020) - \$/kW	0.0122
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 202	21 \$/kW	0.3609
Retail Transmission Rate - Network Service Rate	\$/kW	2.8497
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.4675
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

Effective and Implementation Date May 1, 2020

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

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account 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.

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

Service Charge	\$	8.46
Distribution Volumetric Rate	\$/kWh	0.0015
Low Voltage Service Rate	\$/kWh	0.0015
· ·	Ψ/	0.00.0
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0017
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2020

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

## SENTINEL LIGHTING SERVICE CLASSIFICATION

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

#### **APPLICATION**

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

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

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

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

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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge Distribution Volumetric Rate Low Voltage Service Rate	\$ \$/kW \$/kW	7.69 0.6891 0.4661
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kW \$/kW \$/kW	(0.0009) 0.5969 1.9729 1.6868
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)	\$/kWh \$/kWh \$/kWh	0.0030 0.0004 0.0005

Effective and Implementation Date May 1, 2020

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

## 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.

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

Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	1.17
Distribution Volumetric Rate	\$/kW	0.9826
Low Voltage Service Rate	\$/kW	0.4552
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kW	0.9252
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.5753
Retail Transmission Rate - Network Service Rate	\$/kW	1.9527
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6475
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

\$/kWh

0.0005

Effective and Implementation Date May 1, 2020

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

#### 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.

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

Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	135.70
Low Voltage Service Rate	\$/kW	0.6201
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.7533
Retail Transmission Rate - Network Service Rate	\$/kW	2.6857
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2443
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

\$/kWh

0.0005

Effective and Implementation Date May 1, 2020

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

### 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**

General Service > 50 kW - 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.

\$\( \) \

2.3870

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.

\$\footnote{k}\text{W}\$

# Entegrus Powerlines Inc. For Entegrus-Main Rate Zone TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

### 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

## Entegrus Powerlines Inc. For Entegrus-Main Rate Zone TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2020

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

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 - 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)	\$	44.15
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.

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	101.20
Monthly fixed charge, per retailer	\$	40.48
Monthly variable charge, per customer, per retailer	\$/cust.	1.01
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.01
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code		
directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction		
(EBT) system, applied to the requesting party		
Up to twice a year	\$	No charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.05

#### 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

# Entegrus Powerlines Inc. For Entegrus-Main Rate Zone TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

### **NOTES**

1) The Billing Demand for Line and Transformation Connection Services and Low Voltage Services is defined as the Non-Coincident Peak demand (MW) in any hour of the month. The customer demand in any hour is the sum of (a) the loss adjusted demand supplied from the distribution system plus (b) the demand that is supplied by embedded generation installed after October 1998, which have installed capacity of 2MW or more for renewable generation and 1 MW or higher for nonrenewable generation. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Bio-gas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for losses.



### **ATTACHMENT J**

Entegrus-Main Bill Impacts



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 2018 of \$0.1117/kWh (IESO's Monthly Market Report for May 2018, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
- 2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

#### Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0432	1.0432	700		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0432	1.0432	2,000		CONSUMPTION	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0432	1.0432	162,500	500	DEMAND	
LARGE USE SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0432	1.0432	2,700,000	5,500	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0432	1.0432	150		CONSUMPTION	1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0432	1.0432	150	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0432	1.0432	150	1	DEMAND	1
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0432	1.0432	368,500	794	DEMAND	
STANDBY POWER SERVICE CLASSIFICATION	kWh		1.0432	1.0432				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0432	1.0432	132		CONSUMPTION	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0432	1.0432	750		CONSUMPTION	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0432	1.0432	2,000		CONSUMPTION	
Add additional scenarios if required			1.0432	1.0432				
Add additional scenarios if required			1.0432	1.0432				
Add additional scenarios if required			1.0432	1.0432				
Add additional scenarios if required			1.0432	1.0432			, and the second second	
Add additional scenarios if required			1.0432	1.0432				
Add additional scenarios if required			1.0432	1.0432			, and the second second	
Add additional scenarios if required			1.0432	1.0432				
Add additional scenarios if required			1.0432	1.0432				

#### Table 2

RATE CLASSES / CATEGORIES					Suk	o-Total				Total	
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Α				В		С		Total Bill	
(eg. Residential 100, Residential Retailer)		\$	%		\$	%	\$	%	Total Total Bill \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	%	
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.33	1.3%	\$	0.89	3.0%	\$ 1.33	3.4%	\$	1.39	1.3%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 0.73	1.4%	\$	2.33	3.6%	\$ 3.16	3.6%	\$	3.32	1.2%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 34.66	1.9%	\$	36.41	1.6%	\$ 136.01	2.9%	\$	153.69	0.6%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 128.99	0.9%	\$	(1,280.16)	-6.6%	\$ (97.11)	-0.2%	\$	(109.73)	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.09	1.0%	\$	0.27	2.9%	\$ 0.33	3.0%	\$	0.38	1.4%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.09	1.1%	\$	0.35	3.6%	\$ 0.50	3.8%	\$	0.56	1.6%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.72	30.7%	\$	0.68	16.8%	\$ 0.82	11.0%	\$	0.93	3.3%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 1.41	1.0%	\$	95.81	12.0%	\$ 253.98	5.6%	\$	286.99	0.5%
STANDBY POWER SERVICE CLASSIFICATION -	kWh	\$ -	0.0%	\$	-	0.0%	\$ -	0.0%	\$	-	0.0%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.27	1.1%	\$	0.38	1.4%	\$ 0.46	1.6%	\$	0.48	1.2%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 0.34	1.3%	\$	0.19	0.6%	\$ 0.65	1.6%	\$	0.74	0.5%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 0.46	1.8%	\$	0.06	0.1%	\$ 1.31	2.0%	\$	1.48	0.4%
	ĺ										
	İ			1							

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

700 kWh Consumption - kW 1.0432 1.0432 Demand Current Loss Factor

Proposed/Approved Loss Factor

		Current Of	B-Approved	d				Proposed			Ir	npact
		ate	Volume		Charge		Rate	Volume	Charge			
M (11 0 : 0)	•	(\$) 24.90		•	(\$)	\$	(\$) 25.16	4	(\$)	10	\$ Change \$ 0.26	% Change 1.04%
Monthly Service Charge	\$	24.90		\$	24.90	\$	25.16	700	\$ 25.	16	\$ 0.26	1.04%
Distribution Volumetric Rate	3	-	700		-	Þ	-	700			<b>5</b> -	
Fixed Rate Riders	\$	-	1	\$		<b>\$</b>	-	1	\$ -		\$ -	400 000/
Volumetric Rate Riders	\$	0.0001	700	\$	0.07	\$	0.0002	700			\$ 0.07	100.00%
Sub-Total A (excluding pass through)		0.0004	30		24.97		0.0004	30		30	\$ 0.33 \$ -	1.32%
Line Losses on Cost of Power	\$	0.0824	30	\$	2.49	\$	0.0824	30	\$ 2.	49	\$ -	0.00%
Total Deferral/Variance Account Rate	\$	0.0007	700	\$	0.49	\$	0.0015	700	\$ 1.	05	\$ 0.56	114.29%
Riders												
CBR Class B Rate Riders	\$	-	700		-	\$	-	700	\$ -		\$ -	
GA Rate Riders	\$		700	\$		\$		700	\$ -		\$ -	
Low Voltage Service Charge	\$	0.0017	700	\$	1.19	\$	0.0017	700	\$ 1.	19	\$ -	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			700	\$	-	\$	-	700	\$ -		\$ -	
Sub-Total B - Distribution (includes Sub-				\$	29.71				\$ 30.	60	\$ 0.89	3.00%
Total A)				<u> </u>								
RTSR - Network	\$	0.0067	730	\$	4.89	\$	0.0070	730	\$ 5.	11	\$ 0.22	4.48%
RTSR - Connection and/or Line and	\$	0.0057	730	\$	4.16	\$	0.0060	730	\$ 4.	38	\$ 0.22	5.26%
Transformation Connection	<u> </u>			_		_					• • • • • • • • • • • • • • • • • • • •	0
Sub-Total C - Delivery (including Sub-				\$	38.77				\$ 40.	09	\$ 1.33	3.43%
Total B)									*		•	0.1070
Wholesale Market Service Charge	\$	0.0034	730	\$	2.48	\$	0.0034	730	\$ 2.	48	\$ -	0.00%
(WMSC)	ļ *			1	-				•		•	
Rural and Remote Rate Protection	\$	0.0005	730	\$	0.37	\$	0.0005	730	\$ 0.	37	\$ -	0.00%
(RRRP)	Ĭ.								*		•	
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$ 0.		\$ -	0.00%
TOU - Off Peak	\$	0.0650	455	\$	29.58	\$	0.0650	455	\$ 29.		\$ -	0.00%
TOU - Mid Peak	\$	0.0940	119		11.19	\$	0.0940	119	\$ 11.		\$ -	0.00%
TOU - On Peak	\$	0.1340	126	\$	16.88	\$	0.1340	126	\$ 16.	88	\$ -	0.00%
Total Bill on TOU (before Taxes)				\$	99.51				\$ 100.			1.33%
HST		13%		\$	12.94		13%		\$ 13.		\$ 0.17	1.33%
8% Rebate		8%		\$	(7.96)		8%			07)		
Total Bill on TOU				\$	104.48				\$ 105.	88	\$ 1.39	1.33%

In the manager's summary, discuss the reason

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

	Curren	t OEB-Approve	d		Proposed	I	In	npact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 31		\$ 31.26		1	\$ 31.59		1.06%
Distribution Volumetric Rate	\$ 0.01	2000	\$ 20.60	\$ 0.0104	2000			0.97%
Fixed Rate Riders	<b> \$</b>		\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.00	01 2000		\$ 0.0002	2000			100.00%
Sub-Total A (excluding pass through)			\$ 52.06			\$ 52.79		1.40%
Line Losses on Cost of Power	\$ 0.08	24 86	\$ 7.12	\$ 0.0824	86	\$ 7.12	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ 0.00	2,000	\$ 1.60	\$ 0.0016	2,000	\$ 3.20	\$ 1.60	100.00%
Riders	1.	,	*				*	
CBR Class B Rate Riders	\$	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	<b> \$</b>	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00	2,000	\$ 3.00	\$ 0.0015	2,000	\$ 3.00	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0	<b>57</b> 1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$	1	\$ -	\$ -	1	-	\$ -	
Additional Volumetric Rate Riders		2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 64.35			\$ 66.68	\$ 2.33	3.62%
Total A) RTSR - Network	\$ 0.00	59 2,086	\$ 12.31	\$ 0.0061	2,086	\$ 12.73	\$ 0.42	3.39%
RTSR - Network RTSR - Connection and/or Line and	3 0.00	2,000	φ 12.31	\$ 0.0061	2,000	\$ 12.73	\$ 0.42	3.39%
Transformation Connection	\$ 0.00	2,086	\$ 10.43	\$ 0.0052	2,086	\$ 10.85	\$ 0.42	4.00%
Sub-Total C - Delivery (including Sub-								
Total B)			\$ 87.09			\$ 90.25	\$ 3.16	3.63%
Wholesale Market Service Charge								
(WMSC)	\$ 0.00	2,086	\$ 7.09	\$ 0.0034	2,086	\$ 7.09	\$ -	0.00%
Rural and Remote Rate Protection								
(RRRP)	\$ 0.00	2,086	\$ 1.04	\$ 0.0005	2,086	\$ 1.04	\$ -	0.00%
Standard Supply Service Charge	s n	25 1	\$ 0.25	\$ 0.25	1	\$ 0.25	s -	0.00%
TOU - Off Peak	\$ 0.06		\$ 84.50		1,300	\$ 84.50		0.00%
TOU - Mid Peak	\$ 0.09		\$ 31.96		340	\$ 31.96		0.00%
TOU - On Peak	\$ 0.13			\$ 0.1340	360	\$ 48.24		0.00%
	0.10	500	70.27	÷ 5040	000	7 70.24	ı <del>-</del>	0.5070
Total Bill on TOU (before Taxes)	1		\$ 260.17	T		\$ 263.34	\$ 3.16	1,22%
HST	1	3%	\$ 33.82	13%	.[	\$ 34.23		1.22%
8% Rebate		8%	\$ (20.81			\$ (21.07)		1.2270
Total Bill on TOU		J , J	\$ 273.18			\$ 276.51		1.22%
	<u> </u>		270.10			2.0.01	, J.02	1.2270

Customer Class: GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

HST

Standard Supply Service Charge Average IESO Wholesale Market Price

Total Bill on Average IESO Wholesale Market Price

Total Bill on Average IESO Wholesale Market Price

RPP / Non-RPP: Non-RPP (Other)
Consumption 162,500 kWh 500 kW Demand Current Loss Factor 1.0432 Proposed/Approved Loss Factor 1.0432

	Current O	EB-Approved	i	T		Proposed			Im	npact
	Rate	Volume	Charge		Rate	Volume	Charge			
	(\$)		(\$)		(\$)		(\$)		Change	% Change
Monthly Service Charge	\$ 101.36	1	\$ 101.36		102.42	1	\$ 102.42	\$	1.06	1.05%
Distribution Volumetric Rate	\$ 3.3573	500	\$ 1,678.65	\$	3.3926	500	\$ 1,696.30	\$	17.65	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$	-	1	\$ -	\$	-	
Volumetric Rate Riders	\$ 0.0852	500		\$	0.1171	500			15.95	37.44%
Sub-Total A (excluding pass through)			\$ 1,822.61				\$ 1,857.27	\$	34.66	1.90%
Line Losses on Cost of Power	\$ -	-	\$ -	\$	-	-	\$ -	\$	-	
Total Deferral/Variance Account Rate Riders	\$ 0.2978	500	\$ 148.90	\$	0.6263	500	\$ 313.15	\$	164.25	110.31%
CBR Class B Rate Riders	\$ -	500	\$ -	\$	-	500	\$ -	\$	-	
GA Rate Riders	\$ 0.0001	162,500	\$ 16.25	-\$	0.0009	162,500	\$ (146.25)	\$	(162.50)	-1000.00%
Low Voltage Service Charge	\$ 0.6201	500	\$ 310.05	\$	0.6201	500	\$ 310.05		-	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$	_	1	\$ -	\$	-	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$	_	1	\$ -	\$	-	
Additional Volumetric Rate Riders		500	\$ -	\$	-	500	\$ -	\$	-	1
Sub-Total B - Distribution (includes Sub-			\$ 2,297.81				\$ 2,334.22	\$	36.41	1.58%
Total A)	 0.5004	500	A 4004.05		0.0057	500	A 4040.0E		54.00	4.0404
RTSR - Network	\$ 2.5821	500	\$ 1,291.05	\$	2.6857	500	\$ 1,342.85	\$	51.80	4.01%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.1487	500	\$ 1,074.35	\$	2.2443	500	\$ 1,122.15	\$	47.80	4.45%
				+				-		
Sub-Total C - Delivery (including Sub- Total B)			\$ 4,663.21				\$ 4,799.22	\$	136.01	2.92%
Wholesale Market Service Charge				1						
(WMSC)	\$ 0.0034	169,520	\$ 576.37	\$	0.0034	169,520	\$ 576.37	\$	-	0.00%
Rural and Remote Rate Protection								1		i
(RRRP)	\$ 0.0005	169,520	\$ 84.76	\$	0.0005	169,520	\$ 84.76	\$	-	0.00%

0.25

18,664.15 \$

23,988.74

3,118.54

27,107.28

0.25

13%

169,520

0.1101

0.25

18,664.15

24,124.75 \$

27,260.97 \$

3,136.22

136.01

17.68

153.69

0.25

13%

169,520 \$

0.1101

In the manager's summary, discuss the reason In the manager's summary, discuss the reason

0.00%

0.00%

0.57%

0.57%

0.57%

5,500 kW 1.0432 1.0432 Demand Current Loss Factor Proposed/Approved Loss Factor

Fixed Rate Riders   S			Current O	EB-Approved	t				Proposed	ł			Im	npact
Monthly Service Charge   \$   1,546.80   1   \$   1,563.04   3   1,563.04   3   16.24   1.055				Volume	,				Volume					
Distribution Volumetric Rate   \$   2,3822   5500   \$   12,992.10   \$   2,3870   5500   \$   13,128.50   \$   34.64   1.055   Fixed Rate Riders   \$   0.0164   5500   \$   90.20   \$   0.0121   5500   \$   66.55   \$   (23.65)   -26.225   1.00000000000000000000000000000000000							_							
Fixed Rate Riders   \$   0.0164   5500   \$   9.02   \$   0.0121   5500   \$   66.55   \$   (23.65)   -26.225		\$		1					1	\$				
Sub-Total A (excluding pass through)   Sub-Total A (exc		\$	2.3622	5500	\$	12,992.10	\$	2.3870	5500	\$	13,128.50	\$	136.40	1.05%
Sub-Total A (excluding pass through)   \$ 14,629.10   \$ 14,758.09 \$ 128.99   0.889		\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Line Losses on Cost of Power		\$	0.0164	5500			\$	0.0121	5500					
Total Deferral/Variance Account Rate   \$ 0.1262   5,500   \$ 694.10   \$ 0.3609   5,500   \$ 1,984.95   \$ 1,290.85   185.979					Ψ	14,629.10				\$	14,758.09	1	128.99	0.88%
Riders CBR Class B Rate Riders S		\$	-	-	\$	-	\$	-	-	\$	-	\$	-	
Riders CBR Class B Rate Riders \$ 0.0001 2,700,000 \$ 270,000 \$ 0.0009 2,700,000 \$ (2,430.00) \$ (2,700.00) \$ -1000.009		\$	0 1262	5 500	\$	694 10	\$	0.3609	5 500	\$	1 984 95	\$	1 290 85	185 97%
GA Rate Riders \$ 0.0001 2,700,000 \$ 270,000 \$ 2,700,000 \$ (2,430,00) \$ (2,700,00) \$ -1000,009 \$ Low Voltage Service Charge \$ 0.6818 5,500 \$ 3,749,90 \$ - 0.009 \$ 3,749,90 \$ - 0.0		<b>"</b>	0.1202		Ψ	004.10	۳	0.0003		•	1,504.50	Ψ	1,200.00	100.07 70
Low Voltage Service Charge \$ 0.6818 5,500 \$ 3,749.90 \$ 0.6818 5,500 \$ 3,749.90 \$ - 0.009 \$ Smart Meter Entity Charge (if applicable) \$ - 1 \$ - 1 \$ - 5 - 1 \$ \$ - 5 - 1 \$ \$ - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	CBR Class B Rate Riders	\$	-		\$	-	\$	-	5,500	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)         \$ - 1 \$ \$ - \$ - 1 \$ \$ - \$ - 1 \$ \$ - \$ -	GA Rate Riders	\$					-\$			\$			(2,700.00)	-1000.00%
Additional Fixed Rate Riders	Low Voltage Service Charge	\$	0.6818	5,500	\$	3,749.90	\$	0.6818	5,500	\$	3,749.90	\$	-	0.00%
Additional Fixed Rate Riders \$ - 1 \$ - 5,500 \$ - 5 - 1 \$ - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5,500 \$ - 5 - 5 - 5,500 \$ - 5 - 5,500	Smart Meter Entity Charge (if applicable)	¢		1	œ				4	ė		œ		
Additional Volumetric Rate Riders    5,500   \$ - \$ - 5,500   \$ - \$   \$ - \$		a a	-	'	φ	-	Ψ	-		Ψ	-	φ	-	
Sub-Total B - Distribution (includes Sub-Total A)   \$ 19,343.10   \$ 18,062.94 \$ (1,280.16)   6-6.62°     RTSR - Network   \$ 2.7398   5,500 \$ 15,068.90 \$ 2.8497   5,500 \$ 15,673.35 \$ 604.45   4.01°     RTSR - Connection and/or Line and   \$ 2.3623   5,500 \$ 12,992.65 \$ 2.4675   5,500 \$ 13,571.25 \$ 578.60   4.45°     Sub-Total C - Delivery (including Sub-Total B)   \$ 47,404.65   \$ 47,307.54 \$ (97.11)   -0.20°     Wholesale Market Service Charge   \$ 0.0034   2,816,640 \$ 9,576.58 \$ 0.0034   2,816,640 \$ 9,576.58 \$ - 0.00°     Rural and Remote Rate Protection   \$ 0.0005   2,816,640 \$ 1,408.32 \$ 0.0005   2,816,640 \$ 1,408.32 \$ - 0.00°     Standard Supply Service Charge   \$ 0.25   1 \$ 0.25 \$ 0.25   1 \$ 0.25 \$ - 0.00°     Average IESO Wholesale Market Price   \$ 368,501.86   \$ 310,112.06 \$ - 0.00°     Total Bill on Average IESO Wholesale Market Price   \$ 368,501.86   \$ 47,905.24   13% \$ 47,905.24   13% \$ 47,892.62 \$ (12.62) \$ -0.03°     Total Bill on Average IESO Wholesale Market Price   \$ 368,501.86   \$ 47,905.24   13% \$ 47,892.62 \$ (12.62) \$ -0.03°     Total Bill on Average IESO Wholesale Market Price   \$ 368,501.86   \$ 47,905.24   13% \$ 47,892.62 \$ (12.62) \$ -0.03°     Total Bill on Average IESO Wholesale Market Price   \$ 368,501.86   \$ 47,905.24   13% \$ 47,892.62 \$ (12.62) \$ -0.03°     Total Bill on Average IESO Wholesale Market Price   \$ 368,501.86   \$ 47,905.24   13% \$ 47,892.62 \$ (12.62) \$ -0.03°     Total Bill on Average IESO Wholesale Market Price   \$ 368,501.86   \$ 47,905.24   13% \$ 47,892.62 \$ (12.62) \$ -0.03°     Total Bill on Average IESO Wholesale Market Price   \$ 368,501.86   \$ 47,905.24   13% \$ 47,892.62 \$ (12.62) \$ -0.03°     Total Bill on Average IESO Wholesale Market Price   \$ 368,501.86   \$ 47,905.24   13% \$ 47,892.62 \$ (12.62) \$ -0.03°     Total Bill on Average IESO Wholesale Market Price   \$ 368,501.86   \$ 47,905.24   13% \$ 47,892.62 \$ (12.62) \$ -0.03°     Total Bill on Average IESO Wholesale Market Price   \$ 368,501.86   \$ 47,905.24   13% \$ 47,892.62 \$ (12.62) \$ -0.03°     Total Bill on Average IE	Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Total A)	Additional Volumetric Rate Riders			5,500	\$	-	\$	-	5,500	\$	-	\$	-	
Total Bill on Average   ESO Wholesale Market Price   S   13%   5,500 \$   15,068.90 \$   2.8497   5,500 \$   15,673.35 \$   604.45   4.019	Sub-Total B - Distribution (includes Sub-				4	10 3/3 10				•	18 062 04	4	(1 280 16)	-6 62%
RTSR - Connection and/or Line and Transformation Connection \$ 2.3623 5,500 \$ 12,992.65 \$ 2.4675 5,500 \$ 13,571.25 \$ 578.60 4.459					Ψ	· · · · · · · · · · · · · · · · · · ·				Ψ		_	, ,	
Transformation Connection \$ 2.3623	RTSR - Network	\$	2.7398	5,500	\$	15,068.90	\$	2.8497	5,500	\$	15,673.35	\$	604.45	4.01%
Sub-Total B	RTSR - Connection and/or Line and	¢	2 3623	5 500	¢	12 002 65	•	2 4675	5 500	e	13 571 25	¢	578 60	1 15%
Total B	Transformation Connection	Ψ	2.3023	3,300	Ψ	12,992.00	4	2.4073	3,300	Ŷ	13,371.23	9	370.00	4.4370
Notesale Market Service Charge (WMSC)   \$ 0.0034   2,816,640   \$ 9,576.58   \$ 0.0034   2,816,640   \$ 9,576.58   \$ - 0.009	Sub-Total C - Delivery (including Sub-				4	47 404 65				e	47 207 54	4	(07.11)	0.20%
WMSC    S   0.0034   2,816,640   S   9,576.58   S   0.0034   2,816,640   S   9,576.58   S   0.005     Rural and Remote Rate Protection (RRRP)   S   0.0005   2,816,640   S   1,408.32   S   - 0.009     Standard Supply Service Charge   S   0.25   1   S   0.25   S   1   S   0.25   S   - 0.009     Average IESO Wholesale Market Price   S   0.1101   2,816,640   S   310,112.06   S   310,112.06   S   - 0.009     Total Bill on Average IESO Wholesale Market Price   S   368,501.86   S   47,895.24   13%   S   47,892.62   S   (12.62)   -0.039     HST   13%   S   47,905.24   13%   S   47,892.62   S   (12.62)   -0.039     Company	Total B)				Þ	47,404.65				Þ	47,307.34	4	(97.11)	-0.20%
(WMSC)         Rural and Remote Rate Protection (RRRP)         \$         0.0005         2,816,640         \$         1,408.32         \$         0.009         2,816,640         \$         1,408.32         \$         0.009           Standard Supply Service Charge         \$         0.25         1         \$         0.25         1         \$         0.25         1         \$         0.009           Average IESO Wholesale Market Price         \$         0.1101         2,816,640         \$         310,112.06         \$         -         0.009           Total Bill on Average IESO Wholesale Market Price         \$         368,501.86         \$         \$         368,404.75         \$         (97.11)         -0.039           HST         13%         \$         47,905.24         13%         \$         47,892.62         \$         (12.62)         -0.039	Wholesale Market Service Charge	•	0.0034	2 946 640	6	0.576.50	6	0.0024	2 946 640	•	0.576.50	6		0.000/
(RRRP) \$ 0.0005 2,816,640 \$ 1,408.32 \$ 0.0005 2,816,640 \$ 1,408.32 \$ - 0.009	(WMSC)	P	0.0034	2,010,040	Ф	9,576.56	Þ	0.0034	2,010,040	Þ	9,576.56	Ф	-	0.00%
CRRRP    Standard Supply Service Charge   \$ 0.25   1   \$ 0.25   \$ 0.25   1   \$ 0.25   \$ - 0.009	Rural and Remote Rate Protection		0.0005	0.040.040	•	4 400 00		0.0005	0.040.040		4 400 00	•		0.000/
Average IESO Wholesale Market Price \$ 0.1101 2,816,640 \$ 310,112.06 \$ 0.1101 2,816,640 \$ 310,112.06 \$ - 0.009  Total Bill on Average IESO Wholesale Market Price	(RRRP)	Þ	0.0005	2,816,640	Э	1,408.32	Þ	0.0005	2,816,640	Þ	1,408.32	Э	-	0.00%
Average IESO Wholesale Market Price \$ 0.1101 2,816,640 \$ 310,112.06 \$ 0.1101 2,816,640 \$ 310,112.06 \$ - 0.009  Total Bill on Average IESO Wholesale Market Price HST 13% \$ 368,501.86 \$ \$ 368,404.75 \$ (97.11) -0.039  47,905.24 13% \$ 47,802.62 \$ (12.62) -0.039	Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Price		\$	0.1101	2.816.640	\$	310.112.06	\$	0.1101	2.816.640	\$	310.112.06	\$	-	0.00%
HST 13% \$ 47,905.24 13% \$ 47,892.62 \$ (12.62) -0.039			******	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,			5.557
HST 13% \$ 47,905.24 13% \$ 47,892.62 \$ (12.62) -0.039	Total Bill on Average IESO Wholesale Market Price				\$	368.501.86				\$	368.404.75	\$	(97.11)	-0.03%
			13%					13%		\$				-0.03%
	Total Bill on Average IESO Wholesale Market Price					416,407,10				\$	416.297.37	\$		-0.03%
						,					,	Ť	()	2:3070

In the manager's summary, discuss the reason

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

		Current OI	B-Approved	d		Proposed					Impact			
		Rate	Volume		Charge		Rate	Volume		Charge			•	
		(\$)			(\$)		(\$)			(\$)	\$	Change	% Change	
Monthly Service Charge	\$	8.37	1	\$	8.37	\$	8.46		\$	8.46	\$	0.09	1.08%	
Distribution Volumetric Rate	\$	0.0015	150	\$	0.23	\$	0.0015	150	\$	0.23	\$	-	0.00%	
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Volumetric Rate Riders	\$	-	150		-	\$	-	150		-	\$	-		
Sub-Total A (excluding pass through)				\$	8.60				\$	8.69	\$	0.09	1.05%	
Line Losses on Cost of Power	\$	0.0824	6	\$	0.53	\$	0.0824	6	\$	0.53	\$	-	0.00%	
Total Deferral/Variance Account Rate	<b>s</b>	0.0005	150	\$	0.08	\$	0.0017	150	s	0.26	\$	0.18	240.00%	
Riders	*	0.0003		1	0.00	Ψ	0.0017		*	0.20		0.10	240.0070	
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-				\$	9.43				s	9.70	s	0.27	2.86%	
Total A)				*					*		Ψ.	-		
RTSR - Network	\$	0.0059	156	\$	0.92	\$	0.0061	156	\$	0.95	\$	0.03	3.39%	
RTSR - Connection and/or Line and	s	0.0050	156	\$	0.78	\$	0.0052	156	\$	0.81	\$	0.03	4.00%	
Transformation Connection		0.0000	100	Ψ	0.10	۳	0.0002	100	•	0.01	Ψ	0.00	4.0070	
Sub-Total C - Delivery (including Sub-				\$	11.13				\$	11.47	\$	0.33	2.99%	
Total B)														
Wholesale Market Service Charge (WMSC)	\$	0.0034	156	\$	0.53	\$	0.0034	156	\$	0.53	\$	-	0.00%	
Rural and Remote Rate Protection		0.0005	450	•	0.00		0.0005	156		0.00			0.000/	
(RRRP)	\$	0.0005	156	\$	0.08	\$	0.0005	156	\$	0.08	Э	-	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	\$	0.1340	27	\$	3.62	\$	0.1340	27	\$	3.62	\$	-	0.00%	
					24.05					04.00		2.00	4.070/	
Total Bill on TOU (before Taxes)		100/		\$	24.35		400/		*	24.68		0.33	1.37%	
HST		13%		\$	3.17		13%		\$	3.21	\$	0.04	1.37%	
Total Bill on TOU				\$	27.51				\$	27.89	\$	0.38	1.37%	

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

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

		Current OI	EB-Approved	ı	<u> </u>		Proposed	1			Im	pact
		Rate (\$)	Volume	Charge (\$)		Rate (\$)	Volume		Charge (\$)	\$	Change	% Change
Monthly Service Charge	\$	7.61	1	\$ 7.6	1 \$		1	\$	7.69	\$	0.08	1.05%
Distribution Volumetric Rate	\$	0.6819	1	\$ 0.6	8 \$	0.6891	1	\$	0.69	\$	0.01	1.06%
Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	1	\$ -	\$	-	1	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$ 8.2				\$		\$	0.09	1.05%
Line Losses on Cost of Power	\$	0.1101	6	\$ 0.7	1 \$	0.1101	6	\$	0.71	\$	-	0.00%
Total Deferral/Variance Account Rate	e	0.1829	1	\$ 0.1	8 <b>s</b>	0.5969	1	\$	0.60	\$	0.41	226.35%
Riders	Ι Ψ	0.1025		•	٠ I •	0.0000		•	0.00	Ψ	0.41	220.0070
CBR Class B Rate Riders	\$	-	1	\$ -	\$		1	\$	-	\$	-	
GA Rate Riders	\$	0.0001	150	\$ 0.0			150	\$	(0.14)	\$	(0.15)	-1000.00%
Low Voltage Service Charge	\$	0.4661	1	\$ 0.4	7 \$	0.4661	1	\$	0.47	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$ -	\$	; -	1	\$	-	\$	-	
Additional Fixed Rate Riders	\$	_	1	\$ -			1	\$	_	\$	_	
Additional Volumetric Rate Riders	•		1	\$ -	Š	-	1	Š	_	\$	-	
Sub-Total B - Distribution (includes Sub-				\$ 9.6	7			\$	10.02	\$	0.35	3.63%
Total A)				•						*		
RTSR - Network	\$	1.8968	1	\$ 1.9	0 \$	1.9729	1	\$	1.97	\$	0.08	4.01%
RTSR - Connection and/or Line and	\$	1.6149	1	\$ 1.6	1   \$	1.6868	1	\$	1.69	\$	0.07	4.45%
Transformation Connection	ļ <sup>*</sup>			*			•	Τ.		*		
Sub-Total C - Delivery (including Sub- Total B)				\$ 13.1	8			\$	13.68	\$	0.50	3.79%
Wholesale Market Service Charge	\$	0.0034	156	\$ 0.5	3 \$	0.0034	156	s	0.53	s	_	0.00%
(WMSC)	*	0.000	.00	Ψ 0.0	~   <b>*</b>	0.000		Υ	0.00	Ψ		0.0070
Rural and Remote Rate Protection	\$	0.0005	156	\$ 0.0	8 <b>s</b>	0.0005	156	\$	0.08	\$	_	0.00%
(RRRP)								1 .		Ľ		
Standard Supply Service Charge	\$	0.25	1	\$ 0.2			1	\$	0.25	\$	-	0.00%
Average IESO Wholesale Market Price	\$	0.1101	150	\$ 16.5	2 \$	0.1101	150	\$	16.52	\$	-	0.00%
									-,			
Total Bill on Average IESO Wholesale Market Price				\$ 30.5				\$	31.06	\$	0.50	1.63%
HST		13%		\$ 3.9		13%		\$	4.04	\$	0.06	1.63%
Total Bill on Average IESO Wholesale Market Price				\$ 34.5	3			\$	35.09	\$	0.56	1.63%

In the manager's summary, discuss the reason

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

Proposed/Approved Loss Factor

1 kW 1.0432 1.0432 Demand Current Loss Factor

		Current Of	B-Approved	i			Proposed			Impact		
	Rate (\$)		Volume	Charge (\$)		Rate (\$)	Volume		Charge (\$)	\$	Change	% Change
Monthly Service Charge	\$	1.16	1	\$ 1.16	\$	1.17	1	\$	1.17		0.01	0.86%
Distribution Volumetric Rate	\$	0.9724	1	\$ 0.97	\$	0.9826	1	\$	0.98	\$	0.01	1.05%
Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	0.2225	1	\$ 0.22	\$	0.9241	1	\$	0.92	\$	0.70	315.33%
Sub-Total A (excluding pass through)				\$ 2.35				\$	3.08	\$	0.72	30.65%
Line Losses on Cost of Power	\$	0.1101	6	\$ 0.71	\$	0.1101	6	\$	0.71	\$	-	0.00%
Total Deferral/Variance Account Rate	\$	0.4721	1	\$ 0.47	\$	0.5753	1	\$	0.58	\$	0.10	21.86%
Riders	1	0.4121		*	Ψ.	0.0700	•	1	0.00	Ψ	0.10	21.0070
CBR Class B Rate Riders	\$	-	1	\$ -	\$	-	1	\$	-	\$	-	
GA Rate Riders	\$	0.0001	150	\$ 0.02		0.0009	150	\$	(0.14)	\$	(0.15)	-1000.00%
Low Voltage Service Charge	\$	0.4552	1	\$ 0.46	\$	0.4552	1	\$	0.46	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	_	1	\$ -	\$	_	1	\$	_	\$	_	
	I.			*	I.							
Additional Fixed Rate Riders	\$	-	1	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			1	\$ -	\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$ 4.01				\$	4.69	\$	0.68	16.83%
Total A)	•	4.077.4			_	4.0507			4.05	\$	0.00	4.040/
RTSR - Network RTSR - Connection and/or Line and	\$	1.8774	1	\$ 1.88	\$	1.9527	1	\$	1.95	\$	0.08	4.01%
Transformation Connection	\$	1.5773	1	\$ 1.58	\$	1.6475	1	\$	1.65	\$	0.07	4.45%
					+-							
Sub-Total C - Delivery (including Sub- Total B)				\$ 7.47				\$	8.29	\$	0.82	10.99%
Wholesale Market Service Charge					+-							
(WMSC)	\$	0.0034	156	\$ 0.53	\$	0.0034	156	\$	0.53	\$	-	0.00%
Rural and Remote Rate Protection												
(RRRP)	\$	0.0005	156	\$ 0.08	\$	0.0005	156	\$	0.08	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$ 0.25	\$	0.25	1	\$	0.25	\$	_	0.00%
Average IESO Wholesale Market Price	Š	0.1101	150			0.1101	150	\$	16.52	\$	_	0.00%
	T +	311101	.00	Ţ 10.02		2.1101	.00	Ť	.0.02	_		0.0070
Total Bill on Average IESO Wholesale Market Price				\$ 24.84	T			\$	25.66	ŝ	0.82	3.30%
HST		13%		\$ 3.23		13%		\$	3.34	\$	0.11	3.30%
Total Bill on Average IESO Wholesale Market Price		.070		\$ 28.07		. 370		\$	29.00	\$	0.93	3.30%
•												

In the manager's summary, discuss the reason

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

	Current OEB-Approved						Proposed			Impact			
	Rate		Volume	Cha	rge		Rate	Volume		Charge			
	(\$)			(\$			(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	134.29	1	\$	134.29	\$	135.70	1	\$	135.70	\$	1.41	1.05%
Distribution Volumetric Rate	\$	-	794	\$	-	\$	-	794	\$	-	\$	-	
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	794	\$	-	\$	-	794	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	134.29				\$	135.70	\$	1.41	1.05%
Line Losses on Cost of Power	\$	-	-	\$	-	\$	-	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	\$	0.1703	794	\$	135.22	\$	0.7533	794	s	598.12	\$	462.90	342.34%
Riders	•	0.1700	_	Ψ	100.22	Ψ	0.7000		•	000.12	Ψ	402.50	042.0470
CBR Class B Rate Riders	\$	-	794	\$	-	\$	-	794	\$	-	\$	-	
GA Rate Riders	\$	0.0001	368,500	\$		-\$	0.0009	368,500	\$	(331.65)		(368.50)	-1000.00%
Low Voltage Service Charge	\$	0.6201	794	\$	492.36	\$	0.6201	794	\$	492.36	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	e	_	1	¢	_	•	_	1	e	_	\$		
	*	_		Ψ	-	Ψ	_		Ψ		Ψ	_	
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			794	\$	-	\$	-	794	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	798.72				\$	894.53	\$	95.81	12.00%
Total A)				*					*				
RTSR - Network	\$	2.5821	794	\$	2,050.19	\$	2.6857	794	\$	2,132.45	\$	82.26	4.01%
RTSR - Connection and/or Line and	s	2.1487	794	\$	1,706.07	\$	2.2443	794	\$	1,781.97	\$	75.91	4.45%
Transformation Connection	*	2.1407	754	Ψ	1,700.07	Ψ	2.2440	104	•	1,701.01	•	70.01	4.4070
Sub-Total C - Delivery (including Sub-				\$	4,554.97				\$	4,808.95	¢	253.98	5.58%
Total B)				•	4,004.01				٠	4,000.00	•	200.00	0.0070
Wholesale Market Service Charge	s	0.0034	384,419	\$	1,307.03	\$	0.0034	384,419	\$	1,307.03	\$		0.00%
(WMSC)	•	0.0004	004,410	Ψ	1,007.00	Ψ	0.0004	004,410	•	1,001.00	Ψ		0.0070
Rural and Remote Rate Protection	e	0.0005	384,419	¢	192.21	\$	0.0005	384.419	e	192.21	œ.		0.00%
(RRRP)	*		304,419	Ψ	-	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	\$ 4	12,324.55	\$	0.1101	384,419	\$	42,324.55	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Price				\$ 4	18,379.01				\$	48,632.99	\$	253.98	0.52%
HST		13%		\$	6,289.27		13%		\$	6,322.29	\$	33.02	0.52%
Total Bill on Average IESO Wholesale Market Price				\$ 5	54,668.28				\$	54,955.28	\$	286.99	0.52%
	•												

In the manager's summary, discuss the reason

Customer Class: STANDBY POWER SERVICE CLASSIFICATION RPP / Non-RPP: 0

Consumption Demand

- kWh - kW 1.0432 1.0432

Current Loss Factor Proposed/Approved Loss Factor

	Current OEB-Approved			Proposed		Impact			
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		
Distribution Volumetric Rate	\$ 2.3622	. 0	\$ -	\$ 2.3870	0	\$ -	\$ -		
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		
Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -		
Sub-Total A (excluding pass through)			\$ -			\$ -	\$ -		
Line Losses on Cost of Power	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -		
Total Deferral/Variance Account Rate	s -		\$ -	s -		s -	\$ -		
Riders	· -	_	φ -	φ -	_	-	φ -		
CBR Class B Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -		
GA Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -		
Low Voltage Service Charge	\$ -	-	\$ -		-	\$ -	\$ -		
Smart Meter Entity Charge (if applicable)	\$ -		•	•		s -	\$ -		
, , , , ,	5 -	1	\$ -	<b>a</b> -	1	<b>a</b> -	\$ -		
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		
Additional Volumetric Rate Riders		-	\$ -	\$ -	-	\$ -	\$ -		
Sub-Total B - Distribution (includes Sub-			•				\$ -		
Total A)			\$ -			\$ -	\$ -		
RTSR - Network	\$ -	-	\$ -	\$ -	-	\$ -	\$ -		
RTSR - Connection and/or Line and	•								
Transformation Connection	\$ -	-	\$ -	\$ -	-	\$ -	\$ -		
Sub-Total C - Delivery (including Sub-									
Total B)			\$ -			\$ -	\$ -		
Wholesale Market Service Charge									
(WMSC)	\$ 0.0034	-	\$ -	\$ 0.0034	-	\$ -	\$ -		
Rural and Remote Rate Protection									
(RRRP)	\$ 0.0005	-	\$ -	\$ 0.0005	-	\$ -	\$ -		
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%	
TOU - Off Peak	\$ 0.0650		\$ -	\$ 0.0650	_ `	\$ -	\$ -	0.0070	
TOU - Mid Peak	\$ 0.0940		\$ -	\$ 0.0940	_	\$ -	\$ -		
TOU - On Peak	\$ 0.1340		\$ -	\$ 0.1340	1	\$ -	\$ -		
Non-RPP Retailer Avg. Price	\$ 0.1101		\$ -	\$ 0.1101	_	\$ -	\$ -		
Average IESO Wholesale Market Price	\$ 0.1101		\$ -	\$ 0.1101		\$ -	\$ -		
Average IESO Wholesale Market Price	0.1101	_	φ -	\$ 0.1101	-	-	<b>φ</b> -		
Total Bill on TOU (before Tours)			6 005			6 005	l e	0.000/	
Total Bill on TOU (before Taxes)	100	,	\$ <b>0.25</b> \$ 0.03	13%		\$ 0.25 \$ 0.03	\$ - \$ -	<b>0.00%</b> 0.00%	
HST	139	6		13%					
Total Bill on TOU			\$ 0.28			\$ 0.28	\$ -	0.00%	
Total Bill on Non-RPP Avg. Price		.1	\$ 0.25			\$ 0.25		0.00%	
HST	139	6	\$ 0.03	13%	•	\$ 0.03	\$ -	0.00%	
Total Bill on Non-RPP Avg. Price			\$ 0.28			\$ 0.28	\$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			\$ 0.25			\$ 0.25	\$ -	0.00%	
HST	139	6	\$ 0.03	13%		\$ 0.03		0.00%	
Total Bill on Average IESO Wholesale Market Price			\$ 0.28			\$ 0.28	\$ -	0.00%	

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 OEB-Approved					Proposed			Impact			
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)	_	(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	24.90		\$	24.90	\$	25.16		\$	25.16		0.26	1.04%
Distribution Volumetric Rate	\$	-	132	\$	-	\$	-	132		-	\$	-	
Fixed Rate Riders	\$	·	1	\$		\$		. 1	\$		\$		
Volumetric Rate Riders	\$	0.0001	132		0.01	\$	0.0002	132		0.03	\$	0.01	100.00%
Sub-Total A (excluding pass through)				\$	24.91				\$	25.19		0.27	1.10%
Line Losses on Cost of Power	\$	0.0824	6	\$	0.47	\$	0.0824	6	\$	0.47	\$	-	0.00%
Total Deferral/Variance Account Rate	s	0.0007	132	\$	0.09	\$	0.0015	132	s	0.20	\$	0.11	114.29%
Riders				·		I			1			• • • • • • • • • • • • • • • • • • • •	
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			132	\$		\$	-	132	\$		\$	-	
Sub-Total B - Distribution (includes Sub-				\$	26.27				\$	26.65	\$	0.38	1.44%
Total A) RTSR - Network	•	0.0067	138	\$	0.92	•	0.0070	138	\$	0.96	•	0.04	4.48%
RTSR - Connection and/or Line and	₽			φ	0.92	Φ	0.0070		÷	0.90	φ	0.04	4.40 /0
Transformation Connection	\$	0.0057	138	\$	0.78	\$	0.0060	138	\$	0.83	\$	0.04	5.26%
Sub-Total C - Delivery (including Sub-				1.									
Total B)				\$	27.98				\$	28.44	\$	0.46	1.65%
Wholesale Market Service Charge	\$	0.0034	138	\$	0.47	\$	0.0034	138	\$	0.47	•		0.00%
(WMSC)	₽	0.0034	130	φ	0.47	Φ	0.0034	130	÷	0.47	φ	-	0.00 /6
Rural and Remote Rate Protection		0.0005	138	\$	0.07	\$	0.0005	138	\$	0.07	œ	_	0.00%
(RRRP)	3		130	Ψ		φ		130	ð			-	
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25		-	0.00%
TOU - Off Peak	\$	0.0650	86	\$	5.58	\$	0.0650	86	\$	5.58	\$	-	0.00%
TOU - Mid Peak	\$	0.0940	22	\$	2.11	\$	0.0940	22	\$	2.11	\$	-	0.00%
TOU - On Peak	\$	0.1340	24	\$	3.18	\$	0.1340	24	\$	3.18	\$	-	0.00%
Total Bill on TOU (before Taxes)		·		\$	39.63				\$	40.10		0.46	1.16%
HST		13%		\$	5.15		13%		\$	5.21		0.06	1.16%
8% Rebate		8%		\$	(3.17)		8%		\$	(3.21)		(0.04)	
Total Bill on TOU				\$	41.62				\$	42.10	\$	0.48	1.16%

In the manager's summary, discuss the reason

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 OEB-Approved					Proposed			Impact				
	Rate		Volume		Charge		Rate	Volume		Charge			
	(\$)				(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	24.90		\$	24.90	\$	25.16		\$	25.16	\$	0.26	1.04%
Distribution Volumetric Rate	\$	-	750		-	\$	-	750		-	\$	-	
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	0.0001	750		0.08	\$	0.0002	750			\$	0.08	100.00%
Sub-Total A (excluding pass through)				\$	24.98				\$		\$	0.34	1.34%
Line Losses on Cost of Power	\$	0.1101	32	\$	3.57	\$	0.1101	32	\$	3.57	\$	-	0.00%
Total Deferral/Variance Account Rate	\$	0.0007	750	\$	0.53	\$	0.0015	750	\$	1.13	\$	0.60	114.29%
Riders	LĬ								1		Ť		
CBR Class B Rate Riders	\$	-	750		-	\$	-	750		-	\$	-	
GA Rate Riders	\$	0.0001	750		0.08		0.0009	750	\$	(0.68)	\$	(0.75)	-1000.00%
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%
Additional Fixed Rate Riders	¢	_	1	\$	_	•	_	1	\$	_	¢	_	
Additional Volumetric Rate Riders	<b>"</b>	-	750			\$		750			\$		
Sub-Total B - Distribution (includes Sub-			700			Ψ		700					
Total A)				\$	30.99				\$	31.17	\$	0.19	0.60%
RTSR - Network	\$	0.0067	782	\$	5.24	\$	0.0070	782	\$	5.48	\$	0.23	4.48%
RTSR - Connection and/or Line and	¢	0.0057	782	\$	4.46	\$	0.0060	782	\$	4.69	\$	0.23	5.26%
Transformation Connection	¥	0.0037	702	Ψ	4.40	Ψ	0.0000	102	9	4.03	Ψ	0.23	3.2070
Sub-Total C - Delivery (including Sub-				\$	40.69				\$	41.34	\$	0.65	1.61%
Total B)				*	.0.00				•		*	0.00	1.0170
Wholesale Market Service Charge	s	0.0034	782	\$	2.66	\$	0.0034	782	\$	2.66	\$	_	0.00%
(WMSC)	ľ	0.000.	. 02	Ψ	2.00	Υ.	0.000		*	2.00	Ψ.		0.0070
Rural and Remote Rate Protection	\$	0.0005	782	\$	0.39	\$	0.0005	782	\$	0.39	\$	_	0.00%
(RRRP)	-			*		*			*		*		
Standard Supply Service Charge													
Non-RPP Retailer Avg. Price	\$	0.1101	750	\$	82.58	\$	0.1101	750	\$	82.58	\$	-	0.00%
Total Bill on Non-RPP Avg. Price				\$	126.32				\$		\$	0.65	0.52%
HST	1	13%		\$	16.42		13%		\$	16.51	\$	0.09	0.52%
8% Rebate		8%					8%						
Total Bill on Non-RPP Avg. Price				\$	142.74				\$	143.48	\$	0.74	0.52%

In the manager's summary, discuss the reason

 
 Customer Class:
 RESIDENTIAL SERVICE CLASSIFICATION

 RPP / Non-RPP:
 Non-RPP (Retailer)

 Consumption
 2,000

 kWh
 - kW Demand Current Loss Factor Proposed/Approved Loss Factor 1.0432 1.0432

	Current OEB-Approved		Proposed					Impact						
	Ra		Volume		Charge		Rate	Volume		Charge				Ī
	(\$				(\$)		(\$)			(\$)	\$	Change	% Change	
Monthly Service Charge	\$	24.90	1	Ψ	24.90	\$	25.16		\$	25.16	\$	0.26	1.04%	,
Distribution Volumetric Rate	\$	-	2000	\$	-	\$	-	2000	\$	-	\$	-		
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Volumetric Rate Riders	\$	0.0001	2000	\$	0.20	\$	0.0002	2000	\$		\$	0.20	100.00%	,
Sub-Total A (excluding pass through)				\$	25.10				44	25.56	\$	0.46	1.83%	,
Line Losses on Cost of Power	\$	0.1101	86	\$	9.51	\$	0.1101	86	\$	9.51	\$	-	0.00%	,
Total Deferral/Variance Account Rate		0.0007	2,000	•	1.40	\$	0.0015	2,000	ė	3.00	\$	1.60	114.29%	
Riders	Ψ.	0.0007	2,000	φ	1.40	Φ	0.0013	2,000	φ	3.00	φ	1.00	114.25/0	1
CBR Class B Rate Riders	\$	-	2,000	\$	-	\$	-	2,000	\$	-	\$	-		
GA Rate Riders	\$	0.0001	2,000	\$	0.20	-\$	0.0009	2,000	\$	(1.80)	\$	(2.00)	-1000.00%	,
Low Voltage Service Charge	\$	0.0017	2,000	\$	3.40	\$	0.0017	2,000	\$	3.40	\$	-	0.00%	,
Smart Meter Entity Charge (if applicable)		0.57		•	0.57	\$	0.57			0.57	•		0.00%	.
, , , , ,	Þ	0.57	1	\$	0.57	Þ	0.57	1	\$	0.57	\$	-	0.00%	1
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Additional Volumetric Rate Riders			2,000	\$	-	\$	-	2,000	\$	-	\$	-		
Sub-Total B - Distribution (includes Sub-				\$	40.18				\$	40.24	s	0.06	0.450/	1
Total A)				Þ	40.18				Þ	40.24	Þ	0.06	0.15%	1
RTSR - Network	\$	0.0067	2,086	\$	13.98	\$	0.0070	2,086	\$	14.60	\$	0.63	4.48%	. In
RTSR - Connection and/or Line and	\$	0.0057	0.000	•	11.89	\$	0.0060	0.000		12.52	•	0.00	F 000/	.
Transformation Connection	Þ	0.0057	2,086	Ф	11.89	э	0.0060	2,086	Þ	12.52	Э	0.63	5.26%	lr.
Sub-Total C - Delivery (including Sub-				•	66.05				•	67.07	•	1.31	4.000/	1
Total B)				\$	66.05				\$	67.37	\$	1.31	1.99%	1
Wholesale Market Service Charge	s	0.0034	2,086	Φ.	7.09	\$	0.0034	2,086	•	7.09	\$		0.00%	1
(WMSC)	Þ	0.0034	2,086	Ф	7.09	Þ	0.0034	2,086	Þ	7.09	Э	-	0.00%	1
Rural and Remote Rate Protection	s	0.0005	2,086	Φ.	4.04		0.0005	2,086		1.04	•		0.00%	.
(RRRP)	*	0.0003	2,000	Ф	1.04	\$	0.0005	2,000	Ф	1.04	Ф	-	0.00%	1
Standard Supply Service Charge														
Non-RPP Retailer Avg. Price	\$	0.1101	2,000	\$	220.20	\$	0.1101	2,000	\$	220.20	\$	-	0.00%	,
· ·								·						1
Total Bill on Non-RPP Avg. Price				\$	294.39				\$	295.70	\$	1.31	0.45%	J.
HST		13%	l	\$	38.27		13%		\$	38.44		0.17	0.45%	
8% Rebate		8%		1			8%							
Total Bill on Non-RPP Avg. Price		0,0		\$	332.66		0,0		\$	334.14	\$	1.48	0.45%	,
				Ĺ							Ė		5.15,1	1
														4

In the manager's summary, discuss the reason

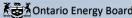
Customer Class:	Add additional	scenarios if required	
RPP / Non-RPP:			
Consumption		kWh	_
Demand		kW	
Current Loss Factor			
roposed/Approved Loss Factor			

	Current OEB-Approved			Proposed		Impact		
	Rate	Volume	Charge	Rate	Volume	Charge		l l
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	7.7	1	\$ -		1	\$ -	\$ -	Ĭ
Distribution Volumetric Rate		0	\$ -		0	\$ -	\$ -	
Fixed Rate Riders		1	\$ -		1	\$ -	\$ -	
Volumetric Rate Riders		0	\$ -		0	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ -			\$ -	\$ -	
Line Losses on Cost of Power	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	'			-			_	
Riders		-	\$ -		-	\$ -	\$ -	
CBR Class B Rate Riders		-	\$ -		_	\$ -	\$ -	
GA Rate Riders		_	\$ -		_	\$ -	\$ -	
Low Voltage Service Charge		_	\$ -		_	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)			*			I		
Cinari motor Entity Orlango (ii applicable)	-	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders		1	\$ -		1	\$ -	\$ -	
Additional Volumetric Rate Riders		. '	\$ -			\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-								
Total A)			\$ -			\$ -	\$ -	
RTSR - Network		-	\$ -		_	\$ -	\$ -	
RTSR - Connection and/or Line and			*			*	*	
Transformation Connection		-	\$ -		-	\$ -	\$ -	
Sub-Total C - Delivery (including Sub-								
Total B)			\$ -			\$ -	\$ -	
Wholesale Market Service Charge								
(WMSC)	\$ 0.0034	-	\$ -	\$ 0.0034	-	\$ -	\$ -	
Rural and Remote Rate Protection								
	\$ 0.0005	-	\$ -	\$ 0.0005	-	\$ -	\$ -	
(RRRP)	\$ 0.25		¢ 0.05	\$ 0.25		6 0.05	s -	0.000/
Standard Supply Service Charge		1	\$ 0.25 \$ -		1	\$ 0.25	Ψ	0.00%
TOU - Off Peak	\$ 0.0650 \$ 0.0940	-	\$ -		-	\$ - \$ -	\$ -	
TOU - Mid Peak TOU - On Peak	\$ 0.0940 \$ 0.1340	-	\$ -	\$ 0.0940 \$ 0.1340	-	\$ -	\$ - \$ -	
	\$ 0.1340	-	*		-	*		
Non-RPP Retailer Avg. Price	T	-	-		-	\$ -	Ψ	
Average IESO Wholesale Market Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Bill on TOU (before Taxes)		l	\$ 0.25			\$ 0.25		0.00%
HST	13%		\$ 0.03	13%		\$ 0.03		0.00%
8% Rebate	8%		\$ (0.02)	8%		\$ (0.02)		
Total Bill on TOU			\$ 0.26			\$ 0.26	\$ -	0.00%
Total Bill on Non-RPP Avg. Price		1	\$ 0.25			\$ 0.25		0.00%
HST	13%	l	\$ 0.03	13%		\$ 0.03	\$ -	0.00%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 0.28			\$ 0.28	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%	l	\$ 0.03	13%		\$ 0.03	\$ -	0.00%
8% Rebate	8%	l		8%				
Total Bill on Average IESO Wholesale Market Price			\$ 0.28			\$ 0.28	\$ -	0.00%
*								



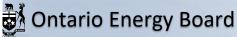
### **ATTACHMENT K**

Entegrus-St. Thomas 2020 IRM Rate Generator Model, Version 2.0 Issued July 5, 2019



Ontario Energy Board's 2020 Electricity Distribution Rates Webpage

			Version
Utility Name	Entegrus Powerlines Inc.		
Service Territory	For Former St. Thomas Energy Rate Zon	ne	
Assigned EB Number	EB-2019-0030		
Name of Contact and Title	Andrya Eagen, Manager of Regulatory &	Reporting	
Phone Number	519-352-6300 Ext 243		
Email Address	regulatory@entegrus.com		
We are applying for rates effective	Wednesday, January 1, 2020		
Rate-Setting Method	Price Cap IR		
I. Select the last Cost of Service rebasing year	2015		
2. Select the year that the balances of Accounts 1588 and 1589 were last approved for disposition	2014		
e.g. If 2017 balances were approved for disposition in the 2019 rate application, select 2017)			
s. Select the year that the balances of the remaining Group 1 DVAs were last approved for disposition	2014		
I. Select the earliest vintage year in which there is a balance in Account 1595	2014		
e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016)			
5. Did you have any Class A customers at any point during the period that the Account 1589 palance accumulated (i.e. from the year the balance was last disposed to the year requested or disposition)?	Yes		
i. Did you have any customers classified as Class A at any point during the period where the palance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year the palance was last disposed to the year requested for disposition)?	Yes		
7. Retail Transmission Service Rates: Entegrus Powerlines Inc. is:	Transmission Connected		
B. Have you transitioned to fully fixed rates?	Yes		
Legend			
Pale green cells represent input cells.			
Pale blue cells represent drop-down lists. The applicant should select the appropriate iter	n from the drop-down list.		



### **Entegrus Powerlines Inc.**

### For Former St. Thomas Energy Rate Zone TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0024

### RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

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

Service Charge	\$	26.76
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.37
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until December 31, 2019	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.

For Former St. Thomas Energy Rate Zone

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors



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

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

### **APPLICATION**

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

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

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

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

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

Service Charge	\$	24.55
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0167
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until December 31, 2019	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/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 Pov	verlines Inc.

For Former St. Thomas Energy Rate Zone TARIFF OF RATES AND CHARGES Effective and Implementation Date January 1, 2019 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors EB-2018-0024



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

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

### **APPLICATION**

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

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

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

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

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

Service Charge	\$	76.48
Distribution Volumetric Rate	\$/kW	3.6613
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until December 31, 2019	\$/kW	0.0446
Retail Transmission Rate - Network Service Rate	\$/kW	2.6959
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4560
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
	Entogrus Do	verlines Inc

Entegrus Powerlines Inc.
For Former St. Thomas Energy Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors
EB-2018-0024



### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for individual lighting on private property controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

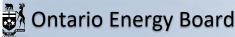
It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

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

Service Charge (per connection)	\$	4.95
Distribution Volumetric Rate	\$/kW	5.9875
Retail Transmission Rate - Network Service Rate	\$/kW	1.6944
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5427
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

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 0.0003
\$ 0.25
Entegrus Powerlines Inc.
For Former St. Thomas Energy Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors
EB-2018-0024



### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

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

Service Charge (per connection)	\$	3.78
Distribution Volumetric Rate	\$/kW	0.0369
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)	*****	
- effective until December 31, 2019	\$/kW	0.0193
Retail Transmission Rate - Network Service Rate	\$/kW	2.0788
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8937
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
	Entegrue Po	worlings Inc

Entegrus Powerlines Inc.
For Former St. Thomas Energy Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0024



### microFIT SERVICE CLASSIFICATION

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

#### **APPLICATION**

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

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

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

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

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

Service Charge \$ 10.00

### **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy

d & energy % (1.00)

Entegrus Powerlines Inc.

For Former St. Thomas Energy Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors
EB-2018-0024

\$/k\//

(0.60)

### SPECIFIC SERVICE CHARGES

### **APPLICATION**

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

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

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

### **Customer Administration**

Arrears certificate		\$	15.00
Statement of account		\$	15.00
Pulling post dated cheques		\$	15.00
Duplicate invoices for previous billing		\$	15.00
Request for other billing information Easement Letter	2. Current Tariff Schedule	\$ Issued	Month day Year 15.00

### Other

Specific charge for access to the power poles - \$/pole/year
(with the exception of wireless attachments)

Disconnect/Reconnect at customer's request - at meter during regular hours

\$

**Entegrus Powerlines Inc.** 

For Former St. Thomas Energy Rate Zone
TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2018-0024

415.00

65.00

185.00

43.63

65.00

### RETAIL SERVICE CHARGES (if applicable)

Disconnect/reconnect at pole - after regular hours

Install/remove load control device - during regular hours

Install/remove load control device - after regular hours

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 s	ervice agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer		\$	20.00
Monthly Variable Charge, per customer, per ret	ailer	\$/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)	2. Current Tariff Schedule	Issued	Month day, Year

### 5

# Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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**

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

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

1.0393

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

1.0289



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

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 (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>	1595
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	1589
Total Group 1 Balance excluding Account 1589 - Global Adjustment	
Total Group 1 Balance	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568
Total including Account 1568	



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

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 (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>	1595
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	1589
Total Group 1 Balance excluding Account 1589 - Global Adjustment	
Total Group 1 Balance	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568
Total including Account 1568	



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

						2014
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2014	Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments <sup>1</sup> during 2014	Closing Principal Balance as of Dec 31, 2014
Group 1 Accounts						
LV Variance Account	1550	0			0	0
Smart Metering Entity Charge Variance Account	1551	0			5,821	5,821
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0			(205,094)	(205,094)
Variance WMS – Sub-account CBR Class A⁵	1580	0				0
Variance WMS – Sub-account CBR Class B⁵	1580	0				0
RSVA - Retail Transmission Network Charge	1584	0			61,561	61,561
RSVA - Retail Transmission Connection Charge	1586	0			16,718	16,718
RSVA - Power <sup>4</sup>	1588	0			(1,536,179)	(1,536,179)
RSVA - Global Adjustment <sup>4</sup>	1589	0			2,135,668	2,135,668
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			(17,919)	(17,919)
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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	2,135,668	2,135,668
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	, ,	(1,675,092)
Total Group 1 Balance		0	0	0	* * * * *	460,576
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0
Total including Account 1568		0	0	0	460,576	460,576



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

Account Descriptions	Account Number	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
Group 1 Accounts						
LV Variance Account	1550	0			0	0
Smart Metering Entity Charge Variance Account	1551	0			232	232
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0			(3,665)	(3,665)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0
Variance WMS – Sub-account CBR Class B⁵	1580	0				0
RSVA - Retail Transmission Network Charge	1584	0			476	476
RSVA - Retail Transmission Connection Charge	1586	0			(471)	(471)
RSVA - Power <sup>4</sup>	1588	0			(25,585)	(25,585)
RSVA - Global Adjustment <sup>4</sup>	1589	0			27,052	27,052
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			(1,997)	(1,997)
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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	27,052	27,052
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	(31,009)	(31,009)
Total Group 1 Balance		0	0	0	(3,957)	(3,957)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0
Total including Account 1568		0	0	0	(3,957)	(3,957)



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

						2015
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit / (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments <sup>1</sup> during 2015	Closing Principal Balance as of Dec 31, 2015
Group 1 Accounts						
LV Variance Account	1550	0		0		0
Smart Metering Entity Charge Variance Account	1551	5,821	(10,233)	9,763		(14,175)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(205,094)	(586,647)	(175,726)		(616,016)
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	75,255	0		75,255
RSVA - Retail Transmission Network Charge	1584	61,561	(41,289)	8,750		11,522
RSVA - Retail Transmission Connection Charge	1586	16,718	(5,788)	(14,608)		25,538
RSVA - Power <sup>4</sup>	1588	(1,536,179)	(1,818,079)	(584,838)		(2,769,420)
RSVA - Global Adjustment <sup>4</sup>	1589	2,135,668	2,042,100	677,980		3,499,788
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	(17,919)	197,493			179,575
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0	(49,393)			(49,393)
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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	2,135,668	2,042,100	677,980	0	3,499,788
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1,675,092)	(2,238,681)	(756,659)	0	(3,157,114)
Total Group 1 Balance		460,576	(196,581)	(78,679)	0	342,674
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0
Total including Account 1568		460,576	(196,581)	(78,679)	0	342,674



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

Account Descriptions	Account Number	Opening Interest Amounts as of Jan 1, 2015	Interest Jan 1 to Dec 31, 2015	OEB-Approved Disposition during 2015	Interest Adjustments <sup>1</sup> during 2015	Closing Interest Amounts as of Dec 31, 2015
Group 1 Accounts						
LV Variance Account	1550	0		0		0
Smart Metering Entity Charge Variance Account	1551	232	140	253		120
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(3,665)	(2,780)	(1,519)		(4,925)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0		0		0
Variance WMS – Sub-account CBR Class B⁵	1580	0	249	0		249
RSVA - Retail Transmission Network Charge	1584	476	211	(1,012)		1,699
RSVA - Retail Transmission Connection Charge	1586	(471)	143	(788)		460
RSVA - Power <sup>4</sup>	1588	(25,585)	(24,128)	(8,807)		(40,906)
RSVA - Global Adjustment <sup>4</sup>	1589	27,052	28,446	13,845		41,653
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	(1,997)	2,008			12
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0	4,072			4,072
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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	27,052	28,446	13,845	0	41,653
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(31,009)	(20,085)	(11,874)	0	(39,220)
Total Group 1 Balance		(3,957)	8,362	1,971	0	2,433
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				C
Total including Account 1568		(3,957)	8,362	1,971	0	2,433



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

						2016
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit / (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments <sup>1</sup> during 2016	Closing Principal Balance as of Dec 31, 2016
Group 1 Accounts						
LV Variance Account	1550	0		0		0
Smart Metering Entity Charge Variance Account	1551	(14,175)	(2,662)	(3,943)		(12,895)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(616,016)	(255,552)	(29,368)		(842,200)
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	75,255	(13,004)	0		62,251
RSVA - Retail Transmission Network Charge	1584	11,522	(92,466)	52,812		(133,756)
RSVA - Retail Transmission Connection Charge	1586	25,538	635	31,325		(5,152)
RSVA - Power <sup>4</sup>	1588	(2,769,420)	(668,863)	(951,341)		(2,486,942)
RSVA - Global Adjustment <sup>4</sup>	1589	3,499,788	482,073	1,457,688		2,524,173
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	179,575	342,906	332,098		190,383
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	(49,393)	57,836	0		8,443
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0	9,989	0		9,989
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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	3,499,788	482,073	1,457,688	0	2,524,173
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(3,157,114)	(621,181)	(568,417)	0	(3,209,878)
Total Group 1 Balance		342,674	(139,108)	889,271	0	(685,705)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0
Total including Account 1568		342,674	(139,108)	889,271	0	(685,705)



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

Account Descriptions	Account Number	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
Group 1 Accounts						
LV Variance Account	1550	0		0		0
Smart Metering Entity Charge Variance Account	1551	120	(367)	(78)		(169)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(4,925)	(7,938)	(2,578)		(10,286)
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	249	689	0		938
RSVA - Retail Transmission Network Charge	1584	1,699	(1,009)	2,264		(1,574)
RSVA - Retail Transmission Connection Charge	1586	460	776	778		457
RSVA - Power <sup>4</sup>	1588	(40,906)	10,749	(30,763)		606
RSVA - Global Adjustment <sup>4</sup>	1589	41,653	(6,974)	34,679		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	12	(340,822)	(344,904)		4,094
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	4.072	(520)	0		3,552
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0	2,896	0		2,896
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0	_,			_,
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>						
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0 <b>I</b>				0
RSVA - Global Adjustment	1589	41,653	(6,974)	34,679	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(39,220)	(335,546)	(375,280)	0	514
Total Group 1 Balance		2,433	(342,520)	(340,601)	0	514
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0
Total including Account 1568		2,433	(342,520)	(340,601)	0	514



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

						2017
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit / (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments <sup>1</sup> during 2017	Closing Principal Balance as of Dec 31, 2017
Group 1 Accounts						
LV Variance Account	1550	0				0
Smart Metering Entity Charge Variance Account	1551	(12,895)	(3,311)			(16,206)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(842,200)	(284,695)			(1,126,895)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0
Variance WMS – Sub-account CBR Class B⁵	1580	62,251	(4,716)			57,535
RSVA - Retail Transmission Network Charge	1584	(133,756)	(79,937)			(213,693)
RSVA - Retail Transmission Connection Charge	1586	(5,152)	(49,444)			(54,596)
RSVA - Power <sup>4</sup>	1588	(2,486,942)	1,144,040			(1,342,902)
RSVA - Global Adjustment <sup>4</sup>	1589	2,524,173	(1,664,743)			859,430
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	190,383				190,383
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	8,443				8,443
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	9,989	4,888			14,877
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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	2,524,173	(1,664,743)	0	0	859,430
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(3,209,878)	726,824	0	0	(2,483,054)
Total Group 1 Balance		(685,705)	(937,919)	0	0	(1,623,624)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0
Total including Account 1568		(685,705)	(937,919)	0	0	(1,623,624)



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

Account Descriptions	Account Number	Opening Interest Amounts as of Jan 1, 2017	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
Group 1 Accounts						
LV Variance Account	1550	0				0
Smart Metering Entity Charge Variance Account	1551	(169)	(169)			(339)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(10,286)	(11,762)			(22,048)
Variance WMS – Sub-account CBR Class A⁵	1580	0				0
Variance WMS – Sub-account CBR Class B⁵	1580	938	703			1,641
RSVA - Retail Transmission Network Charge	1584	(1,574)	(2,288)			(3,862)
RSVA - Retail Transmission Connection Charge	1586	457	386			844
RSVA - Power <sup>4</sup>	1588	606	(60,654)			(60,048)
RSVA - Global Adjustment <sup>4</sup>	1589	0	54,519			54,519
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	4,094	2,286			6,380
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	3,552	(512)			3,040
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	2,896	153			3,049
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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>						
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0 <b>I</b>				0
RSVA - Global Adjustment	1589	0	54,519	0	C	54,519
Total Group 1 Balance excluding Account 1589 - Global Adjustment		514	(71,856)	0	C	(71,342)
Total Group 1 Balance		514	(17,337)	0	C	(16,823)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0
Total including Account 1568		514	(17,337)	0	C	(16,823)



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

						2018
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2018	Transactions Debit / (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments <sup>1</sup> during 2018	Closing Principal Balance as of Dec 31, 2018
Group 1 Accounts						
LV Variance Account	1550	0				0
Smart Metering Entity Charge Variance Account	1551	(16,206)	(17,801)			(34,008)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,126,895)	(97,548)			(1,224,442)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	57,535	4,153			61,688
RSVA - Retail Transmission Network Charge	1584	(213,693)	42,331			(171,362)
RSVA - Retail Transmission Connection Charge	1586	(54,596)	180,659			126,063
RSVA - Power <sup>4</sup>	1588	(1,342,902)	848,262		(12,038)	(506,678)
RSVA - Global Adjustment <sup>4</sup>	1589	859,430	(1,050,676)		(24,817)	(216,064)
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	190,383				190,383
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	8,443				8,443
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	14,877				14,877
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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	4505					•
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	859,430	(1,050,676)	0	(24,817)	(216,064)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(2,483,054)	960,055	0	(12,038)	(1,535,037)
Total Group 1 Balance		(1,623,624)	(90,621)	O	(36,855)	(1,751,100)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0		0	80,290	80,290
Total including Account 1568		(1,623,624)	(90,621)	0	43,435	(1,670,810)



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

Account Descriptions	Account Number	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments <sup>1</sup> during 2018	Closing Interest Amounts as of Dec 31, 2018
Group 1 Accounts						
LV Variance Account	1550	0				0
Smart Metering Entity Charge Variance Account	1551	(339)	(356)			(694)
RSVA - Wholesale Market Service Charge⁵	1580	(22,048)	(20,574)			(42,622)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0
Variance WMS – Sub-account CBR Class B⁵	1580	1,641	981			2,623
RSVA - Retail Transmission Network Charge	1584	(3,862)	(3,988)			(7,851)
RSVA - Retail Transmission Connection Charge	1586	844	(1,512)			(668)
RSVA - Power <sup>4</sup>	1588	(60,048)	2,665			(57,383)
RSVA - Global Adjustment <sup>4</sup>	1589	54,519	(15,935)			38,584
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	6,380	3,550			9,929
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	3,040	157			3,197
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	3,049	277			3,327
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>	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>						
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0 <b>I</b>				0
RSVA - Global Adjustment	1589	54,519	(15,935)	0	0	38,584
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(71,342)	(18,800)	0	0	
Total Group 1 Balance		(16,823)	(34,735)	0	0	(51,559)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0			3,772	3,772
Total including Account 1568		(16,823)	(34,735)	0	3,772	(47,787)



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

		2019						
Account Descriptions	Account Number	Principal Disposition during 2019 - instructed by OEB	Interest Disposition during 2019 - instructed by OEB	Closing Principal Balances as of Dec 31, 2018 Adjusted for Disposition during 2019	Closing Interest Balances as of Dec 31, 2018 Adjusted for Disposition during 2019			
Group 1 Accounts								
LV Variance Account	1550			0	0			
Smart Metering Entity Charge Variance Account	1551			(34,008)	(694)			
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580			(1,224,442)	(42,622)			
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580			0	0			
Variance WMS – Sub-account CBR Class B⁵	1580			61,688	2,623			
RSVA - Retail Transmission Network Charge	1584			(171,362)	(7,851)			
RSVA - Retail Transmission Connection Charge	1586			126,063	(668)			
RSVA - Power <sup>4</sup>	1588			(506,678)	(57,383)			
RSVA - Global Adjustment <sup>4</sup>	1589			(216,064)	38,584			
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			190,383	9,929			
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595			8,443	3,197			
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595			14,877	3,327			
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>	1595			0	0			
Disposition and Recovery/Refund of Regulatory Balances (2019) <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			
Two to be disposed of until a year after fate fider has expired and that balance has been addited	1090	Ì		U	U			
RSVA - Global Adjustment	1589	0	C	(216,064)	38,584			
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	C	(1,535,037)	(90,142)			
Total Group 1 Balance		0	C	(1,751,100)	(51,559)			
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	I I		80,290	3,772			
Total including Account 1568		0	C	(1,670,810)	(47,787)			



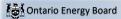
Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

		Projected I	nterest on Dec-3	31-18 Balan	ces	
Account Descriptions	Account Number	Projected Interest from Jan 1, 2019 to Dec 31, 2019 on Dec 31, 2018 balance adjusted for disposition during 2019 <sup>2</sup>	Projected Interest from Jan 1, 2020 to Apr 30, 2020 on Dec 31, 2018 balance adjusted for disposition during 2019 <sup>2</sup>	Total Interest	Total Claim	Account Disposition: Yes/No?
Group 1 Accounts						
LV Variance Account	1550	0		0	0	
Smart Metering Entity Charge Variance Account	1551	(764)		(1,458)	(35,466)	
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(27,519)		(70,141)	(1,294,584)	
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	1,386		4,009	65,697	
RSVA - Retail Transmission Network Charge	1584	(3,851)		(11,702)	(183,064)	
RSVA - Retail Transmission Connection Charge	1586	2,833		2,165	128,228	
RSVA - Power <sup>4</sup>	1588	(11,388)		(68,771)	(575,449)	Yes
RSVA - Global Adjustment <sup>4</sup>	1589	(4,856)		33,728	(182,336)	Yes
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0		0	0	No
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	4,279		14,208	204,591	Yes
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	190		3,387	11,830	Yes
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	334		3,661	18,538	Yes
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595			0	0	No
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595			0	0	No
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	No
RSVA - Global Adjustment	1589	(4,856)	0	33,728	(182,336)	
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(34,500)	0	(124,642)	(1,659,679)	
Total Group 1 Balance		(39,356)	0	(90,915)	(1,842,015)	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			3,772	84,062	
Total including Account 1568		(39,356)	0	(87,143)	(1,757,953)	



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filling.

		2.1.7 RRR	
Account Descriptions	Account Number	As of Dec 31, 2018	Variance RRR vs. 2018 Balance (Principal + Interest)
Group 1 Accounts			
LV Variance Account	1550	586,486	586,486
Smart Metering Entity Charge Variance Account	1551	(77,138)	(42,436)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(2,179,733)	(912,669)
Variance WMS – Sub-account CBR Class A⁵	1580	0	0
Variance WMS – Sub-account CBR Class B⁵	1580	2,464	(61,847)
RSVA - Retail Transmission Network Charge	1584	387,448	566,661
RSVA - Retail Transmission Connection Charge	1586	1,085,359	959,965
RSVA - Power <sup>4</sup>	1588	198,046	762,108
RSVA - Global Adjustment <sup>4</sup>	1589	(335,982)	(158,502)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	23,239	23,239
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	200,312	0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	45,718	34,078
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	174,270	156,067
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	(116,440)	(116,440)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	671,349	671,349
Disposition and Recovery/Refund of Regulatory Balances (2019) <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	(335,982)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Total Group 1 Balance excluding Account 1589 - Global Adjustment		998,917	
Total Group 1 Balance		662,935	2,465,594
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	567,267	483,205
Total including Account 1568		1,230,202	2,948,799



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

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

Have you confirmed the accuracy of the data below?

Yes

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non- RPP Customers (excluding WMP)	Wholesale Market	Metered <mark>kW</mark> for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1595 Recovery Proportion (2014) <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	125,372,648	0	7,870,765	0	0	0	125,372,648	0	170%	504%	42%	39,759	52,940
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,143,863	0	7,619,450	0	0	0	42,143,863	0	43%	132%	14%	17,755	5,692
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	122,047,055	309,865	109,868,680	285,805	3,711,652	7,386	118,335,403	302,479	-110%	-550%	42%	26,474	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	50,936	7	2,492	7	0	0	50,936	7	0%	0%	0%	0	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,991,189	5,008	1,990,426	5,008	0	0	1,991,189	5,008	-3%	14%	1%	74	
	Total	291,605,691	314,880	127,351,813	290,820	3,711,652	7,386	287,894,039	307,494	100%	100%	100%	84,062	58,632

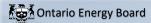
#### Threshold Test

Total Claim (including Account 1568)
Total Claim for Threshold Test (All Group 1 Accounts)
Threshold Test (Total claim per kWh) <sup>2</sup>

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

(\$1,757,953) (\$1,842,015) (\$0.0063)

YES



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_(2014)	1595_(2015)	1595_(2016)	1568
RESIDENTIAL SERVICE CLASSIFICATION	43.0%	90.3%	43.5%	0	(32,023)	(563,768)	(78,706)	55,130	(250,597)	347,804	59,594	7,861	39,759
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	14.5%	9.7%	14.6%	0	(3,443)	(189,510)	(26,457)	18,532	(84,238)	87,974	15,610	2,669	17,755
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	41.9%	0.0%	41.1%	0	0	(532,123)	(76,619)	53,668	(236,531)	(225,050)	(65,012)	7,791	26,474
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	(229)	(32)	22	(102)	0	15	4	0
STREET LIGHTING SERVICE CLASSIFICATION	0.7%	0.0%	0.7%	0	0	(8,954)	(1,250)	876	(3,980)	(6,138)	1,624	213	74
Total	100.0%	100.0%	100.0%	0	(35,466)	(1,294,584)	(183,064)	128,228	(575,449)	204,591	11,830	18,538	84,062

<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.



1a	The year Account 1589 GA was last disposed	2014	]
1b	The year Account 1580 CBR Class B was last disposed	Never Disposed	Note that the sub-account was established in 2015.
2a	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed to the current year requested for disposition)?	Yes	(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 2015 to 2018.)
2b	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CRR Class B balance accumulated (i.e. from the year after the balance was last disposed to the current year requested for disposition)?		(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 to 2018.

Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated

28
Transition Customers - Non-loss Adjusted Billing Determinants by Customer

			20	18	20	17	20	16	201	5
Customer	Rate Class		January to June	July to December						
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	644,915	1,149,937		-	1,327,160	796,720	1,526,323	1,621,522
		kW	1,687	3,314		-	3,688	2,109	4,353	4,362
		Class A/B	A	В	A	A	В	A	В	В
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					351,144	67,103	496,291	359,936
		kW		-	-	-	749	171	1,283	978
		Class A/B	A	A	A	A	В	A	В	В
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	-	-	-	-	7,684,338	7,288,209	6,871,890	7,191,910
		kW					13,934	13,975	13,716	18,328
		Class A/B	A	A	A	A	В	A	В	В
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	858,320	2,055,786	-	-	1,471,549	1,685,177	1,601,159	1,715,299
		kW	1,663	4,346	-	-	2,890	3,396	3,010	4,331
		Class A/B	A	В	A	A	В	A	В	В
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	276,255	688,154	-		469,124	397,458	423,309	439,110
		kW	632	1,637	-	-	1,250	990	1,037	3,112
		Class A/B	A	В	A	A	В	A	В	В
Customer 6	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	-	-	-	-	8,497,597	8,306,364	8,565,461	8,533,339
		kW	-		-	-	16,666	16,666	16,419	22,075
		Class A/B	A	A	Α	Α	В	A	В	В
Customer 7	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	-	-	573,000	741,600	539,400	787,800	441,600	693,600
		kW	-		3,601	3,980	3,451	3,517	3,230	3,719
		Class A/B	A	A	В	A	В	В	В	В
Customer 8	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	67,254	154,299	-	-	136,676	130,077	141,145	117,769
		kW	203 A	698 B	-	-	488 B	542 A	498 B	464 B
		Class A/B		В	A	A				
Customer 9	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	-				1,125,790	1,174,752	1,191,833	1,090,261
		kW Class A/B	Α .	Α .	Α .	Α .	11,621 B	16,272 A	3,48U B	3,091 B
Customer 10	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	. A	A -	2.587.200	2.503.200	2,710,400	2.660.000	2,732,800	2.693.600
Customer 10	GENERAL SERVICE SU to 4,999 KW SERVICE CLASSIFICATION	kW			7,235	6,524	7,067	7,454	6,989	7,017
		Class A/B	Α .	Α .	7,233 R	A 0,524	7,067 B	7,434 B	B 0,969	7,017 B
Customer 11	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	435,387	1,052,091	- В		702,727	767,535	688,765	796,105
Customer 11	GENERAL SERVICE SO to 4,555 KW SERVICE CEASSITICATION	kW	739	1,032,091			1,261	1,341	1.172	1,825
		Class A/B	A 739	B B	Α .	Α .	1,201 R	A A	1,172 R	1,025 B
Customer 12	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	715.916	1.519.060			1.112.963	1.212.660	1.065.747	1.128.199
Customer 12	GENERAL SERVICE SO to 4,555 KW SERVICE CEASSIFICATION	kW	1.253	2,578			1,112,503	2.017	1,003,747	2,530
		Class A/B	A 1,233	B R	A	A	R R	A 2,017	B B	B 2,530
Customer 13	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	352,301	720,399			655,101	594,983	718,934	604,049
customer 15	GENERAL SERVICE SO TO 4,555 KW SERVICE CERSSITION	kW	1,091	2,917			2.272	2.123	2.159	2,101
		Class A/B	Α	В	A	A	B	Α	B	B
Customer 14	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh		-		-	3,202,567	3,820,412	3,165,662	3,668,369
		kW		-	-	-	6,274	7,498	6,250	9,203
		Class A/B	A	A	A	A	В	Α	В	В
Customer 15	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	419,389	817,946	-	-	686,353	630,812	700,482	551,486
		kW	1,518	3,214	-	-	2,394	2,523	2,409	2,884
		Class A/B	Α	В	A	A	В	A	В	В
Customer 16	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	818,772	1,326,426			1,319,521	1,410,269	1,299,098	1,231,422
		kW	1,506	2,571		-	2,350	2,591	2,266	2,209
		Class A/B	A	В	A	A	В	A	В	В
Customer 17	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	553,286	1,262,018	-	-	797,146	1,008,932	784,169	1,022,139
		kW	1,291	3,082			2,018	2,410	2,058	3,512
		Class A/B	A	В	A	A	В	A	В	В
Customer 18	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	664,064	1,474,506			1,122,807	1,179,354	1,091,245	1,128,363
		kW	1,550	3,948			2,707	3,007	2,609	3,625
		Class A/B	A	В	А	А	В	A	В	В
-										

Customer 19   GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION   kWh   151,315   302,200   -   209,516   190,884	227,454 178 1,135 1 B B 181,189 154 760 1 B B 269,333 185
Class A/8	B B 181,189 154 760 1 B B 8 269,333 185 900 1 1
Customer 20 GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	181,189 154 760 11 B B B 269,333 185 900 11
NW   440   1,156   -   -   773   716	760 1 B B B 269,333 185 900 1
Class A/8	B B 269,333 185 900 1
Customer 21 GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION kWh 136,688 273,808 198,717 205,666 kW 532 1,243 911 861	269,333 185 900 1
kw 532 1,243 - 911 861	900 1
Class A/B A B A A B A	
	B B
Customer 22 GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION kWh 122,035 204,731 227,873 149,800	252,348 167
kW 384 907 - 934 647	927 1
Class A/B A B A A B A	B B
Customer 23 GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION kWh 139,117 275,909 205,768 168,874	235,873 154
kW 608 1,204 921 854	912 1
Class A/B A B A A B A	B B
Customer 24 GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION kWh 113,739 191,509 171,596 133,661	164,995 130
kW 490 1,014 - 787 687	729
Class A/B A B A A B A	В В
Customer 25 GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION kWh 494,019 1,153,804 813,220 889,076	869,123 855
kW 1,098 2,971 - 1,922 2,215	1,873
Class A/B A B A A B A	В В
Customer 26 GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION kWh 32,697 69,205 43,191 48,567	51,728 49
kW 125 282 187 199	209
Class A/B A B A A B A	В В
Customer 27 GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION kWh 1,538,516 2,022,675 1,192,129 42,425	-
kW 3,747 4,858 2,726 89	-
Class A/B A B A B A	В В
Customer 28 GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION kWh	-
kW	-
Class A/B A A A B B	В В

Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated. Enter the total Class A consumption in the rate class in the table

Rate Classes with Class A Customers - Billing Determinants by Rate Class

	Rate Class		2018	2017	2016	2015
Rate Class 1		kWh	52,905,078	63,023,609		
		kW	151,173	173,238		



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

Year the Account 1589 GA Balance Last Disposed

2014

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

		Total	2018	2017	2016	2015				
Non-RPP Consumption Less WMP Consumption	Α	510,052,204	127,351,813	124,968,675	129,048,784	128,682,932				
Less Class A Consumption for Partial Year Class A Customers	В	44,848,173	7,106,135	5,267,475	32,474,563	-				
Less Consumption for Full Year Class A Customers	С	115,928,687	52,905,078	63,023,609	-	-				
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	349,275,344	67,340,600	56,677,591	96,574,221	128,682,932				
All Class B Consumption for Transition Customers	E	132,448,545	14,925,598	4,698,716	40,605,078	72,219,152				
Transition Customers' Portion of Total Consumption	F = E/D	37.92%								

#### Allocation of Total GA Balance \$

Total GA Balance	G	-\$ 182	,336
Transition Customers Portion of GA Balance	H=F*G	-\$ 69	,144
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$ 113	,193

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	27							
Customer	Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2018	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2017	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2016	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2015		Customer Specific GA Allocation for the Period When They Were a Class B customer	Monthly Equal Payments
Customer 1	5,624,941	1,149,937	,	1,327,160	3,147,845	4.25%	-\$ 2,936	-\$ 24
Customer 2	1,207,371		) (	351,144	856,228	0.91%	-\$ 630	-\$ 5
Customer 3	21,748,138	3	) (	7,684,338	14,063,800	16.42%	-\$ 11,353	-\$ 94
Customer 4	6,843,794	2,055,786	i (	1,471,549	3,316,459	5.17%	-\$ 3,573	-\$ 29
Customer 5	2,019,697	688,154	(	469,124	862,419	1.52%	-\$ 1,054	-\$ 8
Customer 6	25,596,397	7	)	8,497,597	17,098,800	19.33%	-\$ 13,362	-\$ 1,11
Customer 7	3,035,400		573,000	1,327,200	1,135,200	2.29%	-\$ 1,585	-\$ 13
Customer 8	549,890	154,299	0	136,676	258,915	0.42%	-\$ 287	-\$ 2
Customer 9	3,407,883	3	)	1,125,790	2,282,094	2.57%	-\$ 1,779	-\$ 14
Customer 10	13,384,000		2,587,200	5,370,400	5,426,400	10.11%	-\$ 6,987	-\$ 58
Customer 11	3,239,688	1,052,091		702,727	1,484,870	2.45%	-\$ 1,691	-\$ 14
Customer 12	4,825,969	1,519,060	0	1,112,963	2,193,946	3.64%	-\$ 2,519	-\$ 21
Customer 13	2,698,483	720,399	0	655,101	1,322,983	2.04%		
Customer 14	10,036,598	3	0	3,202,567	6,834,031	7.58%		
Customer 15	2,756,267			686,353	1,251,968	2.08%		
Customer 16	5,176,467	1,326,426		1,319,521	2,530,519	3.91%		
Customer 17	3,865,471	1,262,018	0	797,146	1,806,308	2.92%	-\$ 2,018	-\$ 16
Customer 18	4,816,921	1,474,506	6	1,122,807	2,219,608	3.64%	-\$ 2,515	-\$ 21
Customer 19	917,345	302,200	0	209,516	405,629	0.69%	-\$ 479	-\$ 4
Customer 20	752,057	233,808		182,906	335,342	0.57%	-\$ 393	-\$ 3
Customer 21	927,088	273,808	0	198,717	454,564	0.70%	-\$ 484	-\$ 4
Customer 22	852,379	204,731		227,873	419,775	0.64%		
Customer 23	871,872	275,909		205,768	390,195	0.66%		
Customer 24	658,692	191,509	0	171,596	295,587	0.50%		
Customer 25	3,691,735	1,153,804		813,220	1,724,710	2.79%		-\$ 16
Customer 26	213,356	69,205		43,191	100,959	0.16%	-\$ 111	-\$
Customer 27	2,730,645	5	1,538,516	1,192,129	0	2.06%	-\$ 1,426	-\$ 11
Total	132,448,545	14,925,598	4,698,716	40,605,078	72,219,152	100.00%	-\$ 69,144	



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

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

GA Rate Rider

-\$0.0011 kWh -\$0.0011 -\$0.0011

-\$0.0012

-\$0.0011

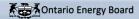
kWh

kWh

kWh

		Total Metered Non-RPP 2018 Consumption excluding WMP	Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2018 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers
		kWh	kWh	kWh	kWh		
RESIDENTIAL SERVICE CLASSIFICATION	kWh	7,870,765	0	0	7,870,765	7.5%	(\$8,459)
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	7,619,450	0	0	7,619,450	7.2%	(\$8,189)
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	109,868,680	0	22,031,735	87,836,945	83.4%	(\$94,403)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	2,492	0	0	2,492	0.0%	(\$3)
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,990,426	0	0	1,990,426	1.9%	(\$2,139)
	Total	127,351,813	0	22,031,735	105,320,078	100.0%	(\$113,193)

Total Metered 2018



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.

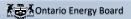
ear Account 1580 CBR Class B was Last Disposed	Never Disposed
--	----------------

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

		Total	2018	2017	2016	2015
Total Consumption Less WMP Consumption	A	670,594,430	287,894,039	124,968,675	129,048,784	128,682,932
Less Class A Consumption for Partial Year Class A Customers	В	44,848,173	7,106,135	5,267,475	32,474,563	
Less Consumption for Full Year Class A Customers	С	115,928,687	52,905,078	63,023,609	-	
Total Class B Consumption for Years During Balance			227.882.826	56.677.591	96.574.221	128.682.932
Accumulation	D = A-B-C	509,817,570	7 7			-,,
All Class B Consumption for Transition Customers	E	132,448,546	14,925,598	4,698,716	40,605,078	72,219,152
Transition Customers' Portion of Total Consumption	F = E/D	25.98%				

Allocation of Total CBR Class B Balance \$			
Total CBR Class B Balance	G	\$	65,697
Transition Customers Portion of CBR Class B Balance	H=F*G	\$	17,068
CBR Class B Balance to be disposed to Current Class B Customers			
through Rate Rider	I=G-H	s	48.629

Allocation of CBR Class B Balances to Transition Customers # of Class A/B Transition Customers	27	7						
FOI CIASS A/D TRAISMON CUSTOMERS	Total Metered Class B Consumption (kWh) for Transition		Metered Class B Consumption (kWh) for Transition Customers		Metered Class B Consumption		Customer Specific CBR	
	Customers During the Period When They were Class B	Customers During the Period When They were Class B	During the Period When They were Class B Customers in	During the Period When They were Class B Customers in	(kWh) for Transition Customers During the Period When They were Class B Customers in 2015		Class B Allocation for the Period When They Were a	Monthly Equal
Customer	Customers	Customers in 2018	2017	2016		% of kWh	Class B Customer	Payments
Customer 1	5,624,94		-	1,327,160	3,147,845	4.25%		
Customer 2	1,207,37		-	351,144	856,228	0.91%	\$ 156	\$ 1
Customer 3	21,748,138		-	7,684,338	14,063,800	16.42%	\$ 2,803	\$ 23
Customer 4	6,843,794	4 2,055,786	-	1,471,549	3,316,459	5.17%	\$ 882	\$ 73
Customer 5	2,019,697	7 688,154	-	469,124	862,419	1.52%	\$ 260	\$ 22
Customer 6	25,596,397	7 -	-	8,497,597	17,098,800	19.33%	\$ 3,298	\$ 275
Customer 7	3.035.400	0 -	573.000	1,327,200	1,135,200	2.29%	\$ 391	\$ 33
Customer 8	549.890	154.299	-	136.676	258.915	0.42%	\$ 71	S (
Customer 9	3.407.883	3 -	-	1.125.790	2,282,094	2.57%	\$ 439	\$ 37
Customer 10	13.384.000	n -	2.587.200	5.370.400	5,426,400	10.11%		S 14
Customer 11	3,239,688	8 1.052.091	-	702.727	1,484,870	2.45%		
Customer 12	4.825.969		_	1.112.963	2.193.946	3.64%		
Customer 13	2,698,483		_	655.101	1,322,983	2.04%		
Customer 14	10,036,598		-	3,202,567	6,834,031	7.58%		
Customer 15	2,756,267	7 817,946	-	686,353	1,251,968	2.08%	\$ 355	\$ 3
Customer 16	5,176,467	7 1,326,426	-	1,319,521	2,530,519	3.91%		
Customer 17	3,865,47	1 1,262,018	-	797,146	1,806,308	2.92%		
Customer 18	4,816,92		-	1,122,807	2,219,608	3.64%		
Customer 19	917,345		-	209,516	405,629	0.69%		
Customer 20	752,057		-	182,906	335,342	0.57%		\$ 1
Customer 21	927,088		-	198,717	454,564	0.70%		
Customer 22	852,379		-	227,873	419,775	0.64%		
Customer 23	871,872		-	205,768	390,195	0.66%	\$ 112	
Customer 24	658,692		-	171,596	295,587	0.50%		\$
Customer 25 Customer 26	3,691,735 213,356		-	813,220	1,724,710	2.79%	\$ 476	S 4
Customer 26 Customer 27	213,356		1,538,516	43,191 1.192,129	100,959	0.16% 2.06%		
			1,538,516 4.698.716	1,192,129 40,605,078	72.219.152	100.00%		
Total	132,448,545	14,925,598	4,698,716	40,605,078	72,219,152	100.00%	a 17,068	a 1,42



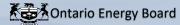
No input required. The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

The year Account 1580 CBR Class B was last disposed

Never Disposed

		Total Metered 2018 Co Minus WMP		Total Metered 2018 Consun Year Class A Custo		Total Metered 2018 Consumpti Customers	on for Transition	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	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	125,372,648	0	0	0	0	0	125,372,648	0	47.2%	\$22,932	\$0.0002	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,143,863	0	0	0	0	0	42,143,863	0	15.9%	\$7,709	\$0.0002	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	118,335,403	302,479	0	0	22,031,735	57,946	96,303,668	244,533	36.2%	\$17,615	\$0.0720	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	50,936	7	0	0	0	0	50,936	7	0.0%	\$9	\$0.0002	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,991,189	5,008	0	0	0	0	1,991,189	5,008	0.7%	\$364	\$0.0727	kW
	Total	287,894,039	307,494	0	0	22,031,735	57,946	265,862,304	249,548	100.0%	\$48,629		

Total CBR Class B \$



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

Default Rate Rider Recovery Period (in months) **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		Account Balances to All	Allocation of Group 1 Account Balances to Non- WMP Classes Only (If	Account Rate	Deferral/Variance Account Rate Rider for 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
RESIDENTIAL SERVICE CLASSIFICATION	kWh	125,372,648	0	125,372,648	0	(454,705)		(0.0036)	0.0000	0.0003
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,143,863	0	42,143,863	0	(178,864)		(0.0042)	0.0000	0.0004
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	122,047,055	309,865	118,335,403	302,479	(305,222)	(768,655)	(0.9850)	(2.5412)	0.0854
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	50,936	7	50,936	7	(321)		(0.0063)	0.0000	0.0000
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,991,189	5,008	1,991,189	5,008	(17,609)		(3.5162)	0.0000	0.0148

<sup>&</sup>lt;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.

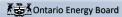


#### **Summary - Sharing of Tax Change Forecast Amounts**

	20	15	2020
OEB-Approved Rate Base	\$	-	\$ -
OEB-Approved Regulatory Taxable Income	\$	-	\$ -
Federal General Rate			15.0%
Federal Small Business Rate			9.0%
Federal Small Business Rate (calculated effective rate) <sup>1,2</sup>			9.0%
Ontario General Rate			11.5%
Ontario Small Business Rate			3.5%
Ontario Small Business Rate (calculated effective rate) 1,2			3.5%
Federal Small Business Limit			\$ 500,000
Ontario Small Business Limit			\$ 500,000
Federal Taxes Payable			\$ -
Provincial Taxes Payable			\$ -
Federal Effective Tax Rate			0.0%
Provincial Effective Tax Rate		_	0.0%
Combined Effective Tax Rate		0.0%	0.0%
Total Income Taxes Payable	\$	-	\$ -
OEB-Approved Total Tax Credits (enter as positive number)	\$	-	\$ -
Income Tax Provision	\$	-	\$ -
Grossed-up Income Taxes	\$	-	\$ -
Incremental Grossed-up Tax Amount			\$ -
Sharing of Tax Amount (50%)			\$ -

#### Notes

- 1. Regarding the small business deduction, if applicable,
  - a. If taxable capital exceeds \$15 million, the small business rate will not be applicable.
  - b. If taxable capital is below \$10 million, the small business rate would be applicable.
  - c. If taxable capital is between \$10 million and \$15 million, the appropriate small business rate will be calculated.
- 2. The OEB's proxy for taxable capital is rate base.

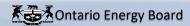


Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H.

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

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	125,372,648		0	0.00	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,143,863		0	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	122,047,055	309,865	0	0.0000	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	50,936	7	0	0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,991,189	5,008	0	0.0000	kW
Total		291.605.691	314.880	\$0		

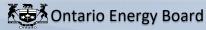


Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	125,372,648	0	1.0393	130,299,793
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	125,372,648	0	1.0393	130,299,793
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	42,143,863	0	1.0393	43,800,117
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060	42,143,863	0	1.0393	43,800,117
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6959	122,047,055	309,865		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4560	122,047,055	309,865		
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.6944	50,936	7		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5427	50,936	7		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0788	1,991,189	5,008		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8937	1,991,189	5,008		



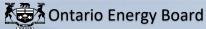
Uniform Transmission Rates	Unit	2018			2019		2019 1 - Dec 31)	2020
Rate Description			Rate		Rate		Rate	Rate
Network Service Rate	kW	\$		3.61	\$ 3.71	\$	3.83	\$ 3.83
Line Connection Service Rate	kW	\$		0.95	\$ 0.94	\$	0.96	\$ 0.96
Transformation Connection Service Rate	kW	\$		2.34	\$ 2.25	\$	2.30	\$ 2.30
Hydro One Sub-Transmission Rates	Unit		2018		2019 - June 30)		2019 1 - Dec 31)	2020
Rate Description			Rate		Rate		Rate	Rate
Network Service Rate	kW	\$		3.1942	\$ 3.1942	\$	3.2915	\$ 3.2915
Line Connection Service Rate	kW	\$		0.7710	\$ 0.7710	\$	0.7877	\$ 0.7877
Transformation Connection Service Rate	kW	\$		1.7493	\$ 1.7493	\$	1.9755	\$ 1.9755
Both Line and Transformation Connection Service Rate	kW	\$		2.5203	\$ 2.5203	\$	2.7632	\$ 2.7632



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

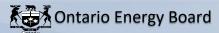
If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered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

IESO		Network	Lir	ne Connec	tion		Transfo	ction	<b>Total Connection</b>					
Month	Units Billed	Rate	A	Amount	<b>Units Billed</b>	Rate		Amount	Units Billed	Rate		Amount		Amount
		•				• • • • •				•			_	
January	44,701	\$3.61	\$	161,371	45,736	\$0.95	\$	43,449	45,736	\$2.34	\$	107,022	\$	150,471
February	41,466	\$3.61	\$	149,692	42,905	\$0.95	\$	40,760	42,905	\$2.34	\$	100,398	\$	141,157
March	39,052	\$3.61	\$	140,978	39,903	\$0.95	\$	37,908	39,903	\$2.34	\$	93,373	\$	131,281
April	38,941	\$3.61	\$	140,577	38,941	\$0.95	\$	36,994	38,941	\$2.34	\$	91,122	\$	128,116
May	51,004	\$3.61	\$	184,124	54,002	\$0.95	\$	51,302	54,002	\$2.34	\$	126,365	\$	177,667
June	50,531	\$3.61	\$	182,417	58,123	\$0.95	\$	55,217	58,123	\$2.34	\$	136,008	\$	191,225
July	57,392	\$3.61	\$	207,185	59,285	\$0.95	\$	56,321	59,285	\$2.34	\$	138,727	\$	195,048
August	58,677	\$3.61	\$	211,824	58,677	\$0.95	\$	55,743	58,677	\$2.34	\$	137,304	\$	193,047
September	59,932	\$3.61	\$	216,355	60,236	\$0.95	\$	57,224	60,236	\$2.34	\$	140,952	\$	198,176
October	43,962	\$3.61	\$	158,703	45,578	\$0.95	\$	43,299	45,578	\$2.34	\$	106,653	\$	149,952
November	42,080	\$3.61	\$	151,909	43,256	\$0.95	\$	41,093	43,256	\$2.34	\$	101,219	\$	142,312
December	42,236	\$3.61	\$	152,472	43,701	\$0.95	\$	41,516	43,701	\$2.34	\$	102,260	\$	143,776
Total	569,974	\$ 3.6	1 \$	2,057,606	590,343	\$ 0.95	\$	560,826	590,343	\$ 2.34	\$	1,381,403	\$	1,942,228



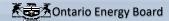
The purpose of this sheet is to calculate the expected billing when current 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

IESO		Network		Line Connection				Transformation Connection					Total Connection		
Month	Units Billed	Rate	Amount	Units Billed		Rate		Amount	Units Billed		Rate		Amount		Amount
January	44,701	\$ 3.7100	\$ 165,841	45,736	\$	0.9400	\$	42,992	45,736	\$	2.2500	\$	102,906	\$	145,898
February	41,466	\$ 3.7100	\$ 153,839	42,905	\$	0.9400	\$	40,331	42,905	\$	2.2500	\$	96,536	\$	136,867
March	39,052	\$ 3.7100	\$ 144,883	39,903	\$	0.9400	\$	37,509	39,903	\$	2.2500	\$	89,782	\$	127,291
April	38,941	\$ 3.7100	\$ 144,471	38,941	\$	0.9400	\$	36,605	38,941	\$	2.2500	\$	87,617	\$	124,222
May	51,004	\$ 3.7100	\$ 189,225	54,002	\$	0.9400	\$	50,762	54,002	\$	2.2500	\$	121,505	\$	172,266
June	50,531	\$ 3.7100	\$ 187,470	58,123	\$	0.9400	\$	54,636	58,123	\$	2.2500	\$	130,777	\$	185,412
July	57,392	\$ 3.8300	\$ 219,811	59,285	\$	0.9600	\$	56,914	59,285	\$	2.3000	\$	136,356	\$	193,269
August	58,677	\$ 3.8300	\$ 224,733	58,677	\$	0.9600	\$	56,330	58,677	\$	2.3000	\$	134,957	\$	191,287
September	59,932	\$ 3.8300	\$ 229,540	60,236	\$	0.9600	\$	57,827	60,236	\$	2.3000	\$	138,543	\$	196,369
October	43,962	\$ 3.8300	\$ 168,374	45,578	\$	0.9600	\$	43,755	45,578	\$	2.3000	\$	104,829	\$	148,584
November	42,080	\$ 3.8300	\$ 161,166	43,256	\$	0.9600	\$	41,526	43,256	\$	2.3000	\$	99,489	\$	141,015
December	42,236	\$ 3.8300	\$ 161,764	43,701	\$	0.9600	\$	41,953	43,701	\$	2.3000	\$	100,512	\$	142,465
Total	569,974	\$ 3.77	\$ 2,151,117	590,343	\$	0.95	\$	561,137	590,343	\$	2.28	\$	1,343,808	\$	1,904,945



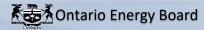
The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

IESO		Network		Li	on		Transfo	nnection	<b>Total Connection</b>			
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amo	ount	Units Billed	Rate	Amount		Amount
January	44,701	\$ 3.8300	\$ 171,205	45,736	\$ 0.9600	\$	43,907	45,736	\$ 2.3000	\$ 105,193	\$	149,099
February	41,466	\$ 3.8300	\$ 158,815	42,905	\$ 0.9600	\$	41,189	42,905	\$ 2.3000	\$ 98,682	\$	139,870
March	39,052	\$ 3.8300	\$ 149,569	39,903	\$ 0.9600	\$	38,307	39,903	\$ 2.3000	\$ 91,777	\$	130,084
April	38,941	\$ 3.8300	\$ 149,144	38,941	\$ 0.9600	\$	37,383	38,941	\$ 2.3000	\$ 89,564	\$	126,948
May	51,004	\$ 3.8300	\$ 195,345	54,002	\$ 0.9600	\$	51,842	54,002	\$ 2.3000	\$ 124,205	\$	176,047
June	50,531	\$ 3.8300	\$ 193,534	58,123	\$ 0.9600	\$	55,798	58,123	\$ 2.3000	\$ 133,683	\$	189,481
July	57,392	\$ 3.8300	\$ 219,811	59,285	\$ 0.9600	\$	56,914	59,285	\$ 2.3000	\$ 136,356	\$	193,269
August	58,677	\$ 3.8300	\$ 224,733	58,677	\$ 0.9600	\$	56,330	58,677	\$ 2.3000	\$ 134,957	\$	191,287
September	59,932	\$ 3.8300	\$ 229,540	60,236	\$ 0.9600	\$	57,827	60,236	\$ 2.3000	\$ 138,543	\$	196,369
October	43,962	\$ 3.8300	\$ 168,374	45,578	\$ 0.9600	\$	43,755	45,578	\$ 2.3000	\$ 104,829	\$	148,584
November	42,080	\$ 3.8300	\$ 161,166	43,256	\$ 0.9600	\$	41,526	43,256	\$ 2.3000	\$ 99,489	\$	141,015
December	42,236	\$ 3.8300	\$ 161,764	43,701	\$ 0.9600	\$	41,953	43,701	\$ 2.3000	\$ 100,512	\$	142,465
Total	569,974	\$ 3.83	\$ 2,183,000	590,343	\$ 0.96	\$ :	566,729	590,343	\$ 2.30	\$ 1,357,789	\$	1,924,518



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	0.0067	130,299,793	0	873,009	43.4%	933,252	0.0072
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	43,800,117	0	293,461	14.6%	313,712	0.0072
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6959		309,865	835,365	41.5%	893,011	2.8819
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.6944		7	12	0.0%	13	1.8112
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0788		5,008	10,411	0.5%	11,129	2.2223
The purpose of this table is to re-align the current R	S Connection Rates to recover current wholesale connection costs.								
Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	130,299,793	0	846.949	45.0%	858.062	0.0066
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060	43,800,117	0	262,801	14.0%	266,249	0.0061
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4560		309,865	761,028	40.5%	771,015	2.4882
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5427		7	11	0.0%	11	1.5631
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8937		5,008	9,484	0.5%	9,608	1.9185
The purpose of this table is to update the re-aligned	RTS Network Rates to recover future wholesale network costs.								
Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	130,299,793	0	933,252	43.4%	947,085	0.0073
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	43,800,117	0	313,712	14.6%	318,361	0.0073
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8819		309,865	893,011	41.5%	906,247	2.9247
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8112		7	13	0.0%	13	1.8383
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2223		5,008	11,129	0.5%	11,294	2.2552
The purpose of this table is to update the re-aligned	RTS Connection Rates to recover future wholesale connection costs.								
Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066	130,299,793	0	858,062	45.0%	866,879	0.0067
Residential Service Classification General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh	0.0066 0.0061	130,299,793 43,800,117	0	858,062 266,249	45.0% 14.0%	866,879 268,985	0.0067 0.0061
					-				
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061		0	266,249	14.0%	268,985	0.0061

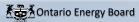


If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2018 values and will be updated by OEB staff at a later date.

Price Escalator	1.20%	Productivity Factor	0.00%
Choose Stretch Factor Group	II	Price Cap Index	1.05%
Associated Stretch Factor Value	0.15%		

Current MFC	•		DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
26.76				1.05%	27.04	0.0000
24.55		0.0167		1.05%	24.81	0.0169
76.48		3.6613		1.05%	77.28	3.6997
4.95		5.9875		1.05%	5.00	6.0504
3.78		0.0369		1.05%	3.82	0.0373
10					10	
	MFC 26.76 24.55 76.48 4.95 3.78	MFC from R/C Model  26.76 24.55 76.48 4.95 3.78	MFC from R/C Model Volumetric Charge  26.76 24.55 0.0167 76.48 3.6613 4.95 5.9875 3.78 0.0369	MFC from R/C Model Volumetric Charge DVR Adjustment from R/C Model  26.76 24.55 0.0167 76.48 3.6613 4.95 5.9875 3.78 0.0369	Current MFC         MFC Adjustment from R/C Model         Current Volumetric Charge         DVR Adjustment from R/C Model         be Applied to MFC and DVR           26.76         1.05%         1.05%           24.55         0.0167         1.05%           76.48         3.6613         1.05%           4.95         5.9875         1.05%           3.78         0.0369         1.05%	Current MFC         MFC Adjustment from R/C Model         Current Volumetric Charge         DVR Adjustment from R/C Model         be Applied to MFC and DVR         Proposed MFC           26.76         1.05%         27.04           24.55         0.0167         1.05%         24.81           76.48         3.6613         1.05%         77.28           4.95         5.9875         1.05%         5.00           3.78         0.0369         1.05%         3.82

If applicable, Wheeling Service Rate 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

Effective Date of Regulatory Charges		January 1, 2019	January 1, 2020
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.25	0.25

#### Time-of-Use RPP Prices

As of		May 1, 2019
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1340

#### Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$ 0.57

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

#### Miscellaneous Service Charges

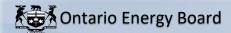
Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	43.63	1.20%	44.15

Retail Service Charges		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00	1.20%	101.20
Monthly fixed charge, per retailer	\$	40.00	1.20%	40.48
Monthly variable charge, per customer, per retailer	\$/cust.	1.00	1.20%	1.01
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.60	1.20%	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.60)	1.20%	(0.61)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	\$	0.50	1.20%	0.51
Processing fee, per request, applied to the requesting party	\$	1.00	1.20%	1.01
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.00	1.20%	4.05
Notice of switch letter charge, per letter	\$	2.00	1.20%	2.02

 $<sup>\</sup>ensuremath{^*}$  inflation factor subject to change pending OEB approved inflation rate effective in 2020

<sup>\*\*</sup> applicable only to LDCs in which the province-wide pole attachment charge applies

<sup>\*\*\*</sup> subject to change pending OEB order on miscellaneous service charges



In the Green Cells below, enter all proposed rate riders/rates. Please note that the following rates/charges are to be entered in the Final Tariff Schedule tab: Monthly Service Charge, Distribution Volumetric Rate and Retail Transmission Rates.

In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with "Rate Rider for".

In column B, choose the associated unit from the drop-down menu.

DECIDENTIAL CEDVICE OF ACCIDICATION

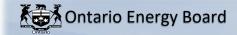
In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.

In column E, enter the expiry date (e.g. April 30, 2020) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).

In column G, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B). Sub-Total A refers to rates/rate riders that Not considered as pass through costs (eg: LRAMVA and ICM/ACM rate riders). Sub-Total B refers to rates/rate riders that are considered pass through costs.

DATE (EC. Ameli 20, 2020)

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	St
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	Sl
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		



III III III III III III III III III II	ior zuzu Filers				
			- effective until		
			- effective until		
			- effective until		
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	;
			- effective until	· , , ,	
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
SENTINEL LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	;
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	
STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (EG: April 30, 2020)	



- effective until
- effective until

microFIT SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	



### **ATTACHMENT L**

### Entegrus-St. Thomas IESO Settlement Process



### THE ENTEGRUS-ST. THOMAS DISTRIBUTION SYSTEM

The Entegrus-St. Thomas distribution system is directly connected to the Hydro One Networks Inc. ("HONI") transmission system in its entirety. Accordingly, Entegrus-St. Thomas settles only with the IESO.

### THE IESO SETTLEMENT PROCESS

Note that the settlement process described bellowed was utilized by the former St. Thomas Energy Inc. ("STEI" until April 2018. On April 1, 2018, STEI merged with Entegrus Powerlines Inc. ("Entegrus") and continued business as Entegrus. Thereafter, the Entegrus settlement process described in Attachment D has been utilized for all Entegrus rate zones.

On a monthly basis, an invoice is received from the IESO, which provides an amount payable/receivable to/from the IESO to settle for the previous month. The settlement figures are communicated to the IESO via its online portal on, or before, the fourth business day of the month. This process exists to ensure appropriate settlement for the various government-mandated rates/plans/programs.

Programs are categorized under specific charge types delineated on the IESO invoice, which arrives midmonth. The key charges types are summarized as follows:

- The Regulated Price Plan (RPP) charge type 1142
- Global Adjustment (GA) charge type 147 and 148
- Feed-In-Tariff (FIT) Program charge type 1412
- Ontario Electricity Support Program (OESP) charge type 1420 & 1470
- Global Adjustment Modifier for Non-RPP Customers charge type 1143
- Ontario Rebate for Electricity Consumers charge type 9982

A further explanation of each component of this settlement process is provided below.



#### REGULATED PRICE PLAN SETTLEMENT AMOUNT

The difference between Regulated Price Plan ("RPP") rates applied to RPP customers and the sum of the corresponding customer consumption is multiplied by the Hourly Ontario Energy Price ("HOEP") and Global Adjustment ("GA") in the IESO Form (formerly 1598) and is submitted to the IESO each month.

RPP customer consumption is based on metered consumption for the calendar month. The current period RPP rates, HOEP and Class B 2<sup>nd</sup> GA rates are then applied to calculate the RPP Settlement Amount. The amount settled with the IESO is the difference between the sum of the HOEP and GA calculation minus the billed RPP commodity (at the applicable TOU or tier pricing.)

Upon the completion of all RPP customer billing cycles, a reconciliation is prepared comparing estimated consumption and actual metered consumption. Further, the HOEP and GA rates are updated to Actual. Any additional variances are identified and submitted to the IESO. Due to cycle billing, this reconciliation process typically happens within three months of the actual customer consumption.

The accounting adjustment required for Account 1588 and Account 1589 is calculated by first determining the GA pertaining to RPP usage. To determine adjusted Power (including GA), all Commodity and GA charges from all sources are aggregated and then the GA charges related to Non-RPP customers are deducted. The remaining amount is reclassified from Account 1589 to Account 1588.

The RPP eligibility for Residential and Small Business (General Service < 50 kW) customers is determined by performing annual customer reclassification based on annual consumption.

Starting in 2017, the calculation of the required December RPP / GA true-up commenced being booked once all volumes and prices were definitively known in the first quarter of the following year (prior to closing the fiscal year.) This removes the risk of estimation error for year-end accrual accounting purposes. This approach is consistent with the Board guidance contained in its letter dated May 23, 2017.

#### INTERNAL CONTROL PROCESS

On a monthly basis, the Accounting Clerk prepares the IESO settlement submissions and associated accounting, which is then reviewed and approved by the Manager of Finance.

Monthly GA reasonability procedures and analytics are performed by the Manager of Finance, including the analysis of billed versus actual GA rates at the calculated Non-RPP consumption in comparison to monthly DVA account activity. Any material differences are investigated and reviewed.

At month end, financial statements, including DVA balances are reviewed by the COO (the former CFO). On an annual basis, an external audit firm conducts an audit of the former St. Thomas Energy financial statements, which is inclusive of all DVA balances.

#### THE GLOBAL ADJUSTMENT SETTLEMENT PROCESS

On a monthly basis, each LDC must settle with the IESO for GA. GA is applicable to all provincial customers who pay the Hourly Ontario Energy Price ("HOEP") or have signed a retail contract.

The GA varies from month to month and is applicable to two customer classes:

#### CLASS A CUSTOMERS

Class A customers were originally defined as customers with a peak demand of 5 MW or more. However, on July 1, 2015 Class A eligibility was expanded under the Industrial Conservation Initiative ("ICI") to allow customers with a peak demand greater than 3 MW, but less than or equal to 5 MW, to opt into this category. Conversely, customers with a peak demand of 5 MW or more may opt into Class B. On July 1, 2017, consistent with the Fair Hydro Plan, the eligible peak demand for the ICI was reduced from 3MW to 1MW (and for smaller manufacturers and greenhouses with a peak demand between 500 kW and 1 MW).

The GA for Class A customers is based on their percentage contribution to the top five peak Ontario demand hours. Hence, the ICI is designed to encourage these users to shift their energy use away from system-wide peaks. The IESO monthly GA Class A charges are passed on directly to each Class A



customer. Accordingly, Class A customers do not contribute to the creation of Account 1589 variances and are excluded from disposition calculation.

Prior to July 1, 2017, St. Thomas did not have any customers eligible for Class A. In 2017, driven by the Fair Hydro Plan change to the ICI threshold, St. Thomas added 6 Class A customers effective July 1, 2017. In July 2018, Entegrus – St. Thomas added an additional 2 customers for a total of 8 Class A customers.

The St. Thomas peak demand factor for July 1, 2017 to June 30, 2018 was 0.00028578 and for July 1, 2018 to June 30, 2019 was 0.00032157.

#### CLASS B CUSTOMERS

Class B customers include: (a) customers with a peak demand below 1MW (or who have opted into this category) and (b) residential and business customers who have a retail contract for electricity.

For Class B customers, the IESO provides three variations of GA (1<sup>st</sup> Estimate, 2<sup>nd</sup> Estimate and Actual) which can be used by distributors to bill customers.

Until June 30, 2016, all Class B customers were billed using the 1<sup>st</sup> Estimate Variation, including Residential, GS < 50kW, GS > 50kW-4,999 kW, Sentinel Light and Street Light customers.

From July 1, 2016 to April 30, 2018, GS>50kW-4,999kW interval metered customers were billed at Actual GA rates.

#### FEED-IN-TARIFF PROGRAM SETTLEMENT AMOUNT

General ledger accounts are maintained to track the amount credited to FIT or microFIT customers at the applicable contract price during the month, as well as a separate account that tracks the value of the electricity commodity which has flowed into the distribution system from FIT and microFIT generators (found by multiplying the corresponding kWh generated by HOEP for the applicable billing period).

Settlement with the IESO is based on the difference between the credits issued to customers and the value of the electricity commodity which has been generated and sold into the St. Thomas distribution system.



### ONTARIO ELECTRICITY SUPPORT PROGRAM ("OESP")

The value of OESP credits applied to qualified low-income customer accounts is determined based on the corresponding general ledger activity during the month. This general ledger activity is generated from the CIS system, based on stat codes which are mapped to the appropriate general ledger accounts for each OESP Class or tariff code, as well as adjustments. The IESO settles for the OESP credits issued under IESO charge type 1420.

#### GLOBAL ADJUSTMENT MODIFIER

The value of the GA Modifier to qualified accounts is determined from the corresponding general ledger activity during the month. This general ledger activity is generated from the CIS system, based on stat codes which are mapped to the GA Modifier general ledger account, and which is reconciled on a quarterly basis. The IESO settles for the GA Modifier credits issued under IESO charge type 1143.

#### ONTARIO REBATE FOR ELECTRICITY CONSUMERS

The value of the Ontario Rebate for Electricity Consumers ("OREC") to qualified accounts is determined from the corresponding general ledger activity during the month. This general ledger activity is generated from the CIS system, based on stat codes which are mapped to the OREC general ledger, and which is reconciled on a quarterly basis. The IESO settles for the OREC amounts issued under IESO charge type 9982.



### **ATTACHMENT M**

Entegrus-St. Thomas GA Analysis
Workform & Appendix, Version 1.9



Version 1.9

#### Account 1589 Global Adjustment (GA) Analysis Workform

Input cells	
Drop down cells	
·	
Utility Name	ENTEGRUS POWERLINES INC.
Please select "Yes" in column D for any year being	

requested for disposition

2014	No
2015	Yes
2016	Yes
2017	Yes
2018	Yes

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

				Adjusted Net Change in			Unresolved Difference as %
Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconcilina Items	Principal Balance in the		\$ Consumption at	
2015	\$ 238,646		\$ (1,803,454)			\$ 10,559,261	0.0%
2016	\$ (86,541)	\$ 482,073	\$ (568,614)	\$ (86,541)	\$ 0	\$ 9,820,060	0.0%
2017	\$ 76,225			\$ 76,225	\$ 0	\$ 5,712,775	0.0%
2018	\$ (125,953)	\$ (1,050,676)	\$ 872,588	\$ (178,088)	\$ (52,135)	\$ 6,394,313	-0.8%
Cumulative Balance	\$ 102,376	\$ (191,247)	\$ 241,488	\$ 50,242	\$ (52,135)	\$ 32,486,408	N/A

#### Ontario Energy Board

### **GA Analysis Workform**

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

Year		2015		
Total Metered excluding WMP	C = A+B	266,419,362	kWh	100%
RPP	A	137,736,430	kWh	51.7%
Non RPP	B = D+E	128,682,932	kWh	48.3%
Non-RPP Class A	D	-	kWh	0.0%
Non-RPP Class B*	E	128,682,932	kWh	48.3%

238,646

238,646

0.0%

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

#### Note 3 GA Billing Rate

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

Yes

#### Analysis of Expected GA Amount Year

Tear	2015								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	12,068,015	11,629,547	11,629,547	12,068,015	0.05549	\$ 669,654	0.05068	\$ 611,607	\$ (58,047)
February	10,415,571	11,629,547	11,629,547	10,415,571	0.06981	\$ 727,111	0.03961	\$ 412,561	\$ (314,550)
March	12,262,620	11,629,547	11,629,547	12,262,620	0.03604	\$ 441,945	0.06290	\$ 771,319	\$ 329,374
April	10,460,445	11,629,547	11,629,547	10,460,445	0.06705	\$ 701,373	0.09559	\$ 999,914	\$ 298,541
May	11,117,182	11,629,547	11,629,547	11,117,182	0.09416	\$ 1,046,794	0.09668	\$ 1,074,809	\$ 28,015
June	10,708,233	11,629,547	11,629,547	10,708,233	0.09228	\$ 988,156	0.09540	\$ 1,021,565	\$ 33,410
July	11,559,342	11,629,547	11,629,547	11,559,342	0.08888	\$ 1,027,394	0.07883	\$ 911,223	\$ (116,171)
August	11,749,726	11,629,547	11,629,547	11,749,726	0.08805	\$ 1,034,563	0.08010	\$ 941,153	\$ (93,410)
September	11,260,977	11,629,547	11,629,547	11,260,977	0.08270	\$ 931,283	0.06703	\$ 754,823	\$ (176,460)
October	11,059,100	11,629,547	11,629,547	11,059,100	0.06371	\$ 704,575	0.07544	\$ 834,298	\$ 129,723
November	10,633,566	11,629,547	11,629,547	10,633,566	0.07623	\$ 810,597	0.11320	\$ 1,203,720	\$ 393,123
December	9,251,779	11,629,547	13,171,436	10,793,668	0.11462	\$ 1,237,170	0.09471	\$ 1,022,268	\$ (214,902)
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	132,546,556	139,554,564	141,096,453	134,088,445		\$ 10,320,615		\$ 10,559,261	\$ 238,646

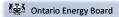
Calculated Loss Factor 1.0420

#### Note 5 Reconciling Items

	Amount				
Item	Amount	Explanation		Principal Adjustments	
No. Of the State of Bulletin State of the Towns of the State of the St			Principal Adjustment	If "no", please	\$ Principal
Net Change in Principal Balance in the GL (i.e. Transactions in the			on DVA Continuity	provide an	Adjustment on DVA
Year)	\$ 2,042,100		Schedule	explanation	Continuity Schedule
True-up of GA Charges based on Actual Non-RPP Volumes -					
1a prior year					
True-up of GA Charges based on Actual Non-RPP Volumes -					
1b current year					
2a Remove prior year end unbilled to actual revenue differences	\$ (1,518)	True up of 2014 unbilled estimated in 2015 general ledger.	No	ot previously adjusted for	or.
2b Add current year end unbilled to actual revenue differences					
Remove difference between prior year accrual/forecast to					
3a actual from long term load transfers	\$ 518	True up of 2014 LTLT settlement in 2015 general ledger.	No	ot previously adjusted for	or.
Add difference between current year accrual/forecast to					
3b actual from long term load transfers					
4 Remove GA balances pertaining to Class A customers					
Significant prior period billing adjustments recorded in current		O TO THE STATE OF			
5 year	\$ 20,955	Correction to customer bills that occurred in 2015 relating to prior years.	No	ot previously adjusted for	or.
Differences in GA IESO posted rate and rate charged on					
6 IESO invoice					
7 Differences in actual system losses and billed TLFs				Not a timing difference.	
Others as justified by distributor		Interperiod reclassifications to balance		s timing within disposition	
9 1588/1589 Reclassification Entry (2017)		A 2015 reclassification entry booked in 2017, re: Board Staff audit		s timing within disposition	
10 1588/1589 Reclassification Entry (2018)	\$ (235,372)	Relates to the reclassification of Streetlight revenue each year, booked in 2018.	No Adjustments on DVA C	s timing within disposition	

Total Principal Adjustments on DVA Continuity Schedule \$

Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per Analysis Unresolved Difference Unresolved Difference as % of Expected GA Payments to IESO



### **GA Analysis Workform**

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

Year		2016		
Total Metered excluding WMP	C = A+B	276,311,028	kWh	100%
RPP	A	147,262,245	kWh	53.3%
Non RPP	B = D+E	129,048,783	kWh	46.7%
Non-RPP Class A	D	-	kWh	0.0%
Non-RPP Class B*	E	129,048,783	kWh	46.7%

(86,541)

(86,541)

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

Note 3 GA Billing Rate

GA is billed on the 1st Estimate

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

Yes

Note 4 Analysis of Expected GA Amount
Year

2016

	2010		Add Current Month						
			Unbilled Loss	Non-RPP Class B					
	Non-RPP Class B Including	<b>Deduct Previous Month</b>	Adjusted	Including Loss Adjusted					
	Loss Factor Billed	Unbilled Loss Adjusted	Consumption	Consumption, Adjusted			GA Actual Rate Paid	\$ Consumption at	Expected GA
Calendar Month	Consumption (kWh)	Consumption (kWh)	(kWh)	for Unbilled (kWh)	(\$/kWh)	GA Rate Billed	(\$/kWh)	Actual Rate Paid	Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	11,441,800	13,171,436	13,171,436	11,441,800	0.08423		0.09179	\$ 1,050,243	\$ 86,500
February	10,413,224	13,171,436	13,171,436	10,413,224	0.10384	\$ 1,081,309	0.09851	\$ 1,025,807	\$ (55,502)
March	11,386,078	13,171,436	13,171,436	11,386,078	0.09022	\$ 1,027,252	0.10610	\$ 1,208,063	\$ 180,811
April	10,413,397	13,171,436	13,171,436	10,413,397	0.12115	\$ 1,261,583	0.11132	\$ 1,159,219	\$ (102,364)
May	10,825,701	13,171,436	13,171,436	10,825,701	0.10405	\$ 1,126,414	0.10749	\$ 1,163,655	\$ 37,240
June	11,095,368	13,171,436	13,171,436	11,095,368	0.11650	\$ 1,292,610	0.09545	\$ 1,059,053	\$ (233,557)
July	6,255,303	13,171,436	13,171,436	6,255,303	0.07667	\$ 479,594	0.08306	\$ 519,565	\$ 39,971
August	6,251,383	13,171,436	13,171,436	6,251,383	0.08569	\$ 535,681	0.07103	\$ 444,036	\$ (91,645)
September	5,524,194	13,171,436	13,171,436	5,524,194	0.07060	\$ 390,008	0.09531	\$ 526,511	\$ 136,503
October	5,414,920	13,171,436	13,171,436	5,414,920	0.09720	\$ 526,330	0.11226	\$ 607,879	\$ 81,549
November	5,037,773	13,171,436	13,171,436	5,037,773	0.12271	\$ 618,185	0.11109	\$ 559,646	\$ (58,539)
December	7,774,173	13,171,436	11,097,574	5,700,311	0.10594	\$ 603,891	0.08708	\$ 496,383	\$ (107,508)
Net Change in Expected GA Balance in the Year (i.e.								•	
Transactions in the Year)	101,833,315	158,057,232	155,983,370	99,759,453		\$ 9,906,601		\$ 9,820,060	\$ (86,541)

Calculated Loss Factor 0.7730

Note 5 Reconciling Items

Item	Amount	Explanation		Principal Adjustments	
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 482,073		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation	\$ Principal Adjustment on DVA Continuity Schedule
True-up of GA Charges based on Actual Non-RPP Volumes - 1a prior year					
True-up of GA Charges based on Actual Non-RPP Volumes - 1b current year					
2a Remove prior year end unbilled to actual revenue differences					
2b Add current year end unbilled to actual revenue differences					
Remove difference between prior year accrual/forecast to 3a actual from long term load transfers					
Add difference between current year accrual/forecast to 3b actual from long term load transfers					
4 Remove GA balances pertaining to Class A customers					
Significant prior period billing adjustments recorded in current 5 year					
Differences in GA IESO posted rate and rate charged on 6 IESO invoice					
7 Differences in actual system losses and billed TLFs		Difference between billed total loss factor and actual loss factor, allocated between RPP & Non-RPP		Not a timing difference.	
8 Others as justified by distributor	\$ (360,880)	Interperiod reclassifications to balance	No	s timing within disposition	on years.
9 1588/1589 Reclassification Entry (2017)					
10 1588/1589 Reclassification Entry (2018)	\$ (238,996)	Relates to the reclassification of Streetlight revenue each year, booked in 2018.	No	s timing within disposition	on years.

Total Principal Adjustments on DVA Continuity Schedule \$

Note 6 Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per Analysis SUnresolved Difference Unresolved Difference as % of Expected GA Payments to IESO

## Ontario Energy Board 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	1,151,070,069	kWh	100%
RPP	A	520,193,824	kWh	45.2%
Non RPP	B = D+E	630,876,246	kWh	54.8%
Non-RPP Class A	D	259,693,420	kWh	22.6%
Non-RPP Class R*	F	371 182 825	kWh	32.2%

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

The difference should be equal to the loss factor.

Please confirm that the above RRR data is accurate Incorrect Data

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

Yes

Note 4 Analysis of Expected GA Amount
Year

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	5,827,031	11,097,574	11,097,574	5,827,031	0.06687	\$ 389,654	0.08227	\$ 479,390	\$ 89,736
February	4,726,420	11,097,574	11,097,574	4,726,420	0.10559	\$ 499,063	0.08639	\$ 408,315	\$ (90,747)
March	6,045,334	11,097,574	11,097,574	6,045,334	0.08409	\$ 508,352	0.07135	\$ 431,335	\$ (77,018)
April	4,960,080	11,097,574	11,097,574	4,960,080	0.06874	\$ 340,956	0.10778	\$ 534,597	\$ 193,642
May	5,244,307	11,097,574	11,097,574	5,244,307	0.10623	\$ 557,103	0.12307	\$ 645,417	\$ 88,314
June	5,164,700	11,097,574	11,097,574	5,164,700	0.11954	\$ 617,388	0.11848	\$ 611,914	\$ (5,475)
July	4,811,416	11,097,574	11,097,574	4,811,416	0.10652	\$ 512,512	0.11280	\$ 542,728	\$ 30,216
August	4,468,520	11,097,574	11,097,574	4,468,520	0.11500	\$ 513,880	0.10109	\$ 451,723	\$ (62,157)
September	4,220,645	11,097,574	11,097,574	4,220,645	0.12739	\$ 537,668	0.08864	\$ 374,118	\$ (163,550)
October	4,097,400	11,097,574	11,097,574	4,097,400	0.10212	\$ 418,427	0.12563	\$ 514,756	\$ 96,330
November	3,738,870	11,097,574	11,097,574	3,738,870	0.11164	\$ 417,407	0.09704	\$ 362,820	\$ (54,588)
December	7,271,960	11,097,574	7,688,565	3,862,951	0.08391	\$ 324,140	0.09207	\$ 355,662	\$ 31,522
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	60,576,685	133,170,886	129,761,877	57,167,676		\$ 5,636,549		\$ 5,712,775	\$ 76,225

Calculated Loss Factor

0.1540

Note 5 Reconciling Items

Item	Amount	Explanation		Principal Adjustments	3
			Principal Adjustment	If "no", please	\$ Principal
Net Change in Principal Balance in the GL (i.e. Transactions in the			on DVA Continuity	provide an	Adjustment on DVA
Year)	\$ (1,664,743)		Schedule	explanation	Continuity Schedule
True-up of GA Charges based on Actual Non-RPP Volumes -					
1a prior year					
True-up of GA Charges based on Actual Non-RPP Volumes -					
1b current year					
2a Remove prior year end unbilled to actual revenue differences					
2b Add current year end unbilled to actual revenue differences					
Remove difference between prior year accrual/forecast to					
3a actual from long term load transfers					
Add difference between current year accrual/forecast to actual					
3b from long term load transfers					
4 Remove GA balances pertaining to Class A customers					
Significant prior period billing adjustments recorded in current					
5 year	\$ 209,408	Correction of single metering error configuration starting in March 2017, booked in 2018	No	is timing within disposition	on years.
Differences in GA IESO posted rate and rate charged on					
6 IESO invoice				Not a timing difference.	
7 Differences in actual system losses and billed TLFs	\$ 84,415	Difference between billied total loss factor and actual loss factor, allocated between RPP & Non-RPP	No	Not a timing difference.	
8 Others as justified by distributor		Interperiod reclassifications to balance		is timing within disposition	
9 1588/1589 Reclassification Entry (2017)		A 2015 reclassification entry booked in 2017, re: Board Staff audit		is timing within disposition	
10 1588/1589 Reclassification Entry (2018)	\$ (184,433)	Relates to the reclassification of Streetlight revenue each year, booked in 2018.		is timing within disposition	on years.
		Total Principal	Adjustments on DVA C	ontinuity Schedule	\$ -

 Note 6
 Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per Analysis
 \$ 76,225

 Unresolved Difference Unresolved Difference as % of Expected GA Payments to IESO
 \$ 0.0%

### Ontario Energy Board **GA Analysis Workform**

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

Year		2018		
Total Metered excluding WMP	C = A+B	287,894,039	kWh	100%
RPP	A	160,542,226	kWh	55.8%
Non RPP	B = D+E	127,351,813	kWh	44.2%
Non-RPP Class A	D	48,964,919	kWh	17.0%
Non-RPP Class B*	F	78.386.894	kWh	27.2%

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

Please confirm that the above RRR data is accurate

Confirmed

Note 3 GA Billing Rate

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

#### Analysis of Expected GA Amount Year Note 4

	Non-RPP Class B Including Loss Factor Billed	Deduct Previous Month Unbilled Loss Adjusted	Add Current Month Unbilled Loss Adjusted	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted	GA Rate Billed		GA Actual Rate Paid	\$ Consumption at	Expected GA
Calendar Month	Consumption (kWh)	Consumption (kWh)	Consumption (kWh)	for Unbilled (kWh)	(\$/kWh)	GA Rate Billed	(\$/kWh)	Actual Rate Paid	Variance (\$)
	F	G	н	I = F-G+H	J	K = I*J	L	M = i*L	=M-K
January	3,980,749	7,688,565	7,688,565	3,980,749	0.08777	\$ 349,390	0.06736		
February	3,195,569	7,688,565	7,688,565	3,195,569	0.07333	\$ 234,331	0.08167	\$ 260,982	\$ 26,651
March	3,898,447	7,688,565	7,688,565	3,898,447	0.07877	\$ 307,081	0.09481	\$ 369,612	\$ 62,531
April	3,453,538	7,688,565	7,688,565	3,453,538	0.09810	\$ 338,792	0.09959	\$ 343,938	\$ 5,146
May	6,493,820	7,688,565	8,217,993	7,023,248	0.09392	\$ 659,623	0.10793	\$ 758,019	\$ 98,396
June	6,557,829	8,217,993	8,957,919	7,297,755	0.13336	\$ 973,229	0.11896	\$ 868,141	\$ (105,088)
July	7,326,643	8,957,919	8,682,271	7,050,995	0.08502	\$ 599,476	0.07737	\$ 545,535	\$ (53,940)
August	9,508,965	8,682,271	6,264,713	7,091,407	0.07790	\$ 552,421	0.07490	\$ 531,146	\$ (21,274)
September	6,798,327	6,264,713	6,096,351	6,629,965	0.08424	\$ 558,508	0.08584	\$ 569,116	\$ 10,608
October	6,208,203	6,096,351	6,277,728	6,389,580	0.08921	\$ 570,014	0.12059	\$ 770,519	\$ 200,505
November	6,853,300	6,277,728	5,906,172	6,481,744	0.12235	\$ 793,041	0.09855	\$ 638,776	\$ (154,266)
December	5,906,172	5,906,172	6,353,120	6,353,120	0.09198	\$ 584,360	0.07404	\$ 470,385	\$ (113,975)
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	70,181,562	88,845,972	87,510,527	68,846,117		\$ 6,520,266		\$ 6,394,313	\$ (125,953)

Calculated Loss Factor

0.8783

#### Note 5 Reconciling Items

	Item	Amount		- 1	1	B :		
item		n Amount explanation		Explanation		Principal Adjustments		
Net Cha	nge in Principal Balance in the GL (i.e. Transactions in the				Principal Adjustment on DVA Continuity	If "no", please provide an		ncipal ent on DVA
1401 0110	Year)	\$ (1,050	0,676)		Schedule	explanation		/ Schedule
	True-up of GA Charges based on Actual Non-RPP Volumes -							
1a	prior year							
	True-up of GA Charges based on Actual Non-RPP Volumes -							
1b	current year	\$ (24	4,817)		Yes		\$	(24,817)
_								
2a	Remove prior year end unbilled to actual revenue differences							
26	Add current year end unbilled to actual revenue differences							
20	Remove difference between prior year accrual/forecast to							
2-	actual from long term load transfers							
38	Add difference between current year accrual/forecast to actual							
26	from long term load transfers							
30	from long term load transfers							
4	Remove GA balances pertaining to Class A customers							
	Significant prior period billing adjustments recorded in current							
5	year	\$ (209		Correction of single metering error configuration starting in March 2017, booked in 2018	No	is timing within dispositi	on years.	
	Differences in GA IESO posted rate and rate charged on			Due to the correction of the single metering error, the customer was Class A for July 2018 and August 2018. The				
6	IESO invoice	\$ 42	2,491	IESO would not retroactively correct Entegrus' PDF factor. The correction was made prospectively in September	No	Not a timing difference		
7	Differences in actual system losses and billed TLFs	\$ 65	5,276	Difference between billied total loss factor and actual loss factor, allocated between RPP & Non-RPP	No	Not a timing difference		
8	Others as justified by distributor	\$ 340	0,245	Interperiod reclassifications to balance	No	s timing within dispositi	on years.	
9	1588/1589 Reclassification Entry (2017)							
10	1588/1589 Reclassification Entry (2018)	\$ 658	8,801	Relates to the reclassification of Streetlight revenue each year, booked in 2018.		s timing within dispositi	on years.	
				Total Principal	Adjustments on DVA C	ontinuity Schodule	¢	(24 017)

Adjusted Net Change in Principal Balance in the GL (178,088) Note 6 Net Change in Expected GA Balance in the Year Per Analysis Unresolved Difference (125,953) (52,135) Unresolved Difference as % of Expected GA Payments to IESO

5/5



#### GA ANALYSIS WORKFORM, APPENDIX A, QUESTIONNAIRE

1) Please see completed chart below.

Line No.	Description	Principal Adjustment	Was the amount a "Principal Adjustment" in previous year? (Y/N)
	Balance December 31, 2018	-\$494,640	
	Reversals of Pricinipal Adjustments - previous year		
1	Reversal of Cost of Power accrual from previous year	\$0	
2	Reversal of CT 1142 true-up from the previous year	\$0	
3	Unbilled to billed adjustment for previous year	\$0	
4	Reversal of RPP vs. Non-RPP allocation	\$0	
	Subtotal Reversals from Previous Year (A)	\$0	
5	Cost of power accrual for 2018 vs Actual IESO bill	-\$34,127	N
6	True up of CT1142 for 2018 consumption recorded in 2019	\$0	
7	Unbilled accrued vs billed for 2018 consumption	\$22,089	N
8	True up of RPP vs. Non-RPP allocation of CT148	\$0	
9	Other	\$0	
	Subtotal Principal Adjustments for 2018 consumption (B)	-\$12,038	
	Total Principal Adjustments shown for 2018 (A+B)	-\$12,038	
	Balance for Disposition - 1588	¢506.679	
	(should match Total Claim column on DVA Continuity)	-\$506,678	

2) The former St. Thomas Energy Inc. ("STEI") used option (c), another approach. Specifically, STEI recorded the above noted IESO charges to the appropriate cost of power expense accounts. Subsequently, monthly variance entries were booked that transferred the Global Adjustment cost on STEI's monthly IESO invoice reconciliations based on pro-rated RRP/non-RPP consumption. The GA revenue and expense accounts were then reconciled with the variance being booked to Account 1589. This is further described in Attachment L.

#### 3) Regarding CT 1142:

- a. Please see Entegrus IRM Application dated August 12, 2019, Attachment L, Section "Regulated Price Plan Settlement Amount".
- b. Please see Entegrus' IRM Application dated August 12, 2019, Attachment L, Section "Regulated Price Plan Settlement Amount".
- c. Entegrus-St. Thomas has trued up CT 1142 to the end of 2018.
- d. November & December 2018 were materially trued up in 2019. The adjustments were booked into the 2018 general ledger prior to the close of the financial statements.
- e. As described in 3(d) above, all 2018 related material true-ups were appropriately reflected in the year-end general ledger. Accordingly, only minimal adjustments were required in Entegrus-St. Thomas' DVA continuity Schedule.

#### 4) Regarding CT 148:

- a. Entegrus-St. Thomas initially recorded CT 148 in Account 1589. Upon reconciling the monthly RPP and Non-RPP consumption, Entegrus-St. Thomas transfed the appropriate GA amount related to RPP customers from Account 1589 to Account 1588.
- b. Entegrus-St. Thomas re-reconciled each month's data after all billing and retailer movement during the period is known. This is typically completed within 3 months following the month of consumption. Any required adjustments are made to the GL at that time.



- c. Entegrus-St. Thomas uses verified meter data to determine the non-RPP kWh volume that is multiplied with the Actual GA rate. The initial settlement submission and GL activity is based on the second GA rate which is trued-up to actual during the reconciliation process.
- d. Yes.
- e. December 2018 was trued up in 2019. The adjustments were booked into the 2018 general ledger prior to the close of the financial statements.
- f. No additional adjustments were required in Entegrus-St. Thomas' DVA Continuity Schedule for this item.
- 5) DVA Continuity Schedule Adjustments:
  - a. The former STEI has not disposed of its Account 1588 or Account 1589 balances since 2014. Accordingly, there are no reversing items.
  - b. Not applicable.
  - c. Not applicable.
  - d. Confirmed.



## **ATTACHMENT N**

Entegrus-St. Thomas Account 1595 Workform, Version 1.0

124	Ontario	Energy	Boar
-----	---------	--------	------

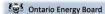
### 1595 Analysis Workform

Version 1.0

Input cells Drop down cells			
	Utility Name	Entegrus Powerlines IncFor Former St. Thomas Energy Rate Zone	Utility name must be select

Please select "yes" for the 1595 Rate Years being Requested for Disposition

2012 No 2013 No 2014 Yes 2015 Yes 2016 Yes 2017 No



### 1595 Analysis Workform

Step 1

Components of the 1595 Account Balances:		Principal Balance Approved for Disposition		Total Balances Approved for Disposition		Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)	
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment		-\$1,790,515		-\$1,852,545	-\$1,719,042	-\$133,503	\$5,700	-\$127,803	7.2%	
Account 1589 - Global Adjustment		\$1,451,745	\$57,893	\$1,509,638	\$1,191,524	\$318,114	\$10,001	\$328,116	21.1%	Calculated differences of greater than + or - 10% require further analysis
Total Group 1 and Group 2 Balances	· · ·	-\$338,770	-\$4,137	-\$342,907	-\$527,518		\$15,702	\$200,313		
						Total recidual balan	co per continuity echodule:	6200 242		

Difference (any variance should be explained):

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

Select Rate Rider(s) Applicable for 1595 Recovery Period by indicating "Yes" in column G Rate Rider- Group 1 DVA Accounts (Excluding Global Adjustment) Rate Rider - Group 1 DVA Accounts (Excluding Global Adjustment) - Non-WMP Rate Rider - RSVA - Group 2 Accounts (If a separate Group 2 rate rider was created) Other 1 Other 2

RATE RIDER - RSVA - GLOBAL ADJUSTMENT

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

Rate Class	Unit	Allocated Balance to Rate Class as Approved by OEB	Denominator Used in Rider Calculation as Approved by OEB (annualized)	Calculated Rate Rider as Approved by OEB	Projected Consumption over Recovery Period	Billed Consumption (kWh/kW) that the rider was applied against**	Forecasted versus billed Consumption Variance (kWh/kW)	Calculated Variance (\$)	Calculated Variance (%)
RESIDENTIAL SERVICE CLASSIFICATION	kWh	\$164,576	17,406,959	\$0.0095	17,406,959	13,285,646	4,121,313	\$39,152	23.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	\$83,739	8,856,890	\$0.0095	8,856,890	9,062,529	-205,639	(\$1,954)	-2.3%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	\$1,231,826	348,635	\$3.5333	348,635	269,001	79,634	\$281,370	22.8%
LARGE USE SERVICE CLASSIFICATION									
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION									
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	\$0	0		0	0	0		
STREET LIGHTING SERVICE CLASSIFICATION	kW	\$29,497	8,607	\$3.4271	8,607	8,687	-80	(\$275)	-0.9%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION									
STANDBY POWER SERVICE CLASSIFICATION									
microFIT SERVICE CLASSIFICATION									
TOTAL		\$1,509,638						\$318,294	21.1%

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

misallocations or errors in the data used in the workform.

SUMMARY	
Total Calculated Account Balance	\$318,294
Total Account Residual Balance per Step 1 above	\$184,611
Unreconciled Differences***	\$133,682

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

#### Additional Notes and Comments

Variance in Cell J240 relates to Group One rate rider disposition balance of \$133,503 and GA rounding differences of \$179.												
Valuation in Collection Collection and adjournal admines of \$100,000 and \$1.100 and \$1.1												



#### Sten 1

Components of the 1595 Account Balances:	ipal Balance d for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	-\$684,104	-\$55,061	-\$739,165	-\$715,973	-\$23,192	-\$3,107	-\$26,299	3.1%
Account 1589 - Global Adjustment	\$677,980	\$13,845	\$691,825	\$660,189	\$31,636	\$6,304	\$37,940	4.6%
Total Group 1 and Group 2 Balances	-\$6,124	-\$41,215	-\$47,339	-\$55,783	\$8,444	\$3,196 per continuity schedule:	\$11,640	-17.8%
					Difference (any varian	ce should be explained):	\$1	

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

Additional Notes and Comments		



#### Step 1

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition		Total Balances Approved for Disposition	Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	-\$545,910	-\$461,338	-\$1,007,248	-\$1,028,288	\$21,040	-\$5,310	\$15,731	-2.1%
Account 1589 - Global Adjustment	\$1,457,688	\$34,679	\$1,492,367	\$1,498,531	-\$6,164	\$8,636	\$2,472	-0.4%
Total Group 1 and Group 2 Balances	\$911,778	-\$426,659	\$485,119	\$470,242	\$14,877	\$3,326	\$18,203	3.1%
Total residual balance per continuity schedule:								
						on chould be evaluined):		

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

Additional Notes	s and Comments			



## **ATTACHMENT O**

Entegrus-St. Thomas Proposed Rates

Effective and Implementation Date January 1, 2020

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

EB-2019-0030

Effective and Implementation Date January 1, 2020

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

#### RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge	\$	27.04
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until December 31, 2020	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	(0.0036)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until December 31, 2020		
Applicable only for Class B Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0004
Standard Supply Service - Administrative Charge (if applicable)	**	
otalidate outply octation institutive offarge (ii applicable)	\$	0.25

Effective and Implementation Date January 1, 2020

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

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

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

#### **APPLICATION**

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

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

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

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

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

Capacity Based Recovery (CBR) - Applicable for Class B Customers

Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	24.81
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0169
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until December 31, 2020	\$/kWh	0.0004
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	(0.0042)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until December 31, 2020		
Applicable only for Class B Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030

\$/kWh

\$/kWh

0.0004

0.0005

Effective and Implementation Date January 1, 2020

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

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

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

#### **APPLICATION**

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

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

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

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

Service Charge	\$	77.28
Distribution Volumetric Rate	\$/kW	3.6997
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	0.0854
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020 Applicable only for Non-Wholesale Market Participants	\$/kW	(2.5412)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	(0.9850)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until December 31, 2020		
Applicable only for Class B Customers	\$/kW	0.0720
Retail Transmission Rate - Network Service Rate	\$/kW	2.9247
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5138
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2020

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

#### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for individual lighting on private property controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge (per connection)	\$	5.00
Distribution Volumetric Rate	\$/kW	6.0504
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	(0.0063)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until December 31, 2020		
Applicable only for Class B Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kW	1.8383
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5789
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2020

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

#### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge (per connection)	\$	3.82
Distribution Volumetric Rate	\$/kW	0.0373
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until December 31, 2020	\$/kW	0.0148
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	(3.5162)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until December 31, 2020		
Applicable only for Class B Customers	\$/kW	0.0727
Retail Transmission Rate - Network Service Rate	\$/kW	2.2552
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9383
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
cianda dappi, donno manimonario di applicabio)	Ŧ	0.20

Effective and Implementation Date January 1, 2020

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

#### microFIT SERVICE CLASSIFICATION

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

#### **APPLICATION**

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

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

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

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

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

Service Charge \$ 10.00

#### Effective and Implementation Date January 1, 2020

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

#### **ALLOWANCES**

**Customer Administration** 

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

#### SPECIFIC SERVICE CHARGES

#### **APPLICATION**

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

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

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

Arrears certificate	\$	15.00
Statement of account	\$	15.00
	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	•	15.00
Request for other billing information	\$	
Easement Letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00
Other		
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	44.15
Disconnect/Reconnect at customer's request - at meter during regular hours	\$	65.00

Effective and Implementation Date January 1, 2020

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

### RETAIL SERVICE CHARGES (if applicable)

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

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

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

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the 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	\$	101.20
Monthly Fixed Charge, per retailer	\$	40.48
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.01
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.01
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.05

#### **LOSS FACTORS**

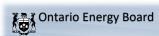
If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0393
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0289



## **ATTACHMENT P**

Entegrus-St. Thomas Bill Impacts



## Incentive Rate-setting Mechanism Rate Generator for 2020 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 2018 of \$0.1117/kWh (IESO's Monthly Market Report for May 2018, 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?	(e.g. # 01
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0393	1.0393	700		CONSUMPTION	devices/connections).
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0393	1.0393	2,000		CONSUMPTION	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0393	1.0393	43,800	100	DEMAND	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	RPP	1.0393	1.0393	150	1	CONSUMPTION	1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0393	1.0393	150	1	DEMAND	1
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Other)	1.0393	1.0393	700	_	CONSUMPTION	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0393	1.0393	323		CONSUMPTION	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0393	1.0393	323		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0393	1.0393	2,000		CONSUMPTION	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0393	1.0393	162,500	500	DEMAND	
Add additional scenarios if required			1.0393	1.0393				
Add additional scenarios if required			1.0393	1.0393				
Add additional scenarios if required			1.0393	1.0393				
Add additional scenarios if required			1.0393	1.0393				
Add additional scenarios if required			1.0393	1.0393				
Add additional scenarios if required			1.0393	1.0393				
Add additional scenarios if required			1.0393	1.0393				
Add additional scenarios if required			1.0393	1.0393				
Add additional scenarios if required			1.0393	1.0393				
Add additional scenarios if required			1.0393	1.0393				

#### Table 2

DATE OF ACCES / CATECORIES				Sub	o-Total				Total	
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Α			В			С	Total Bill	
(eg. Residential 100, Residential Retailer)		\$	%	\$	%		\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ (0.02)	-0.1%	\$ (2.40)	-8.0%	\$	(1.82)	-4.6%	\$ (1.91)	-1.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ (0.33)	-0.6%	\$ (8.33)	-12.5%	\$	(6.87)	-7.4%	\$ (7.22)	-2.6%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 8.72	2.0%	\$ (384.88)	-86.1%	\$	(356.22)	-37.0%	\$ (402.53)	-5.8%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kWh	\$ 0.11	1.0%	\$ 0.11	0.9%	\$	0.29	2.0%	\$ 0.32	1.0%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.04	0.9%	\$ (3.57)	-79.7%	\$	(3.35)	-39.6%	\$ (3.79)	-13.0%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	\$ (0.02)	-0.1%	\$ (3.17)	-10.3%	\$	(2.59)	-6.4%	\$ (2.92)	-2.1%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ (0.06)	-0.2%	\$ (1.16)	-4.0%	\$	(0.89)	-2.7%	\$ (0.93)	-1.4%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ (0.06)	-0.2%	\$ (1.51)	-5.2%	\$	(1.24)	-3.7%	\$ (1.40)	-1.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ (0.33)	-0.6%	\$ (10.53)	-15.3%	\$	(9.07)	-9.5%	\$ (10.25)	-2.8%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 40.40	2.1%	\$ (1,865.45)	-96.7%	\$	(1,722.15)	-38.2%	\$ (1,946.03)	-7.2%
						1				

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

700 kWh Consumption - kW 1.0393 1.0393 Demand Current Loss Factor Proposed/Approved Loss Factor

		Current O	EB-Approved	t				Proposed				lm	pact
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)		•	(\$)	_	(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	26.76		\$	26.76	\$	27.04	1		27.04	\$	0.28	1.05%
Distribution Volumetric Rate	\$	-	700		-	\$	-	700		-	\$	(0.07)	100.000/
Fixed Rate Riders	3	0.37	1	\$	0.37	\$		1	\$	-	\$	(0.37)	-100.00%
Volumetric Rate Riders	\$	0.0002	700		0.14	\$	0.0003	700			\$	0.07	50.00%
Sub-Total A (excluding pass through)				\$	27.27				\$	27.25		(0.02)	-0.07%
Line Losses on Cost of Power	\$	0.0824	28	\$	2.27	\$	0.0824	28	\$	2.27	\$	-	0.00%
Total Deferral/Variance Account Rate	\$	_	700	\$	_	-\$	0.0036	700	\$	(2.52)	\$	(2.52)	
Riders	I.								•				
CBR Class B Rate Riders	\$	-	700		-	\$	0.0002	700	\$	0.14	\$	0.14	
GA Rate Riders	\$	-	700	\$	-	\$	-	700	\$	-	\$	-	
Low Voltage Service Charge	\$	-	700	\$	-			700	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	_	0.00%
	*	0.0.		Ψ.	0.01	*	0.0.	•	*	0.01	Ψ.		0.0070
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			700	\$	-	\$	-	700	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	30.11				\$	27.71	\$	(2.40)	-7.97%
Total A)				,					Ŧ		*	, ,	
RTSR - Network	\$	0.0067	728	\$	4.87	\$	0.0073	728	\$	5.31	\$	0.44	8.96%
RTSR - Connection and/or Line and	s	0.0065	728	\$	4.73	\$	0.0067	728	\$	4.87	\$	0.15	3.08%
Transformation Connection	Ψ	0.0003	720	Ψ	4.73	Ψ	0.0007	720	Ψ	4.07	÷	0.15	3.0070
Sub-Total C - Delivery (including Sub-				\$	39.71				\$	37.89	s	(1.82)	-4.58%
Total B)				4	33.71				Ψ	37.03	9	(1.02)	-4.50 /6
Wholesale Market Service Charge	s	0.0034	728	\$	2.47	\$	0.0034	728	\$	2.47	\$		0.00%
(WMSC)	Ψ	0.0034	720	Ψ	2.47	Ψ	0.0054	720	Ψ	2.41	Ψ	_	0.0070
Rural and Remote Rate Protection	¢	0.0005	728	¢	0.36	\$	0.0005	728	¢	0.36	\$	_	0.00%
(RRRP)	Ψ	0.0003	720	Ψ		Ψ	0.0003	720	Ψ		Ψ	_	
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$		\$	-	0.00%
TOU - Off Peak	\$	0.0650	455	\$	29.58	\$	0.0650	455	\$		\$	-	0.00%
TOU - Mid Peak	\$	0.0940	119	\$	11.19	\$	0.0940	119	\$	11.19	\$	-	0.00%
TOU - On Peak	\$	0.1340	126	\$	16.88	\$	0.1340	126	\$	16.88	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	100.44				\$	98.62	\$	(1.82)	-1.81%
HST	1	13%	l	\$	13.06	1	13%		\$	12.82	\$	(0.24)	-1.81%
8% Rebate		8%		\$	(8.04)		8%		\$	(7.89)	\$	0.15	
Total Bill on TOU				\$	105.46				\$	. ,	\$	(1.91)	-1.81%
											_	, , , , ,	, , , ,

Customer Class: GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

RPP / Non-RPP: RPP

Consumption 2,000 kWh
Demand - kW

Current Loss Factor 1.0393
Proposed/Approved Loss Factor 1.0393

Current OEB-Approved Proposed Impact Rate Volume Charge Rate Volume Charge \$ Change % Change (\$) (\$) (\$) 24.55 Monthly Service Charge 24.55 24.81 24.81 0.26 1.06% 0.0167 2000 \$ Distribution Volumetric Rate 33.40 0.0169 2000 33.80 0.40 1.20% Fixed Rate Riders 0.79 0.79 (0.79)-100.00% 0.0005 2000 \$ 1.00 0.0004 2000 0.80 -20.00% Volumetric Rate Riders (0.20)Sub-Total A (excluding pass through) 59.74 59.41 \$ (0.33)-0.55% Line Losses on Cost of Power 0.0824 6.47 0.0824 6.47 Total Deferral/Variance Account Rate 2,000 \$ 0.0042 2,000 (8.40)(8.40)Riders CBR Class B Rate Riders 2,000 0.0002 2,000 0.40 0.40 2,000 \$ GA Rate Riders 2,000 2,000 2,000 \$ Low Voltage Service Charge \$ -Smart Meter Entity Charge (if applicable) \$ 0.57 0.57 0.57 0.57 \$ 0.00% \$ \$ Additional Fixed Rate Riders Additional Volumetric Rate Riders 2,000 2,000 Sub-Total B - Distribution (includes Sub-66.78 58.45 (8.33) -12.47% \$ \$ Total A) RTSR - Network 0.0067 2,079 13.93 0.0073 2,079 15.17 1.25 RTSR - Connection and/or Line and \$ 0.0060 2,079 \$ 12.47 0.0061 2,079 12.68 0.21 1.67% Transformation Connection Sub-Total C - Delivery (including Sub-\$ 93.18 86.31 (6.87) -7.38% Total B) Wholesale Market Service Charge 0.0034 2,079 \$ 7.07 0.0034 2,079 7.07 0.00% (WMSC) Rural and Remote Rate Protection 0.0005 2,079 \$ 1.04 \$ 0.0005 2,079 1.04 \$ 0.00% (RRRP) 0.25 0.25 \$ 0.25 0.25 \$ 0.00% Standard Supply Service Charge 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% 0.1340 TOU - On Peak 0.1340 360 48.24 360 48.24 0.00% 266.24 -2.58% Total Bill on TOU (before Taxes) 259.36 \$ (6.87 13% 33.72 HST 13% 34.61 (0.89)-2.58% 8% Rebate (21.30)(20.75)0.55 8% 8% Total Bill on TOU 279.55 (7.22)272.33 -2.58%

Customer Class:

RPP / Non-RPP:

Consumption

43,800 kWh

100 kW 1.0393 1.0393 Demand

Current Loss Fact	or 1.0
Proposed/Approved Loss Fact	or 1.0

		Current Ol	EB-Approved	d				Proposed			lm	pact
		ate	Volume		Charge		Rate	Volume	Charge			
	(	\$)			(\$)		(\$)		(\$)		\$ Change	% Change
Monthly Service Charge	\$	76.48	1	\$	76.48	\$	77.28		\$ 77.28		0.80	1.05%
Distribution Volumetric Rate	\$	3.6613	100	\$	366.13	\$	3.6997	100	\$ 369.97	\$	3.84	1.05%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$ -	\$	-	
Volumetric Rate Riders	\$	0.0446	100	\$	4.46	\$	0.0854	100	\$ 8.54		4.08	91.48%
Sub-Total A (excluding pass through)				\$	447.07				\$ 455.79	\$	8.72	1.95%
Line Losses on Cost of Power	\$	-	-	\$	-	\$	-	-	\$ -	\$	-	
Total Deferral/Variance Account Rate	•	_	100	\$		-\$	3.5262	100	\$ (352.62	2) \$	(352.62)	
Riders	1			Ψ		l .			· ·	1	, ,	
CBR Class B Rate Riders	\$	-	100	\$	-	\$	0.0720	100	\$ 7.20		7.20	
GA Rate Riders	\$	-	43,800	\$	-	-\$	0.0011	43,800	\$ (48.18	3) \$	(48.18)	
Low Voltage Service Charge	\$	-	100	\$	-			100	\$ -	\$	-	
Smart Meter Entity Charge (if applicable)	e	_	1	æ	_	•	_	1	e .	•	_	
	1			Ψ		Ψ.			•	lΨ		
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$ -	\$	-	
Additional Volumetric Rate Riders			100	\$	-	\$	-	100	\$ -	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	447.07				\$ 62.19	) s	(384.88)	-86.09%
Total A)				_					*		` ′	
RTSR - Network	\$	2.6959	100	\$	269.59	\$	2.9247	100	\$ 292.47	\$	22.88	8.49%
RTSR - Connection and/or Line and	\$	2,4560	100	\$	245.60	\$	2.5138	100	\$ 251.38	\$ \$	5.78	2.35%
Transformation Connection	*	2	100		2 10:00	Ť	2.0.00		<b>V</b> 201100	Ť	0.70	2.0070
Sub-Total C - Delivery (including Sub-				\$	962.26				\$ 606.04	ιk	(356.22)	-37.02%
Total B)				*	302.20				Ψ 000.0-		(000.22)	07.0270
Wholesale Market Service Charge	•	0.0034	45,521	\$	154.77	\$	0.0034	45,521	\$ 154.77	· s		0.00%
(WMSC)	1	0.0004	40,021	Ψ	104.77	Ψ.	0.0004	40,021	ų 104.77	lΨ		0.0070
Rural and Remote Rate Protection	•	0.0005	45.521	\$	22.76	\$	0.0005	45,521	\$ 22.76	\$		0.00%
(RRRP)	1		40,021	Ψ		Ψ.		40,021	*	1		
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$ 0.25		-	0.00%
Average IESO Wholesale Market Price	\$	0.1101	45,521	\$	5,011.90	\$	0.1101	45,521	\$ 5,011.90	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Price		·		\$	6,151.94				\$ 5,795.72		(356.22)	-5.79%
HST		13%		\$	799.75		13%		\$ 753.44	\$	(46.31)	-5.79%
Total Bill on Average IESO Wholesale Market Price				\$	6,951.70				\$ 6,549.17	\$	(402.53)	-5.79%

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

Rate			Current O	EB-Approved	d				Proposed				lm	pact
Monthly Service Charge   \$   4.95   1   \$   4.95   5   5.00   1   \$   5.00   \$   0.05   1.01%   Distribution Volumetric Rate   \$   5.9875   1   \$   5.99   \$   6.0504   1   \$   6.05   \$   5.00   \$   1.05%   Fixed Rate Riders   \$   - 1   \$   - 5   - 1   \$   - 5   - 1   \$   - 5   - 1   Sub-Total A (excluding nass through)			Rate	Volume		Charge		Rate	Volume		Charge			
Distribution Volumetric Rate   \$   5.9875   1   \$   5.99   \$   6.0504   1   \$   6.05   \$   0.06   1.05%   Fixed Rate Riders   \$   1   \$   \$   \$   \$   \$   \$   \$   \$			(\$)			(\$)		(\$)			(\$)	\$	Change	% Change
Fixed Rate Riders   \$	Monthly Service Charge	\$	4.95	1	\$	4.95	\$	5.00	1	\$	5.00	\$	0.05	1.01%
Sub-Total A Contract   Sub-Total B Contract	Distribution Volumetric Rate	\$	5.9875	1	\$	5.99	\$	6.0504	1	\$	6.05	\$	0.06	1.05%
Sub-Total A (excluding pass through)	Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Sub-Total A (excluding pass through)	Volumetric Rate Riders	\$	-	1	\$	-	\$	-	1	\$	_	\$	-	
Line Losses on Cost of Power   \$ 0.0824   6   \$ 0.49   \$ 0.0824   6   \$ 0.49   \$ 0.00%					\$	10.94				\$	11.05	\$	0.11	1.03%
Riders   S		\$	0.0824	6	\$	0.49	\$	0.0824	6	\$	0.49	\$	-	0.00%
Common	Total Deferral/Variance Account Rate				_							_	(= = 1)	
SA Rate Riders   Sample	Riders	\$	-	1	\$	-	-\$	0.0063	1	\$	(0.01)	\$	(0.01)	
GA Rate Riders Low Voltage Service Charge \$ - 150 \$ - \$ - 150 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	CBR Class B Rate Riders	\$	-	1 1	\$	-	\$	0.0002	1	\$	0.00	\$	0.00	
Low Voltage Service Charge   \$	GA Rate Riders	\$	-	150	\$	-	\$	-	150	\$	_	\$	-	
Additional Fixed Rate Riders \$ - 1   \$ - \$ - 1   \$ - \$ - \$ - 1   \$ - \$ 5 - \$ - \$   \$ Additional Volumetric Rate Riders   1   \$ - \$ 5 - \$ - \$   \$	Low Voltage Service Charge	\$	-	1	\$	-			1	\$	-	\$	-	
Additional Fixed Rate Riders \$ - 1   \$ - \$ - 1   \$ - \$ - \$ - 1   \$ - \$ 5 - \$ - \$   \$ Additional Volumetric Rate Riders   1   \$ - \$ 5 - \$ - \$   \$		, ·												
Additional Volumetric Rate Riders   1   \$ - \$ - 1   \$ - \$ - \$ - \$   \$   \$   \$   \$   \$   \$	3, 4, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders   1   \$ - \$ - 1   \$ - \$ - \$ - \$   \$   \$   \$   \$   \$   \$	Additional Fixed Rate Riders	\$	-	1	\$	_	\$	_	1	\$	_	\$	-	
Sub-Total B - Distribution (includes Sub-Total A)   \$ 11.52 \$ 0.11   0.93%		T T		1 1		_	\$	_	1		_	\$	-	
Total A    RTSR - Network   \$   1.6944   1   \$   1.69   \$   1.8383   1   \$   1.84   \$   0.14   8.49%     RTSR - Connection and/or Line and   \$   1.5427   1   \$   1.54   \$   1.5789   1   \$   1.58   \$   0.04   2.35%     Sub-Total C - Delivery (including Sub-Total B)   \$   1.69   \$   1.8383   1   \$   1.58   \$   0.04   2.35%     Sub-Total C - Delivery (including Sub-Total B)   \$   1.69   \$   1.546   \$   1.5789   1   \$   1.58   \$   0.04   2.35%     Sub-Total C - Delivery (including Sub-Total B)   \$   1.69   \$   1.69   \$   1.69   \$   1.8383   1   \$   1.58   \$   0.04   2.35%     Sub-Total C - Delivery (including Sub-Total B)   \$   1.69   \$   1.69   \$   1.69   \$   1.5789   1   \$   1.58   \$   0.04   2.35%     Wholesale Market Service Charge   \$   0.0034   156   \$   0.034   156   \$   0.53   \$   -   0.00%     RUMAGO    \$   0.0005   156   \$   0.0034   156   \$   0.0034   156   \$   0.053   \$   -   0.00%     RURal and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAl and Remote Rate Protection   \$   0.25   1   \$   0.25   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.00%     RURAL and Remote Rate Protection   \$   0.005   156   \$   0.08   \$   -   0.						44.40	Ė				44.50	•	0.44	0.000/
RTSR - Network RTSR - Connection and/or Line and Transformation Connection \$ 1.5427 1 \$ 1.69 \$ 1.8383 1 \$ 1.84 \$ 0.14 8.49% RTSR - Connection and/or Line and Transformation Connection \$ 1.5427 1 \$ 1.54 \$ 1.5789 1 \$ 1.58 \$ 0.04 2.35% Indicated the second of the second					\$	11.42				\$	11.53	\$	0.11	0.93%
Transformation Connection   \$   1.5427   1   \$   1.54   \$   1.5789   1   \$   1.58   \$   0.04   2.35%		\$	1.6944	1	\$	1.69	\$	1.8383	1	\$	1.84	\$	0.14	8.49%
Sub-Total B)   Sub-Total B    Sub-	RTSR - Connection and/or Line and		4.5407	_		4.54		4 5700			4.50		0.04	0.050/
Total B)	Transformation Connection	Þ	1.5427	1	Ф	1.54	Ф	1.5789	1	Þ	1.58	Э	0.04	2.35%
Total B)	Sub-Total C - Delivery (including Sub-				•	44.00					44.05	•	0.00	4.000/
(WMSC)         \$         0.0034         156         \$         0.03         \$         0.004         156         \$         0.003         156         \$         0.004         156         \$         0.004         156         \$         0.005         156         \$         0.005         156         \$         0.008         \$         -         0.00%           Kandard Supply Service Charge         \$         0.25         1         \$         0.25         1         \$         0.25         1         \$         0.25         1         \$         0.05         \$         -         0.00%           TOU - Off Peak         \$         0.0650         98         \$         6.34         \$         -         0.00%           TOU - Mid Peak         \$         0.0940         26         \$         2.40         \$         -         0.00%           TOU - On Peak         \$         0.1340         27         \$         3.62         \$         1.034         \$         -         0.00%           Total Bill on TOU (before Taxes)         \$         27.87         \$         3.62         \$         0.04         1.03%           HST         13%         \$         3.62 <td></td> <td></td> <td></td> <td></td> <td>Þ</td> <td>14.00</td> <td></td> <td></td> <td></td> <td>Þ</td> <td>14.95</td> <td>Þ</td> <td>0.29</td> <td>1.96%</td>					Þ	14.00				Þ	14.95	Þ	0.29	1.96%
(WMSC) Rural and Remote Rate Protection (RRRP) \$ 0.0005 156 \$ 0.08 \$ 0.0005 156 \$ 0.08 \$ - 0.00% (RRRP) 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 \$ 0.1340 27 \$ 3.62 \$ 0.1340 27 \$ 3.62 \$ - 0.00%  Total Bill on TOU (before Taxes) HST \$ 13% \$ 3.62 13% \$ 3.66 \$ 0.04 1.03%	Wholesale Market Service Charge	•	0.0004	450	æ	0.50	•	0.0004	450	•	0.50	+		0.000/
(RRRP)         \$         0.0005         156         \$         0.08         \$         0.0005         156         \$         0.0005         156         \$         0.0005         156         \$         0.0005         156         \$         0.0005         156         \$         0.0005         \$         0.0005         \$         0.0005         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         \$         0.0005         \$         0.0005         \$         \$         0.0005         \$         0.0005         \$         0.0005         \$         0.0005         \$         0.0005         \$         0.0005         \$         0.0005         \$         0.0005         \$ <td>(WMSC)</td> <td>Þ</td> <td>0.0034</td> <td>156</td> <td>Þ</td> <td>0.53</td> <td>Ф</td> <td>0.0034</td> <td>130</td> <td>Þ</td> <td>0.53</td> <td>Ф</td> <td>-</td> <td>0.00%</td>	(WMSC)	Þ	0.0034	156	Þ	0.53	Ф	0.0034	130	Þ	0.53	Ф	-	0.00%
(RRRP) 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 \$ 0.1340 27 \$ 3.62 \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - On Peak \$ 3.62 \$ 3.62 \$ 0.1340 27 \$ 3.62 \$ - 0.00%  Total Bill on TOU (before Taxes) HST 13% \$ 3.62 13% \$ 3.66 \$ 0.04 1.03%	Rural and Remote Rate Protection	•	0.0005	156	e.	0.00		0.0005	456		0.00	•		0.000/
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 \$ 0.1340 27 \$ 3.62 \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - On Peak \$ 0.1340 27 \$ 3.62 \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - On Peak \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - ON Peak \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - ON Peak \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - ON Peak \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - ON Peak \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - ON Peak \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - ON Peak \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - ON Peak \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - ON Peak \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - ON Peak \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - ON Peak \$ 0.1340 27 \$ 3.62 \$ - 0.00% TOU - ON Peak \$ 0.00% TOU - ON Peak \$ 0.00% TOU - ON Peak \$ 0.00% TOU - ON P	(RRRP)	Þ	0.0005	156	Þ	0.06	Ф	0.0005	130	Þ	0.06	Ф	-	0.00%
TOU - Mid Peak \$ 0.0940 26 \$ 2.40 \$ 0.0940 26 \$ 2.40 \$ - 0.00% TOU - On Peak \$ 0.1340 27 \$ 3.62 \$ 0.1340 27 \$ 3.62 \$ - 0.00%	Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
TOU - On Peak \$ 0.1340 27 \$ 3.62 \$ 0.1340 27 \$ 3.62 \$ - 0.00%	TOU - Off Peak	\$	0.0650	98	\$	6.34	\$	0.0650	98	\$	6.34	\$	-	0.00%
Total Bill on TOU (before Taxes) \$ 27.87 \$ 28.16 \$ 0.29 1.03% HST \$ 3.62 13% \$ 3.62 \$ 13% \$ 3.66 \$ 0.04 1.03%	TOU - Mid Peak	\$	0.0940	26	\$	2.40	\$	0.0940	26	\$	2.40	\$	-	0.00%
HST 13% \$ 3.62 13% \$ 3.66 \$ 0.04 1.03%	TOU - On Peak	\$	0.1340	27	\$	3.62	\$	0.1340	27	\$	3.62	\$	-	0.00%
HST 13% \$ 3.62 13% \$ 3.66 \$ 0.04 1.03%														
HST 13% \$ 3.62 13% \$ 3.66 \$ 0.04 1.03%	Total Bill on TOU (before Taxes)				\$	27.87				\$	28.16	\$	0.29	1.03%
			13%		\$	3.62		13%		\$	3.66	\$	0.04	1.03%
	Total Bill on TOU				\$	31.49				\$	31.82	\$	0.32	1.03%
		•												

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

Proposed/Approved Loss Factor

Demand 1 kW 1.0393 Current Loss Factor

	Current O	EB-Approved	i		Proposed		In	npact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 3.78	1	\$ 3.78	\$ 3.82	1	\$ 3.82		1.06%
Distribution Volumetric Rate	\$ 0.0369	1	\$ 0.04	\$ 0.0373	1	\$ 0.04	\$ 0.00	1.08%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0193	1	\$ 0.02	\$ 0.0148	1	\$ 0.01	\$ (0.00)	-23.32%
Sub-Total A (excluding pass through)			\$ 3.84				\$ 0.04	0.94%
Line Losses on Cost of Power	\$ 0.1101	6	\$ 0.65	\$ 0.1101	6	\$ 0.65	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	1	\$ -	-\$ 3.5162	1	\$ (3.52)	\$ (3.52)	
Riders	I.	1		•	-			
CBR Class B Rate Riders	-	1	\$ -	\$ 0.0727	1	\$ 0.07		
GA Rate Riders	-	150	\$ -	-\$ 0.0011	150	\$ (0.17)	\$ (0.17)	
Low Voltage Service Charge	\$ -	1	\$ -		1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
			,				_	
Additional Fixed Rate Riders	-	1	-	\$ -	1	\$ -	\$ - \$ -	
Additional Volumetric Rate Riders		1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 4.49			\$ 0.91	\$ (3.57)	-79.65%
Total A) RTSR - Network	\$ 2.0788	1	\$ 2.08	\$ 2.2552	1	\$ 2.26	\$ 0.18	0.400/
RTSR - Network RTSR - Connection and/or Line and	\$ 2.0788	1	\$ 2.08	\$ 2.2552	1	\$ 2.26	\$ 0.18	8.49% <i>li</i>
	\$ 1.8937	1	\$ 1.89	\$ 1.9383	1	\$ 1.94	\$ 0.04	2.36%
Transformation Connection								
Sub-Total C - Delivery (including Sub- Total B)			\$ 8.46			\$ 5.11	\$ (3.35)	-39.63%
Wholesale Market Service Charge								
(WMSC)	\$ 0.0034	156	\$ 0.53	\$ 0.0034	156	\$ 0.53	\$ -	0.00%
Rural and Remote Rate Protection								
(RRRP)	\$ 0.0005	156	\$ 0.08	\$ 0.0005	156	\$ 0.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	s -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	150	\$ 16.52	\$ 0.1101	150	\$ 16.52		0.00%
Average 1230 Wholesale Market Frice	0.1101	130	ψ 10.52	ψ 0.1101	130	ψ 10.5 <u>2</u>		0.0070
Total Bill on Average IESO Wholesale Market Price			\$ 25.83			\$ 22.48	\$ (3.35)	-12.98%
HST	13%		\$ 23.63	13%		\$ 22.46		-12.98%
Total Bill on Average IESO Wholesale Market Price	1376		\$ 29.19	13/0		\$ 25.40		-12.98%
Total Bill of Average iLGO Wildlesale Market Frice			ψ 25.15			ψ 23.40	y (3.79)	-12.90 /6

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION
RPP / Non-RPP: Non-RPP (Other)
Consumption 700 kWh

 Consumption
 700 kWh

 Demand

 Current Loss Factor
 1.0393

 Proposed/Approved Loss Factor
 1.0393

	Current (	EB-Approve	t		Proposed	I	In	npact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 26.76		\$ 26.76	\$ 27.04		\$ 27.04	\$ 0.28	1.05%
Distribution Volumetric Rate	\$ -	700		\$ -	700	\$ -	\$ -	
Fixed Rate Riders	\$ 0.37	1	\$ 0.37	\$ -	1	\$ -	\$ (0.37)	-100.00%
Volumetric Rate Riders	\$ 0.0002	700		\$ 0.0003	700		\$ 0.07	50.00%
Sub-Total A (excluding pass through)			\$ 27.27			\$ 27.25	\$ (0.02)	-0.07%
Line Losses on Cost of Power	\$ 0.1101	28	\$ 3.03	\$ 0.1101	28	\$ 3.03	\$ -	0.00%
Total Deferral/Variance Account Rate	s -	700	\$ -	-\$ 0.0036	700	\$ (2.52)	\$ (2.52)	
Riders	I.		Ĭ.	,		,	. ,	
CBR Class B Rate Riders	-	700	\$ -	\$ 0.0002	700			
GA Rate Riders	-	700	\$ -	-\$ 0.0011	700	\$ (0.77)		
Low Voltage Service Charge	-	700	\$ -		700	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
	1.					,	Ĭ.	
Additional Fixed Rate Riders	-	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		700	\$ -	\$ -	700	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 30.87			\$ 27.70	\$ (3.17)	-10.27%
Total A)							, ,	
RTSR - Network	\$ 0.0067	728	\$ 4.87	\$ 0.0073	728	\$ 5.31	\$ 0.44	8.96%
RTSR - Connection and/or Line and	\$ 0.0065	728	\$ 4.73	\$ 0.0067	728	\$ 4.87	\$ 0.15	3.08%
Transformation Connection	,			,				
Sub-Total C - Delivery (including Sub-			\$ 40.47			\$ 37.88	\$ (2.59)	-6.39%
Total B)			*				, , ,	
Wholesale Market Service Charge	\$ 0.0034	728	\$ 2.47	\$ 0.0034	728	\$ 2.47	s -	0.00%
(WMSC)			*			•	·	
Rural and Remote Rate Protection	\$ 0.0005	728	\$ 0.36	\$ 0.0005	728	\$ 0.36	\$ -	0.00%
(RRRP)								0.000/
Standard Supply Service Charge	\$ 0.25		\$ 0.25	\$ 0.25	1	\$ 0.25		0.00%
Average IESO Wholesale Market Price	\$ 0.1101	700	\$ 77.07	\$ 0.1101	700	\$ 77.07	\$ -	0.00%
	<del>.</del>			î .				
Total Bill on Average IESO Wholesale Market Price			\$ 120.63			\$ 118.04		-2.15%
HST	139		\$ 15.68	13%		\$ 15.35	\$ (0.34)	-2.15%
8% Rebate	89	6		8%				
Total Bill on Average IESO Wholesale Market Price			\$ 136.31			\$ 133.39	\$ (2.92)	-2.15%

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

323 kWh Consumption - kW 1.0393 1.0393 Demand Current Loss Factor

Proposed/Approved Loss Factor

		Current O	EB-Approved	d				Proposed				Im	pact
		Rate	Volume	(	Charge		Rate	Volume		harge			
	_	(\$)			(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	26.76	1	\$	26.76	\$	27.04		\$	27.04		0.28	1.05%
Distribution Volumetric Rate	\$	-	323	\$	-	\$	-	323		-	\$	(0.07)	100.000/
Fixed Rate Riders	\$	0.37	1	Ψ	0.37	\$	-	1	\$	-	\$	(0.37)	-100.00%
Volumetric Rate Riders	\$	0.0002	323	\$	0.06	\$	0.0003	323	\$	0.10 27.14		0.03	50.00%
Sub-Total A (excluding pass through) Line Losses on Cost of Power	s	0.0824	13	\$	<b>27.19</b> 1.05	•	0.0824	13	*	1.05		(0.06)	<b>-0.21%</b> 0.00%
Total Deferral/Variance Account Rate	3	0.0824	13	Э	1.05	\$	0.0824	13	\$	1.05	Þ	-	0.00%
	\$	-	323	\$	-	-\$	0.0036	323	\$	(1.16)	\$	(1.16)	
Riders CBR Class B Rate Riders			000										
	\$	-	323	\$	-	\$	0.0002	323	\$	0.06		0.06	
GA Rate Riders	3	-	323 323	\$	-	Þ	-	323 323	þ.	-	\$	-	
Low Voltage Service Charge	\$	-	323	\$	-			323	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%
Additional Fixed Rate Riders	s	_	1	\$	_	\$	_	1	s	_	\$	_	
Additional Volumetric Rate Riders	*		323	\$	_	\$	_	323	Š	_	ŝ	_	
Sub-Total B - Distribution (includes Sub-			020			Ť		020	*		-		
Total A)				\$	28.81				\$	27.65	\$	(1.16)	-4.01%
RTSR - Network	\$	0.0067	336	\$	2.25	\$	0.0073	336	\$	2.45	\$	0.20	8.96%
RTSR - Connection and/or Line and	s	0.0065	336	\$	2.18	\$	0.0067	336	\$	2.25	\$	0.07	3.08%
Transformation Connection	۳	0.0003	330	Ψ	2.10	Ψ	0.0007	330	¥	2.23	Ψ	0.07	3.0070
Sub-Total C - Delivery (including Sub-				\$	33.24				\$	32.35	\$	(0.89)	-2.67%
Total B)				*					*	02.00	•	(0.00)	2.0.70
Wholesale Market Service Charge	\$	0.0034	336	\$	1.14	\$	0.0034	336	\$	1.14	\$	_	0.00%
(WMSC)	*			*		*			*		*		
Rural and Remote Rate Protection	\$	0.0005	336	\$	0.17	\$	0.0005	336	\$	0.17	\$	-	0.00%
(RRRP)	l i												
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25		-	0.00%
TOU - Off Peak	\$	0.0650	210	\$	13.65	\$	0.0650	210	\$	13.65		-	0.00%
TOU - Mid Peak	\$	0.0940	55	\$	5.16	\$	0.0940	55	\$	5.16		-	0.00%
TOU - On Peak	\$	0.1340	58	\$	7.79	\$	0.1340	58	\$	7.79	\$	-	0.00%
					64.40				•	60.51	•	(0.00)	-1.45%
Total Bill on TOU (before Taxes)		400/		\$	<b>61.40</b> 7.98		400/		<b>3</b>			(0.89)	
HST		13%	l	\$			13%		\$	7.87		(0.12) 0.07	-1.45%
8% Rebate		8%		\$	(4.91)		8%		D.	(4.84)			4 4504
Total Bill on TOU				\$	64.47	_			Þ	63.54	\$	(0.93)	-1.45%

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION
RPP / Non-RPP: Non-RPP (Retailer)
Consumption 323 kWh

		Current Of	B-Approved	i	T		Proposed		In	npact
	Rate		Volume	Charge		Rate	Volume	Charge		
	(\$)			(\$)	Щ.	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$	26.76	1	\$ 26.7	S \$	27.04		\$ 27.04	\$ 0.28	1.05%
Distribution Volumetric Rate	\$	-	323		\$	-	323	\$ -	\$ -	
Fixed Rate Riders	\$	0.37	1	\$ 0.3			1	\$ -	\$ (0.37)	-100.00%
Volumetric Rate Riders	\$	0.0002	323			0.0003	323		\$ 0.03	50.00%
Sub-Total A (excluding pass through)				\$ 27.1				\$ 27.14		-0.21%
Line Losses on Cost of Power	\$	0.1101	13	\$ 1.4	) \$	0.1101	13	\$ 1.40	\$ -	0.00%
Total Deferral/Variance Account Rate	\$	_	323	\$ -	-\$	0.0036	323	\$ (1.16)	\$ (1.16)	
Riders	*			Ť	- 1 '				. ,	
CBR Class B Rate Riders	\$	-	323	\$ -	\$		323	\$ 0.06	\$ 0.06	
GA Rate Riders	\$	-	323	\$ -	-\$	0.0011	323	\$ (0.36)	\$ (0.36)	
Low Voltage Service Charge	\$	-	323	\$ -			323	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	e	0.57	- 1	\$ 0.5	7   \$	0.57	4	\$ 0.57	s -	0.00%
	*	0.57	'	Φ 0.5	, φ	0.57		\$ 0.57	φ -	0.00 /6
Additional Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$ -	
Additional Volumetric Rate Riders			323	\$ -	\$	-	323	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-				\$ 29.1				\$ 27.65	\$ (1.51)	-5.18%
Total A)				•				•	. ,	
RTSR - Network	\$	0.0067	336	\$ 2.2	5 \$	0.0073	336	\$ 2.45	\$ 0.20	8.96%
RTSR - Connection and/or Line and	e	0.0065	336	\$ 2.1	8 <b>S</b>	0.0067	336	\$ 2.25	\$ 0.07	3.08%
Transformation Connection	¥	0.0003	330	Ψ 2.10	J #	0.0007	330	Ψ Z.23	Ψ 0.07	3.0070
Sub-Total C - Delivery (including Sub-				\$ 33.5				\$ 32.35	\$ (1.24)	-3.70%
Total B)				φ 33.3				φ 32.33	φ (1.24)	-3.70 /8
Wholesale Market Service Charge	\$	0.0034	336	\$ 1.1	4 5	0.0034	336	\$ 1.14	s -	0.00%
(WMSC)	*	0.0054	330	Ψ 1.1.	·   •	0.0054	330	1.14	Ψ -	0.0078
Rural and Remote Rate Protection	\$	0.0005	336	\$ 0.1	7   \$	0.0005	336	\$ 0.17	\$ -	0.00%
(RRRP)	v	0.0003	330	Φ 0.1	φ	0.0003	330	<b>3</b> 0.17	φ -	0.00 /6
Standard Supply Service Charge										
Non-RPP Retailer Avg. Price	\$	0.1101	323	\$ 35.5	6 \$	0.1101	323	\$ 35.56	\$ -	0.00%
Total Bill on Non-RPP Avg. Price				\$ 70.4	6			\$ 69.22	\$ (1.24)	-1.76%
HST		13%		\$ 9.1	6	13%		\$ 9.00	\$ (0.16)	-1.76%
8% Rebate		8%				8%				
Total Bill on Non-RPP Avg. Price				\$ 79.6	3			\$ 78.22	\$ (1.40)	-1.76%
									) '	

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

Rate   Volume   Charge   S   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55   1   \$   24.55			Current OI	EB-Approved	d				Proposed				lm	pact
Monthly Service Charge   \$ 24.55   1 \$ 24.81   1 \$ 24.81 \$ 0.26   1.08%		1		Volume					Volume					
Distribution Volumetric Rate   \$ 0.0167   2000   \$ 33.40   \$ 0.0169   2000   \$ 33.80   \$ 0.40   1.20%   Fixed Rate Riders   \$ 0.079   1   \$ 0.79   \$ 0.0005   \$ 0.0000   \$ 0.000   \$ 0.000   \$ 0.000   \$ 0.000   \$ 0.0000   \$ 0.0000   \$ 0														
Fixed Rate Riders   \$ 0.79   1   \$ 0.79   \$ - 1   \$ - \$ (0.79)   -100.00%   -2000   \$ 0.0004   -2000		\$										\$		
Volumetric Rate Riders   \$ 0.0005   2.000   \$ 0.0004   2.000   \$ 0.80   \$ 0.200   \$ -20.00%		\$		2000				0.0169	2000		33.80	\$		
Sub-Total A (excluding pass through)   \$ 59.74   \$ 59.41 \$ (0.33)		\$		1	Ψ		\$	-	1		-	\$		
Line Losses on Cost of Power Total Deferral/Variance Account Rate S	Volumetric Rate Riders	\$	0.0005	2000			\$	0.0004	2000					
Total Deferral/Variance Account Rate Riders \$ - 2,000 \$ \$ 0.0042 2,000 \$ (8.40) \$ (8.40) \$ Rate Riders CBR Class B Rate Riders \$ - 2,000 \$ - \$ 0.0002 2,000 \$ 0.40 \$ 0													(0.33)	
Riders CBR Class B Rate Riders \$ - 2,000 \$ - \$ 0,0002 2,000 \$ 0,4		\$	0.1101	79	\$	8.65	\$	0.1101	79	\$	8.65	\$	-	0.00%
Riders CBR Class B Rate Riders \$ - 2,000 \$ - \$ 0.0002 2,000 \$ 0.4		\$	_	2 000	\$		-\$	0.0042	2 000	\$	(8.40)	\$	(8.40)	
Second Rate Riders   Second Review Charge		*					Ψ.		-		` '	Ψ	` ′	
Low Voltage Service Charge   \$		\$	-									-		
Smart Meter Entity Charge (if applicable)         \$ 0.57         1 \$ 0.57         0.57         1 \$ 0.57         - 0.00%           Additional Fixed Rate Riders         \$ - 1 \$ \$ \$ 1 \$ \$ \$ 1 \$		\$	-			-	-\$	0.0011			(2.20)	\$	(2.20)	
Additional Fixed Rate Riders \$ - 1		\$	-	2,000	\$	-			2,000	\$	-	\$	-	
Additional Fixed Rate Riders	Smart Meter Entity Charge (if applicable)	e	0.57	1	•	0.57	•	0.57	1	•	0.57	œ.	_	0.00%
Additional Volumetric Rate Riders   2,000 \$ - \$ - 2,000 \$ - \$ - \$ - 2,000 \$   5 - \$ - \$   5 - 5		*	0.01			0.07	Ψ.	0.07		•	0.01	Ψ		0.0070
Sub-Total B - Distribution (includes Sub-Total A)   \$ 68.96   \$ 58.43 \$ (10.53) -15.27%		\$	-	1		-	\$	-			-	\$	-	
Total A)   \$ 0.0067   2,079   \$ 13.93   \$ 0.0073   2,079   \$ 15.17   \$ 1.25   8.96%				2,000	\$	-	\$	-	2,000	\$	-	\$	-	
Total A    RTSR - Network   \$ 0.0067   2,079   \$ 13.93   \$ 0.0073   2,079   \$ 15.17   \$ 1.25   8.96%       RTSR - Connection and/or Line and   \$ 0.0060   2,079   \$ 12.47   \$ 0.0061   2,079   \$ 12.68   \$ 0.21   1.67%     Sub-Total C - Delivery (including Sub-Total B)   \$ 95.36   \$ 86.29   \$ (9.07)   -9.52%     Wholesale Market Service Charge (WMSC)   \$ 0.0034   2,079   \$ 7.07   \$ 0.0034   2,079   \$ 7.07   \$ - 0.00%     Rural and Remote Rate Protection (RRRP)   \$ 0.0005   2,079   \$ 1.04   \$ 0.0005   2,079   \$ 1.04   \$ - 0.00%     Standard Supply Service Charge   \$ 0.1101   2,000   \$ 220.20   \$ 0.1101   2,000   \$ 220.20   \$ - 0.00%     Total Bill on Non-RPP Avg. Price   \$ 323.67   \$ 314.59   \$ (9.07)   -2.80%     HST   8% Rebate   8%   8%   8%   8%					\$	68 96				\$	58 43	¢	(10.53)	-15 27%
RTSR - Connection and/or Line and Transformation Connection   \$ 0.0060   2,079   \$ 12.47   \$ 0.0061   2,079   \$ 12.68   \$ 0.21   1.67%   Total B1   Tota													` ,	
Transformation Connection   \$   0.0060   2,079   \$   12.47   \$   0.0061   2,079   \$   12.68   \$   0.21   1.67%		\$	0.0067	2,079	\$	13.93	\$	0.0073	2,079	\$	15.17	\$	1.25	8.96%
Sub-Total C - Delivery (including Sub-Total Bub-Total		\$	0.0060	2 079	\$	12 47	\$	0.0061	2 079	\$	12 68	\$	0.21	1 67%
Total B		*	0.0000	2,070	Ψ	12.77	Ψ	0.0001	2,010	۳	12.00	•	0.21	1.07 70
Total B					\$	95.36				\$	86 29	¢	(9.07)	-9 52%
(WMSC)         \$ 0.0034         2,079         7.07         \$ 0.004         2,079         \$ 1.04         \$ 0.0005         2,079         \$ 1.04         \$ 0.0005         2,079         \$ 1.04         \$ - 0.00%           Standard Supply Service Charge         Non-RPP Retailer Avg. Price         \$ 0.1101         2,000         \$ 220.20         \$ - 0.00%           Total Bill on Non-RPP Avg. Price         \$ 323.67         \$ 314.59         \$ (9.07)         -2.80%           HST         13%         \$ 42.08         13%         \$ 40.90         \$ (1.18)         -2.80%           8% Rebate         8%         8%         8%         8%         8%         8%					۳	30.00				۳	00.20	•	(3.07)	3.32 /0
(WMSC) RRVal and Remote Rate Protection (RRRP) Standard Supply Service Charge Non-RPP Retailer Avg. Price  Total Bill on Non-RPP Avg. Price HST  8% Rebate  \$ 0.0005  2,079 \$ 1.04 \$ 0.0005  2,079 \$ 1.04 \$ - 0.00%  2,079 \$ 1.04 \$ - 0.00%  \$ 20.20 \$ 0.1101 2,000 \$ 220.20 \$ - 0.00%  \$ 323.67  # 314.59 # 40.90 # 40.90 # 40.90 # 61.18 # 2.80% # 8%		e	0.0034	2.070	æ	7.07	•	0.0034	2.070	e	7.07	¢	_	0.00%
RRRP    \$   0.0005   2,079   \$   1.04   \$   0.0005   2,079   \$   1.04   \$   -   0.00%		<b>*</b>	0.0034	2,073	Ψ	7.07	Ψ	0.0054	2,013	Ψ	7.07	Ψ	-	0.0078
(RRRP)         Standard Supply Service Charge         \$ 0.1101         2,000         \$ 220.20         \$ 0.1101         2,000         \$ 220.20         \$ - 0.00%           Total Bill on Non-RPP Avg. Price         \$ 323.67         \$ 314.59         \$ (9.07)         -2.80%           HST         13%         \$ 42.08         13%         \$ 40.90         \$ (1.18)         -2.80%           8% Rebate         8%		e	0.0005	2.070	æ	1.04	•	0.0005	2.070	e	1.04	¢	_	0.00%
Non-RPP Retailer Avg. Price \$ 0.1101 2,000 \$ 220.20 \$ 0.1101 2,000 \$ 220.20 \$ - 0.00%	(RRRP)	¥	0.0003	2,073	Ψ	1.04	Ψ	0.0003	2,013	Ψ	1.04	Ψ	_	0.0078
Total Bill on Non-RPP Avg. Price \$ 323.67 \$ \$ 314.59 \$ (9.07) -2.80%   HST 13% \$ 42.08 13% \$ 40.90 \$ (1.18) -2.80%   8% Rebate 8%														
HST 13% \$ 42.08 13% \$ 40.90 \$ (1.18) -2.80% 8% Rebate	Non-RPP Retailer Avg. Price	\$	0.1101	2,000	\$	220.20	\$	0.1101	2,000	\$	220.20	\$	-	0.00%
HST 13% \$ 42.08 13% \$ 40.90 \$ (1.18) -2.80% 8% Rebate														
8% Rebate 8% 8%	Total Bill on Non-RPP Avg. Price				\$	323.67				\$				
	HST		13%		\$	42.08		13%		\$	40.90	\$	(1.18)	-2.80%
Total Bill on Non-RPP Avg. Price \$ 365.75 \$ \$ 355.49 \$ (10.25) -2.80%	8% Rebate		8%	l				8%						
	Total Bill on Non-RPP Avg. Price				\$	365.75				\$	355.49	\$	(10.25)	-2.80%
												_		

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 1.0393 1.0393

Factor	Loss	Proposed/Approved

	Current OEB-Approved			Proposed			Impact	
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 76.48		\$ 76.48	\$ 77.28	1	\$ 77.28		1.05%
Distribution Volumetric Rate	\$ 3.6613	500	\$ 1,830.65	\$ 3.6997	500	\$ 1,849.85	\$ 19.20	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0446	500	\$ 22.30	\$ 0.0854	500	\$ 42.70	\$ 20.40	91.48%
Sub-Total A (excluding pass through)			\$ 1,929.43			\$ 1,969.83	\$ 40.40	2.09%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	\$ -	500	\$ -	-\$ 3.5262	500	\$ (1,763.10)	\$ (1,763.10)	
Riders	•		Ψ			, , , ,	, , ,	
CBR Class B Rate Riders	\$ -	500	\$ -	\$ 0.0720	500	\$ 36.00	\$ 36.00	
GA Rate Riders	\$ -	162,500	\$ -	-\$ 0.0011	162,500	\$ (178.75)	\$ (178.75)	
Low Voltage Service Charge	\$ -	500	\$ -		500	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	s -	1	\$ -	s -	1	s -	s -	
Additional Volumetric Rate Riders	Ţ	500	\$ -	\$ -	500	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 1,929.43			\$ 63.98	\$ (1,865.45)	-96.68%
Total A)			\$ 1,929.43			\$ 65.96	\$ (1,005.45)	-90.00%
RTSR - Network	\$ 2.6959	500	\$ 1,347.95	\$ 2.9247	500	\$ 1,462.35	\$ 114.40	8.49%
RTSR - Connection and/or Line and	\$ 2.4560	500	\$ 1,228,00	\$ 2.5138	500	\$ 1,256,90	\$ 28.90	2.35%
Transformation Connection	Ų 2.4000	000	Ψ 1,220.00	Ψ 2.0100	000	Ψ 1,200.50	ψ 20.00	2.0070
Sub-Total C - Delivery (including Sub-			\$ 4,505.38			\$ 2,783.23	\$ (1,722.15)	-38.22%
Total B)			¥ .,000.00			<b>\$</b> 2,:00:20	<b>(.,.22.10)</b>	00:2270
Wholesale Market Service Charge	\$ 0.0034	168,886	\$ 574.21	\$ 0.0034	168,886	\$ 574.21	s -	0.00%
(WMSC)	0.000	100,000	ψ 01 <u>2</u> .	• 0.000		v 0	•	0.0070
Rural and Remote Rate Protection	\$ 0.0005	168,886	\$ 84.44	\$ 0.0005	168,886	\$ 84.44	s -	0.00%
(RRRP)	,	,	•	•		•	·	
Standard Supply Service Charge	\$ 0.25		\$ 0.25		1	\$ 0.25		0.00%
Average IESO Wholesale Market Price	\$ 0.1101	168,886	\$ 18,594.38	\$ 0.1101	168,886	\$ 18,594.38	\$ -	0.00%
			00.750.00	1		00.000.54	4 700 45	7.050/
Total Bill on Average IESO Wholesale Market Price	100	. ]	\$ 23,758.66	100/		\$ 22,036.51		
HST	139	D	\$ 3,088.63	13%		\$ 2,864.75		
Total Bill on Average IESO Wholesale Market Price			\$ 26,847.29			\$ 24,901.26	\$ (1,946.03)	-7.25%

Customer Class:	Add additional	Add additional scenarios if required				
RPP / Non-RPP:						
Consumption		kWh	_			
Demand		kW				
Current Loss Factor						
Proposed/Approved Loss Factor						

	Current OEB-Approved			Proposed			Impact	
	Rate	Volume	Charge	Rate	Volume	Charge		l
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	V-2	1	\$ -	```	1	\$ -	\$ -	
Distribution Volumetric Rate		0	\$ -		0	\$ -	\$ -	
Fixed Rate Riders		1	\$ -		1	\$ -	\$ -	
Volumetric Rate Riders		0	\$ -		0	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ -			\$ -	\$ -	
Line Losses on Cost of Power	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Deferral/Variance Account Rate							•	
Riders		-	\$ -		-	\$ -	\$ -	
CBR Class B Rate Riders		-	\$ -		_	\$ -	\$ -	
GA Rate Riders		_	\$ -		_	\$ -	\$ -	
Low Voltage Service Charge		_	\$ -		_	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)			T			Ĭ		
Chiart Weter Entity Orlarge (ii applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders		1	\$ -		1	s -	\$ -	
Additional Volumetric Rate Riders			\$ -		_ '	š -	\$ -	
Sub-Total B - Distribution (includes Sub-		-			_			
			\$ -			\$ -	\$ -	
Total A) RTSR - Network			\$ -			s -	\$ -	
RTSR - Connection and/or Line and		-	φ -		-	-	φ -	
		-	\$ -		-	\$ -	\$ -	
Transformation Connection								
Sub-Total C - Delivery (including Sub-			\$ -			\$ -	\$ -	
Total B)								
Wholesale Market Service Charge	\$ 0.0034	-	\$ -	\$ 0.0034	-	\$ -	\$ -	
(WMSC)							•	
Rural and Remote Rate Protection	\$ 0.0005	-	\$ -	\$ 0.0005	-	\$ -	\$ -	
(RRRP)	11							
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	-	\$ -	\$ 0.0650	-	\$ -	\$ -	
TOU - Mid Peak	\$ 0.0940	-	-	\$ 0.0940	-	-	\$ -	
TOU - On Peak	\$ 0.1340	-	\$ -	\$ 0.1340	-	-	\$ -	
Non-RPP Retailer Avg. Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Bill on TOU (before Taxes)			\$ 0.25			\$ 0.25		0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
8% Rebate	8%		\$ (0.02)	8%		\$ (0.02)		
Total Bill on TOU			\$ 0.26			\$ 0.26	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%	1	\$ 0.03	13%		\$ 0.03		0.00%
8% Rebate	8%			8%			1	. ,,,,
Total Bill on Non-RPP Avg. Price	3,0		\$ 0.28	0,0		\$ 0.28	\$ -	0.00%
			0.20			0.20		2:30 /0
Total Bill on Average IESO Wholesale Market Price			\$ 0.25			\$ 0.25	s -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03		0.00%
8% Rebate	8%		Ψ 0.03	8%		Ψ 0.03	Ψ -	0.0076
Total Bill on Average IESO Wholesale Market Price	070		\$ 0.28	070		\$ 0.28	s -	0.00%
Total bill on Average 1230 Wholesale Market Price			ψ 0.20			Ψ 0.20		0.00%



## **ATTACHMENT Q**

Certificate of Evidence



**Entegrus Powerlines Inc.** 

320 Queen St. (P.O. Box 70) Chatham, ON N7M 5K2 Phone: (519) 352-6300

Toll Free: 1-866-804-7325

entegrus.com

### **Certification of Evidence**

As Chief Financial and Regulatory Officer of Entegrus Powerlines Inc., I certify that the evidence filed in the Entegrus Powerlines Inc.'s 2020 IRM application is accurate to the best of my knowledge and belief. This filing is consistent with the requirements of Chapter 3 of the Board's Filing Requirements for Electricity Distribution Rate Applications.

Original signed by

**Chris Cowell** 

Chief Financial & Regulatory Officer
Entegrus Powerlines Inc.