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August 18, 2021

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

**Re: 2022 IRM4 Rate Applications: Entegrus-Main Rate Zone & Entegrus St. Thomas Rate Zone  
Board File No.: EB-2021-0017**

Dear Ms. Long,

Please find enclosed the 2022 Entegrus Powerlines Inc. ("Entegrus") 4<sup>th</sup> Generation IRM Rate Application. By way of this application, Entegrus seeks Ontario Energy Board ("Board") approval for distribution rates for its St. Thomas rate zone effective January 1, 2022, and for its Main rate zone effective May 1, 2022.

In preparing the Application, Entegrus utilized the Board's 2022 Rate Generator Model. The basis for the Application and associated models is 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 Mark Groendyk, Regulatory Supervisor. Mark can be contacted at (519) 352-6300 Ext. 4286, or via email at [regulatory@entegrus.com](mailto: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]*

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Vice President of Regulatory & Human Resources  
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cc: Jim Hogan, President & CEO  
Chris Cowell, Chief Financial and Regulatory Officer



## 2022 IRM Rates Application

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Application & Evidence  
Board File No.: EB-2021-0017  
Date Filed: August 18, 2021

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## 2 LIST OF ATTACHMENTS

- A. OEB IRM Application Checklist
- B. Entegrus 2021 IRM Approved Tariff Sheet (EB-2020-0015)
- C. Entegrus - Main 2022 IRM Rate Generator Model, Version 1.0, Issued July 22, 2021
- D. Entegrus - Main GA Analysis Workform, Version 1.0
- E. LRAMVA Report, Prepared by IndEco Strategic Consulting
- F. LRAMVA Workform, Version 1.0
- G. Entegrus - Main Proposed Rates
- H. Entegrus - Main Bill Impacts
- I. Entegrus - St. Thomas 2022 IRM Rate Generator Model, Version 1.0, Issued July 22, 2021
- J. Entegrus - St. Thomas GA Analysis Workform, Version 1.0
- K. Entegrus - St. Thomas Proposed Rates
- L. Entegrus - St. Thomas Bill Impacts
- M. 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, 2022 for the Entegrus - St. Thomas rate zone, and effective May 1, 2022 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 June 24, 2021 (the “Filing Requirements”)
- Letter from the Board to Licensed Electricity Distributors re: “Process for 2022 Incentive Rate-setting Mechanism Distribution Rate Applications”, dated July 16, 2021.

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 3-1: 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 2021 IRM distribution rates shown in Attachment B as approved in the EB-2020-0015 Board Decision and Rate Order dated December 10, 2020.

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. The Application will be posted on Entegrus' website at <http://www.entegrus.com/regulatory>.

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

Contact information for the Application is as follows:

Mark Groendyk  
Regulatory Supervisor  
Phone: 519-352-6300  
Email: [regulatory@entegrus.com](mailto:regulatory@entegrus.com)

## 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, Eriau, 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 December 2020, Entegrus has approximately 60,590 metered customers.

## 5 GROUP ONE DVA BALANCES BY RATE ZONE

The balances reported in RRR 2.1.7 for year ending 2020 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. The Rate Generator Models submitted have been updated by OEB Staff to reflect the splits below of the Group One DVA balances between the two rates zones.

**TABLE 5-1: DVA BALANCES BY RATE ZONE**

Line No.	Description	Account	Entegrus - Main	Entegrus - St. Thomas	Total	RRR 2.1.7	Variance
			A	B	C = A + B	E	F = E - C
1	LV Variance Account	1550	\$1,680,716	\$0	<b>\$1,680,716</b>	\$1,680,716	\$0
2	Smart Metering Entity Charge Variance Account	1551	-\$10,467	-\$4,392	<b>-\$14,859</b>	-\$14,859	\$0
3	LRAM Variance Account	1568	\$615,093	\$111,173	<b>\$726,266</b>	\$726,266	\$0
4	RSVA - Wholesale Market Service Charge	1580	-\$698,888	-\$161,499	<b>-\$860,387</b>	-\$860,387	\$0
5	Variance WMS – Sub-account CBR Class A	1580	\$0	\$0	<b>\$0</b>	\$0	\$0
6	Variance WMS – Sub-account CBR Class B	1580	-\$82,486	-\$28,738	<b>-\$111,224</b>	-\$111,224	\$0
7	RSVA - Retail Transmission Network Charge	1584	\$340,935	\$153,370	<b>\$494,305</b>	\$494,305	\$0
8	RSVA - Retail Transmission Connection Charge	1586	-\$241,642	-\$56,393	<b>-\$298,036</b>	-\$298,036	\$0
9	RSVA - Power	1588	\$622,704	-\$339,131	<b>\$283,573</b>	\$283,573	\$0
10	RSVA - Global Adjustment	1589	\$805,049	-\$176,611	<b>\$628,438</b>	\$628,438	\$0
11	Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	\$0	\$0	<b>\$0</b>	\$0	\$0
12	Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	\$0	\$0	<b>\$0</b>	\$0	\$0
13	Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	\$0	\$0	<b>\$0</b>	\$0	\$0
14	Disposition and Recovery/Refund of Regulatory Balances (2017)	1595	\$0	\$0	<b>\$0</b>	\$0	\$0
15	Disposition and Recovery/Refund of Regulatory Balances (2018)	1595	\$305,041	\$0	<b>\$305,041</b>	\$305,041	\$0
16	Disposition and Recovery/Refund of Regulatory Balances (2019)	1595	\$27,557	-\$4,324	<b>\$23,233</b>	\$23,233	\$0
17	Disposition and Recovery/Refund of Regulatory Balances (2020)	1595	\$1,282,489	-\$46,862	<b>\$1,235,627</b>	\$1,235,627	\$0
18	<b>Grand Total</b>		<b>\$3,363,613</b>	<b>-\$506,547</b>	<b>\$2,857,066</b>	<b>\$2,857,067</b>	<b>\$0</b>

## **6 ENTEGRUS-MAIN RATE ZONE**

### **6.1 PREPARATION OF RATES**

Entegrus has utilized the Board's Rate Generator Model (version 1.0 issued July 22, 2021, manually updated by Board Staff on July 28, 2021) 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 2021 rates (as approved in EB-2020-0015) 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 2021 IRM Application (EB-2020-0015), inclusive of audited balances as of December 31, 2019. 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 2019 closing balances.

Entegrus - Main is proposing a one-year period for the disposition of its 2020 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 OEB's Account 1588 & Account 1589 accounting guidance.

## 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 6-1 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, 2020 Group One Account balances herein over a one-year disposition period.

**TABLE 6-1: DVA THRESHOLD TEST**

Line No.	Description	USoA	Amount
1	LV Variance Account	1550	\$1,062,734
2	Smart Metering Entity Charge Variance Account	1551	-\$4,583
3	RSVA - Wholesale Market Service Charge	1580	-\$407,649
4	Variance WMS – Sub-account CBR Class B	1580	-\$24,805
5	RSVA - Retail Transmission Network Charge	1584	\$266,806
6	RSVA - Retail Transmission Connection Charge	1586	-\$38,533
7	RSVA - Power	1588	\$247,228
8	RSVA - Global Adjustment	1589	\$260,222
9	Disposition and Recovery/Refund of Regulatory Balances	1595	\$0
10	<b>Total Group One Balance for Disposition</b>		<b>\$1,361,420</b>
11	Total kWh Consumption		888,063,832
12	<b>Threshold Calculation</b>		<b>\$0.0015</b>

## 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 have been updated by OEB Staff to reflect the Entegrus - Main specific balances. Please refer to Table 5-1 for the account balances by rate zone reconciling to the total amount submitted in the RRR. The following table summarizes the variances from the Rate Generator Model, Tab "3. Continuity Schedule", Column BV versus the RRR Entegrus - Main balances from Table 5-1 above.



**TABLE 6-2: DVA BALANCE RECONCILIATION TO RRR AS OF DECEMBER 31, 2020**

Line No.	Description	USoA	Balance per Model *	Table 2, Column A	Variance
1	LV Variance Account	1550	\$1,680,716	\$1,680,716	\$0
2	Smart Metering Entity Charge Variance Account	1551	-\$10,467	-\$10,467	\$0
3	RSVA - Wholesale Market Service Charge	1580	-\$616,402	-\$698,888	-\$82,486
4	Variance WMS – Sub-account CBR Class A	1580	\$0	\$0	\$0
5	Variance WMS – Sub-account CBR Class B	1580	-\$82,486	-\$82,486	\$0
6	RSVA - Retail Transmission Network Charge	1584	\$340,935	\$340,935	\$1
7	RSVA - Retail Transmission Connection Charge	1586	-\$241,642	-\$241,642	\$0
8	RSVA - Power	1588	\$495,211	\$622,704	\$127,493
9	RSVA - Global Adjustment	1589	\$846,398	\$805,049	-\$41,349
10	Disposition and Recovery/Refund of Regulatory Balances	1595	\$1,615,088	\$1,615,087	\$0
11	LRAM Variance Account	1568	\$665,297	\$615,093	-\$50,204
12	<b>Total</b>		<b>\$4,692,648</b>	<b>\$4,646,102</b>	<b>-\$46,546</b>

*\* Balances from Rate Generator Model, Tab "3. Continuity Schedule", Column BG + Column BL*

The variance of \$82,486 (credit) reflected in Line 3 of Table 6-2 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 of \$127,493 (debit) reflected in Line 8 of Table 6-2 represents the adjustments to the Commodity account based on known timing differences. These timing differences are described in detail in Section 0 below.

The variance of \$41,349 (credit) reflected in Line 9 of Table 6-2 represents the adjustments to the Global Adjustment account based on the reconciliation in the GA Analysis Workform. For more details regarding the GA Analysis Workform, please see Section 6.3.5 below.

The variance reflected of \$50,204 (credit) in Line 11 of Table 6-2 represents the difference between the estimated LRAMVA recorded in the general ledger (as reported in the RRR filing as of December 31, 2020), and the proposed LRAMVA disposition. 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 D, which includes a reconciliation of the Account 1588 timing adjustments.

**TABLE 6-3: 1588 PRINCIPAL ADJUSTMENTS**

Line No.	Description	Principal Adjustment
1	Reversal of Cost of Power accrual from previous year	\$426
2	Reversal of CT 1142 true-up from the previous year	\$2,228
3	Reversal of revenue adjustment for previous year	\$60,520
4	Reversal of RPP vs. Non-RPP allocation	\$0
<b>Subtotal Reversals from Previous Year (A)</b>		<b>\$63,174</b>
5	CT 148 true-up of GA Charges based on actual RPP volumes	-\$38,891
6	CT 1142 true-up based on actuals	\$0
7	Unbilled to actual revenue differences recorded in subsequent year	-\$86,752
8	Cost of power purchase true up	-\$1,849
9	Other	\$0
<b>Subtotal Principal Adjustments for 2020 consumption (B)</b>		<b>-\$127,493</b>
<b>Total Principal Adjustments shown for 2020 (A+B)</b>		<b>-\$64,318</b>

The balance for disposition after adjustments amounts to 0.2% of gross purchases.

### 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 Entegrus - Main's completed GA Analysis Workform for the proposed 2020 Account 1589 disposition.

In response to the COVID-19 pandemic, the IESO held Class B non-RPP GA rates at \$0.115/kWh for April, May and June 2020. It was also determined that Class B RPP GA rates would continue to be set based on existing methodology. In order to facilitate the IESO billing of only the Non-RPP Class B kWhs at the reduced rate, the IESO utilized the volumes in Entegrus' preliminary RPP submission for each month. For Entegrus, these volumes are based on estimates, to ensure the Day 4 IESO submission deadline is met. In normal course, Entegrus true up the RPP submission actual RPP volumes and rates within three months. However, under the circumstances, the IESO was unable to provide distributors with the ability to retroactively adjust the volumes used in the IESO invoice adjustments for Class B RPP and Non-RPP rates for April, May and June 2020. The resultant inability to true up the RPP and Non-RPP volumes and therefore the amount billed to Entegrus - Main from the IESO, created a residual balance for Entegrus - Main as shown below and which is included in the GA Analysis Workform (Tab "GA 2020", Cell C83) for disposition.

**TABLE 6-4: ENTEGRUS - MAIN GLOBAL ADJUSTMENT VARIANCE**

Line No.	Description	April 2020	May 2020	June 2020	Total
1	Actual Class B Non-RPP (kWh)	17,064,580	18,706,099	22,253,229	58,023,908
2	Original Estimated Class B Non-RPP (kWh)	18,206,579	20,033,827	25,781,404	64,021,810
3	kWh Difference not Adjusted in IESO invoice	(1,142,000)	(1,327,728)	(3,528,175)	(5,997,903)
4	Class B RPP GA Actual Price (\$/kWh)	\$0.15057	\$0.14718	\$0.12840	
5	Class B Non-RPP GA Actual Price (\$/kWh)	\$0.11500	\$0.11500	\$0.11500	
6	Price Difference	\$0.03557	\$0.03218	\$0.01340	
7	Unadjusted Price Variance (line 3 * line 6)	(\$40,621)	(\$42,726)	(\$47,278)	(\$130,625)
8	Line Loss Variance				(\$46,415)
9	Impacts of GA Deferral (GA Analysis Workform, Tab "GA 2020", Cell C83)				(\$177,040)

In terms of Class B Global Adjustment Non-RPP for Entegrus - Main, total activity (inclusive of the \$177,040 discussed above) resulted in a debit to Account 1589 of \$203,552, as input into the Rate Generator Model, Tab "3. Continuity Schedule", Cell BD29 and the GA Analysis Workform, Tab "GA 2020", Cell C75. The reconciling items are explained in detail within the GA Analysis Workform. The completed Workform results in an unresolved difference of \$83,689. This equates to a 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 \$48,226 as reflected in the timing adjustments identified in the GA Analysis Workform.

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### **6.3.6 ACCOUNT 1595 RESIDUAL BALANCES**

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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).

Per the 2022 Filing Requirements, the residual balances in Account 1595 are now only eligible for disposition two years after the rate rider expires or the fourth rate year after the year the rate rider expires and the balance has been audited. As a result of this filing requirement change, Entegrus - Main does not have any residual balances eligible for disposal in this application.

### **6.3.7 ACCOUNT 1568 LRAMVA**

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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 2018, 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.

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, 2018, in its 2021 IRM Application EB-2020-0015). The current Application proposes disposition of claims as follows:

- Lost revenues in 2019 & 2020 related to programs offered in 2014.
- Lost revenues in 2019 & 2020 related to programs offered in 2015.
- Lost revenues in 2019 & 2020 related to programs offered in 2016.

- Lost revenues in 2019 & 2020 related to programs offered in 2017.
- Lost revenues in 2019 & 2020 related to programs offered in 2018, and,
- Lost revenues in 2019 & 2020 related to programs offered in 2019.

Entegrus did not offer any additional CDM programs in 2020, as a result, there are no new program claims for 2020 (only persistence in 2020 from prior programs).

Entegrus has engaged IndEco Strategic Consulting Inc. (“IndEco”) to prepare a third party LRAMVA review. Please see Attachment E for IndEco’s report, which supports a disposition amount of \$665,297 (inclusive of carrying charges to April 30, 2022). 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 Entegrus - Main’s 2017 Final Verified Savings Report, Entegrus - Main’s April 2019 Participation & Cost Report and Entegrus - Main’s CDM database.

The completed Board LRAMVA Workform is included herein as Attachment F. A copy in Live Excel format has been filed as part of this Application. An Excel copy of the 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 6-5 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 6-5: PROPOSED LRAMVA DISPOSITION**

Line No.	Rate Class	Principal	Interest	Total
1	Residential	\$10,570	\$332	\$10,902
2	General Service < 50 kW	\$90,132	\$1,738	\$91,871
3	General Service > 50 kW	\$522,560	\$10,028	\$532,587
4	Large Use	\$8,902	\$171	\$9,073
5	Unmetered Scattered Load	\$0	\$0	\$0
6	Sentinel Lighting	\$0	\$0	\$0
7	Street Lighting	\$20,471	\$392	\$20,864
8	Embedded Distributor	\$0	\$0	\$0
9	<b>Total</b>	<b>\$652,635</b>	<b>\$12,662</b>	<b>\$665,297</b>

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### **6.3.8 CLASS A CONSUMPTION AND GA ALLOCATION**

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During 2020, Entegrus - Main had three General Service > 50 kW customer, who were previously Class A, elect to opt-out as of July 1. Conversely, five General Service > 50 kW, who were previously Class B, elected to opt into Class A as of July 1. Twenty-three General Service > 50 kW customers and one Large Use customer maintained their Class A status for the entire 2020 period.

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

Entegrus - Main has reviewed the GA amounts allocated to the 8 customers which transitioned during 2020 as per the Rate Generator Model, Tab "6.1a. GA Allocation". The annual amount of the GA disposition applied to the 8 transitional customers ranges from \$202 to \$4,783. Given the relatively low dollar amounts in relation to the customers' typical monthly bill, Entegrus proposes to dispose of these amounts as a one-time bill charge.

### **6.3.9 CAPACITY BASED RECOVERY**

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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 2021 IRM. The request for disposition relates to 2020 activity only. As noted above, Entegrus - Main had 8 transitional customers in 2020.

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

Entegrus - Main has reviewed the CBR amounts allocated to the 8 customers which transitioned during 2020 as per the Rate Generator Model, Tab "6.2a. CBR B Allocation". The annual amount of the CBR B disposition applied to the 8 transitional customers ranges from \$7 to \$170. Given the relatively low dollar amounts in relation to the customers' typical monthly bill, Entegrus proposes to dispose of these amounts as a one-time bill charge.

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## 6.4 SHARED TAX SAVINGS

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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.

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## 6.5 RETAIL TRANSMISSION RATES

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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. RTSR Network Rates charged to Entegrus - Main customers are notably increasing as a result of updated UTR's from the IESO (see OEB letter dated June 24, 2021).

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 2022 IESO and Hydro One Rate Orders.

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## 6.6 PRICE CAP INDEX ADJUSTMENT

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Entegrus - Main has used the Rate Generator Model proxy values of 2.20% 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 *2019 Benchmarking Update for Determination of 2019 Stretch Factor Rankings*. These components result in an interim Price Cap Index of 2.05%, as shown in Tab "16. Rev2Cost\_GDPIPI" of the Rate Generator Model. Entegrus - Main understands that OEB Staff will adjust for the final GDP-IPI and Stretch Factor Group once both factors are available.

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## 6.7 RESIDENTIAL RATE DESIGN TRANSITION

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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 - Main confirms that this new rate design was implemented and Residential rates were fully fixed as of May 1, 2019 and no further adjustments are required.

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## 6.8 REVENUE TO COST RATIO ADJUSTMENTS

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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”.

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## 6.9 ADDITIONAL RATES

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Entegrus - Main has not proposed any additional rates.

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## 6.10 REGULATORY CHARGES

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

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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 December 10, 2020, the OEB issued a Decision and Order (EB-2020-0276) advising LDCs that the Wholesale Market Service rate would continue to be billed 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.

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### **6.10.2 RURAL OR REMOTE ELECTRICITY RATE PROTECTION CHARGE (“RRRP”)**

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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 10, 2020, the OEB issued a Decision and Order (EB-2020-0276) establishing that the RRRP rate used by rate regulated distributors to bill their customers to be \$0.0005 per kWh effective January 1, 2021.

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

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### **6.10.3 STANDARD SUPPLY SERVICE – ADMINISTRATIVE CHARGE (“SSS”)**

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

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## **6.11 PROPOSED RATES**

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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 G for consistency with the 2021 IRM tariff sheet:

1. Entegrus - Main has updated the Large Use Standby Charge to align with the Large Use Distribution Volumetric Rate.
2. Entegrus - Main has added the General Service > 50 kW Standby Charge as approved in Entegrus – Main’s COS Application and in Entegrus-Main’s 2017, 2018, 2019, 2020, and 2021 IRM Application. The General Service > 50 kW Standby charge is aligned with the General Service > 50 kW Distribution Volumetric Rate.
3. 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, 2019, 2020, and 2021 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 summarizes the bill impacts for the average Entegrus - Main customer in each rate class.

**TABLE 6-6: ENTEGRUS-MAIN PROPOSED BILL IMPACTS<sup>1</sup>**

Line No.	Rate Class	Type	Typical kWh	Typical kW	Nov 1/21 Rates	May 1/22 Rates	\$ Increase (Decrease)	% Increase (Decrease)
1	Residential	RPP	750	-	\$115	\$117	\$2	1.3%
2	General Service < 50 kW	RPP	2,000	-	\$289	\$294	\$5	1.7%
3	General Service > 50 - 4,999 kW	Non-RPP	162,500	500	\$26,432	\$26,770	\$337	1.3%
4	Large Use	Non-RPP	2,700,000	5,500	\$404,327	\$405,420	\$1,093	0.3%
5	Unmetered Scattered Load	RPP	150	-	\$26	\$27	\$0	1.5%
6	Sentinel Lighting	Non-RPP	150	1	\$40	\$41	\$1	1.5%
7	Street Lighting	Non-RPP	150	1	\$34	\$36	\$1	4.4%
8	Embedded Distributor	Non-RPP	368,500	794	\$67,452	\$67,412	-\$40	-0.1%

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 H for detailed bill impact schedules.

<sup>1</sup> On April 16, 2020, the OEB issued guidance indicating that, in light of the uncertainty regarding the severity and duration of the COVID-19 emergency, it would permit LDCs (at their discretion), to elect to postpone the implementation of May 1, 2020 distribution rate order (EB-2019-0030) until November 1, 2020. Accordingly, Entegrus elected to postpone the implementation of the Entegrus - Main distribution rate order to November 1, 2020. Therefore, all 2020 approved rate riders will have expired as of October 31, 2021. As a result, Entegrus will use November 1, 2021 as a comparative for bill impact analysis.

## **7 ENTEGRUS – ST. THOMAS RATE ZONE**

### **7.1 PREPARATION OF RATES**

Entegrus has utilized the Board's Rate Generator Model (version 1.0 issued July 22, 2021, manually updated by OEB Staff on July 28, 2021) 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 I of this Application.

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

### **7.2 CURRENT TARIFF SCHEDULE**

The current 2021 rates (as approved in EB-2020-0015) 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**

Entegrus - St. Thomas last disposed of the Group One Account balances in its 2021 IRM Application (EB-2020-0015), inclusive of audited balances up to and including December 31, 2019. Accordingly, Entegrus has input the historic details of the Group One accounts into the detailed account continuity schedule shown in the Rate Generator Model, Tab "3. Continuity Schedule", starting with the 2019 ending balances.

Entegrus - St. Thomas is proposing a one-year period for the disposition of its 2020 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 OEB's Account 1588 & Account 1589 accounting guidance.

### 7.3.2 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 now elect to dispose of Group One Account balances below the pre-set disposition threshold.

As summarized in Table 7-1 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, 2020 Group One Account balances herein over a one-year disposition period.

**TABLE 7-1: ENTEGRUS - ST. THOMAS THRESHOLD TEST**

Line No.	Description	USoA	Amount
1	LV Variance Account	1550	\$0
2	Smart Metering Entity Charge Variance Account	1551	-\$1,873
3	RSVA - Wholesale Market Service Charge	1580	-\$140,233
4	Variance WMS – Sub-account CBR Class B	1580	-\$11,457
5	RSVA - Retail Transmission Network Charge	1584	\$21,538
6	RSVA - Retail Transmission Connection Charge	1586	-\$35,248
7	RSVA - Power	1588	-\$176,808
8	RSVA - Global Adjustment	1589	-\$231,611
9	Disposition and Recovery/Refund of Regulatory Balances	1595	\$0
<b>10</b>	<b>Total Group One Balance for Disposition</b>		<b>-\$575,689</b>
11	Total kWh Consumption		286,229,101
<b>12</b>	<b>Threshold Calculation</b>		<b>-\$0.0020</b>

### 7.3.3 RRR RECONCILIATION

The RRR balances shown in the Rate Generator Model, Tab "3. Continuity Schedule", Column BV have been updated by OEB Staff to reflect the Entegrus - St. Thomas specific balances. Please refer to Table 5-1 for the reconciliation of balances submitted in the RRR to the account balances by rate zone. The following table summarizes the variances from the Rate Generator Model, Tab "3. Continuity Schedule", Column BW versus the RRR Entegrus - St. Thomas balances from Table 5-1 above.

**TABLE 7-2: DVA BALANCE RECONCILIATION TO RRR AS OF DECEMBER 31, 2020**

Line No.	Description	USoA	Balance per Model *	Table 2, Column B	Variance
1	LV Variance Account	1550	\$0	\$0	\$0
2	Smart Metering Entity Charge Variance Account	1551	-\$4,392	-\$4,392	\$0
3	RSVA - Wholesale Market Service Charge	1580	-\$132,761	-\$161,499	-\$28,738
4	Variance WMS – Sub-account CBR Class A	1580	\$0	\$0	\$0
5	Variance WMS – Sub-account CBR Class B	1580	-\$28,738	-\$28,738	\$0
6	RSVA - Retail Transmission Network Charge	1584	\$153,370	\$153,370	\$0
7	RSVA - Retail Transmission Connection Charge	1586	-\$56,393	-\$56,393	\$0
8	RSVA - Power	1588	-\$342,167	-\$339,131	\$3,035
9	RSVA - Global Adjustment	1589	-\$173,231	-\$176,611	-\$3,381
10	Disposition and Recovery/Refund of Regulatory Balances	1595	-\$51,185	-\$51,185	\$0
11	LRAM Variance Account	1568	\$120,534	\$111,173	-\$9,361
<b>12</b>	<b>Total</b>		<b>-\$514,964</b>	<b>-\$553,409</b>	<b>-\$38,445</b>

*\* Balances from Rate Generator Model, Tab "3. Continuity Schedule", Column BG + Column BL*

The variance of \$28,738 (credit) reflected in Line 3 of Table 7-2 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 of \$3,035 (debit) reflected in Line 8 of Table 7-2 represents the adjustments to the Commodity account based on known timing differences. These timing differences are described in detail in Section 0 below.

The variance of \$3,381 (credit) reflected in Line 9 of Table 7-2 represents the adjustments to the Global Adjustment account based on the reconciliation in the GA Analysis Workform. For more details, please see Section 7.3.5 below.

The variance of \$9,361 (credit) reflected in Line 11 of Table 7-2 represents the difference between the estimated LRAMVA recorded in the general ledger (as reported in the RRR filing as of December 31, 2020), and the proposed LRAMVA disposition. Please see Section 7.3.7 below for more details on the LRAMVA balance and the proposed disposition.

### 7.3.4 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 J, which includes a reconciliation of the Account 1588 timing adjustments.

**TABLE 7-3:ACCOUNT 1588 COMMODITY TIMING ADJUSTMENT**

Line No.	Description	Principal Adjustment
1	Reversal of Cost of Power accrual from previous year	\$0
2	Reversal of CT 142 true-up from the previous year	\$0
3	Reversal of revenue adjustment from previous year	\$16,238
4	Reversal of RPP vs. Non-RPP allocation	\$0
5	Other	\$0
<b>6</b>	<b>Subtotal Reversals from Previous Year (A)</b>	<b>\$16,238</b>
7	CT 148 true-up of GA Charges based on actual RPP volumes	\$0
8	CT 1142 true-up based on actuals	\$0
9	Unbilled to actual revenue differences recorded in subsequent year	-\$3,035
10	Cost of power purchase true up	\$0
11	Other	\$0
<b>12</b>	<b>Subtotal Principal Adjustments from Subsequent Year (B)</b>	<b>-\$3,035</b>
<b>13</b>	<b>Total Principal Adjustments (A+B)</b>	<b>\$13,203</b>

The balance for disposition after adjustments amounts to 0.5% of gross purchases.

### 7.3.5 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 J for Entegrus - St. Thomas' completed GA Analysis Workform for the 2020 Account 1589 disposition.

In response to the COVID-19 pandemic, the IESO held Class B non-RPP GA rates at \$0.115/kWh for April, May and June 2020. It was also determined that Class B RPP GA rates would continue to be set based on existing methodology. In order to facilitate the IESO billing of only the Non-RPP Class B kWhs at the reduced rate, the IESO

utilized the volumes in Entegrus' preliminary RPP submission for each month. For Entegrus, these volumes are based on estimates, to ensure the Day 4 IESO submission deadline is met. In normal course, Entegrus true up the RPP submission actual RPP volumes and rates within three months. However, under the circumstances, the IESO was unable to provide distributors with the ability to retroactively adjust the volumes used in the IESO invoice adjustments for Class B RPP and Non-RPP rates for April, May and June 2020. The resultant inability to true up the RPP and Non-RPP volumes and therefore the amount billed to Entegrus - St. Thomas from the IESO, created a residual balance for Entegrus - St. Thomas as shown below and which is included in the GA Analysis Workform (Tab "GA 2020", Cell C83) for disposition.

**TABLE 7-4: ENTEGRUS - ST. THOMAS GLOBAL ADJUSTMENT VARIANCE**

Line No.	Description	April 2020	May 2020	June 2020	Total
1	Actual Class B Non-RPP (kWh)	5,107,339	5,456,084	6,399,891	16,963,313
2	Original Estimated Class B Non-RPP (kWh)	7,086,188	7,138,135	7,695,539	21,919,862
3	kWh Difference not Adjusted in IESO invoice	(1,978,849)	(1,682,052)	(1,295,649)	(4,956,550)
4	Class B RPP GA Actual Price (\$/kWh)	\$0.15057	\$0.14718	\$0.12840	
5	Class B Non-RPP GA Actual Price (\$/kWh)	\$0.11500	\$0.11500	\$0.11500	
6	Price Difference	\$0.03557	\$0.03218	\$0.01340	
7	Unadjusted Price Variance (line 3 * line 6)	(\$70,388)	(\$54,128)	(\$17,362)	(\$141,878)
8	Line Loss Variance				(\$45,933)
9	Impacts of GA Deferral (GA Analysis Workform, Tab "GA 2020", Cell C83)				(\$187,811)

In terms of Class B Global Adjustment Non-RPP for Entegrus - St. Thomas, total activity (inclusive of the \$187,811 discussed above) resulted in a credit to Account 1589 of \$238,251 as inputted into the Rate Generator Model, Tab "3. Continuity Schedule", Cell BD29 and the GA Analysis Workform, Tab "GA 2020", Cell C75. The reconciling items are explained in detail within the GA Analysis Workform. The completed Workform results in an unresolved difference of \$13,817. This equates to 0.1% difference, which is within the Board's +/- 1% threshold.

Entegrus - St. Thomas has updated the Rate Generator Model, Tab "3. Continuity Schedule", Cell BF29 with a debit of \$2,284 as reflected in the timing adjustments identified in the GA Analysis Workform.

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### **7.3.6 ACCOUNT 1595 RESIDUAL BALANCES**

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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).

Per the 2022 Filing Requirements, the residual balances in Account 1595 are only eligible for disposition two years after the rate rider expires or the fourth-rate year after the year the rate rider expires and the balance has been audited. As a result of this filing requirement change, Entegrus - St. Thomas does not have any residual balances eligible for disposal in this application.

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### **7.3.7 ACCOUNT 1568 LRAMVA**

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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 2018, 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, 2018 in its 2021 IRM Application (EB-2020-0015). The current Application proposes disposition of claims as follows:

- Lost revenues in 2019 & 2020 related to programs offered in 2014.
- Lost revenues in 2019 & 2020 related to programs offered in 2015.
- Lost revenues in 2019 & 2020 related to programs offered in 2016.



- Lost revenues in 2019 & 2020 related to programs offered in 2017.
- Lost revenues in 2019 & 2020 related to programs offered in 2018 and,
- Lost revenues in 2019 & 2020 related to programs offered in 2019.

Entegrus did not offer any additional CDM programs in 2020, as a result, there are no new program claims for 2020 (only persistence in 2020 from prior programs).

Entegrus has engaged IndEco Strategic Consulting Inc. (“IndEco”) to prepare a third party LRAMVA review. Please see Attachment E for IndEco’s report, which supports a disposition amount of \$118,636 (inclusive of carrying charges to January 1, 2022). 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 Entegrus - St. Thomas’ 2017 Final Verified Savings Report, Entegrus - St. Thomas’ April 2019 Participation & Cost Report and Entegrus - St. Thomas’ CDM database.

The completed Board LRAMVA Workform is included herein as Attachment F. A copy in Live Excel format has been filed as part of this Application. An Excel copy of the 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 7-5 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 7-5: ENTEGRUS - ST. THOMAS PROPOSED LRAMVA DISPOSITION**

Line No.	Rate Class	Principal	Interest	Total
1	Residential	\$0	\$0	\$0
2	General Service < 50 kW	\$46,643	\$845	\$47,488
3	General Service > 50 kW	\$69,737	\$1,262	\$71,000
4	Sentinel Lighting	\$0	\$0	\$0
5	Street Lighting	\$146	\$3	\$149
6	<b>Total</b>	<b>\$116,526</b>	<b>\$2,110</b>	<b>\$118,636</b>

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### **7.3.8 CLASS A CONSUMPTION AND GA ALLOCATION**

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During 2020, Entegrus - St. Thomas had three General Service > 50 kW customer, who were previously Class A, elect to opt-out as of July 1. Five other General Service > 50 kW customers maintained their Class A status for the entire 2020 period.

Entegrus - St. Thomas has populated Tab “6. Class A Consumption Data” with the necessary customer specific consumption details.

Entegrus - St. Thomas has reviewed the GA amounts allocated to the 3 customers which transitioned during 2020 as per the Rate Generator Model, Tab “6.1a. GA Allocation”. Given the relatively large dollar amounts in relation to the customers’ typical monthly bill, Entegrus proposes to dispose of these amounts via 12 monthly equal bill charges.

### **7.3.9 CAPACITY BASED RECOVERY**

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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 previously disposed of Account 1580, Subaccount Class B in its 2021 IRM (EB-2020-0015) for balances to December 31, 2019. As noted above, Entegrus - St. Thomas had 3 transitional customers in 2020.

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

Entegrus - St. Thomas has reviewed the CBR amounts allocated to the 8 customers which transitioned during 2020 as per the Rate Generator Model, Tab “6.2a. CBR B\_Allocation”. Given the relatively large dollar amounts in relation to the customers’ typical monthly bill, Entegrus proposes to dispose of these amounts via 12 monthly equal bill credits.

## **7.4 SHARED TAX SAVINGS**

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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. RTSR Network Rates charged to Entegrus - St. Thomas customers are notably increasing as a result of updated UTR’s from the IESO (see OEB letter dated June 24, 2021).

Entegrus - St. Thomas acknowledges that the IESO UTR currently used in the Rate Generator Model are subject to update by Board Staff subsequent to the issuance of the associated 2022 IESO rate orders.

## 7.6 PRICE CAP INDEX ADJUSTMENT

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Entegrus - St. Thomas has used the Rate Generator Model proxy values of 2.20% 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 *Incentive Rate Setting: 2019 Benchmarking Update for Determination of 2019 Stretch Factor Rankings* dated August 31, 2020. These components result in an interim Price Cap Index of 2.05%, as shown in Tab “16. Rev2Cost\_GDPIPI” of the 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

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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 confirms that the Residential rates were fully fixed as of January 1, 2019, and no further adjustments are required.

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## **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".

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## **7.9 ADDITIONAL RATES**

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

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## **7.10 REGULATORY CHARGES**

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### **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 December 10, 2020, the OEB issued a Decision and Order (EB-2020-0276) advising LDCs that the Wholesale Market Service rate would continue to be billed 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.

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### **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 10, 2020, the OEB issued a Decision and Order (EB-2020-0276) establishing that the RRRP rate used by rate regulated distributors to bill their customers to be \$0.0005 per kWh effective January 1, 2021.

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 K 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 7-6: 2020 ENTEGRUS - ST. THOMAS PROPOSED BILL IMPACTS**

Line No.	Rate Class/Category	Type	Typical kWh	Typical kW	Jan 1/21 Rates	Jan 1/22 Rates	\$ Increase (Decrease)	% Increase (Decrease)
1	Residential	RPP	750	-	\$116	\$117	\$1	1.1%
2	General Service < 50 kW	RPP	2,000	-	\$307	\$312	\$5	1.6%
3	General Service > 50 - 4,999 kW	Non-RPP	43,800	100	\$6,685	\$6,594	-\$91	-1.4%
4	Sentinel Lighting	RPP	150	1	\$36	\$36	\$1	1.8%
5	Street Lighting	Non-RPP	110,000	415	\$42,393	\$42,565	\$172	0.4%

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 L for detailed bill impact schedules.

## 8 CERTIFICATE OF EVIDENCE

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

# **ATTACHMENT A**

## OEB IRM Application Checklist

## 2022 IRM Checklist

Entegrus Powerlines Inc.

EB-2021-0017

Date: August 18, 2021

		Evidence Reference, Notes	
Filing Requirement Section/Page Reference	IRM Requirements	Entegrus - MAIN	Entegrus - STT
<b>3.1.2 Components of the Application Filing</b>			
2	Manager's summary documenting and explaining all rate adjustments requested	Application, Table 1	Application, Table 1
2	Contact info - primary contact may be a person within the distributor's organization other than the primary license contact	Application, Page 5	Application, Page 5
3	Completed Rate Generator Model and supplementary work forms, Excel and PDF	Attachment C & Filename: Entegrus-Main_2022RateGen_20210818	Attachment I & Filename: Entegrus-STT_2022RateGen_20210818
3	Current tariff sheet, PDF	Attachment B	Attachment B
3	Supporting documentation (e.g. relevant past decisions, RRWF, etc.)	Not Applicable	Not Applicable
3	Statement as to who will be affected by the application, specific customer groups affected by particular request	Application, Page 5	Application, Page 5
3	Distributor's internet address	Application, Page 5	Application, Page 5
3	Statement confirming accuracy of billing determinants pre-populated in model	Application, Section 6.1	Application, Section 7.1
3	Text searchable PDF format for all documents	✓	✓
3	An Excel version of the IRM Checklist	Filename: Entegrus_2022Checklist_20210818	Filename: Entegrus_2022Checklist_20210818
<b>3.2.2 Revenue to Cost Ratio Adjustments</b>			
6	Revenue to Cost Ratio Adjustment Workform, if distributor is seeking revenue to cost ratio adjustments due to previous OEB decision	Not Applicable	Not Applicable
<b>3.2.3 Rate Design for Residential Electricity Customers</b>			
	<b>Applicable only to distributors that have not completed the residential rate design transition</b>		
7	A plan to mitigate the impact for the whole residential class or indicate why such a plan is not required, if the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile	Not Applicable	Not Applicable
7	Mitigation plan if total bill increases for any customer class exceed 10%	Not Applicable	Not Applicable
<b>2.4 Electricity Distribution Retail Transmission Service Rates</b>			
<b>3.2.5 Review and Disposition of Group 1 DVA Balances</b>			
8	Justification if any account balance in excess of the threshold should not be disposed	Not Applicable	Not Applicable
8	Completed Tab 3 - continuity schedule in Rate Generator Model	Attachment C & Filename: Entegrus-Main_2022RateGen_20210818	Attachment I & Filename: Entegrus-STT_2022RateGen_20210818
8 - 9	If Group 1 balances were last approved on an interim basis and adjustments have been made to the approved balances, a distributor needs to complete the continuity schedule starting from the last balances approved on a final basis	Not Applicable	Not Applicable
9	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	Application, Section 6.3.3	Application, Section 7.3.3
9	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis; If so, 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
9 - 10	Rate riders proposed for recovery or refund of balances that are proposed for disposition. The default disposition period is one year. Justification with proper supporting information is required if distributor is proposing an alternative recovery period	Attachment C & Filename: Entegrus-Main_2022RateGen_20210818	Attachment I & Filename: Entegrus-STT_2022RateGen_20210818
<b>3.2.5.1 Wholesale Market Participants</b>			
10	Separate rate riders established to recover balances in RSVAs from Wholesale Market Participants, who must not be allocated balances related to charges for which WMPs settle directly with the IESO	Attachment C & Filename: Entegrus-Main_2022RateGen_20210818	Attachment I & Filename: Entegrus-STT_2022RateGen_20210818
<b>3.2.5.2 Global Adjustment</b>			
11	Separate GA rate rider established (variable charge) applicable to Non-RPP Class B customers when clearing balances in the GA Variance Account	Attachment D & Filename: Entegrus-Main_GAWorkform_20210818	Attachment J & Filename: Entegrus-STT_GAWorkform_20210818
11	Populated GA Analysis Workform for each year that has not previously been approved by the OEB for disposition, irrespective of whether seeking disposition of the Account 1589 balance as part of current application. If adjustments were made to an Account 1589 balance that was previously approved on an interim basis, the GA Analysis Workform is required to be completed for each year after the distributor last received final disposition for Account 1589	Attachment D & Filename: Entegrus-Main_GAWorkform_20210818	Attachment J & Filename: Entegrus-STT_GAWorkform_20210818
<b>3.2.5.3 Commodity Accounts 1588 and 1589</b>			
12	Confirmation of implementation of the OEB's February 21, 2019 guidance effective from January 1, 2019 when requesting final disposition for the first time following implementation of the Accounting Guidance	Application, Section 6.3.1	Application, Section 7.3.1
12	Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Accounting Guidance, summary provided of the review performed. Distributors must discuss the results of review, whether any systemic issues were noted, and whether any material adjustments to the account balances have been recorded. A summary and description is provided for each adjustment made to the historical balances	Not Applicable	Not Applicable
13	Certification of Evidence - Distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of account balances being proposed for disposition	Attachment M	Attachment M
<b>3.2.5.4 Capacity Based Recovery (CBR)</b>			
13 - 14	Disposition proposed for 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 Rate Generator model, distributors must indicate whether they had Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated - For disposition of Account 1580 sub-account CBR Class A, distributors must follow the OEB's CBR accounting guidance, which results in balances disposed outside of a rate proceeding - The Rate Generator model allocates the portion of Account 1580 sub-account CBR Class B to customers who transitioned between Class A and Class B based on consumption	Attachment C & Filename: Entegrus-Main_2022RateGen_20210818	Attachment I & Filename: Entegrus-STT_2022RateGen_20210818
<b>3.2.5.5 Disposition of Account 1595</b>			
14	Confirmation that residual balances in Account 1595 Sub-accounts for each vintage year have only been disposed once	Not Applicable	Not Applicable



## 2022 IRM Checklist

Entegrus Powerlines Inc.

EB-2021-0017

Date: August 18, 2021

		Evidence Reference, Notes	
Filing Requirement Section/Page Reference	IRM Requirements	Entegrus - MAIN	Entegrus - STT
15	Account 1595 Analysis Workform completed for distributors who meet the requirements for disposition of residual balances in 1595 sub-accounts (and are seeking disposition).	Not Applicable	Not Applicable
15	Detailed explanations provided for any significant residual balances attributable to specific rate riders for each customer rate class, including for example, differences between forecast and actual volumes	Not Applicable	Not Applicable
<b>3.2.6 Lost Revenue Adjustment Mechanism Variance Account</b>			
16	Completed latest version of LRAMVA Workform in a working Excel file when making LRAMVA requests for remaining amounts related to CFF activity	Attachment F & Attachment G & Application, Section 6.3.7	Attachment F & Attachment G & Application, Section 7.3.7
18	Final Verified Annual Reports if LRAMVA balances are being claimed from CDM programs delivered in 2017 or earlier. Participation and Cost reports in Excel format, made available by the IESO, provided to support LRAMVA balances for programs delivered after January 1, 2018		
18	Meet the OEB's requirements related to personal information and commercially sensitive information as stated in the Filing Requirements		
19	Statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition		
19	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		
20	Summary table with principal and carrying charges by rate class and resulting rate riders		
20	Statement providing the proposed disposition period; rationale provided for disposing the balance in the LRAMVA if significant rate rider is not generated for one or more customer classes		
20	Statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used		
20	Rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form)		
20	Statement confirming whether additional documentation was provided in support of projects that were not included in distributor's final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable)		
20 - 21	<p>must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings.</p> <p>For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following information:</p> <ul style="list-style-type: none"> <li>o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS application</li> <li>o Confirmation that the street light upgrades represent incremental savings attributable to participation in the IESO program, and that any savings not attributable to the IESO program have been removed (for example, other upgrades under normal asset management plans)</li> <li>o Confirmation that the associated energy savings from the applicable IESO program have been removed from the LRAMVA workform so as not to double count savings (for example, if requesting lost revenue recovery for the demand savings from a street light upgrade program, the associated energy savings from the Retrofit program have been subtracted from the Retrofit total)</li> <li>o Confirmation that the distributor has received reports from the participating municipality that validate the number and type of bulbs replaced or retrofitted through the IESO program</li> <li>o A table, in live excel format, that shows the monthly breakdown of billed demand over the period of the street light upgrade project, and the detailed calculations of the change in billed demand due to the street light upgrade project (including data on number of bulbs, type of bulb replaced or retrofitted, average demand per bulb)</li> </ul>		
21	<p>For the recovery of lost revenues related to demand savings from other programs that are not included in the monthly Participation and Cost Reports of the IESO (for example Combined Heat and Power projects), distributors should provide the following information:</p> <ul style="list-style-type: none"> <li>o The third party evaluation report that describes the methodology to calculate the demand savings achieved for the program year. In particular, if the proposed methodology is different than the evaluation approaches used by the IESO, an explanation must be provided explaining why the proposed approach is more appropriate</li> <li>o Rationale for net-to-gross assumptions used</li> <li>o Breakdown of billed demand and detailed level calculations in live excel format</li> </ul>		
<b>3.2.7 Tax Changes</b>			
22	Tabs 8 and 9 of Rate Generator model are completed, if applicable	Not Applicable	Not Applicable
22	If a rate rider to the fourth decimal place is not generated for one or more customer classes, the entire sharing tax amount is be transferred to Account 1595 for disposition at a future date	Not Applicable	Not Applicable
<b>3.2.8 Z-Factor Claims</b>			
23	To be eligible for a Z-factor claim, a distributor must demonstrate that its achieved regulatory return on equity (ROE), during its most recently completed fiscal year, does not exceed 300 basis points above its deemed ROE embedded in its base rates	Not Applicable	Not Applicable
23	Evidence that costs incurred meet criteria of causation, materiality and prudence	Not Applicable	Not Applicable

## 2022 IRM Checklist

Entegrus Powerlines Inc.

EB-2021-0017

Date: August 18, 2021

Filing Requirement Section/Page Reference		Evidence Reference, Notes	
IRM Requirements		Entegrus - MAIN	Entegrus - STT
23 - 24	In addition, the distributor must: - Notify OEB by letter of all Z-Factor events within 6 months of event - Apply to OEB for any cost recovery of amounts in the 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 - Provide the distributor's achieved regulatory ROE for the most recently completed fiscal year	Not Applicable	Not Applicable
<b>3.2.8.2 Z-Factor Accounting Treatment</b>			
24	Eligible Z-factor cost amounts are recorded in Account 1572, Extraordinary Event Costs. Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate sub-accounts of this account	Not Applicable	Not Applicable
<b>3.2.8.3 Recovery of Z-Factor Costs</b>			
24	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
24	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rationale for proposal	Not Applicable	Not Applicable
24	Residential rate rider to be proposed on fixed basis	Not Applicable	Not Applicable
24	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	Not Applicable	Not Applicable
<b>3.2.9 Off-Ramps</b>			
24	If a distributor whose earnings are in excess of the dead band nevertheless applies for an increase to its base rates, it needs to substantiate its reasons for doing so	Not Applicable	Not Applicable
24 - 25	A distributor is expected to file its regulated ROE, as was filed for 2.1.5.6 of the RRR. However, if in the distributor's view this ROE has been affected by out-of-period or other items (for example, revenues or costs that pertain to a prior period but recognized in a subsequent one), it may also file a proposal to normalize its achieved regulated ROE for those impacts, for consideration by the OEB.	Not Applicable	Not Applicable
<b>3.3.1 Advanced Capital Module</b>			
4	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	Not Applicable	Not Applicable
26	Evidence of passing "Means Test"	Not Applicable	Not Applicable
26	Information on relevant project's (or projects') updated cost projections, confirmation that the project(s) are on schedule to be completed as planned and an updated ACM/ICM module in Excel format	Not Applicable	Not Applicable
26	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required	Not Applicable	Not Applicable
26	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
<b>3.3.2 Incremental Capital Module</b>			
<b>3.3.2.1 ICM Filing Requirements</b>			
	The following should be provided when filing for incremental capital:	Not Applicable	Not Applicable
4	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	Not Applicable	Not Applicable
28	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
28	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
28	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
28	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part, included in base rates or being funded by the expansion of service to include new customers and other load growth)	Not Applicable	Not Applicable
28	Details by project for the proposed capital spending plan for the expected in-service year	Not Applicable	Not Applicable
28	Description of the proposed capital projects and expected in-service dates	Not Applicable	Not Applicable
28	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	Not Applicable	Not Applicable
29	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
29	Description of the actions the distributor would take in the event that the OEB does not approve the application	Not Applicable	Not Applicable
29	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
29	An updated DSP is required for any ICM request that is filed beyond the five-year horizon of the distributor's current DSP. Any ICM request that involves a significant increase to a capital budget may need to be supported by a DSP along with customer engagement analysis	Not Applicable	Not Applicable

## **ATTACHMENT B**

# Entegrus 2021 IRM Approved Tariff Sheet (EB-2020-0015)

# Entegrus Powerlines Inc.

## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

**Effective and Implementation Date January 1, 2021**

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

EB-2020-0015

## 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 Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	27.82
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021)		
- effective until December 31, 2021	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0002)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065

## MONTHLY RATES AND CHARGES - Regulatory Component

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

# Entegrus Powerlines Inc.

## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

**Effective and Implementation Date January 1, 2021**

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

EB-2020-0015

## **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 Global Adjustment and the HST.

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

Service Charge	\$	25.51
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0173
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0002)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

### **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

# Entegrus Powerlines Inc.

## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

**Effective and Implementation Date January 1, 2021**

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

EB-2020-0015

## **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.

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

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

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

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

Service Charge	\$	79.49
Distribution Volumetric Rate	\$/kW	3.8054
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	0.1113
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.2219)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	0.1532
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	\$/kW	(0.0271)
Retail Transmission Rate - Network Service Rate	\$/kW	2.9304
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4464

**Entegrus Powerlines Inc.**  
**For Former St. Thomas Energy Rate Zone**  
**TARIFF OF RATES AND CHARGES**

**Effective and Implementation Date January 1, 2021**

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

EB-2020-0015

**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

# Entegrus Powerlines Inc.

## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

**Effective and Implementation Date January 1, 2021**

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

EB-2020-0015

## 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 Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.14
Distribution Volumetric Rate	\$/kW	6.2233
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0009
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0002)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kW	1.8414
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5357

## 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



# Entegrus Powerlines Inc.

## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

**Effective and Implementation Date January 1, 2021**

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

EB-2020-0015

## 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 Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.93
Distribution Volumetric Rate	\$/kW	0.0384
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	0.0101
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	-0.0643
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	\$/kW	(0.0265)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2596
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8864

## 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

# Entegrus Powerlines Inc.

## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

**Effective and Implementation Date January 1, 2021**

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**EB-2020-0015**

#### **microFIT SERVICE CLASSIFICATION**

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

#### **APPLICATION**

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

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

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

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

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

Service Charge	\$	10.00
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# Entegrus Powerlines Inc.

## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

**Effective and Implementation Date January 1, 2021**

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**EB-2020-0015**

## ALLOWANCES

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

## SPECIFIC SERVICE CHARGES

### APPLICATION

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

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

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

### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
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 (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

### Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments) - Approved on an Interim Basis	\$	44.50
Disconnect/Reconnect at customer's request - at meter during regular hours	\$	65.00

# Entegrus Powerlines Inc.

## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

**Effective and Implementation Date January 1, 2021**

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

EB-2020-0015

## RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.24
Monthly Fixed Charge, per retailer	\$	41.70
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.17
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08

## LOSS FACTORS

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

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

**Entegrus Powerlines Inc.**  
**For Entegrus-Main Rate Zone**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0015

## 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 Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	25.88
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 (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0006
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kWh	0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kWh	0.0015
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
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

**Entegrus Powerlines Inc.**  
**For Entegrus-Main Rate Zone**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0015

## **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 the Global Adjustment and the HST.

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

Service Charge	\$	32.49
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0107
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0006
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kWh	0.0004
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
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

**Entegrus Powerlines Inc.**  
**For Entegrus-Main Rate Zone**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0015

## **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.

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

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

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

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

Service Charge	\$	105.36
Distribution Volumetric Rate	\$/kW	3.4895
Low Voltage Service Rate (see Note 1)	\$/kW	0.6201
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022	\$/kWh	0.0022
Applicable only for Non-RPP Customers		
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	0.0159
Applicable only for Non-Wholesale Market Participants		
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	0.2069
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022	\$/kW	(0.0295)
Applicable only for Class B Customers		
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021	\$/kWh	(0.0009)
Applicable only for Non-RPP Customers		
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW	0.2048
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kW	0.1172
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kW	0.1531
Applicable only for Non-Wholesale Market Participants		
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kW	0.4727
Retail Transmission Rate - Network Service Rate	\$/kW	2.7206
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.2423

**Entegrus Powerlines Inc.**  
**For Entegrus-Main Rate Zone**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2021**  
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EB-2020-0015

**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



**Entegrus Powerlines Inc.**  
**For Entegrus-Main Rate Zone**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2021**  
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EB-2020-0015

## **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.

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

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

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

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

Service Charge	\$	1,607.72
Distribution Volumetric Rate	\$/kW	2.4552
Low Voltage Service Rate (see Note 1)	\$/kW	0.6818
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	0.2043
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kW	(0.0080)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW	0.0386
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kW	0.0122
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kW	0.3608
Retail Transmission Rate - Network Service Rate	\$/kW	2.8868
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.4653

**Entegrus Powerlines Inc.**  
**For Entegrus-Main Rate Zone**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2021**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2020-0015

**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

**Entegrus Powerlines Inc.**  
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EB-2020-0015

## 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 Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	8.69
Distribution Volumetric Rate	\$/kWh	0.0015
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0006
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kWh	0.0017
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
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

**Entegrus Powerlines Inc.**  
**For Entegrus-Main Rate Zone**  
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EB-2020-0015

## SENTINEL LIGHTING SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	7.91
Distribution Volumetric Rate	\$/kW	0.7087
Low Voltage Service Rate	\$/kW	0.4661
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	0.2147
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kW	(0.0313)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kW	0.5964
Retail Transmission Rate - Network Service Rate	\$/kW	1.9986
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6853

### 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

**Entegrus Powerlines Inc.**  
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EB-2020-0015

## **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 Global Adjustment and the HST.

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

Service Charge	\$	1.20
Distribution Volumetric Rate	\$/kW	1.0107
Low Voltage Service Rate	\$/kW	0.4552
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	0.2014
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kW	(0.0296)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW	1.0609
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kW	0.9252
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kW	0.5755
Retail Transmission Rate - Network Service Rate	\$/kW	1.9781
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6460

### **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

**Entegrus Powerlines Inc.**  
**For Entegrus-Main Rate Zone**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2021**  
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EB-2020-0015

## **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 Global Adjustment and the HST.

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

Service Charge	\$	139.57
Low Voltage Service Rate	\$/kW	0.6201
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	0.2778
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kW	(0.0408)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kW	0.7521
Retail Transmission Rate - Network Service Rate	\$/kW	2.7206
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2423

### **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

**Entegrus Powerlines Inc.**  
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EB-2020-0015

## **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 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 3.4895

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

\$/kW 2.4552

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EB-2020-0015

**microFIT SERVICE CLASSIFICATION**

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

**APPLICATION**

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	4.55
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**ALLOWANCES**

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

**SPECIFIC SERVICE CHARGES**

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

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

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**Customer Administration**

Arrears certificate	\$	15.00
Statement of account	\$	15.00
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 (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00

**Other**

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) - Approved on an Interim Basis	\$	44.50
Switching for company maintenance - charge based on time and materials	\$	T&M

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## RETAIL SERVICE CHARGES (if applicable)

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.24
Monthly fixed charge, per retailer	\$	41.70
Monthly variable charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	No charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.17
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February	\$	2.08

## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0432
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, Biooil, Bio-gas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for losses.

# **ATTACHMENT C**

## Entegrus-Main 2022 IRM Rate Generator Model, Version 1.0

Issued July 22, 2021



Ontario Energy Board

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

## Quick Link

Ontario Energy Board's 2022 Electricity  
Distribution Rate Applications Webpage

Version 1.0

Utility Name	Entegrus Powerlines Inc.
Service Territory	For Entegrus-Main Rate Zone
Assigned EB Number	EB-2021-0017
Name of Contact and Title	Mark Groendyk, Regulatory Supervisor
Phone Number	519-365-9724
Email Address	regulatory@entegrus.com
We are applying for rates effective	Sunday, May 1, 2022
Rate-Setting Method	Price Cap IR

1. Select the last Cost of Service rebasing year.

2016

To determine the first year the continuity schedules in tab 3 will be generated for input, answer the following questions:

For all the responses below, when selecting a year, select the year relating to the account balance. For example, if the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019.

2. For Accounts 1588 and 1589, please indicate the year of the account balances that the accounts were last disposed on a final basis for information purposes.

2019

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved for disposition on a final basis.

b) If the account balances were last approved on an interim basis, and

i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis.

ii) there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.

2019

3. For the remaining Group 1 DVAs, please indicate the year of the account balances that were last disposed on a final basis

2019

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances that the balance was last approved on a final basis.

b) If the accounts were last approved on an interim basis, and

i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis.

ii) If there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.

2019

4. Select the earliest vintage year in which there is a balance in Account 1595.

2018

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

5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance selected in #2 above to the year requested for disposition)?

Yes

6. Did you have any Class A customers at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year selected in #3 above to the year requested for disposition)?

Yes

7. Retail Transmission Service Rates: Entegrus Powerlines Inc. is:

Partially Embedded

Within

Hydro One Distribution

8. 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 item from the drop-down list.

Red cells represent flags to identify either non-matching values or incorrect user selections.

Pale grey cells represent auto-populated RRR data.

White cells contain fixed values, automatically generated values or formulae.

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Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Please refer to the footnotes for further instructions.

		2018									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2018	Transactions Debit / (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments <sup>1</sup> during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments <sup>1</sup> during 2018	Closing Interest Amounts as of Dec 31, 2018
<b>Group 1 Accounts</b>											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power <sup>4</sup>	1588	0				0	0				0
RSVA - Global Adjustment <sup>4</sup>	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595	0				0	0				0
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0				0
RSVA - Global Adjustment requested for disposition	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance requested for disposition		0	0	0	0	0	0	0	0	0	0
RSVA - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		0	0	0	0	0	0	0	0	0	0



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Please refer to the footnotes for further instructions.

		2019									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2019	Transactions Debit / (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments <sup>1</sup> during 2019	Closing Principal Balance as of Dec 31, 2019	Opening Interest Amounts as of Jan 1, 2019	Interest Jan 1 to Dec 31, 2019	OEB-Approved Disposition during 2019	Interest Adjustments <sup>1</sup> during 2019	Closing Interest Amounts as of Dec 31, 2019
<b>Group 1 Accounts</b>											
LV Variance Account	1550	0			777,892	777,892	0			8,653	8,653
Smart Metering Entity Charge Variance Account	1551	0			(43,666)	(43,666)	0			(1,291)	(1,291)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0			(293,516)	(293,516)	0			67	67
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0			0	0	0			0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0			(88,105)	(88,105)	0			(2,445)	(2,445)
RSVA - Retail Transmission Network Charge	1584	0			427,014	427,014	0			9,866	9,866
RSVA - Retail Transmission Connection Charge	1586	0			384,199	384,199	0			13,798	13,798
RSVA - Power <sup>4</sup>	1588	0			713,688	713,688	0			26,327	26,327
RSVA - Global Adjustment <sup>4</sup>	1589	0			302,862	302,862	0			22,034	22,034
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0			(106,829)	(106,829)	0			(12,392)	(12,392)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0			368,807	368,807	0			19,648	19,648
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	0			274,206	274,206	0			7,184	7,184
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595	0									
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0				0
RSVA - Global Adjustment requested for disposition	1589	0	0	0	302,862	302,862	0	0	0	22,034	22,034
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		0	0	0	1,877,505	1,877,505	0	0	0	54,975	54,975
Total Group 1 Balance requested for disposition		0	0	0	2,180,368	2,180,368	0	0	0	77,009	77,009
RSVA - Global Adjustment		0	0	0	302,862	302,862	0	0	0	22,034	22,034
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	2,413,689	2,413,689	0	0	0	69,414	69,414
Total Group 1 Balance		0	0	0	2,716,552	2,716,552	0	0	0	91,448	91,448
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		0	0	0	2,180,368	2,180,368	0	0	0	77,009	77,009



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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		2020									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2020	Transactions Debit/ (Credit) during 2020	OEB-Approved Disposition during 2020	Principal Adjustments <sup>1</sup> during 2020	Closing Principal Balance as of Dec 31, 2020	Opening Interest Amounts as of Jan 1, 2020	Interest Jan 1 to Dec 31, 2020	OEB-Approved Disposition during 2020	Interest Adjustments <sup>1</sup> during 2020	Closing Interest Amounts as of Dec 31, 2020
Group 1 Accounts											
LV Variance Account	1550	777,892	1,050,276	166,578		1,661,590	8,653	14,044	3,571		19,126
Smart Metering Entity Charge Variance Account	1551	(43,666)	(4,211)	(37,666)		(10,212)	(1,291)	(434)	(1,469)		(256)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(293,516)	(404,065)	(87,363)		(610,218)	67	(3,740)	2,511		(6,184)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0		0		0	0		0		0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(88,105)	(23,937)	(32,057)		(79,985)	(2,445)	(1,563)	(1,507)		(2,501)
RSVA - Retail Transmission Network Charge	1584	427,014	260,925	350,659		337,281	9,866	5,093	11,304		3,654
RSVA - Retail Transmission Connection Charge	1586	384,199	(42,102)	577,823		(235,726)	13,798	859	20,572		(5,916)
RSVA - Power <sup>4</sup>	1588	713,688	310,479	473,683	(64,318)	486,166	26,327	3,940	21,222		9,045
RSVA - Global Adjustment <sup>4</sup>	1589	302,862	203,552	(260,542)	48,226	815,182	22,034	15,504	6,321		31,216
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-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	(106,829)		(106,830)		0	(12,392)	(920)	(13,313)		0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	368,807	(87,761)			281,046	19,648	4,347			23,995
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	274,206	(253,685)			20,521	7,184	(147)			7,036
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0	(223,680)	(1,499,694)		1,276,014	0	6,475			6,475
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>											
Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.	1595	0				0	0				0
RSVA - Global Adjustment requested for disposition	1589	302,862	203,552	(260,542)	48,226	815,182	22,034	15,504	6,321	0	31,216
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		1,877,505	1,147,365	1,411,657	(64,318)	1,548,896	54,975	18,200	56,205	0	16,969
Total Group 1 Balance requested for disposition		2,180,368	1,350,917	1,151,115	(16,092)	2,364,078	77,009	33,703	62,527	0	48,185
RSVA - Global Adjustment		302,862	203,552	(260,542)	48,226	815,182	22,034	15,504	6,321	0	31,216
Total Group 1 Balance excluding Account 1589 - Global Adjustment		2,413,689	582,239	(194,867)	(64,318)	3,126,478	69,414	27,954	42,893	0	54,475
Total Group 1 Balance		2,716,552	785,791	(455,409)	(16,092)	3,941,660	91,448	43,458	49,214	0	85,691
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	652,635			652,635	0	12,662			12,662
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		2,180,368	2,003,552	1,151,115	(16,092)	3,016,713	77,009	46,365	62,527	0	60,847



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## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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		2021				Projected Interest on Dec-31-2020 Balances					2.1.7 RRR <sup>5</sup>	
Account Descriptions	Account Number	Principal Disposition during 2021 - instructed by OEB	Interest Disposition during 2021 - instructed by OEB	Closing Principal Balances as of Dec 31, 2020 Adjusted for Disposition during 2021	Closing Interest Balances as of Dec 31, 2020 Adjusted for Disposition during 2021	Projected Interest from Jan 1, 2021 to Dec 31, 2021 on Dec 31, 2020 balance adjusted for disposition during 2021 <sup>2</sup>	Projected Interest from Jan 1, 2022 to Apr 30, 2022 on Dec 31, 2020 balance adjusted for disposition during 2021 <sup>2</sup>	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2020	Variance RRR vs. 2020 Balance (Principal + Interest)
<b>Group 1 Accounts</b>												
LV Variance Account	1550	611,315	14,649	1,050,275	4,477	5,987	1,996	12,459	1,062,734		1,680,716	(0)
Smart Metering Entity Charge Variance Account	1551	(6,001)	84	(4,211)	(340)	(24)	(8)	(372)	(4,583)		(10,467)	0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(206,153)	(5,671)	(404,065)	(514)	(2,303)	(768)	(3,584)	(407,649)		(698,888)	(82,486)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0	0	0	0	0	0	0	0		0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(56,048)	(1,815)	(23,937)	(686)	(136)	(45)	(868)	(24,805)		(82,486)	(0)
RSVA - Retail Transmission Network Charge	1584	76,355	(243)	260,925	3,898	1,487	496	5,881	266,806		340,935	1
RSVA - Retail Transmission Connection Charge	1586	(193,624)	(9,805)	(42,102)	3,889	(240)	(80)	3,569	(38,533)		(241,642)	(0)
RSVA - Power <sup>4</sup>	1588	240,005	9,850	246,161	(805)	1,403	468	1,066	247,222		622,704	127,493
RSVA - Global Adjustment <sup>4</sup>	1589	563,404	24,602	251,778	6,614	1,373	458	8,444	260,222		805,049	(41,349)
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595			0	0			0	0	No	0	(1)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595			281,046	23,995			23,995	0	No	305,041	0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595			20,521	7,036			7,036	0	No	27,557	(0)
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595			1,276,014	6,475			6,475	0	No	1,282,489	0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595									No		
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595			0	0			0	0			0
RSVA - Global Adjustment requested for disposition	1589	563,404	24,602	251,778	6,614	1,373	458	8,444	260,222		805,049	(41,349)
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		465,849	7,049	1,083,047	9,920	6,173	2,058	18,151	1,101,198		3,308,446	1,742,580
Total Group 1 Balance requested for disposition		1,029,254	31,651	1,334,824	16,534	7,546	2,515	26,596	1,361,420		4,113,495	1,701,232
RSVA - Global Adjustment		563,404	24,602	251,778	6,614	1,373	458	8,444				
Total Group 1 Balance excluding Account 1589 - Global Adjustment		465,849	7,049	2,660,629	47,426	6,173	2,058	55,658				
Total Group 1 Balance		1,029,254	31,651	2,912,406	54,040	7,546	2,515	64,102			\$4,113,495	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			652,635	12,662			12,662	665,297		615,093	(50,204)
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		1,029,254	31,651	1,987,459	29,196	7,546	2,515	39,258	2,026,717		4,728,588	1,651,028





Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Have you confirmed the accuracy of the data below?

Yes

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non- RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>1</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	306,879,262	0	8,657,781	0	0	0	306,879,262	0	10,902	37,679
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	105,908,534	0	19,249,070	0	0	0	105,908,534	0	91,871	3,952
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	428,920,970	1,165,818	394,798,116	1,049,389	6,542,298	18,369	422,378,672	1,147,449	532,587	
LARGE USE SERVICE CLASSIFICATION	kW	37,618,741	109,366	37,618,741	109,366	0	0	37,618,741	109,366	9,073	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,272,419	0	737,241	0	0	0	1,272,419	0		
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	363,836	1,016	127,102	358	0	0	363,836	1,016		
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,540,950	10,447	3,540,950	10,447	0	0	3,540,950	10,447	20,864	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	3,559,120	11,728	3,559,120	11,728	0	0	3,559,120	11,728		
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0		
<b>Total</b>		888,063,832	1,298,375	468,288,121	1,181,288	6,542,298	18,369	881,521,534	1,280,006	665,297	41,631

### 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>

\$1,361,420

\$0.0015

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

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

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

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



Ontario Energy Board

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	1550	allocated based on Total less WMP			allocated based on Total less WMP		
					1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	34.6%	90.5%	34.8%	367,238	(4,148)	(150,548)	92,198	(13,315)	86,066	10,902
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	11.9%	9.5%	12.0%	126,739	(435)	(51,956)	31,819	(4,595)	29,703	91,871
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	48.3%	0.0%	47.9%	513,284	0	(207,209)	128,863	(18,611)	118,458	532,587
LARGE USE SERVICE CLASSIFICATION	4.2%	0.0%	4.3%	45,018	0	(18,455)	11,302	(1,632)	10,550	9,073
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	1,523	0	(624)	382	(55)	357	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	435	0	(178)	109	(16)	102	0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	4,237	0	(1,737)	1,064	(154)	993	20,864
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	4,259	0	(1,746)	1,069	(154)	998	0
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0	0
Total	100.0%	100.0%	100.0%	1,062,734	(4,583)	(432,454)	266,806	(38,533)	247,228	665,297

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



Ontario Energy Board

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

- 1a The year Account 1589 GA was last disposed
- 1b The year Account 1580 CBR Class B was last 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 per #1a above to the current year requested for disposition)?  (If you received approval to dispose of the CBR Class B account balance as at December 31, 2017, the period the GA variance accumulated would be 2018 to 2020.)

- 2b Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed per #1b above to the current year requested for disposition)?  (If you received approval to dispose of the CBR Class B account balance as at December 31, 2017, the period the GA variance accumulated would be 2018 to 2020.)

- 3a Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2020	
			July to December	January to June
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,806,670	1,588,259
		kW	6,029	6,735
		Class A/B	B	A
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	4,517,121	3,726,955
		kW	8,816	7,437
		Class A/B	B	A
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,321,659	913,094
		kW	3,538	3,094
		Class A/B	B	A
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,127,794	1,894,967
		kW	4,800	5,008
		Class A/B	A	B
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	8,841,582	2,699,144
		kW	19,058	6,894
		Class A/B	A	B
Customer 6	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,099,025	191,145
		kW	2,285	659
		Class A/B	A	B
Customer 7	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,487,167	2,205,884
		kW	4,690	4,745
		Class A/B	A	B
Customer 8	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	4,093,654	2,001,401
		kW	10,153	4,581
		Class A/B	A	B

- 3b Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).

In the table, enter the total Class A consumption for full year Class A customers in each rate class for each year, including any transition customer's consumption identified in table 3a above that were Class A customers for the full year before/after the transition year (E.g. If a customer transitioned from Class B to A in 2019, exclude this customer's consumption for 2019 but include this customer's consumption in 2020 as they were a Class A customer for the full year).

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

Rate Class	Rate Class		2020	
Rate Class 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	168,707,698	
		kW	382,106	
Rate Class 2	LARGE USE SERVICE CLASSIFICATION	kWh	28,969,542	
		kW	59,111	



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# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Year the Account 1589 GA Balance Last Disposed

2019

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

		Total	2020
Non-RPP Consumption Less WMP Consumption	A	468,288,121	468,288,121
Less Class A Consumption for Partial Year Class A Customers	B	24,877,530	24,877,530
Less Consumption for Full Year Class A Customers	C	197,677,240	197,677,240
<b>Total Class B Consumption for Years During Balance Accumulation</b>	<b>D = A-B-C</b>	<b>245,733,351</b>	<b>245,733,351</b>
All Class B Consumption for Transition Customers	E	16,637,991	16,637,991
<b>Transition Customers' Portion of Total Consumption</b>	<b>F = E/D</b>	<b>6.77%</b>	

## Allocation of Total GA Balance \$

Total GA Balance	G	\$ 260,222
Transition Customers Portion of GA Balance	H=F*G	\$ 17,619
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	\$ 242,603

## Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers		8				
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 2020	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments
Customer 1		1,806,670	1,806,670	10.86%	\$ 1,913	\$ 159
Customer 2		4,517,121	4,517,121	27.15%	\$ 4,783	\$ 399
Customer 3		1,321,659	1,321,659	7.94%	\$ 1,400	\$ 117
Customer 4		1,894,967	1,894,967	11.39%	\$ 2,007	\$ 167
Customer 5		2,699,144	2,699,144	16.22%	\$ 2,858	\$ 238
Customer 6		191,145	191,145	1.15%	\$ 202	\$ 17
Customer 7		2,205,884	2,205,884	13.26%	\$ 2,336	\$ 195
Customer 8		2,001,401	2,001,401	12.03%	\$ 2,119	\$ 177
Total		16,637,991	16,637,991	100.00%	\$ 17,619	

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Rate Rider Recovery to be used below

	Total Metered Non-RPP 2020 Consumption excluding WMP	Total Metered 2020 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2020 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
	kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	8,657,781	0	0	8,657,781	3.8%	\$9,168	\$0.0011 kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	19,249,070	0	0	19,249,070	8.4%	\$20,384	\$0.0011 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	394,798,116	168,707,698	41,515,520	184,574,898	80.6%	\$195,458	\$0.0011 kWh
LARGE USE SERVICE CLASSIFICATION	kWh	37,618,741	28,969,542	0	8,649,199	3.8%	\$9,159	\$0.0011 kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	737,241	0	0	737,241	0.3%	\$781	\$0.0011 kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	127,102	0	0	127,102	0.1%	\$135	\$0.0011 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	3,540,950	0	0	3,540,950	1.5%	\$3,750	\$0.0011 kWh
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	3,559,120	0	0	3,559,120	1.6%	\$3,769	\$0.0011 kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000
<b>Total</b>		468,288,121	197,677,240	41,515,520	229,095,361	100.0%	\$242,604	

## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

No input required. The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

The year Account 1580 CBR Class B was last disposed

2019

		Total Metered 2020 Consumption Minus WMP		Total Metered 2020 Consumption for Full Year Class A Customers		Total Metered 2020 Consumption for Transition Customers		Metered Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	306,879,262	0	0	0	0	0	306,879,262	0	47.8%	(\$11,551)	\$0.0000	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	105,908,534	0	0	0	0	0	105,908,534	0	16.5%	(\$3,987)	\$0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	422,378,672	1,147,449	168,707,698	382,106	41,515,520	98,522	212,155,454	666,821	33.0%	(\$7,986)	\$0.0000	kW
LARGE USE SERVICE CLASSIFICATION	kW	37,618,741	109,366	28,969,542	59,111	0	0	8,649,199	50,255	1.3%	(\$136)	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,272,419	0	0	0	0	0	1,272,419	0	0.2%	(\$48)	\$0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	363,836	1,016	0	0	0	0	363,836	1,016	0.1%	(\$14)	\$0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,540,950	10,447	0	0	0	0	3,540,950	10,447	0.6%	(\$133)	\$0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	3,559,120	11,728	0	0	0	0	3,559,120	11,728	0.6%	(\$134)	\$0.0000	kW
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0	0.0%	\$0	\$0.0000	kW
<b>Total</b>		881,521,534	1,280,006	197,677,240	441,217	41,515,520	98,522	642,328,774	740,267	100.0%	(\$24,179)	\$0.0000	

If the allocated Account 1580 sub-account CBR Class B amount does not produce a rate rider in one or more rate class (except for the Standby rate class), the model will transfer the entire CBR Class B amount into Account 1580 WMS control account to be disposed through the general purpose Group 1 DVA rate riders.

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Year Account 1580 CBR Class B was Last Disposed 2019

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

		Total	2020	2019	2018	2017	2016
Total Consumption Less WMP Consumption	A	881,521,534	881,521,534				
Less Class A Consumption for Partial Year Class A Customers	B	24,877,530	24,877,530	-	-	-	-
Less Consumption for Full Year Class A Customers	C	197,677,240	197,677,240	-	-	-	-
<b>Total Class B Consumption for Years During Balance Accumulation</b>	<b>D = A-B-C</b>	<b>658,966,764</b>	<b>658,966,764</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
All Class B Consumption for Transition Customers	E	16,637,992	16,637,991	-	-	-	1
<b>Transition Customers' Portion of Total Consumption</b>	<b>F = E/D</b>	<b>2.52%</b>					

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$ 24,805
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$ 626
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$ 24,178

Allocation of CBR Class B Balances to Transition Customers

Allocation of CBR Class B Balances to Transition Customers												
# of Class A/B Transition Customers												
	8											
	Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2020	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2019	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2018	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2017	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2016	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Monthly Equal Payments	Revised Monthly Payment		
Customer												
Customer 1	1,806,670	1,806,670	-	-	-	-	10.86%	-\$ 68	6	\$ -		
Customer 2	4,517,121	4,517,121	-	-	-	-	27.15%	-\$ 170	14	\$ -		
Customer 3	1,321,659	1,321,659	-	-	-	-	7.94%	-\$ 50	4	\$ -		
Customer 4	1,894,967	1,894,967	-	-	-	-	11.39%	-\$ 71	6	\$ -		
Customer 5	2,699,144	2,699,144	-	-	-	-	16.22%	-\$ 102	8	\$ -		
Customer 6	191,145	191,145	-	-	-	-	1.15%	-\$ 7	1	\$ -		
Customer 7	2,205,884	2,205,884	-	-	-	-	13.26%	-\$ 83	7	\$ -		
Customer 8	2,001,401	2,001,401	-	-	-	-	12.03%	-\$ 75	6	\$ -		
Total	16,637,991	16,637,991	-	-	-	-	100.00%	-\$ 626	52	\$ -		

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes <sup>2</sup>	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	Revenue Reconciliation <sup>1</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	306,879,262	0	306,879,262	0	377,491		0.0012	0.0000	0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	105,908,534	0	105,908,534	0	131,274		0.0012	0.0000	0.0009	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	428,920,970	1,165,818	422,378,672	1,147,449	623,536	(88,751)	0.5348	(0.0773)	0.4568	
LARGE USE SERVICE CLASSIFICATION	kW	37,618,741	109,366	37,618,741	109,366	46,783		0.4278	0.0000	0.0830	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,272,419	0	1,272,419	0	1,582		0.0012	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	363,836	1,016	363,836	1,016	452		0.4453	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,540,950	10,447	3,540,950	10,447	4,404		0.4215	0.0000	1.9971	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	3,559,120	11,728	3,559,120	11,728	4,426		0.3774	0.0000	0.0000	
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0		0.0000	0.0000	0.0000	
											1,087,722.67

<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>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.



# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

## Summary - Sharing of Tax Change Forecast Amounts

	2016	2022
<b>OEB-Approved Rate Base</b>	\$ 86,380,208	\$ 86,380,208
<b>OEB-Approved Regulatory Taxable Income</b>	\$ 530,144	\$ 530,144
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) <sup>1,2</sup>		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.2%
Ontario Small Business Rate (calculated effective rate) <sup>1,2</sup>		11.5%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 79,522
Provincial Taxes Payable		\$ 60,967
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
<b>Combined Effective Tax Rate</b>	26.5%	26.5%
Total Income Taxes Payable	\$ 140,488	\$ 140,488
OEB-Approved Total Tax Credits (enter as positive number)	\$ 51,000	\$ 51,000
<b>Income Tax Provision</b>	\$ 89,488	\$ 89,488
<b>Grossed-up Income Taxes</b>	\$ 121,753	\$ 121,753
<b>Incremental Grossed-up Tax Amount</b>		\$ -
<b>Sharing of Tax Amount (50%)</b>		\$ -

### 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.

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh							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	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
<b>Total</b>			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	306,879,262		0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	105,908,534		0	0.0000 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	428,920,970	1,165,818	0	0.0000 kW
LARGE USE SERVICE CLASSIFICATION	kW	37,618,741	109,366	0	0.0000 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,272,419		0	0.0000 kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	363,836	1,016	0	0.0000 kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,540,950	10,447	0	0.0000 kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	3,559,120	11,728	0	0.0000 kW
STANDBY POWER SERVICE CLASSIFICATION	kW			0	0.0000 kW
<b>Total</b>		888,063,832	1,298,375	50	



# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071	306,879,262	0	1.0432	320,136,446
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060	306,879,262	0	1.0432	320,136,446
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	105,908,534	0	1.0432	110,483,783
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	105,908,534	0	1.0432	110,483,783
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7206	428,920,970	1,165,818		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.2423	428,920,970	1,165,818		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8868	37,618,741	109,366		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.4653	37,618,741	109,366		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	1,272,419	0	1.0432	1,327,388
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	1,272,419	0	1.0432	1,327,388
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9986	363,836	1,016		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6853	363,836	1,016		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9781	3,540,950	10,447		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6460	3,540,950	10,447		
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7206	3,559,120	11,728		
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2423	3,559,120	11,728		



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# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Uniform Transmission Rates	Unit	2020	2021 Jan to Jun	2021 Jul to Dec	2022
Rate Description		Rate	Rate	Rate	Rate
Network Service Rate	kW	\$ 3.92	\$ 4.67	\$ 4.90	\$ 4.90
Line Connection Service Rate	kW	\$ 0.97	\$ 0.77	\$ 0.81	\$ 0.81
Transformation Connection Service Rate	kW	\$ 2.33	\$ 2.53	\$ 2.65	\$ 2.65

Hydro One Sub-Transmission Rates	Unit	2020	2021	2022
Rate Description		Rate	Rate	Rate
Network Service Rate	kW	\$ 3.3980	\$ 3.4778	\$ 3.4778
Line Connection Service Rate	kW	\$ 0.8045	\$ 0.8128	\$ 0.8128
Transformation Connection Service Rate	kW	\$ 2.0194	\$ 2.0458	\$ 2.0458
Both Line and Transformation Connection Service Rate	kW	\$ 2.8239	\$ 2.8586	\$ 2.8586

If needed, add extra host here. (I)	Unit	2020	2021	2022
Rate Description		Rate	Rate	Rate
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	\$ -	\$ -	\$ -

If needed, add extra host here. (II)	Unit	2020	2021	2022
Rate Description		Rate	Rate	Rate
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	\$ -	\$ -	\$ -

Low Voltage Switchgear Credit (if applicable, enter as a negative value)		Historical 2020	Current 2021	Forecast 2022
	\$			

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed.  
If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	71,879	\$3.92	\$ 281,766	75,732	\$0.97	\$ 73,460	75,732	\$2.33	\$ 176,456	\$			\$ 249,916
February	70,621	\$3.92	\$ 278,834	74,810	\$0.97	\$ 72,566	74,810	\$2.33	\$ 174,307	\$			\$ 246,873
March	66,236	\$3.92	\$ 259,645	71,370	\$0.97	\$ 69,229	71,370	\$2.33	\$ 166,292	\$			\$ 235,521
April	52,602	\$3.92	\$ 206,200	60,083	\$0.97	\$ 58,281	60,083	\$2.33	\$ 139,993	\$			\$ 198,274
May	93,995	\$3.92	\$ 368,460	97,065	\$0.97	\$ 94,153	97,065	\$2.33	\$ 226,161	\$			\$ 320,315
June	102,996	\$3.92	\$ 403,744	108,634	\$0.97	\$ 105,375	108,634	\$2.33	\$ 253,117	\$			\$ 358,492
July	113,826	\$3.92	\$ 446,198	119,263	\$0.97	\$ 115,685	119,263	\$2.33	\$ 277,863	\$			\$ 393,568
August	114,282	\$3.92	\$ 447,985	118,716	\$0.97	\$ 115,155	118,716	\$2.33	\$ 276,608	\$			\$ 391,763
September	98,691	\$3.92	\$ 386,869	100,935	\$0.97	\$ 97,907	100,935	\$2.33	\$ 235,179	\$			\$ 333,086
October	74,485	\$3.92	\$ 291,981	77,724	\$0.97	\$ 75,392	77,724	\$2.33	\$ 181,097	\$			\$ 256,489
November	75,485	\$3.92	\$ 295,901	80,241	\$0.97	\$ 77,834	80,241	\$2.33	\$ 186,962	\$			\$ 264,795
December	77,783	\$3.92	\$ 304,909	85,198	\$0.97	\$ 82,642	85,198	\$2.33	\$ 198,511	\$			\$ 281,153
Total	1,012,881	\$ 3.92	\$ 3,970,494	1,069,771	\$ 0.97	\$ 1,037,678	1,069,771	\$ 2.33	\$ 2,492,566	\$			\$ 3,530,244

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	55,014	\$3.3980	\$ 186,938	48,582	\$0.8045	\$ 39,084	42,172	\$2.0194	\$ 85,162	\$			\$ 124,247
February	54,654	\$3.3980	\$ 185,713	48,645	\$0.8045	\$ 39,135	42,149	\$2.0194	\$ 85,115	\$			\$ 124,250
March	53,196	\$3.3980	\$ 180,759	47,474	\$0.8045	\$ 38,193	40,694	\$2.0194	\$ 82,177	\$			\$ 120,369
April	40,791	\$3.3980	\$ 138,607	35,124	\$0.8045	\$ 28,257	33,183	\$2.0194	\$ 67,011	\$			\$ 95,268
May	60,309	\$3.3980	\$ 204,931	52,191	\$0.8045	\$ 41,988	48,559	\$2.0194	\$ 98,059	\$			\$ 140,047
June	68,591	\$3.3980	\$ 233,073	60,144	\$0.8045	\$ 48,386	53,746	\$2.0194	\$ 108,534	\$			\$ 156,920
July	76,429	\$3.3980	\$ 259,704	66,775	\$0.8045	\$ 53,721	59,924	\$2.0194	\$ 121,010	\$			\$ 174,731
August	72,675	\$3.3980	\$ 246,948	62,368	\$0.8045	\$ 50,175	59,699	\$2.0194	\$ 120,556	\$			\$ 170,732
September	66,902	\$3.3980	\$ 227,332	58,280	\$0.8045	\$ 46,886	53,004	\$2.0194	\$ 107,037	\$			\$ 153,923
October	53,678	\$3.3980	\$ 182,397	47,599	\$0.8045	\$ 38,293	40,266	\$2.0194	\$ 81,314	\$			\$ 119,607
November	55,487	\$3.3980	\$ 188,544	48,797	\$0.8045	\$ 39,257	42,646	\$2.0194	\$ 86,120	\$			\$ 125,377
December	57,327	\$3.3980	\$ 194,796	50,075	\$0.8045	\$ 40,287	44,063	\$2.0194	\$ 88,981	\$			\$ 129,269
Total	715,051	\$ 3.3980	\$ 2,429,743	626,055	\$ 0.8045	\$ 503,663	560,105	\$ 2.0194	\$ 1,131,077	\$			\$ 1,634,740

Add Extra Host Here (I) (if needed)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
February		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
March		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
April		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
May		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
June		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
July		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
August		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
September		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
October		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
November		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
December		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (II) (if needed)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
February		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
March		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
April		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
May		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
June		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
July		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
August		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
September		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
October		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
November		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
December		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	126,893	\$ 3.6937	\$ 468,704	124,314	\$ 0.9053	\$ 112,544	117,904	\$ 2.2189	\$ 261,618	\$			\$ 374,162
February	125,275	\$ 3.6923	\$ 462,547	123,455	\$ 0.9048	\$ 111,701	116,959	\$ 2.2181	\$ 259,422	\$			\$ 371,123
March	119,432	\$ 3.6875	\$ 440,404	118,844	\$ 0.9039	\$ 107,421	112,064	\$ 2.2172	\$ 248,469	\$			\$ 355,890
April	93,393	\$ 3.6920	\$ 344,807	95,207	\$ 0.9089	\$ 86,538	93,266	\$ 2.2195	\$ 207,004	\$			\$ 293,542
May	154,304	\$ 3.7160	\$ 573,391	149,256	\$ 0.9121	\$ 136,141	145,624	\$ 2.2264	\$ 324,221	\$			\$ 460,362
June	171,587	\$ 3.7113	\$ 638,817	168,778	\$ 0.9110	\$ 153,761	162,380	\$ 2.2272	\$ 361,651	\$			\$ 515,412
July	190,255	\$ 3.7103	\$ 705,902	186,038	\$ 0.9106	\$ 169,406	179,187	\$ 2.2261	\$ 398,893	\$			\$ 568,299
August	186,957	\$ 3.7171	\$ 694,934	181,084	\$ 0.9130	\$ 165,330	178,415	\$ 2.2261	\$ 397,165	\$			\$ 562,494
September	165,593	\$ 3.7091	\$ 614,201	159,215	\$ 0.9094	\$ 144,793	153,939	\$ 2.2231	\$ 342,215	\$			\$ 487,008
October	126,163	\$ 3.7014	\$ 474,378	125,323	\$ 0.9071	\$ 113,686	117,690	\$ 2.2240	\$ 262,411	\$			\$ 376,096
November	130,972	\$ 3.6969	\$ 484,445	129,038	\$ 0.9074	\$ 117,091	122,887	\$ 2.2222	\$ 273,082	\$			\$ 390,172
December	135,110	\$ 3.6985	\$ 499,705	135,273	\$ 0.9087	\$ 122,929	129,261	\$ 2.2241	\$ 287,493	\$			\$ 410,422
Total	1,727,932	\$ 3.70	\$ 6,400,236	1,695,826	\$ 0.91	\$ 1,541,341	1,629,876	\$ 2.22	\$ 3,623,643	\$			\$ 5,164,984

Low Voltage Switchgear Credit (if applicable)													\$ -
Total including deduction for Low Voltage Switchgear Credit													\$ 5,164,984

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this sheet is to calculate the expected billing when current 2021 Uniform Transmission Rates are applied against historical 2020 transmission units.

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	71,879	\$ 4.6700	\$ 335,675	75,732	\$ 0.7700	\$ 58,314	75,732	\$ 2.5300	\$ 191,602	\$ 249,916			
February	70,621	\$ 4.6700	\$ 329,800	74,810	\$ 0.7700	\$ 57,604	74,810	\$ 2.5300	\$ 189,269	\$ 246,873			
March	66,236	\$ 4.6700	\$ 309,322	71,370	\$ 0.7700	\$ 54,955	71,370	\$ 2.5300	\$ 180,566	\$ 235,521			
April	52,602	\$ 4.6700	\$ 245,651	60,083	\$ 0.7700	\$ 46,264	60,083	\$ 2.5300	\$ 152,010	\$ 190,274			
May	93,995	\$ 4.6700	\$ 438,957	97,065	\$ 0.7700	\$ 74,740	97,065	\$ 2.5300	\$ 245,574	\$ 320,315			
June	102,996	\$ 4.6700	\$ 480,991	108,634	\$ 0.7700	\$ 83,648	108,634	\$ 2.5300	\$ 274,844	\$ 358,492			
July	113,826	\$ 4.9000	\$ 557,747	119,263	\$ 0.8100	\$ 96,603	119,263	\$ 2.6500	\$ 316,047	\$ 412,650			
August	114,282	\$ 4.9000	\$ 559,982	118,716	\$ 0.8100	\$ 96,160	118,716	\$ 2.6500	\$ 314,597	\$ 410,757			
September	98,691	\$ 4.9000	\$ 483,586	100,935	\$ 0.8100	\$ 81,757	100,935	\$ 2.6500	\$ 267,478	\$ 349,235			
October	74,485	\$ 4.9000	\$ 364,977	77,724	\$ 0.8100	\$ 62,956	77,724	\$ 2.6500	\$ 205,969	\$ 268,925			
November	75,485	\$ 4.9000	\$ 369,877	80,241	\$ 0.8100	\$ 64,995	80,241	\$ 2.6500	\$ 212,639	\$ 277,634			
December	77,783	\$ 4.9000	\$ 381,137	85,198	\$ 0.8100	\$ 69,010	85,198	\$ 2.6500	\$ 225,775	\$ 294,785			
Total	1,012,881	\$ 4.80	\$ 4,857,701	1,069,771	\$ 0.79	\$ 847,007	1,069,771	\$ 2.60	\$ 2,776,370	\$ 3,623,377			

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	55,014	\$ 3.4778	\$ 191,328	48,582	\$ 0.8128	\$ 39,488	42,172	\$ 2.0458	\$ 86,276	\$ 125,763			
February	54,654	\$ 3.4778	\$ 190,074	48,645	\$ 0.8128	\$ 39,539	42,149	\$ 2.0458	\$ 86,228	\$ 125,766			
March	53,196	\$ 3.4778	\$ 185,004	47,474	\$ 0.8128	\$ 38,587	40,694	\$ 2.0458	\$ 83,251	\$ 121,837			
April	40,791	\$ 3.4778	\$ 141,863	35,124	\$ 0.8128	\$ 28,549	33,183	\$ 2.0458	\$ 67,887	\$ 96,435			
May	60,309	\$ 3.4778	\$ 209,744	52,191	\$ 0.8128	\$ 42,421	48,559	\$ 2.0458	\$ 99,341	\$ 141,762			
June	68,591	\$ 3.4778	\$ 238,547	60,144	\$ 0.8128	\$ 48,865	53,746	\$ 2.0458	\$ 109,953	\$ 158,838			
July	76,429	\$ 3.4778	\$ 265,803	66,775	\$ 0.8128	\$ 54,275	59,924	\$ 2.0458	\$ 122,592	\$ 176,867			
August	72,675	\$ 3.4778	\$ 252,748	62,368	\$ 0.8128	\$ 50,693	59,699	\$ 2.0458	\$ 122,132	\$ 172,825			
September	66,902	\$ 3.4778	\$ 232,671	58,280	\$ 0.8128	\$ 47,370	53,004	\$ 2.0458	\$ 108,436	\$ 155,806			
October	53,678	\$ 3.4778	\$ 186,681	47,599	\$ 0.8128	\$ 38,688	40,266	\$ 2.0458	\$ 82,377	\$ 121,065			
November	55,487	\$ 3.4778	\$ 192,972	48,797	\$ 0.8128	\$ 39,662	42,646	\$ 2.0458	\$ 87,246	\$ 126,908			
December	57,327	\$ 3.4778	\$ 199,370	50,075	\$ 0.8128	\$ 40,701	44,063	\$ 2.0458	\$ 90,145	\$ 130,846			
Total	715,051	\$ 3.48	\$ 2,486,804	626,055	\$ 0.81	\$ 508,857	560,105	\$ 2.05	\$ 1,145,864	\$ 1,654,721			

Add Extra Host Here (I)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (II)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	126,893	\$ 4.1531	\$ 527,003	124,314	\$ 0.7867	\$ 97,801	117,904	\$ 2.3568	\$ 277,878	\$ 375,679			
February	125,275	\$ 4.1499	\$ 519,874	123,455	\$ 0.7869	\$ 97,142	116,959	\$ 2.3555	\$ 275,497	\$ 372,639			
March	119,432	\$ 4.1390	\$ 494,326	118,844	\$ 0.7871	\$ 93,541	112,064	\$ 2.3542	\$ 263,817	\$ 357,358			
April	93,393	\$ 4.1493	\$ 387,514	95,207	\$ 0.7858	\$ 74,813	93,266	\$ 2.3577	\$ 219,897	\$ 294,709			
May	154,304	\$ 4.2040	\$ 648,700	149,256	\$ 0.7850	\$ 117,161	145,624	\$ 2.3685	\$ 344,916	\$ 462,077			
June	171,587	\$ 4.1934	\$ 719,538	168,778	\$ 0.7853	\$ 132,533	162,380	\$ 2.3697	\$ 384,797	\$ 517,331			
July	190,255	\$ 4.3287	\$ 823,551	186,038	\$ 0.8110	\$ 150,878	179,187	\$ 2.4479	\$ 438,639	\$ 589,517			
August	186,957	\$ 4.3472	\$ 812,729	181,084	\$ 0.8110	\$ 146,853	178,415	\$ 2.4478	\$ 436,730	\$ 583,583			
September	165,593	\$ 4.3254	\$ 716,257	159,215	\$ 0.8110	\$ 129,127	153,939	\$ 2.4420	\$ 375,914	\$ 505,041			
October	128,163	\$ 4.3043	\$ 551,657	125,323	\$ 0.8111	\$ 101,645	117,990	\$ 2.4438	\$ 288,345	\$ 389,990			
November	130,972	\$ 4.2975	\$ 562,848	129,038	\$ 0.8111	\$ 104,657	122,887	\$ 2.4403	\$ 299,885	\$ 404,542			
December	135,110	\$ 4.2966	\$ 580,507	135,273	\$ 0.8110	\$ 109,712	129,261	\$ 2.4440	\$ 315,919	\$ 425,631			
Total	1,727,932	\$ 4.25	\$ 7,344,505	1,695,826	\$ 0.80	\$ 1,355,864	1,629,876	\$ 2.41	\$ 3,922,234	\$ 5,278,098			

Low Voltage Switchgear Credit (if applicable)													\$ -
Total including deduction for Low Voltage Switchgear Credit													\$ 5,278,098

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2022 Uniform Transmission Rates are applied against historical 2020 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	71,879	\$ 4.9000	\$ 352,207	75,732	\$ 0.8100	\$ 61,343	75,732	\$ 2.6500	\$ 200,890	\$ 262,033
February	70,621	\$ 4.9000	\$ 346,043	74,810	\$ 0.8100	\$ 60,596	74,810	\$ 2.6500	\$ 198,247	\$ 258,843
March	66,236	\$ 4.9000	\$ 324,556	71,370	\$ 0.8100	\$ 57,810	71,370	\$ 2.6500	\$ 189,131	\$ 246,940
April	52,602	\$ 4.9000	\$ 257,750	60,083	\$ 0.8100	\$ 48,667	60,083	\$ 2.6500	\$ 159,220	\$ 207,887
May	93,995	\$ 4.9000	\$ 460,576	97,065	\$ 0.8100	\$ 78,623	97,065	\$ 2.6500	\$ 257,222	\$ 335,845
June	102,996	\$ 4.9000	\$ 504,680	108,534	\$ 0.8100	\$ 87,994	108,534	\$ 2.6500	\$ 287,880	\$ 375,874
July	113,826	\$ 4.9000	\$ 557,747	119,263	\$ 0.8100	\$ 96,603	119,263	\$ 2.6500	\$ 316,047	\$ 412,650
August	114,282	\$ 4.9000	\$ 559,982	118,716	\$ 0.8100	\$ 96,160	118,716	\$ 2.6500	\$ 314,597	\$ 410,757
September	98,691	\$ 4.9000	\$ 483,586	100,935	\$ 0.8100	\$ 81,757	100,935	\$ 2.6500	\$ 267,478	\$ 349,235
October	74,485	\$ 4.9000	\$ 364,977	77,724	\$ 0.8100	\$ 62,956	77,724	\$ 2.6500	\$ 205,969	\$ 268,925
November	75,485	\$ 4.9000	\$ 369,877	80,241	\$ 0.8100	\$ 64,995	80,241	\$ 2.6500	\$ 212,639	\$ 277,634
December	77,783	\$ 4.9000	\$ 381,137	85,198	\$ 0.8100	\$ 69,010	85,198	\$ 2.6500	\$ 225,775	\$ 294,785
<b>Total</b>	<b>1,012,881</b>	<b>\$ 4.90</b>	<b>\$ 4,963,117</b>	<b>1,069,771</b>	<b>\$ 0.81</b>	<b>\$ 866,515</b>	<b>1,069,771</b>	<b>\$ 2.65</b>	<b>\$ 2,834,893</b>	<b>\$ 3,701,408</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	55,014	\$ 3.4778	\$ 191,328	48,582	\$ 0.8128	\$ 39,488	42,172	\$ 2.0458	\$ 86,276	\$ 125,763
February	54,654	\$ 3.4778	\$ 190,074	48,645	\$ 0.8128	\$ 39,539	42,149	\$ 2.0458	\$ 86,228	\$ 125,766
March	53,196	\$ 3.4778	\$ 185,004	47,474	\$ 0.8128	\$ 38,587	40,894	\$ 2.0458	\$ 83,251	\$ 121,837
April	40,791	\$ 3.4778	\$ 141,863	35,124	\$ 0.8128	\$ 28,549	33,183	\$ 2.0458	\$ 67,887	\$ 96,435
May	60,309	\$ 3.4778	\$ 209,744	52,191	\$ 0.8128	\$ 42,421	48,559	\$ 2.0458	\$ 99,341	\$ 141,762
June	68,591	\$ 3.4778	\$ 238,547	60,144	\$ 0.8128	\$ 48,885	53,746	\$ 2.0458	\$ 109,953	\$ 158,838
July	76,429	\$ 3.4778	\$ 265,803	66,775	\$ 0.8128	\$ 54,275	59,924	\$ 2.0458	\$ 122,592	\$ 176,867
August	72,675	\$ 3.4778	\$ 252,748	62,368	\$ 0.8128	\$ 50,693	59,699	\$ 2.0458	\$ 122,132	\$ 172,825
September	66,902	\$ 3.4778	\$ 232,671	58,280	\$ 0.8128	\$ 47,370	53,004	\$ 2.0458	\$ 108,436	\$ 155,806
October	53,578	\$ 3.4778	\$ 185,681	47,569	\$ 0.8128	\$ 38,689	40,266	\$ 2.0458	\$ 82,377	\$ 121,065
November	55,487	\$ 3.4778	\$ 192,972	48,797	\$ 0.8128	\$ 39,662	42,646	\$ 2.0458	\$ 87,246	\$ 126,908
December	57,327	\$ 3.4778	\$ 199,370	50,075	\$ 0.8128	\$ 40,701	44,063	\$ 2.0458	\$ 90,145	\$ 130,846
<b>Total</b>	<b>715,051</b>	<b>\$ 3.48</b>	<b>\$ 2,486,804</b>	<b>626,055</b>	<b>\$ 0.81</b>	<b>\$ 508,857</b>	<b>560,105</b>	<b>\$ 2.05</b>	<b>\$ 1,145,864</b>	<b>\$ 1,654,721</b>

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	126,893	\$ 4.28	\$ 543,535	124,314	\$ 0.81	\$ 100,830	117,904	\$ 2.43	\$ 286,966	\$ 387,796
February	125,275	\$ 4.28	\$ 536,117	123,455	\$ 0.81	\$ 100,135	116,959	\$ 2.43	\$ 284,474	\$ 384,609
March	119,432	\$ 4.27	\$ 509,561	118,844	\$ 0.81	\$ 96,396	112,064	\$ 2.43	\$ 272,381	\$ 368,778
April	93,393	\$ 4.28	\$ 399,612	95,207	\$ 0.81	\$ 77,216	93,266	\$ 2.44	\$ 227,107	\$ 304,323
May	154,304	\$ 4.34	\$ 670,319	149,256	\$ 0.81	\$ 121,044	145,624	\$ 2.45	\$ 356,564	\$ 477,607
June	171,587	\$ 4.33	\$ 743,227	168,778	\$ 0.81	\$ 136,879	162,380	\$ 2.45	\$ 397,833	\$ 534,712
July	190,255	\$ 4.33	\$ 823,551	186,038	\$ 0.81	\$ 150,878	179,187	\$ 2.45	\$ 438,639	\$ 589,517
August	186,957	\$ 4.35	\$ 812,729	181,084	\$ 0.81	\$ 146,853	178,415	\$ 2.45	\$ 436,730	\$ 583,583
September	165,593	\$ 4.33	\$ 716,257	159,215	\$ 0.81	\$ 129,127	153,939	\$ 2.44	\$ 375,914	\$ 505,041
October	128,163	\$ 4.30	\$ 551,657	125,323	\$ 0.81	\$ 101,645	117,990	\$ 2.44	\$ 288,345	\$ 389,990
November	130,972	\$ 4.30	\$ 569,848	129,037	\$ 0.81	\$ 104,567	122,867	\$ 2.44	\$ 299,885	\$ 404,542
December	135,110	\$ 4.30	\$ 580,507	135,273	\$ 0.81	\$ 109,712	129,261	\$ 2.44	\$ 315,919	\$ 425,631
<b>Total</b>	<b>1,727,932</b>	<b>\$ 4.31</b>	<b>\$ 7,449,921</b>	<b>1,695,826</b>	<b>\$ 0.81</b>	<b>\$ 1,375,372</b>	<b>1,629,876</b>	<b>\$ 2.44</b>	<b>\$ 3,980,757</b>	<b>\$ 5,356,129</b>

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										<b>\$ 5,356,129</b>

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071	320,136,446	0	2,272,969	34.9%	2,565,029	0.0080
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	110,483,783	0	684,999	10.5%	773,017	0.0070
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7206		1,165,818	3,171,724	48.7%	3,579,268	3.0702
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8868		109,366	315,718	4.9%	356,285	3.2577
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	1,327,388	0	8,230	0.1%	9,287	0.0070
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9986		1,016	2,031	0.0%	2,291	2.2554
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9781		10,447	20,665	0.3%	23,321	2.2323
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7206		11,728	31,907	0.5%	36,007	3.0702

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

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060	320,136,446	0	1,920,819	35.4%	1,866,680	0.0058
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	110,483,783	0	574,516	10.6%	558,323	0.0051
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.2423		1,165,818	2,614,114	48.1%	2,540,434	2.1791
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.4653		109,366	269,620	5.0%	262,021	2.3958
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	1,327,388	0	6,902	0.1%	6,708	0.0051
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6853		1,016	1,712	0.0%	1,664	1.6378
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6460		10,447	17,196	0.3%	16,711	1.5996
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2423		11,728	26,298	0.5%	25,556	2.1791

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	0.0080	320,136,446	0	2,565,029	34.9%	2,601,845	0.0081
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	110,483,783	0	773,017	10.5%	784,112	0.0071
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.0702		1,165,818	3,579,268	48.7%	3,630,641	3.1142
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2577		109,366	356,285	4.9%	361,399	3.3045
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	1,327,388	0	9,287	0.1%	9,421	0.0071
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2554		1,016	2,291	0.0%	2,324	2.2878
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2323		10,447	23,321	0.3%	23,655	2.2643
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.0702		11,728	36,007	0.5%	36,524	3.1142

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	0.0058	320,136,446	0	1,866,680	35.4%	1,894,277	0.0059
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	110,483,783	0	558,323	10.6%	566,577	0.0051
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1791		1,165,818	2,540,434	48.1%	2,577,992	2.2113
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.3958		109,366	262,021	5.0%	265,894	2.4312
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	1,327,388	0	6,708	0.1%	6,807	0.0051
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6378		1,016	1,664	0.0%	1,689	1.6620
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5996		10,447	16,711	0.3%	16,958	1.6233
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1791		11,728	25,556	0.5%	25,934	2.2113





Ontario Energy Board

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator has been set at the 2021 value and will be updated by OEB staff at a later date.

Price Escalator	2.20%	Productivity Factor	0.00%
Choose Stretch Factor Group	II	Price Cap Index	2.05%
Associated Stretch Factor Value	0.15%		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	25.88				2.05%	26.41	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	32.49		0.0107		2.05%	33.16	0.0109
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	105.36		3.4895		2.05%	107.52	3.5610
LARGE USE SERVICE CLASSIFICATION	1607.72		2.4552		2.05%	1,640.68	2.5055
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	8.69		0.0015		2.05%	8.87	0.0015
SENTINEL LIGHTING SERVICE CLASSIFICATION	7.91		0.7087		2.05%	8.07	0.7232
STREET LIGHTING SERVICE CLASSIFICATION	1.2		1.0107		2.05%	1.22	1.0314
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	139.57				2.05%	142.43	0.0000
STANDBY POWER SERVICE CLASSIFICATION	**				2.05%	**	**
microFIT SERVICE CLASSIFICATION	4.55					4.55	

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

\*\*Please note Standby rates will be adjusted for PCI on Sheet 19.

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

## Regulatory Charges

Effective Date of Regulatory Charges		January 1, 2021	January 1, 2022
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, 2021
Off-Peak	\$/kWh	0.0820
Mid-Peak	\$/kWh	0.1130
On-Peak	\$/kWh	0.1700

## Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.57
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Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):	\$	36.86
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## Miscellaneous Service Charges

Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	44.50	2.20%	45.48

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	\$	104.24	2.20%	106.53
Monthly fixed charge, per retailer	\$	41.70	2.20%	42.62
Monthly variable charge, per customer, per retailer	\$/cust	1.04	2.20%	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust	0.62	2.20%	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust	(0.62)	2.20%	(0.63)
Service Transaction Requests (STR)			2.20%	-
Request fee, per request, applied to the requesting party	\$	0.52	2.20%	0.53
Processing fee, per request, applied to the requesting party	\$	1.04	2.20%	1.06
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)	\$	4.17	2.20%	4.26
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08	2.20%	2.13

\* inflation factor subject to change pending OEB approved inflation rate effective in 2021

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

\*\*\* subject to change pending OEB order on miscellaneous service charges

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

In the Green Cells below, enter all proposed rate riders/rates.  
In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with "Rate Rider for".  
In column B, choose the associated unit from the drop-down menu.  
In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.  
In column E, enter the expiry date (e.g. April 30, 2022) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).  
In column G, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B). Sub-total A refers to rates/rate riders that Not considered as pass through costs (eg. LRAMVA and ICM/ACM rate riders). Sub-total B refers to rates/rate riders that are considered pass through costs.

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)
			- 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 (e.g. April 30, 2022)
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until

LARGE USE SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)
			- 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 (e.g. April 30, 2022)
			- 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 (e.g. April 30, 2022)
			- effective until
			- 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 (e.g. April 30, 2022)
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until

STANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until

microFIT SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until

# **ATTACHMENT D**

Entegrus-Main GA Analysis Workform,  
Version 1.0

# GA Analysis Workform for 2022 Rate Applications

Version 1.0

Input cells

Drop down cells

Utility Name

ENTEGRUS POWERLINES INC.

For Account 1589 and Account 1588, determine if a or b below applies and select the appropriate year related to the account balance in the drop-down box to the right.

- a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved on a final basis.
- b) If the account balances were last approved on an interim basis, and
- i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis. OR
- ii) there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

(e.g. If the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019)

Instructions:

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the appropriate GA Analysis Workform tabs, and information in the Principal Adjustments tab and Account 1588 tab.

For example:

• Scenario a -If 2019 balances were last approved on a final basis - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

• Scenario bi - If 2019 balances were last approved on an interim basis and there are no changes to 2019 balances - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

• Scenario bii - If 2019 balances were last approved on an interim basis, there are changes to 2019 balances, and 2018 balances were last approved for disposition - Select 2018 and GA Analysis Workforms for 2019 and 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

2) Complete the GA Analysis Workform for each year generated.

3) Complete the Account 1588 tab. Note that the number of years that require the reasonability test to be completed are shown in the Account 1588 tab, depending on the year selected on the Information Sheet.

4) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in the one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of reconciling items and principal adjustments.

Year Selected

2019

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2020	\$ 345,128	\$ 203,552	\$ 225,266	\$ 428,817	\$ 83,689	\$ 28,780,934	0.3%
Cumulative Balance	\$ 345,128	\$ 203,552	\$ 225,266	\$ 428,817	\$ 83,689	\$ 28,780,934	N/A

Account 1588 Reconciliation Summary

Year	Account 1588 as a % of Account 4705
2020	0.2%

## GA Analysis Workform

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

Year		2020		
Total Metered excluding WMP	C = A+B	181,521,538	kWh	100%
RPP	A	413,233,413	kWh	49.9%
Non RPP	B = D+E	468,288,123	kWh	53.1%
Non-RPP Class A	D	229,454,769	kWh	25.2%
Non-RPP Class B*	E	238,733,354	kWh	27.9%

\*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

Note that the GA actual rates for April to June 2020 are based on the unadjusted GA rates, without the impacts of the GA deferral.

Please confirm that the adjusted GA rate was used to bill customers from April to June 2020.

For the months of April to June 2020, the IESO provided adjusted GA rates, which reflected the deferral of a portion of the GA as per the May 1, 2020 Emergency Order, and unadjusted GA rates which did not consider the GA deferral.

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

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

Note 4 **Analysis of Expected GA Amount**

Year	2020								
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 Price Variance (\$)
	F	G	H	I = F+G-H	J	K = I*J	L	M = I*L	N=M-K
January	21,068,781	21,985,861	22,728,549	21,799,469	0.08323	\$ 1,814,370	0.10232	\$ 2,230,522	\$ 416,152
February	23,802,490	22,728,549	19,572,799	20,749,709	0.12451	\$ 2,583,172	0.11331	\$ 2,350,809	\$ 232,363
March	19,478,252	19,572,799	20,414,411	20,317,654	0.10432	\$ 2,119,560	0.11942	\$ 2,425,350	\$ 305,800
April	20,154,181	20,414,411	17,324,830	17,064,580	0.13707	\$ 2,339,042	0.11500	\$ 1,962,427	\$ (376,615)
May	17,501,810	17,324,830	18,929,119	18,706,099	0.09290	\$ 1,738,358	0.11500	\$ 2,151,201	\$ 412,844
June	18,793,934	18,929,119	22,388,414	22,253,229	0.11500	\$ 2,559,121	0.11500	\$ 2,559,121	\$ -
July	15,555,870	22,388,414	31,468,870	24,636,326	0.10305	\$ 2,538,773	0.09922	\$ 2,439,489	\$ (99,284)
August	32,415,963	31,468,870	24,044,370	24,981,463	0.10232	\$ 2,557,127	0.10348	\$ 2,586,117	\$ 28,990
September	24,035,436	24,044,370	21,609,507	21,600,573	0.11573	\$ 2,499,634	0.12176	\$ 2,630,086	\$ 130,251
October	21,401,901	21,609,507	21,521,108	21,313,500	0.14954	\$ 3,187,221	0.12806	\$ 2,729,407	\$ (457,814)
November	20,625,201	21,521,108	22,191,092	21,295,297	0.11670	\$ 2,485,156	0.11705	\$ 2,499,610	\$ 14,453
December	23,389,120	22,191,092	19,855,056	21,053,108	0.10704	\$ 2,253,525	0.10558	\$ 2,222,787	\$ (30,738)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	257,808,978	264,178,898	262,044,087	265,778,167		\$ 28,675,258		\$ 28,780,934	\$ 105,676

Annual Non-RPP Class B Wholesale kWh	Annual Non-RPP Class B Retail billed kWh (excludes April to June 2020)	Annual Unaccounted for Energy Loss kWh	Weighted Average GA Actual Rate Paid (\$/kWh)**	Expected GA Volume Variance (\$)
O	P	On-D-P	R	Pa-QR
189,888,352	197,754,259	2,144,093	0.11188	\$ 239,452

\*Equal to (AGEW - Class A + embedded generation kWh)/(Non-RPP Class B retail kWh/Total retail Class B kWh). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.  
 \*\*Equal to annual Non-RPP Class B \$ GA paid (i.e. non-RPP portion of CT 148 on IESO invoice) divided by Non-RPP Class B Wholesale kWh (as quantified in column O in the table above). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

Total Expected GA Variance \$ 345,128

Calculated Loss Factor 1.0409  
 Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW 1.0432  
 Difference -0.0023

a) Please provide an explanation in the text box below if columns G and H for unbilled consumption are not used in the table above.

No applicable

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

Not applicable

Note 5 **Reconciling Items**

Item	Amount	Explanation	Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 203,552		Principal Adjustment on OVA Continuity Schedule
CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ -	Reversal from 2019 GA Analysis Workform	Yes
CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ 14,874		Yes
Remove prior year end unbilled to actual revenue differences	\$ 6,878	Reversal from 2019 GA Analysis Workform	Yes
Add current year end unbilled to actual revenue differences	\$ (2,838)		Yes
Significant prior period billing adjustments recorded in current year			
Significant current period billing adjustments recorded in prior year(s)			
CT 2148 for prior period corrections			
5 Impacts of GA deferral	\$ 177,040	GA Deferral Impact due to rates freeze from Apr - June. See Application (Manager's Summary) for additional	No
6 GA Allocation True Up	\$ 38,891	GA Allocation True Up based on Actual invoiced amounts. Offset in Commodity. Relates to 2020, booked to	Yes
7 Hyatt One Purchase True Up	\$ (9,578)	Hyatt One Purchase True Up based on Actual invoiced amounts. Offset in Commodity. Relates to 2020, booked to	Yes
8			
9			
10			
11			

Note 6 **Adjusted Net Change in Principal Balance in the GL**  
 Net Change in Expected GA Balance in the Year Per Analysis \$ 345,128  
 Unresolved Difference \$ 83,689  
 Unresolved Difference as % of Expected GA Payments to IESO 0.3%



## Account 1588 Reasonability

Note 7 **Account 1588 Reasonability Test**

Year	Account 1588 - RSVA Power			Account 4705 - Power Purchased	Account 1588 as % of Account 4705
	Transactions <sup>1</sup>	Principal Adjustments <sup>1</sup>	Total Activity in Calendar Year		
2020	314,419	- 64,318	250,101	106,467,933	0.2%
Cumulative	314,419	- 64,318	250,101	106,467,933	0.2%

**Notes**

- 1) The transactions should equal the "Transaction" column in the DVA Continuity Schedule. This is also expected to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Principal adjustments should equal the "Principal Adjustments" column in the DVA Continuity Schedule. Principal adjustments adjust the transactions in the general ledger to the amount that should be requested for disposition.

# GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

Breakdown of principal adjustments included in last approved balance:

Account 1589 - RSVA Global Adjustment			
Adjustment Description		Amount	To be reversed in current application?
1	Reversal of 2018 unbilled to actual revenue differences	(4,658)	No
2	Reversal of 2018 CT148 True up of GA Charges	25,352	No
3	Reversal of 2017 Allocation Adjustment (EB-2018-0024)	14,458	No
4	2019 CT 148 true-up of GA Charges based on actual Non-RPP		Yes
5	2019 Unbilled to actual revenue differences	(6,876)	Yes
6			
7			
8			
Total		28,275	
Total principal adjustments included in last approved balance		28,275	
Difference		0	

Account 1588 - RSVA Power			
Adjustment Description		Amount	To be Reversed in Current Application?
1	2018 Unbilled to actual revenue differences	(19,696)	No
2	CT 1142 true-up based on actuals	(2,228)	Yes
3	Unbilled to actual revenue differences	(60,520)	Yes
4	Hydro One purchase true up	(426)	Yes
5	Reversal of 2017 Allocation Adjustment (EB-2018-0024)	(14,458)	No
6			
7			
8			
Total		(97,328)	
Total principal adjustments included in last approved balance		(97,328)	
Difference		0	

Principal adjustment reconciliation in current application:

Notes

- 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
- 3) The "Variance RRR vs. 2020 Balance" column in the DVA Continuity Schedule should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.
- 4) Principal adjustments to the pro-ration of CT 148 true-ups (i.e. principal adjustment #1 in tables below) are expected to be equal and offsetting between Account 1588 and Account 1589, if not, please explain. If this results in further adjustments to RPP settlements, this should be shown separately as a principal adjustment to CT 1142/142 (i.e. principal adjustment #2 in tables below)

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

Account 1589 - RSVA Global Adjustment		
Adjustment Description	Amount	Year Recorded in GL
Reversals of prior approved principal adjustments (auto-populated from table above)		
1		
2		
3		
4	2019 CT 148 true-up of GA Charges based on actual Non-RPP	2020
5	2019 Unbilled to actual revenue differences	2020
6		
7		
8		
Total Reversal Principal Adjustments		6,876
Current year principal adjustments		
1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	2021
2	Unbilled to actual revenue differences	2021
3	Hydro One Purchase True Up Tilbury Short Term Load Transfer	2021
4		
5		
6		
7		
8		
Total Current Year Principal Adjustments		41,350
Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model		48,226

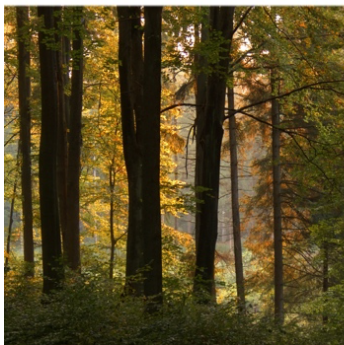
Year	Account 1588 - RSVA Power		
	Adjustment Description	Amount	Year Recorded in GL
2019	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2	CT 1142 true-up based on actuals	2,020
	3	Unbilled to actual revenue differences	2,020
	4	Hydro One purchase true up	2,020
	5		
	6		
	7		
	8		
Total Reversal Principal Adjustments		63,174	
2020	Current year principal adjustments		
	1	CT 148 true-up of GA Charges based on actual RPP volumes	2,021
	2	CT 1142/142 true-up based on actuals	2,021
	3	Unbilled to actual revenue differences	2,021
	4	Hydro One Purchase True Up Tilbury Short Term Load Transfer	2,021
	5		
	6		
	7		
	8		
Total Current Year Principal Adjustments		(127,491)	
Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model		(64,318)	



# **ATTACHMENT E**

LRAMVA Report, Prepared by IndEco  
Strategic Consulting

## Entegrus Powerlines Inc. 2019 -2020 LRAMVA



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

*2019-2020*



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

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IndEco Strategic Consulting Inc. 2021

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IndEco report C1181

17 August 2021

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## 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 2018, but not for 2019 or later 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.”<sup>2</sup> 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

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

<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 and later. On June 24, 2021, the OEB released an updated *Filing Requirements for Electricity Distribution Rate Applications – 2021 Edition for 2022 Rate Applications* which instructs LDCs to base savings subsequent to the 2017 final verified report on the IESO Participation and Cost (P&C) Reports and detailed project level savings files. The final P&C report for Entegrus was issued in April 2019. This is used to determine the 2018 and 2019 savings and additional true-ups for earlier years. In addition, IESO provided a detailed report on the projects that made up the values in the P&C report that included net energy savings and gross demand savings by project.

Several 2018 and 2019 projects were completed subsequent to the P&C report. Gross reported savings for these were captured in the Entegrus CDM database. These were converted to net values using the most recent verified net-to-gross (NTG) and Realization Rate (RR) factors for Entegrus which are included in the 2017 final results report.

Entegrus already submitted claims for lost revenues from CDM programs and persistence through 2018 in both the Main and St. Thomas rate zones in its 2021 IRM (EB-2020-0015). 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 in 2019 and persistence in 2019 and 2020 in Entegrus' 2022 rate case (EB-2021-0017).

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

- Lost revenues in 2019 and 2020 related to programs offered in 2013-2019 in Entegrus-St. Thomas,
- Lost revenues in 2019 and 2020 related to programs offered in 2014-2019 in Entegrus-Main.

Carrying charges are calculated until December 31, 2021 for Entegrus-St Thomas and until April 30, 2022 for Entegrus-Main, after which new rates come into effect.

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## Methodology

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

$$LR = (\text{CDM results} - \text{CDM results in the load forecast}) * \text{rate}$$

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

Historically, the IESO performed evaluations of all of its programs, which examined *reported* energy savings from the programs, and the realization rate (RR). From those, it calculated *gross* energy savings by program. *Net* energy savings are calculated by multiplying gross energy savings by the net-to-gross ratio (NTG). Net peak load demand reductions are also calculated and reported in the same way. For some programs, notably non-residential programs, the IESO calculates gross and net energy at the project level.

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

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

With the cessation of annual reporting in March 2019, the best available data on savings realized since the release of the 2017 Final Verified Savings Report are from the IESO April 2019 Participation and Cost Report, and Entegrus' CDM database for projects completed after those captured in the P&C 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 by year of net energy and net demand for 2015, 2016 and 2017 programs to beyond 2030. Supplementary data provided by the IESO includes annual persistence of net energy and net demand of 2013 and 2014 programs, and annual persistence to 2020 of net energy of post-2017 adjustments to 2016 and 2017 results, and 2018 and 2019 savings captured in the P&C report.

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<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.



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.

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

Only reported demand savings are available for projects completed subsequent to the 2017 final results report. That includes both projects captured in the P&C report, and post-P&C projects captured in the Entegrus CDM database. These reported values were converted to net values using the net-to-gross values and realization rates in the 2017 final verified results report.

#### *Determining net energy savings for data subsequent to the P&C report*

Entegrus databases contain gross energy savings for individual projects. These were converted to net values using the energy net-to-gross values and realization rates in the 2017 final verified results report.

#### *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, the split across rate classes is calculated drawing on project-specific information. Rate classes and rate zones were specified for each project, and then total share of energy savings and demand savings were calculated for each program. Programs billed by kWh used the share of total energy savings; programs billed by kW used the share of total demand savings.

#### *Allocating results to rate zones*

In the IESO April 2019 Participation and Cost report, 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 as reported in the 2017 OEB Electricity Distributor's Yearbook, the most recent year in which the two rate zones were shown separately. 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 reported 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 net energy savings are used to calculate lost revenues related to CDM results. For customer classes where the LDC charges for distribution are based on the customer's peak monthly demand (kW), the IESO reported net demand reductions are used to calculate lost revenues related to CDM results.<sup>4</sup> 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."<sup>5</sup>

No lost revenues are claimed for demand response programs, consistent with OEB policy.<sup>6</sup> In addition, no lost revenues are claimed for cogeneration projects after 2015 when Entegrus-Main established standby charges that remove the need for an LRAMVA on those projects.

### *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

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<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>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>6</sup> Ibid. p. 7.

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 2019, distribution rates for Entegrus-Main were the 2018 rates for January to April, and the 2019 rates for the rest of the year. To compare with the calendar year CDM results, an average calendar year rate was calculated. Entegrus-St. Thomas rates in 2019 were set for the calendar year, consistent with the way that CDM results are reported. Distribution rates in 2020 are calculated in the same way.

### **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.

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## 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 through 2017 except some 2015 and 2016 adjustments and all 2017 adjustments. The most recent IESO Participation and Cost report was used to determine savings for those 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.

Results for 2018 and 2019 consist of 2018 and 2019 net energy results from the P&C report, and net values for post-P&C projects calculated from reported results as described above. In 2019, Entegrus offered three programs that it did not offer in 2017: Business Refrigeration, High Performance New Construction, and New Home Construction. For these programs, provincial NTGs and RRs were applied to the reported results to calculate net results.

#### *Street lighting projects*

As described in Entegrus' previous LRAMVA disposition application, in 2014, 2015, 2016 and 2017, 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 2018, and additional fixtures were upgraded in 2018.

The IESO has provided the calculated kilowatt hours (kWh) of energy savings from Entegrus' 2014, 2015, 2016 and 2017 street lighting project results. In 2014 and 2018, 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.

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 2018 as the projects were implemented. Details are shown on Tab 8 of the LRAMVA work form. The kW reductions are calculated based on associated bills that

were adjusted by these amounts. A net-to-gross adjustment is applied to the bill reductions reported. The calculated net demand reduction of the streetlight retrofit projects from December 2014 to December 2018 is shown on Tab 8 of the LRAMVA work form, along with persistence in 2019 and 2020.

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 Retrofit results are reported separately for street lighting and other projects on the work form. Demand reductions for these projects is from the calculations on Tab 8 of the workform.

There is persistence from the 2014 to 2017 street lighting 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
- 2017 project in Chatham-Kent in the Entegrus-Main rate zone: 3580 kW.

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

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.

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*

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

Entegrus bills customers in different rate classes using different volumetric units, either kilowatt-hours (kWh), or customer peak monthly kilowatts (kW). In 2019 and 2020 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)

Tables 4c, 4d, 5a, 5b, 5c, 5d and 5e of the LRAMVA work form show the percentage allocation by rate class for each program. The rate class allocation percentage totals for each program may not add up to 100% where there were projects in multiple rate classes that use different volumetric units for billing. In those cases, individual projects were reviewed and the share of total kWh for projects was calculated for rate classes billed by kWh, and the share of total kW for projects was calculated for rate classes billed by kW. The calculations for the 2019 projects are shown on Tab 3a of the workform.

### *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 2013-2015 for Entegrus-St. Thomas and 2014 to 2016 for Entegrus-Main.

### *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 Tables 5e and 5g of the LRAMVA work form shows the overall impact of CDM on load by rate class for 2019 and 2020 respectively, 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. As discussed, for Entegrus-Main the 2019 rates used are a blend of the 2018 rates for January to April, and the 2019 rates for May to December. For Entegrus-St. Thomas, the 2019 rate year was based on the calendar year. Table 3a of the LRAMVA work form shows the rates used for calculating the 2019 and 2020 LRAMVA.

### *LOST REVENUES*

The lost revenues for 2019 and 2020 by rate class for Entegrus calculated from CDM program results are shown in Table 1 of the LRAMVA work form. The lost revenue is based on the load impact for each rate class multiplied by the rate for that rate class. The load impact includes the impact of CDM programs in 2019 and the persistence of the CDM program impact from 2014-2018 in 2019 and 2020 for Entegrus-Main, and for persistence of the CDM program impact from 2013-2018 in 2019 and 2020 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 Table 6-a of the LRAMVA work form. The carrying charges are reported monthly, from the time the lost revenues resulted, through to December 31, 2021 for Entegrus-St. Thomas and through April 30, 2022 for Entegrus-Main.

Carrying charges are calculated using the rates specified by the Ontario Energy Board through the first quarter of 2021. Rates from April 2021 through April 2022 are assumed to be the same as those for Q1 of 2021.



## Conclusions

The LRAMVA balance at the end of December 2020, with carrying charges to December 31, 2021 and April 30, 2022 for Entegrus-St. Thomas and Entegrus-Main respectively is \$783,933. The breakdown by rate zone and rate class follows.

The balance for Entegrus-Main that includes results from the 2019 CDM programs and the persistence of 2014-2019 programs in 2019 and 2020 is \$665,297.00. This includes carrying charges on the principal LRAMVA balance accumulated to April 30, 2022 of \$12,662.

The LRAMVA balance at the end of December 2020 for Entegrus-St. Thomas that includes results from 2019 CDM programs and the persistence of 2013-2019 programs in 2019 and 2020 is \$118,637. This includes carrying charges on the principal LRAMVA balance accumulated to December 31, 2020 of \$2,110.

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

Customer class	Principal (\$)	Carrying charges (\$)	Total LRAMVA claim (\$)
Main - Residential	10,570.42	331.89	10,902.30
Main - GS<50 kW	90,132.33	1,738.28	91,870.61
Main - GS 50 to 4,999 kW	522,559.71	10,027.72	532,587.43
Main - Large use	8,901.77	171.29	9,073.07
Main - Streetlighting	20,471.21	392.38	20,863.59
<b>Main - Subtotal</b>	<b>652,635.44</b>	<b>12,661.56</b>	<b>665,297.00</b>
STEI - Residential	-	-	-
STEI - GS<50 kW	46,642.93	844.99	47,487.92
STEI - GS 50 to 4,999 kW	69,737.29	1,262.36	70,999.65
STEI - Streetlighting	146.24	2.65	148.89
STEI - Sentinel	-	-	-
<b>St. Thomas - Subtotal</b>	<b>116,526.47</b>	<b>2,110.00</b>	<b>118,636.47</b>
<b>Total</b>	<b>769,161.90</b>	<b>14,771.56</b>	<b>783,933.47</b>





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# **ATTACHMENT F**

LRAMVA Workform, Version 1.0



Ontario Energy Board

# Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 6.0 (2022)

## Generic LRAMVA Work Forms

Worksheet Name	Description
<a href="#">1. LRAMVA Summary</a>	<b>Tables 1-a and 1-b</b> provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. The balances are populated from entries into other tabs throughout this work form.
<a href="#">1-a. Summary of Changes</a>	<b>Tables A-1 and A-2</b> include a template for LDCs to summarize changes to the LRAMVA work form.
<a href="#">2. LRAMVA Threshold</a>	<b>Tables 2-a, 2-b and 2-c</b> include the LRAMVA thresholds and allocations by rate class.
<a href="#">3. Distribution Rates</a>	<b>Tables 3-a and 3-b</b> include the distribution rates that are used to calculate lost revenues.
<a href="#">4. 2011-2014 LRAM</a>	<b>Tables 4-a, 4-b, 4-c and 4-d</b> include the template 2011-2014 LRAMVA work forms.
<a href="#">5. 2015-2020 LRAM</a>	<b>Tables 5-a, 5-b, 5-c and 5-d</b> include the template 2015-2020 LRAMVA work forms.
<a href="#">6. Carrying Charges</a>	<b>Table 6-b</b> includes the variance on carrying charges related to the LRAMVA disposition.
<a href="#">7. Persistence Report</a>	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
<a href="#">8. Streetlighting</a>	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report (i.e., streetlighting projects).

*This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.*

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



## LRAMVA Work Form: Instructions

Version 6.0 (2022)

Tab	Instructions
<b>LRAMVA Checklist/Schematic Tab</b>	<p>The LRAMVA work form was created in a generic manner for use by all LDCs. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below:</p> <ul style="list-style-type: none"> <li>o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a.</li> <li>o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form.</li> <li>o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved.</li> <li>o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO.</li> <li>o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form.</li> <li>o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable.</li> <li>o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.</li> </ul>
<b>Tab 1. LRAMVA Summary</b>	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
<b>Tab 1-a. Summary of Changes</b>	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
<b>Tab 2. LRAMVA Threshold</b>	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
<b>Tab 3. Distribution Rates</b>	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
<b>Tabs 4 and 5 (2011-2020)</b>	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> <li>o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO.</li> <li>o Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table.</li> <li>o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used.</li> <li>o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change.</li> <li>o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.</li> </ul>
<b>Tab 6. Carrying Charges</b>	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
<b>Tab 7. Persistence Report</b>	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
<b>Tab 8. Streetlighting</b>	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).



## LRAMVA Work Form: Checklist and Schematic

Version 6.0 (2022)

### General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results and Participation and Cost Report. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

**LRAMVA (\$) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance**

### Legend

Drop Down List (Blue)

### Important Checklist

	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
	o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
	o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
	o Apply the IESO verified savings adjustments to the year it relates to.
	o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
<b>Actual Incremental CDM Savings by Initiative</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
<b>+/- IESO Verified Savings Adjustments</b>	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
<b>+ Initiative Level Savings Persistence</b>	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
<b>x Allocation % to Rate Class</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
<b>Actual Lost Revenues (kWh and kW) by Rate Class</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
<b>- Forecast Lost Revenues (kWh and kW) by Rate Class</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
<b>x Distribution Rate by Rate Class</b>	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
<b>LRAMVA (\$) by Rate Class</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
<b>+ Carrying Charges (\$) by Rate Class</b>	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
<b>Total LRAMVA (\$) by Rate Class</b>	Tab "1. LRAMVA Summary"			

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

LDC Name

Entegrus Powerlines Inc.

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		B. Current LRAMVA Application		C. Documentation of Changes	
Previous LRAMVA Application (EBI)	EB-2020-0015	Current LRAMVA Application (EBI)	EB-2021-0017	Original Amount	
Application of Previous LRAMVA Claim	2021 IRM	Application of Current LRAMVA Claim	2022 Price Cap IR	Amount for Final Disposition	
Period of LRAMVA Claimed in Previous Application	2016	Period of New LRAMVA in this Application	2019-2020		
Amount of LRAMVA Claimed in Previous Application	\$ 419,723.00	Period of Rate Recovery (# years)	1		
		Actual Lost Revenues (\$)	A	\$	1,041,264
		Forecast Lost Revenues (\$)	B	\$	272,102
		Carrying Charges (\$)	C	\$	14,772
		LRAMVA (\$) for Account 1568	A+B+C	\$	783,933

Table 1-a. LRAMVA Totals by Rate Class

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

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

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Main - Residential	kWh	\$10,570	\$392	\$10,962
Main - GS<50 kW	kWh	\$90,132	\$1,738	\$91,871
Main - GS 50 to 4,999 kW	kW	\$522,560	\$10,028	\$532,587
Main - Large Use	kW	\$8,802	\$171	\$8,973
Main - Streetlighting	kW	\$20,471	\$392	\$20,864
STEI - Residential	kWh	\$0	\$0	\$0
STEI - GS<50 kW	kWh	\$48,643	\$945	\$49,588
STEI - GS 50 to 4,999 kW	kW	\$69,737	\$1,262	\$71,000
STEI - Street Lighting	kW	\$146	\$3	\$149
STEI - Sentinel	kWh	\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$789,162	\$14,772	\$783,933

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 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	STEI - Street Lighting	STEI - Sentinel					Total
		kWh	kW	kW	kW	kWh	kWh	kW	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		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2018 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2019 Actuals		\$13,032.95	\$90,474.68	\$319,521.09	\$4,951.56	\$12,592.67	\$0.00	\$32,981.31	\$50,319.79	\$77.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$523,951.11
2019 Forecast		(\$2,462.54)	(\$45,344.88)	(\$59,945.94)	(\$510.32)	(\$2,442.52)	\$0.00	(\$9,832.86)	(\$15,754.57)	(\$4.61)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$136,298.29)
Amount Cleared																
2020 Actuals		\$0.00	\$90,787.66	\$323,940.25	\$4,979.44	\$12,804.70	\$0.00	\$33,503.98	\$51,217.96	\$78.51	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$517,312.50
2020 Forecast		\$0.00	(\$45,785.13)	(\$60,955.69)	(\$518.91)	(\$2,483.64)	\$0.00	(\$10,009.50)	(\$16,045.89)	(\$4.70)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$135,803.45)
Amount Cleared																
Carrying Charges		\$331.89	\$1,738.28	\$10,027.72	\$171.29	\$392.38	\$0.00	\$844.99	\$1,262.36	\$2.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,771.56
Total LRAMVA Balance		\$10,992	\$91,871	\$832,887	\$9,073	\$20,864	\$0	\$47,488	\$71,000	\$149	\$0	\$0	\$0	\$0	\$0	\$783,933

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



## LRAMVA Work Form: Summary of Changes

Version 6.0 (2022)

**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	2. LRAMVA Threshold	F24	Threshold year for Entegrus- STEI shown separately. Threshold values for STEI are actually	Was in a different year from Entegrus-STEI main. Doesn't affect LRAMVA calculation
2	3-a. 2019 Nets and Allocation	Entire tab	Detailed 2019 project information, and calculation of post-P&C net results and allocation	Not provided by IESO reports
3	3. Distribution Rates	M58:N58 and other highlight	Formula modified to reflect calendar year rates in Entegrus-STEI	Two rate zones have different rate years.
4	4. 2011-2014 LRAM	Table 4c	Only shows results for Entegrus-STEI	Entegrus-Main results for 2013 captured in 2016 load forecast
5	4. 2011-2014 LRAM	Rows 428-432	Streetlighting project separated out from other Retrofit projects	Avoids double counting, street lighting details on Tab 8
6	4. 2011-2014 LRAM	Rows 458,513	Sub-totals shown for Entegrus-Main and Entegrus-STEI	For comparison to IESO reports
7	5. 2015-2020 LRAM	Rows 59:60, 127:128, 143:14	Where adjustments made in more than one year, both adjustments are shown separately	Facilitates comparison with IESO documents
8	5. 2015-2020 LRAM	62, 309, 348, 494,676	Retrofit streetlighting projects shown separately, and results removed from main Retrofit	SL require special analysis on Tab 8
9	5. 2015-2020 LRAM	D75,O75	Savings from CHP divided by four	Facility only operated for one quarter of the year
10	5. 2015-2020 LRAM	P75:X75	Results removed	With standby charge beginning in 2016, there is no impact on net revenue
11	5. 2015-2020 LRAM	Rows 130,194,330,377,529,5	Sub-totals shown for Entegrus-Main and Entegrus-STEI in 2015-2017	Facilitates comparison with IESO documents. After 2017 results were aggregated for both RZs
12	6. Carrying Charges	N180:R183	Formulas removed	STEI has no carrying charges after Dec 30, 2021 for this claim.
etc.	5. 2015-2020 LRAM			

**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 6.0 (2022)

**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) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-4. 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 - Street Lighting	STEI - Sentinel				
		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	0	0	0	0	0
kW	115	0	0	0	0	0	0	0	115	0	0	0	0	0	0
Summary		0	0	0	0	0	419793	632603	115	0	0	0	0	0	0

Years included in Threshold

2011

Source of Threshold

EB-2010-014, settlement agreement

**Table 2-b. LRAMVA Threshold****2016****STEI:****2015**

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-4. 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 - Street Lighting	STEI - Sentinel				
		kWh	kWh	kW	kW	kW	kWh	kWh	kW	kW	kWh	0.0	0.0	0.0	0.0
kWh	11,206,240	2,736,155	4,402,416	0	0	0	1,746,598	588,794	1,687,119	45,158	0	0	0	0	0
kW	25,103	0	0	17,935	217	2,523	0	0	4,303	125	0	0	0	0	0
Summary		2736155	4402416	17935	217	2523	1746598	588794	4303	125	0	0	0	0	0

Years included in Threshold

MAIN: 2014 + 2015 + 2016

Source of Threshold

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

Year	LRAMVA Threshold	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 - Street Lighting	STEI - Sentinel				
		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		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	2016	2,736,155	4,402,416	17,935	217	2,523	1,746,598	588,794	4,303	125	0	0	0	0	0
2020	2016	2,736,155	4,402,416	17,935	217	2,523	1,746,598	588,794	4,303	125	0	0	0	0	0

Note: Entegris did not have a cost of service between 2011 and 2015, and the previous cost of service did not account for CDM in the load forecast. The threshold for the St. Thomas rate zone is actually from 2015.





## LRAMVA Work Form: Determination of 2019 Net Savings and Rate Class Allocations

### Instructions

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

Allocation to rate classes for programs spanning more than one rate class were determined from project specific data. IESO provided project specific net energy data in 2015, 2016, 2017 and 2018.

Rate classes and rate zones of customers were determined for each project and the share of total net savings associated with each rate class that bills by kWh were calculated.

IESO provided project specific net demand reductions in 2015, 2016 and 2017. IESO provided gross demand reductions for project in 2018 and 2019 captured in the April 2019 Participation and Cost Report.

Rate classes and rate zones of customers were determined for each project and the share of total demand reductions associated with each rate class that bills by kW were calculated.

In 2013 and 2014, project specific information for gross energy savings and demand reductions were taken from CDM project databases and allocations were calculated as described above.

In 2018 and 2019, results for some residential programs were available only in aggregate for Entegrus as a whole. For these, allocation to rate zones was based on residential metered kWh reported in the 2017 Yearbook of Electricity Distributors, the most recent year before the merger.

Where project specific information was available for adjustments, allocations were calculated separately for those.

Because energy and demand allocations were calculated separately, totals may not sum to exactly 100%

Details of projects for 2019 are shown below, along with the calculation of the allocation across rate classes

Application number	Program	Net energy sav	Net dem	Source	Rate zone and class
CKH-BRI-104-00983	Business_Refrigeration_Program	2,138.37	0.35	P&C	Main - GS<50
CKH-BRI-104-01030	Business_Refrigeration_Program	1,988.30	0.31	P&C	STE - GS<50
CKH-BRI-104-01028	Business_Refrigeration_Program	1,535.22	0.24	P&C	STE - GS<50
CKH-BRI-104-01027	Business_Refrigeration_Program	3,386.35	0.50	P&C	STE - GS<50
CKH-BRI-104-01017	Business_Refrigeration_Program	1,819.96	0.28	P&C	STE - GS<50
CKH-BRI-104-00981	Business_Refrigeration_Program	4,730.02	0.70	P&C	Main - GS<50
CKH-BRI-104-00984	Business_Refrigeration_Program	8,954.32	1.27	P&C	Main - GS<50
CKH-BRI-147-00005	Business_Refrigeration_Program	3,579.95	0.45	P&C	Main - GS<50
CKH-BRI-147-00004	Business_Refrigeration_Program	3,579.95	0.45	P&C	Main - GS<50
CKH-BRI-104-01033	Business_Refrigeration_Program	332.54	0.06	P&C	STE - GS<50
CKH-BRI-104-00980	Business_Refrigeration_Program	7,122.57	1.08	P&C	Main - GS<50
CKH-BRI-147-00003	Business_Refrigeration_Program	6,264.92	0.78	P&C	Main - GS<50
CKH-BRI-104-01026	Business_Refrigeration_Program	6,958.37	0.97	P&C	STE - GS<50
CKH-BRI-104-00484	Business_Refrigeration_Program	17,170.97	-	P&C	Main - GS<50
CKH-BRI-104-00778	Business_Refrigeration_Program	4,611.81	0.65	P&C	Main - GS<50
CKH-BRI-104-00258	Business_Refrigeration_Program	2,334.79	0.35	P&C	Main - GS<50
CKH-BRI-147-00006	Business_Refrigeration_Program	4,474.94	0.56	P&C	Main - GS<50
CKH-BRI-147-00007	Business_Refrigeration_Program	4,474.94	0.56	P&C	Main - GS<50
CKH-BRI-147-00008	Business_Refrigeration_Program	2,684.96	0.34	P&C	Main - GS<50
CKH-BRI-147-00009	Business_Refrigeration_Program	3,579.95	0.45	P&C	Main - GS<50
CKH-BRI-104-01154	Business_Refrigeration_Program	1,232.72	0.21	Post-P&C	Main - GS<50
CKH-BRI-104-01168	Business_Refrigeration_Program	2,392.89	0.34	Post-P&C	STE - GS<50

CKH-BRI-104-01165	Business_Refrigeration_Program	4,855.06	0.66	Post-P&C	STE - GS<50
CKH-BRI-104-01164	Business_Refrigeration_Program	2,593.80	0.36	Post-P&C	STE - GS<50
CKH-BRI-104-01029	Business_Refrigeration_Program	2,429.61	0.33	Post-P&C	STE - GS<50
CKH-BRI-104-01176	Business_Refrigeration_Program	9,844.87	1.23	Post-P&C	Main - GS<50
CKH-BRI-104-01159	Business_Refrigeration_Program	6,264.92	0.78	Post-P&C	Main - GS<50
CKH-BRI-104-01169	Business_Refrigeration_Program	6,139.60	0.84	Post-P&C	Main - GS<50
CKH-BRI-104-01260	Business_Refrigeration_Program	4,161.58	0.57	Post-P&C	STE - GS<50
CKH-BRI-104-01160	Business_Refrigeration_Program	7,394.54	0.98	Post-P&C	Main - GS<50
CKH-BRI-104-01155	Business_Refrigeration_Program	6,017.84	0.78	Post-P&C	Main - GS<50
CKH-BRI-104-01156	Business_Refrigeration_Program	4,438.50	0.60	Post-P&C	Main - GS<50
CKH-BRI-104-01175	Business_Refrigeration_Program	4,560.26	0.65	Post-P&C	Main - GS<50
CKH-BRI-104-01174	Business_Refrigeration_Program	2,216.58	0.30	Post-P&C	Main - GS<50
CKH-BRI-104-01258	Business_Refrigeration_Program	2,092.91	0.27	Post-P&C	STE - GS<50
CKH-BRI-104-00985	Business_Refrigeration_Program	2,684.96	0.34	Post-P&C	Main - GS<50
CKH-BRI-104-01259	Business_Refrigeration_Program	3,420.99	0.58	Post-P&C	STE - GS<50
CKH-BRI-104-01162	Business_Refrigeration_Program	663.02	0.17	Post-P&C	Main - GS<50
CKH-BRI-104-01167	Business_Refrigeration_Program	3,123.09	0.42	Post-P&C	STE - GS<50
CKH-BRI-104-01262	Business_Refrigeration_Program	3,448.70	0.55	Post-P&C	STE - GS<50
150104-149	Small Business Lighting	318.41	0.09	P&C	STE - GS<50
150104-151	Small Business Lighting	356.88	0.13	P&C	STE - GS<50
150104-050	Small Business Lighting	1,476.98	0.41	P&C	Main - GS<50
150104-119	Small Business Lighting	404.38	0.12	P&C	Main - GS<50
150104-118	Small Business Lighting	1,899.89	0.33	P&C	Main - GS<50
150104-120	Small Business Lighting	1,208.01	0.26	P&C	Main - GS<50
150104-122	Small Business Lighting	924.37	0.17	P&C	Main - GS<50
150104-057	Small Business Lighting	2,843.59	0.79	P&C	Main - GS<50

### Net savings

	Net Energy (kWh)	Adjusted net	
		Net demand energy to	P&C
<b>Business_Refrigeration_Program</b>	<b>171,700</b>	<b>21.3</b>	
P&C	91,723	10	105,685
Post-P&C	79,976	11	79,976
<b>HPNC</b>	<b>205,217</b>	<b>36.6</b>	
P&C	-	-	-
Post-P&C	205,217	37	205,217
<b>New Home Construction</b>	<b>78,742</b>	<b>39.8</b>	
P&C	-	-	-
Post-P&C	78,742	40	78,742
<b>Retrofit</b>	<b>2,593,641</b>	<b>458.1</b>	
P&C	12,260	3	15,446
Post-P&C	2,581,381	455	2,581,381
<b>Small Business Lighting</b>	<b>141,960</b>	<b>29.8</b>	
P&C	72,830	16	59,107
Post-P&C	69,129	14	69,129
<b>PSUP</b>	<b>295,622</b>	<b>47.0</b>	
P&C	-	-	-
Post-P&C	295,622	47	295,622
<b>Grand Total</b>	<b>3,486,881</b>	<b>633</b>	<b>3,490,305</b>

Note: These values are transferred to Table 5-e

Comparison Entegrus database and	P&C (kWh)	Entegrus database (kWh)	Ratio
Retrofit	15,446	12,260	0.79373026
Small Business Lighting	59,107	72,830	1.23217329
Business_Refrigeration_Program	105,685	91,723	0.86789483

Note: Entegrus database is reported values times 2017 RR and 2017 NTG

### Allocation

Overall allocation	Main - GS<50	Main - GS>50	STE - Res	STE - GS<50	STE - GS>50	Total
	kWh	kWh	kWh	kWh	kWh	
<b>Business_Refrigeration_Program</b>	38.00%	26.28%	0.00%	19.92%	6.90%	<b>91.09%</b>
<b>HPNC</b>	0.00%	100.00%	0.00%	0.00%	0.00%	<b>100.00%</b>
<b>New Home Construction</b>	0.00%	0.00%	100.00%	0.00%	0.00%	<b>100.00%</b>
<b>Retrofit</b>	15.49%	76.41%	0.00%	0.42%	2.07%	<b>94.38%</b>
<b>Small Business Lighting</b>	53.82%	2.32%	0.00%	39.76%	3.73%	<b>99.62%</b>
<b>PSUP</b>	0.00%	100.00%	0.00%	0.00%	0.00%	<b>100.00%</b>

Note: Rate classes billed by kWh have the allocation based on net energy; rate classes billed by kW have allocation based on demand

These values are transferred to Table 5-e

150104-124	Small Business Lighting	1,802.19	0.24	P&C	Main - GS<50
150104-130	Small Business Lighting	1,173.08	0.41	P&C	Main - GS<50
150104-150	Small Business Lighting	2,091.92	0.60	P&C	STE - GS<50
150104-146	Small Business Lighting	1,563.60	0.30	P&C	STE - GS<50
150104-163	Small Business Lighting	674.82	0.22	P&C	STE - GS<50
150104-147	Small Business Lighting	3,762.09	0.58	P&C	STE - GS<50
150104-132	Small Business Lighting	2,082.74	0.67	P&C	Main - GS<50
150104-125	Small Business Lighting	3,581.39	0.50	P&C	Main - GS<50
150104-117	Small Business Lighting	3,960.70	0.64	P&C	Main - GS<50
150104-148	Small Business Lighting	1,404.35	0.48	P&C	STE - GS<50
150104-153	Small Business Lighting	1,492.53	0.22	Post-P&C	STE - GS<50
150104-220	Small Business Lighting	3,502.46	0.32	Post-P&C	STE - GS<50
150104-219	Small Business Lighting	895.52	0.13	Post-P&C	STE - GS<50
150104-184	Small Business Lighting	2,941.79	0.43	Post-P&C	STE - GS<50
150104-188	Small Business Lighting	2,027.20	0.32	Post-P&C	STE - GS<50
150104-162	Small Business Lighting	1,848.50	0.53	Post-P&C	STE - GS<50
150104-160	Small Business Lighting	1,237.50	0.40	Post-P&C	STE - GS<50
150104-233	Small Business Lighting	107.92	0.03	Post-P&C	Main - GS<50
150104-203	Small Business Lighting	2,100.84	0.31	Post-P&C	Main - GS<50
150104-218	Small Business Lighting	468.73	0.17	Post-P&C	Main - GS<50
150104-198	Small Business Lighting	4,766.78	1.33	Post-P&C	Main - GS<50
150104-236	Small Business Lighting	4,621.85	0.69	Post-P&C	Main - GS<50
150104-179	Small Business Lighting	2,942.49	0.48	Post-P&C	STE - GS>50
150104-200	Small Business Lighting	3,346.81	0.63	Post-P&C	STE - GS>50
150104-128	Small Business Lighting	1,141.12	0.24	Post-P&C	Main - GS<50
150104-222	Small Business Lighting	913.86	0.22	Post-P&C	Main - GS<50
150104-205	Small Business Lighting	2,216.09	0.65	Post-P&C	Main - GS<50
150104-215	Small Business Lighting	3,781.53	0.58	P&C	Main - GS<50
150104-221	Small Business Lighting	2,234.58	0.73	P&C	Main - GS<50
150104-245	Small Business Lighting	2,714.37	0.36	P&C	Main - GS<50
150104-255	Small Business Lighting	574.57	0.20	P&C	STE - GS<50
150104-272	Small Business Lighting	10,816.56	2.69	P&C	STE - GS<50
150104-273	Small Business Lighting	4,073.10	0.53	P&C	STE - GS<50
150104-235	Small Business Lighting	1,880.72	0.66	P&C	Main - GS<50
150104-269	Small Business Lighting	5,699.62	1.16	P&C	STE - GS<50
150104-282	Small Business Lighting	4,030.58	0.70	P&C	Main - GS<50
150104-293	Small Business Lighting	3,017.35	0.82	P&C	STE - GS<50
150104-271	Small Business Lighting	1,391.53	0.48	P&C	STE - GS<50
150104-286	Small Business Lighting	536.42	0.20	P&C	Main - GS<50
150104-287	Small Business Lighting	550.01	0.16	P&C	Main - GS<50
150104-288	Small Business Lighting	653.14	0.17	Post-P&C	Main - GS<50
150104-065	Small Business Lighting	3,164.29	0.40	Post-P&C	STE - GS<50
150104-292	Small Business Lighting	434.69	0.17	Post-P&C	Main - GS<50
150104-206	Small Business Lighting	1,984.76	0.65	Post-P&C	Main - GS<50
150104-152	Small Business Lighting	815.54	0.29	Post-P&C	STE - GS<50
150104-239	Small Business Lighting	17,837.75	2.70	Post-P&C	Main - GS<50
150104-267	Small Business Lighting	2,014.95	0.61	Post-P&C	STE - GS<50
150104-294	Small Business Lighting	758.52	0.13	Post-P&C	STE - GS<50
150104-289	Small Business Lighting	2,062.58	0.69	Post-P&C	Main - GS<50
150104-217	Small Business Lighting	2,831.10	0.69	Post-P&C	Main - GS>50
ESA2018-001	Audit Funding	#N/A	#N/A	Post-P&C	Main - GS>50
HPNC2018-004	HPNC	205,216.70	36.60	Post-P&C	Main - GS>50
RNC-St Thomas-2015	New Home Construction	63,905.22	32.30	Post-P&C	STE - Res
RNC-Strathroy 2019	New Home Construction	14,836.82	7.51	Post-P&C	STE - Res
201714	Retrofit	2,420.40	0.55	Post-P&C	Main - GS<50
202289	Retrofit	4,584.54	0.94	P&C	STE - GS>50
203872	Retrofit	603.25	0.64	Post-P&C	Main - GS<50
203855	Retrofit	372.93	0.44	Post-P&C	Main - GS<50
200834	Retrofit	9,289.38	2.77	Post-P&C	Main - GS<50
198899	Retrofit	1,213.17	0.29	Post-P&C	Main - GS<50
200409	Retrofit	7,675.21	1.75	P&C	Main - GS<50
193219	Retrofit	61,054.97	5.59	Post-P&C	Main - GS>50
203492	Retrofit	2,388.55	0.55	Post-P&C	Main - GS<50
203290	Retrofit	6,495.11	1.56	Post-P&C	Main - GS>50
203412	Retrofit	4,150.77	0.94	Post-P&C	Main - GS<50
202618	Retrofit	12,629.37	3.45	Post-P&C	Main - GS<50
198438	Retrofit	30,652.37	8.23	Post-P&C	Main - GS<50
204973	Retrofit	1,771.07	0.36	Post-P&C	STE - GS<50
203471	Retrofit	1,539.49	0.48	Post-P&C	STE - GS>50
204752	Retrofit	484.38	0.85	Post-P&C	Main - GS<50
204204	Retrofit	6,118.23	1.25	Post-P&C	STE - GS>50
201282	Retrofit	448,018.32	117.15	Post-P&C	Main - GS>50
203546	Retrofit	2,462.28	0.63	Post-P&C	STE - GS>50
205989	Retrofit	35,400.21	10.72	Post-P&C	Main - GS>50
174558	Retrofit	18,233.33	4.43	Post-P&C	Main - GS>50
204964	Retrofit	2,420.40	0.55	Post-P&C	Main - GS<50
205714	Retrofit	49,874.91	5.97	Post-P&C	Main - GS>50
200931	Retrofit	11,644.62	3.27	Post-P&C	Main - GS>50
204365	Retrofit	38,590.24	8.89	Post-P&C	Main - GS<50
205656	Retrofit	3,264.50	0.67	Post-P&C	STE - GS<50
204366	Retrofit	23,119.48	5.32	Post-P&C	Main - GS<50
206340	Retrofit	5,796.22	1.19	Post-P&C	STE - GS<50
199390	Retrofit	46,040.19	12.26	Post-P&C	Main - GS<50

206072	Retrofit	4,203.85	0.96	Post-P&C	Main - GS<50
196340	Retrofit	3,439.90	0.72	Post-P&C	Main - GS>50
205299	Retrofit	12,755.04	2.72	Post-P&C	Main - GS>50
206435	Retrofit	12,313.65	2.76	Post-P&C	STE - GS>50
204697	Retrofit	38,106.75	-	Post-P&C	Main - GS>50
204280	Retrofit	4,651.05	1.07	Post-P&C	Main - GS<50
204623	Retrofit	7,128.33	1.63	Post-P&C	Main - GS<50
204624	Retrofit	7,484.30	-	Post-P&C	Main - GS<50
205746	Retrofit	22,197.60	3.62	Post-P&C	Main - GS>50
205736	Retrofit	4,311.64	0.88	Post-P&C	Main - GS>50
204236	Retrofit	106,355.61	26.16	Post-P&C	Main - GS<50
199055	Retrofit	94,252.80	22.81	Post-P&C	Main - GS>50
205811	Retrofit	3,694.29	0.84	Post-P&C	Main - GS<50
204237	Retrofit	4,286.19	-	Post-P&C	STE - GS>50
204241	Retrofit	16,589.82	3.40	Post-P&C	STE - GS>50
206115	Retrofit	1,613.60	0.37	Post-P&C	Main - GS<50
202549	Retrofit	11,945.02	-	Post-P&C	Main - GS>50
173673	Retrofit	59,063.60	-	Post-P&C	Main - GS>50
203162	Retrofit	10,354.84	0.19	Post-P&C	Main - GS<50
199616	Retrofit	5,188.62	-	Post-P&C	Main - GS<50
206632	Retrofit	3,057.35	0.70	Post-P&C	Main - GS>50
205815	Retrofit	77,448.71	9.15	Post-P&C	Main - GS>50
205558	Retrofit	410,457.04	49.19	Post-P&C	Main - GS>50
205886	Retrofit	2,439.45	0.45	Post-P&C	Main - GS<50
181249	Retrofit	595,550.01	91.48	Post-P&C	Main - GS>50
203305	Retrofit	33,161.78	9.25	Post-P&C	Main - GS<50
199810	Retrofit	23,294.57	5.01	Post-P&C	Main - GS>50
202470	Retrofit	82,238.35	-	Post-P&C	Main - GS>50
202633	Retrofit	62,353.05	14.56	Post-P&C	Main - GS>50
204326	Retrofit	29,918.30	7.22	Post-P&C	Main - GS<50
205979	Retrofit	2,038.23	0.46	Post-P&C	Main - GS>50
601742	PSUP	295,621.91	46.98	Post-P&C	Main - GS>50
206095	Retrofit	3,439.52	0.78	Post-P&C	Main - GS<50

Source: Entegrus Salesforce database



## LRAMVA Work Form: Distribution Rates

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-XXXX	EB-2016-XXXX	EB-2017-0033 (Main) EB-2017-0074 (STEI)	EB2018-0024	EB-2019-0030	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)										4	4	4	
Period 2 (# months)		12	12	12	12	12	12	12	12	8	8	8	12
<b>Main - Residential</b>	kWh									\$ 0.0026	\$ -	\$ -	
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0026	\$ -	\$ -	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0017	\$ 0.0009	\$ -	
<b>Main - GS&lt;50 kW</b>	kWh									\$ 0.0102	\$ 0.0103	\$ 0.0105	
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0102	\$ 0.0103	\$ 0.0105	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0068	\$ 0.0103	\$ 0.0104	
<b>Main - GS 50 to 4,999 kW</b>	kW									\$ 3.3126	\$ 3.3573	\$ 3.4194	
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.3126	\$ 3.3573	\$ 3.4194	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.2084	\$ 3.3424	\$ 3.3987	
<b>Main - Large Use</b>	kW									\$ 2.3307	\$ 2.3622	\$ 2.4059	
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.3307	\$ 2.3622	\$ 2.4059	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.5538	\$ 2.3517	\$ 2.3913	
<b>Main - Streetlighting</b>	kW									\$ 0.9594	\$ 0.9724	\$ 0.9904	
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.9594	\$ 0.9724	\$ 0.9904	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.6396	\$ 0.9681	\$ 0.9844	
<b>STEI - Residential</b>	kWh												
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>STEI - GS&lt;50 kW</b>	kWh										\$ 0.0167	\$ 0.0170	
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0167	\$ 0.0170	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0167	\$ 0.0170	
<b>STEI - GS 50 to 4,999 kW</b>	kW										\$ 3.6613	\$ 3.7290	
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.6613	\$ 3.7290	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.6613	\$ 3.7290	

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

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.

Note: 2018 removed as already claimed

## Version 6.0 (2022)

**Instructions**

1. LDCs can apply for dispositive of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.
2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO documents were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.
3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) multipliers should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.
4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.
5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

**Table 4-a. 2011 Lost Revenues Work Form**

Note: Persistence captured in subsequent load forecast

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Note: Persistence captured in subsequent load forecast

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Conservation Instant Coupon Booklet Adjustment to 2014 savings		Verified True-up	83,209	77,484	74,720	74,720	74,720	74,720	74,576	74,576	63,866	6	6	6	6	6	6	6	5	0.00%	0.00%	0.00%	0.00%	0.00%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%																				
Bi-Annual Retailer Event Adjustment to 2014 savings		Verified True-up	361,253	313,383	288,436	288,436	288,436	288,436	288,311	288,311	268,145	24	21	19	19	19	19	19	18	0.00%	0.00%	0.00%	0.00%	0.00%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%																				
Business Program																																																						
Retrofit Adjustment to 2014 savings		Verified True-up	709,171	706,603	706,603	683,501	683,501	683,501	658,852	658,852	622,746	12	133	133	133	126	126	126	120	120	116	89	0.00%	0.00%	0.00%	0.00%	34.16%	54.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	89%																			
Direct Install Lighting Adjustment to 2014 savings		Verified True-up	326,654	324,666	281,723	190,189	190,189	190,189	190,189	190,189	190,189	12	91	90	78	50	50	50	50	50	50	50	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%																			
Energy Audit Adjustment to 2014 savings		Verified True-up	65,274	65,274	65,274	65,274						12	13	13	13	13						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%																				
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%																				
Energy Manager Adjustment to 2014 savings		Verified True-up	4,375	4,375	4,375	4,375	4,375	4,375	4,375	4,375	4,375	12	1	1	1	1	1	1	1	1	1	1	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%																			
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%																				
Home Assistance Program Adjustment to 2014 savings		Verified True-up	46,133	45,921	41,565	40,231	38,898	38,898	38,898	38,898	22,545	4	4	4	4	4	4	4	4	3	3	0.00%	0.00%	0.00%	0.00%	100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%																			
Other																																																						
Time of Use Savings Adjustment to 2014 savings		Verified True-up										12	162									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%																				
												12										0.00%	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%	0%	0%	0%	0%	0%																				
																						0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%																				
																						0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%																				
ENTEGRUS STEI - Actual CDM Savings in 2014			1,806,197															1,186																																				
Actual CDM Savings in 2014			12,726,538															7,172															1,714,748	1,207,506	12,717	0	21	700,723	568,879	1,043	0	0	0	0	0	0	0							
Forecast CDM Savings in 2014																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Distribution Rate in 2014																																	\$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	\$0.00000	\$0.00000	\$0.00000					
Lost Revenue in 2014 from 2011 programs																																	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Lost Revenue in 2014 from 2012 programs																																	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Lost Revenue in 2014 from 2013 programs																																	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Lost Revenue in 2014 from 2014 programs																																	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Total Lost Revenues in 2014																																	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Forecast Lost Revenues in 2014																																	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
LRAMVA in 2014																																																						\$0.00
2014 Savings Persisting in 2015																																	1,582,683	1,186,571	12,546	0	252	646,918	566,014	1,038	0	0	0	0	0	0	0	0	0	0				
2014 Savings Persisting in 2016																																	1,500,637	1,149,701	12,546	0	252	614,850	523,071	1,038	0	0	0	0	0	0	0	0	0	0				
2014 Savings Persisting in 2017																																	1,494,937	992,709	12,279	0	252	613,517	423,647	990	0	0	0	0	0	0	0	0	0	0				
2014 Savings Persisting in 2018																																	1,424,791	992,709	12,279	0	252	585,991	423,647	834	0	0	0	0	0	0	0	0	0	0				
2014 Savings Persisting in 2019																																	1,377,818	992,709	12,279	0	252	574,549	423,647	834	0	0	0	0	0	0	0	0	0	0				
2014 Savings Persisting in 2020																																	1,362,917	961,098	11,962	0	252	574,549	415,228	793	0	0	0	0	0	0	0	0	0	0				
Note: sub-totals shown for the two rate zones																																																						



**Version 6.0 (2022)**

Instructions (Grey)

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 form works apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.
2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available in the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.
3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers included in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.
4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.
5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is applicable in the load forecast calculation in the "Notes" section below each table.

[Table 5-a. 2015 Lost Revenue](#)  
[Table 5-b. 2016 Lost Revenue](#)  
[Table 5-c. 2017 Lost Revenue](#)  
[Table 5-d. 2018 Lost Revenue](#)  
[Table 5-e. 2019 Lost Revenue](#)  
[Table 5-f. 2020 Lost Revenues](#)

[illegible]



Note: LDC to make note of key assumptions included above

[illegible]

[illegible]

**Note:** LDC to make note of key assumptions included above

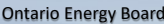
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Table 5-e. 2019 Lost Revenues Work Form [Return to top](#)

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Table 5-f. 2020 Lost Revenues Work Form [Return to top](#)

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**Version 6.0 (2022)**

**Instructions**

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

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

**Table 6-a. Calculation of Carrying Costs by Rate Class** [Go to Tab 1: Summary](#)

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 - Street Lighting	STEI - Sentinel			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	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
Mar-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
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	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
Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-11	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
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
Amount Cleared																
Opening Balance for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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
May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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
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
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	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
Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
Opening Balance 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
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-13	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
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
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	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
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-13	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
Amount Cleared																
Opening Balance for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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
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
Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-14	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
Jun-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
Jul-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



Jun-20	2011-2020	Q2	0.18%	\$19.20	\$116.05	\$670.63	\$11.44	\$26.25	\$0.00	\$59.84	\$89.42	\$0.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$993.02
Jul-20	2011-2020	Q3	0.05%	\$5.02	\$32.12	\$185.76	\$3.17	\$7.27	\$0.00	\$16.58	\$24.77	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$274.74
Aug-20	2011-2020	Q3	0.05%	\$5.02	\$33.91	\$196.17	\$3.35	\$7.68	\$0.00	\$17.51	\$26.16	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$289.84
Sep-20	2011-2020	Q3	0.05%	\$5.02	\$35.69	\$206.58	\$3.52	\$8.09	\$0.00	\$18.44	\$27.56	\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$304.95
Oct-20	2011-2020	Q4	0.05%	\$5.02	\$37.47	\$216.99	\$3.70	\$8.50	\$0.00	\$19.37	\$28.95	\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$320.05
Nov-20	2011-2020	Q4	0.05%	\$5.02	\$39.25	\$227.40	\$3.88	\$8.91	\$0.00	\$20.30	\$30.34	\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$335.15
Dec-20	2011-2020	Q4	0.05%	\$5.02	\$41.03	\$237.81	\$4.05	\$9.32	\$0.00	\$21.23	\$31.73	\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$350.25
Total for 2020				\$251.55	\$1,267.04	\$7,305.44	\$124.83	\$285.83	\$0.00	\$651.67	\$973.45	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,861.85
Amount Cleared																		
Opening Balance for 2021				\$251.55	\$1,267.04	\$7,305.44	\$124.83	\$285.83	\$0.00	\$651.67	\$973.45	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,861.85
Jan-21	2011-2021	Q1	0.05%	\$5.02	\$21.44	\$123.30	\$2.11	\$4.82	\$0.00	\$11.00	\$16.42	\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$184.14
Feb-21	2011-2021	Q1	0.05%	\$5.02	\$23.22	\$133.71	\$2.29	\$5.23	\$0.00	\$11.93	\$17.81	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$199.24
Mar-21	2011-2021	Q1	0.05%	\$5.02	\$25.00	\$144.12	\$2.46	\$5.64	\$0.00	\$12.86	\$19.20	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$214.34
Apr-21	2011-2021	Q2	0.05%	\$5.02	\$26.78	\$154.53	\$2.64	\$6.05	\$0.00	\$13.79	\$20.60	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$229.44
May-21	2011-2021	Q2	0.05%	\$5.02	\$28.56	\$164.94	\$2.82	\$6.46	\$0.00	\$14.72	\$21.99	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$244.54
Jun-21	2011-2021	Q2	0.05%	\$5.02	\$30.34	\$175.35	\$2.99	\$6.86	\$0.00	\$15.65	\$23.38	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$259.64
Jul-21	2011-2021	Q3	0.05%	\$5.02	\$32.12	\$185.76	\$3.17	\$7.27	\$0.00	\$16.58	\$24.77	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$274.74
Aug-21	2011-2021	Q3	0.05%	\$5.02	\$33.91	\$196.17	\$3.35	\$7.68	\$0.00	\$17.51	\$26.16	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$289.84
Sep-21	2011-2021	Q3	0.05%	\$5.02	\$35.69	\$206.58	\$3.52	\$8.09	\$0.00	\$18.44	\$27.56	\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$304.95
Oct-21	2011-2021	Q4	0.05%	\$5.02	\$37.47	\$216.99	\$3.70	\$8.50	\$0.00	\$19.37	\$28.95	\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$320.05
Nov-21	2011-2021	Q4	0.05%	\$5.02	\$39.25	\$227.40	\$3.88	\$8.91	\$0.00	\$20.30	\$30.34	\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$335.15
Dec-21	2011-2021	Q4	0.05%	\$5.02	\$41.03	\$237.81	\$4.05	\$9.32	\$0.00	\$21.23	\$31.73	\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$350.25
Total for 2021				\$311.81	\$1,641.85	\$9,472.07	\$161.79	\$370.65	\$0.00	\$844.99	\$1,262.36	\$2.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,068.16
Amount Cleared																		
Opening Balance for 2022				\$311.81	\$1,641.85	\$9,472.07	\$161.79	\$370.65	\$0.00	\$844.99	\$1,262.36	\$2.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,068.16
Jan-22	2011-2022	Q1	0.05%	\$5.02	\$21.44	\$123.30	\$2.11	\$4.82					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$156.69
Feb-22	2011-2022	Q1	0.05%	\$5.02	\$23.22	\$133.71	\$2.29	\$5.23					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$169.46
Mar-22	2011-2022	Q1	0.05%	\$5.02	\$25.00	\$144.12	\$2.46	\$5.64					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$182.24
Apr-22	2011-2022	Q2	0.05%	\$5.02	\$26.78	\$154.53	\$2.64	\$6.05					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$195.02
May-22	2011-2022	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-22	2011-2022	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-22	2011-2022	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
Aug-22	2011-2022	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
Sep-22	2011-2022	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
Oct-22	2011-2022	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
Nov-22	2011-2022	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
Dec-22	2011-2022	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
Total for 2022				\$331.89	\$1,738.28	\$10,027.72	\$171.29	\$392.38	\$0.00	\$844.99	\$1,262.36	\$2.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,771.56
Amount Cleared																		
Opening Balance for 2023				\$331.89	\$1,738.28	\$10,027.72	\$171.29	\$392.38	\$0.00	\$844.99	\$1,262.36	\$2.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,771.56
Jan-23	2011-2023	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-23	2011-2023	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-23	2011-2023	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-23	2011-2023	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-23	2011-2023	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-23	2011-2023	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-23	2011-2023	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
Aug-23	2011-2023	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
Sep-23	2011-2023	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
Oct-23	2011-2023	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
Nov-23	2011-2023	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
Dec-23	2011-2023	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
Total for 2023				\$331.89	\$1,738.28	\$10,027.72	\$171.29	\$392.38	\$0.00	\$844.99	\$1,262.36	\$2.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,771.56
Amount Cleared																		
Opening Balance for 2024				\$331.89	\$1,738.28	\$10,027.72	\$171.29	\$392.38	\$0.00	\$844.99	\$1,262.36	\$2.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,771.56
Jan-24	2011-2024	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-24	2011-2024	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-24	2011-2024	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-24	2011-2024	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-24	2011-2024	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-24	2011-2024	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-24	2011-2024	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.		



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

Version 6.0 (2022)

### Legend

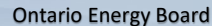
- |                       |
|-----------------------|
| User Inputs (Green)   |
| Drop Down List (Blue) |
| Instructions (Gray)   |

**Instructions**  
(Steps)

- [illegible]

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

[illegible]



## LRAMVA Work Form: Documentation for Streetlighting Projects

**Version 6.0 (2022)**

### 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.

### Average monthly savings and persistence

Program year	2014	2015	2016	2017	2018	2019	2020
2014 Main	1.75	20.96	20.96	20.96	20.96	20.96	20.96
2015 Main		10.87	130.45	130.45	130.45	130.45	130.45
2016 Main			136.93	625.26	625.26	625.26	625.26
2017 Main				251.12	298.34	298.34	298.34
2016 STEI			146.23	173.61	173.61	173.61	173.61
2018 Main					5.49	9.42	9.42

These values are one twelfth of the annual demand reductions calculated, and are carried over to Tab 4 (for 2014) and Tab 5.

**Table 8-a: Parkhill**

### Summary of Project #1 (2014)

Month	Actual lost revenue based on kW billing mWh	Actual lost revenue based on kW billing mWh	Actual lost revenue based on kW billing mWh	Actual lost revenue based on kW billing mWh
	a	b	c	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
<b>Total</b>	<b>22.49</b>			<b>20.96</b>
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

Fixture type	Dining demand $d$	Quantity $e$	Dining demand $d * e$
HPS 70 W	0.9	2	1.8
HPS 100W	0.13	111	14.43
HPS 150W	0.183	156	28.548
HPS 250W	0.288	30	8.64
Total			53.42

### Post-conversion billing demand

[illegible]**Table 8-b: Strathroy and Mount Brydges**

### Summary of Project #2 (2015)

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

Actual lost revenue based on kW billing				
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b	c	b * c
Jan-15				
Feb-15				
Mar-15				
Apr-15				
May-15				
Jun-15				
Jul-15				
Aug-15				
Sep-15				
Oct-15				
Nov-15	308.00			
Dec-15	109.00	199.00	0.66	130.45
<b>Total</b>				<b>130.45</b>
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

**Table 8-c: St. Thomas**

### Summary of Project #3 (2016)

Month	Actual lost revenue based on kW billing			
	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b	c	b * c
Jan-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
<b>Total</b>	<b>315.9</b>			<b>1,754.70</b>
Persistence in 2017				2,083.26
Persistence in 2018				2,083.26
Persistence in 2019				2,083.26
Persistence in 2020				2,083.26

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	c	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

### Pre-conversion billing demand

Fixture type	Billing Wattage (kW) d	Quantity e	Billed amount (kW) d * e
HPS 100	0.13	864	112.32
HPS 150	0.19	866	164.54
HPS 250	0.3	92	27.6
HPS 400	0.465	12	5.58
<b>Total</b>			<b>310.04</b>

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

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d	e	d * e
HPS 50	0.065	4	0.26
HPS 70	0.097	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

### Post-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d <sub>1</sub>	e <sub>1</sub>	d <sub>1</sub> *e <sub>1</sub>
LED 24	0.024	17	0.408
LED 50	0.05	1091	54.55
LED 60	0.06	453	27.18
LED 100	0.1	50	5
LED 113	0.113	100	11.3
LED 101	0.101	21	2.121
HPS 130	0.13	24	3.12
HPS 190	0.19	9	1.71
HPS 205	0.205	5	1.025
HPS 300	0.3	4	1.2
HPS 465	0.465	2	0.93
Total			108.54

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

Fixture type	Billing Wattage (kW) $d_1$	Quantity $e_1$	Billed amount (kW) $d_1 * e_1$
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
<b>Total</b>			<b>416.30</b>

### 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
<b>Total</b>			<b>922.33</b>

### Post-conversion billing demand

Fixture type	Billing Wattage (kW) $d_i$	Quantity $e_i$	Billed amount (kW) $d_i * e_i$
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
<b>Total</b>			<b>295.98</b>

Dec-16	1,005.2	143	626	1.00	625.26
<b>Total</b>					<b>1,643.17</b>
Persistence in 2017					7,503.08
Persistence in 2018					7,503.08
Persistence in 2019					7,503.08
Persistence in 2020					7,503.08

#### Summary of Project #4 (2017)

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	c	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
<b>Total</b>					<b>3,013.46</b>
Persistence in 2018					3,580.02
Persistence in 2019					3,580.02
Persistence in 2020					3,580.02

Table 8-f: Newbury

#### Summary of Project #4 (2018)

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	c	b * c
Jan-18	13.59	-	-	1.04	-
Feb-18	13.59	-	-	1.04	-
Mar-18	13.59	-	-	1.04	-
Apr-18	13.59	-	-	1.04	-
May-18	13.59	-	-	1.04	-
Jun-18	4.53	9.06	9.06	1.04	9.42
Jul-18	4.53	-	9.06	1.04	9.42
Aug-18	4.53	-	9.06	1.04	9.42
Sep-18	4.53	-	9.06	1.04	9.42
Oct-18	4.53	-	9.06	1.04	9.42
Nov-18	4.53	-	9.06	1.04	9.42
Dec-18	4.53	-	9.06	1.04	9.42
<b>Total</b>					<b>65.92</b>
Persistence in 2019					113.00
Persistence in 2020					113.00
Persistence in 2021					113.00
Persistence in 2022					113.00

NTG is the energy NTG in the detailed P&C data provided by the IESO

#### Details of Project #4 (June, 2017)

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
<b>Total</b>			<b>435.80</b>

Post-conversion billing demand			
Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d <sub>1</sub>	e <sub>1</sub>	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	-	0
LED	0.067	450	30.15
LED	0.108	30	3.24
<b>Total</b>			<b>149.70</b>

#### Details of Project #4 (May 2018)

Pre-conversion billing demand			
Fixture type	Billing Wattage (W)	Quantity	Billed amount (kW)
	d	e	d * e
Cobrahead	130	31	4.03
Cobrahead	190	9	1.71
Cobrahead	130	4	0.52
Cobrahead	130	2	0.26
Sentinel HP	130	1	0.13
Cobrahead	190	10	1.90
Cobrahead	190	22	4.18
Decorative	460	2	0.92
Floodlight H	460	1	0.46
Floodlight H	100	10	1.00
Sentinel HP	310	1	0.31
Wallpack In	190	1	0.19
<b>Total</b>			<b>15.61</b>

Post-conversion billing demand			
Fixture type	Billing Wattage (W)	Quantity	Billed amount (kW)
	d <sub>1</sub>	e <sub>1</sub>	d <sub>1</sub> * e <sub>1</sub>
38W_BXSPR	38	31	1.178
38W_BXSPR	38	9	0.342
38W_BXSPR	38	4	0.152
55W_BXSPR	55	2	0.11
55W_BXSPR	55	1	0.055
61W_BXSP1	61	10	0.61
69W_BXSP1	69	22	1.518
94W_KAD L	94	2	0.188
102W_DSXF	102	1	0.102
33W_TWR1	33	-	0
41W_TDD2	41	-	0
20W_DSXW	20	1	0.02
<b>Total</b>			<b>4.28</b>

# **ATTACHMENT G**

## Entegrus-Main Proposed Rates

**Entegrus Powerlines Inc.**  
**For Entegrus-Main Rate Zone**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2022**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2021-0017

**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 Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	26.41
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 (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0012
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

**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

**Entegrus Powerlines Inc.**  
**For Entegrus-Main Rate Zone**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2022**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2021-0017

**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 the Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	33.16
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0109
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023 Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kWh	0.0009
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0012
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
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

# Entegrus Powerlines Inc.

## For Entegrus-Main Rate Zone

### TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0017

## 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.

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	107.52
Distribution Volumetric Rate	\$/kW	3.5610
Low Voltage Service Rate (see Note 1)	\$/kW	0.6201
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kW	0.4568
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.0773)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.5348
Retail Transmission Rate - Network Service Rate	\$/kW	3.1142
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.2113

### 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



**Entegrus Powerlines Inc.**  
**For Entegrus-Main Rate Zone**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2022**  
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**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.

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	1,640.68
Distribution Volumetric Rate	\$/kW	2.5055
Low Voltage Service Rate (see Note 1)	\$/kW	0.6818
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kW	0.0830
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.4278
Retail Transmission Rate - Network Service Rate	\$/kW	3.3045
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.4312

**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

**Entegrus Powerlines Inc.**  
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**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 Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	8.87
Distribution Volumetric Rate	\$/kWh	0.0015
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0012
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
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

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**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.

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	8.07
Distribution Volumetric Rate	\$/kW	0.7232
Low Voltage Service Rate	\$/kW	0.4661
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.4453
Retail Transmission Rate - Network Service Rate	\$/kW	2.2878
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6620

**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

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**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 Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	1.22
Distribution Volumetric Rate	\$/kW	1.0314
Low Voltage Service Rate	\$/kW	0.4552
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kW	1.9971
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.4215
Retail Transmission Rate - Network Service Rate	\$/kW	2.2643
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6233

**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

**Entegrus Powerlines Inc.**  
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**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 Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	142.43
Low Voltage Service Rate	\$/kW	0.6201
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.3774
Retail Transmission Rate - Network Service Rate	\$/kW	3.1142
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2113

**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

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**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 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 3.5610

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

\$/kW 2.5055

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**microFIT SERVICE CLASSIFICATION**

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

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	4.55
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## 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.

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

### Other

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) - Approved on an Interim Basis	\$	45.48
Switching for company maintenance - charge based on time and materials	\$	T&M



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**RETAIL SERVICE CHARGES (if applicable)**

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	106.53
Monthly fixed charge, per retailer	\$	42.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.63)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.53
Processing fee, per request, applied to the requesting party	\$	1.06
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)	\$	4.26
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on	\$	2.13

**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	1.0432
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

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**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 H**

## Entegrus-Main Bill Impacts

## Incentive Rate-setting Mechanism Rate Generator for 2022 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 June 2021 of \$0.2689/kWh (IESO's Monthly Market Report for June 2021) 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

[illegible]

Table 2

[illegible]

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

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.88	1	\$ 25.88	\$ 26.41	1	\$ 26.41	\$ 0.53	2.05%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0002	750	\$ 0.15	\$ -	750	\$ -	\$ (0.15)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 26.03</b>			<b>\$ 26.41</b>	<b>\$ 0.38</b>	<b>1.46%</b>
Line Losses on Cost of Power	\$ 0.1034	32	\$ 3.35	\$ 0.1034	32	\$ 3.35	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0006	750	\$ 0.45	\$ 0.0012	750	\$ 0.90	\$ 0.45	100.00%
CBR Class B Rate Riders	-\$ 0.0001	750	\$ (0.08)	\$ -	750	\$ -	\$ 0.08	-100.00%
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0017	750	\$ 1.28	\$ 0.0017	750	\$ 1.28	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 31.60</b>			<b>\$ 32.51</b>	<b>\$ 0.91</b>	<b>2.86%</b>
RTSR - Network	\$ 0.0071	782	\$ 5.56	\$ 0.0081	782	\$ 6.34	\$ 0.78	14.08%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0060	782	\$ 4.69	\$ 0.0059	782	\$ 4.62	\$ (0.08)	-1.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 41.85</b>			<b>\$ 43.46</b>	<b>\$ 1.61</b>	<b>3.85%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	782	\$ 2.66	\$ 0.0034	782	\$ 2.66	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	782	\$ 0.39	\$ 0.0005	782	\$ 0.39	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	480	\$ 39.36	\$ 0.0820	480	\$ 39.36	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	135	\$ 15.26	\$ 0.1130	135	\$ 15.26	\$ -	0.00%
TOU - On Peak	\$ 0.1700	135	\$ 22.95	\$ 0.1700	135	\$ 22.95	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 122.72</b>			<b>\$ 124.33</b>	<b>\$ 1.61</b>	<b>1.31%</b>
HST	13%		\$ 15.95	13%		\$ 16.16	\$ 0.21	1.31%
Ontario Electricity Rebate	18.9%		\$ (23.19)	18.9%		\$ (23.50)	\$ (0.30)	-
<b>Total Bill on TOU</b>			<b>\$ 115.48</b>			<b>\$ 116.99</b>	<b>\$ 1.51</b>	<b>1.31%</b>

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0432		
Proposed/Approved Loss Factor	1.0432		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 32.49	1	\$ 32.49	\$ 33.16	1	\$ 33.16	\$ 0.67	2.06%
Distribution Volumetric Rate	\$ 0.0107	2000	\$ 21.40	\$ 0.0109	2000	\$ 21.80	\$ 0.40	1.87%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0004	2000	\$ 0.80	\$ 0.0009	2000	\$ 1.80	\$ 1.00	125.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 54.69			\$ 56.76	\$ 2.07	3.78%
Line Losses on Cost of Power	\$ 0.1034	86	\$ 8.94	\$ 0.1034	86	\$ 8.94	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0006	2,000	\$ 1.20	\$ 0.0012	2,000	\$ 2.40	\$ 1.20	100.00%
CBR Class B Rate Riders	-\$ 0.0001	2,000	\$ (0.20)	\$ -	2,000	\$ -	\$ 0.20	-100.00%
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0015	2,000	\$ 3.00	\$ 0.0015	2,000	\$ 3.00	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 68.20			\$ 71.67	\$ 3.47	5.09%
RTSR - Network	\$ 0.0062	2,086	\$ 12.94	\$ 0.0071	2,086	\$ 14.81	\$ 1.88	14.52%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0052	2,086	\$ 10.85	\$ 0.0051	2,086	\$ 10.64	\$ (0.21)	-1.92%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 91.98			\$ 97.12	\$ 5.14	5.59%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,086	\$ 7.09	\$ 0.0034	2,086	\$ 7.09	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,086	\$ 1.04	\$ 0.0005	2,086	\$ 1.04	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	1,280	\$ 104.96	\$ 0.0820	1,280	\$ 104.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	360	\$ 40.68	\$ 0.1130	360	\$ 40.68	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 307.21			\$ 312.35	\$ 5.14	1.67%
HST	13%		\$ 39.94	13%		\$ 40.61	\$ 0.67	1.67%
Ontario Electricity Rebate	18.9%		\$ (58.06)	18.9%		\$ (59.03)	\$ (0.97)	
<b>Total Bill on TOU</b>			\$ 289.08			\$ 293.92	\$ 4.84	1.67%

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	162,500	kWh
Demand	500	kW
Current Loss Factor	1.0432	
Proposed/Approved Loss Factor	1.0432	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 105.36	1	\$ 105.36	\$ 107.52	1	\$ 107.52	\$ 2.16	2.05%
Distribution Volumetric Rate	\$ 3.4895	500	\$ 1,744.75	\$ 3.5610	500	\$ 1,780.50	\$ 35.75	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.2048	500	\$ 102.40	\$ 0.4568	500	\$ 228.40	\$ 126.00	123.05%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 1,952.51</b>			<b>\$ 2,116.42</b>	<b>\$ 163.91</b>	<b>8.39%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.2228	500	\$ 111.40	\$ 0.4575	500	\$ 228.75	\$ 117.35	105.34%
CBR Class B Rate Riders	\$ 0.0295	500	\$ (14.75)	\$ -	500	\$ -	\$ 14.75	-100.00%
GA Rate Riders	\$ 0.0022	162,500	\$ 357.50	\$ 0.0011	162,500	\$ 178.75	\$ (178.75)	-50.00%
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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 2,716.71</b>			<b>\$ 2,833.97</b>	<b>\$ 117.26</b>	<b>4.32%</b>
RTSR - Network	\$ 2.7206	500	\$ 1,360.30	\$ 3.1142	500	\$ 1,557.10	\$ 196.80	14.47%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.2423	500	\$ 1,121.15	\$ 2.2113	500	\$ 1,105.65	\$ (15.50)	-1.38%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 5,198.16</b>			<b>\$ 5,496.72</b>	<b>\$ 298.56</b>	<b>5.74%</b>
Wholesale Market Service Charge (WMSA)	\$ 0.0034	169,520	\$ 576.37	\$ 0.0034	169,520	\$ 576.37	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	169,520	\$ 84.76	\$ 0.0005	169,520	\$ 84.76	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.2689	169,520	\$ 45,583.93	\$ 0.2689	169,520	\$ 45,583.93	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 51,443.47</b>			<b>\$ 51,742.03</b>	<b>\$ 298.56</b>	<b>0.58%</b>
HST	13%		\$ 6,687.65	13%		\$ 6,726.46	\$ 38.81	0.58%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 58,131.12</b>			<b>\$ 58,468.49</b>	<b>\$ 337.37</b>	<b>0.58%</b>

Customer Class:	LARGE USE SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	2,700,000	kWh
Demand	5,500	kW
Current Loss Factor	1.0432	
Proposed/Approved Loss Factor	1.0432	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1,607.72	1	\$ 1,607.72	\$ 1,640.68	1	\$ 1,640.68	\$ 32.96	2.05%
Distribution Volumetric Rate	\$ 2.4552	5500	\$ 13,503.60	\$ 2.5055	5500	\$ 13,780.25	\$ 276.65	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0386	5500	\$ 212.30	\$ 0.0830	5500	\$ 456.50	\$ 244.20	115.03%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 15,323.62</b>			<b>\$ 15,877.43</b>	<b>\$ 553.81</b>	<b>3.61%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.2043	5,500	\$ 1,123.65	\$ 0.4278	5,500	\$ 2,352.90	\$ 1,229.25	109.40%
CBR Class B Rate Riders	\$ 0.0080	5,500	\$ (44.00)	\$ -	5,500	\$ -	\$ 44.00	-100.00%
GA Rate Riders	\$ 0.0022	2,700,000	\$ 5,940.00	\$ 0.0011	2,700,000	\$ 2,970.00	\$ (2,970.00)	-50.00%
Low Voltage Service Charge	\$ 0.6818	5,500	\$ 3,749.90	\$ 0.6818	5,500	\$ 3,749.90	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	5,500	\$ -	\$ -	5,500	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 26,093.17</b>			<b>\$ 24,950.23</b>	<b>\$ (1,142.94)</b>	<b>-4.38%</b>
RTSR - Network	\$ 2.8868	5,500	\$ 15,877.40	\$ 3.3045	5,500	\$ 18,174.75	\$ 2,297.35	14.47%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.4653	5,500	\$ 13,559.15	\$ 2.4312	5,500	\$ 13,371.60	\$ (187.55)	-1.38%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 55,529.72</b>			<b>\$ 56,496.58</b>	<b>\$ 966.86</b>	<b>1.74%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,816,640	\$ 9,576.58	\$ 0.0034	2,816,640	\$ 9,576.58	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 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	\$ 0.2689	2,816,640	\$ 757,394.50	\$ 0.2689	2,816,640	\$ 757,394.50	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 823,909.36</b>			<b>\$ 824,876.22</b>	<b>\$ 966.86</b>	<b>0.12%</b>
HST	13%		\$ 107,108.22	13%		\$ 107,233.91	\$ 125.69	0.12%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 931,017.58</b>			<b>\$ 932,110.13</b>	<b>\$ 1,092.55</b>	<b>0.12%</b>



Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	150	kWh	
Demand	-	kW	
Current Loss Factor	1.0432		
Proposed/Approved Loss Factor	1.0432		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 8.69	1	\$ 8.69	\$ 8.87	1	\$ 8.87	\$ 0.18	2.07%
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	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 8.92			\$ 9.10	\$ 0.18	2.02%
Line Losses on Cost of Power	\$ 0.1034	6	\$ 0.67	\$ 0.1034	6	\$ 0.67	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0006	150	\$ 0.09	\$ 0.0012	150	\$ 0.18	\$ 0.09	100.00%
CBR Class B Rate Riders	-\$ 0.0001	150	\$ (0.02)	\$ -	150	\$ -	\$ 0.02	-100.00%
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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 9.89			\$ 10.17	\$ 0.29	2.88%
RTSR - Network	\$ 0.0062	156	\$ 0.97	\$ 0.0071	156	\$ 1.11	\$ 0.14	14.52%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0052	156	\$ 0.81	\$ 0.0051	156	\$ 0.80	\$ (0.02)	-1.92%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 11.67			\$ 12.08	\$ 0.41	3.52%
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%
TOU - Off Peak	\$ 0.0820	96	\$ 7.87	\$ 0.0820	96	\$ 7.87	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	27	\$ 3.05	\$ 0.1130	27	\$ 3.05	\$ -	0.00%
TOU - On Peak	\$ 0.1700	27	\$ 4.59	\$ 0.1700	27	\$ 4.59	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 28.04			\$ 28.45	\$ 0.41	1.46%
HST	13%		\$ 3.65	13%		\$ 3.70	\$ 0.05	1.46%
Ontario Electricity Rebate	18.9%		\$ (5.30)	18.9%		\$ (5.38)	\$ (0.08)	
<b>Total Bill on TOU</b>			\$ 26.39			\$ 26.77	\$ 0.39	1.46%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	150	kWh
Demand	1	kW
Current Loss Factor	1.0432	
Proposed/Approved Loss Factor	1.0432	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.91	1	\$ 7.91	\$ 8.07	1	\$ 8.07	\$ 0.16	2.02%
Distribution Volumetric Rate	\$ 0.7087	1	\$ 0.71	\$ 0.7232	1	\$ 0.72	\$ 0.01	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 8.62			\$ 8.79	\$ 0.17	2.02%
Line Losses on Cost of Power	\$ 0.2689	6	\$ 1.74	\$ 0.2689	6	\$ 1.74	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.2147	1	\$ 0.21	\$ 0.4453	1	\$ 0.45	\$ 0.23	107.41%
CBR Class B Rate Riders	\$ 0.0313	1	\$ (0.03)	\$ -	1	\$ -	\$ 0.03	-100.00%
GA Rate Riders	\$ 0.0023	150	\$ 0.35	\$ 0.0011	150	\$ 0.17	\$ (0.18)	-52.17%
Low Voltage Service Charge	\$ 0.4661	1	\$ 0.47	\$ 0.4661	1	\$ 0.47	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 11.36			\$ 11.61	\$ 0.26	2.26%
RTSR - Network	\$ 1.9986	1	\$ 2.00	\$ 2.2878	1	\$ 2.29	\$ 0.29	14.47%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.6853	1	\$ 1.69	\$ 1.6620	1	\$ 1.66	\$ (0.02)	-1.38%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 15.04			\$ 15.56	\$ 0.52	3.47%
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	\$ 0.2689	150	\$ 40.34	\$ 0.2689	150	\$ 40.34	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 56.23			\$ 56.76	\$ 0.52	0.93%
HST	13%		\$ 7.31	13%		\$ 7.38	\$ 0.07	0.93%
Ontario Electricity Rebate	18.9%		\$ (10.63)	18.9%		\$ (10.73)		
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 63.55			\$ 64.14	\$ 0.59	0.93%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	Non-RPP (Other)		
Consumption	150	kWh	
Demand	1	kW	
Current Loss Factor	1.0432		
Proposed/Approved Loss Factor	1.0432		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.20	1	\$ 1.20	\$ 1.22	1	\$ 1.22	\$ 0.02	1.67%
Distribution Volumetric Rate	\$ 1.0107	1	\$ 1.01	\$ 1.0314	1	\$ 1.03	\$ 0.02	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 1.0609	1	\$ 1.06	\$ 1.9971	1	\$ 2.00	\$ 0.94	88.25%
<b>Sub-Total A (excluding pass through)</b>			\$ 3.27			\$ 4.25	\$ 0.98	29.86%
Line Losses on Cost of Power	\$ 0.2689	6	\$ 1.74	\$ 0.2689	6	\$ 1.74	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.2014	1	\$ 0.20	\$ 0.4215	1	\$ 0.42	\$ 0.22	109.29%
CBR Class B Rate Riders	\$ 0.0296	1	\$ (0.03)	\$ -	1	\$ -	\$ 0.03	-100.00%
GA Rate Riders	\$ 0.0022	150	\$ 0.33	\$ 0.0011	150	\$ 0.17	\$ (0.17)	-50.00%
Low Voltage Service Charge	\$ 0.4552	1	\$ 0.46	\$ 0.4552	1	\$ 0.46	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 5.97			\$ 7.03	\$ 1.06	17.78%
RTSR - Network	\$ 1.9781	1	\$ 1.98	\$ 2.2643	1	\$ 2.26	\$ 0.29	14.47%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.6460	1	\$ 1.65	\$ 1.6233	1	\$ 1.62	\$ (0.02)	-1.38%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 9.60			\$ 10.92	\$ 1.33	13.81%
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	\$ 0.2689	150	\$ 40.34	\$ 0.2689	150	\$ 40.34	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 50.79			\$ 52.12	\$ 1.33	2.61%
HST	13%		\$ 6.60	13%		\$ 6.78	\$ 0.17	2.61%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 57.39			\$ 58.89	\$ 1.50	2.61%

Customer Class:	<b>EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	368,500	kWh
Demand	794	kW
Current Loss Factor	1.0432	
Proposed/Approved Loss Factor	1.0432	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 139.57	1	\$ 139.57	\$ 142.43	1	\$ 142.43	\$ 2.86	2.05%
Distribution Volumetric Rate	\$ -	794	\$ -	\$ -	794	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	794	\$ -	\$ -	794	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 139.57</b>			<b>\$ 142.43</b>	<b>\$ 2.86</b>	<b>2.05%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.2778	794	\$ 220.57	\$ 0.3774	794	\$ 299.66	\$ 79.08	35.85%
CBR Class B Rate Riders	\$ 0.0408	794	\$ (32.40)	\$ -	794	\$ -	\$ 32.40	-100.00%
GA Rate Riders	\$ 0.0022	368,500	\$ 810.70	\$ 0.0011	368,500	\$ 405.35	\$ (405.35)	-50.00%
Low Voltage Service Charge	\$ 0.6201	794	\$ 492.36	\$ 0.6201	794	\$ 492.36	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	794	\$ -	\$ -	794	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 1,630.81</b>			<b>\$ 1,339.80</b>	<b>\$ (291.01)</b>	<b>-17.84%</b>
RTSR - Network	\$ 2.7206	794	\$ 2,160.16	\$ 3.1142	794	\$ 2,472.67	\$ 312.52	14.47%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.2423	794	\$ 1,780.39	\$ 2.2113	794	\$ 1,755.77	\$ (24.61)	-1.38%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 5,571.35</b>			<b>\$ 5,568.24</b>	<b>\$ (3.11)</b>	<b>-0.06%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	384,419	\$ 1,307.03	\$ 0.0034	384,419	\$ 1,307.03	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	384,419	\$ 192.21	\$ 0.0005	384,419	\$ 192.21	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.2689	384,419	\$ 103,370.32	\$ 0.2689	384,419	\$ 103,370.32	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 110,441.16</b>			<b>\$ 110,438.05</b>	<b>\$ (3.11)</b>	<b>0.00%</b>
HST	13%		\$ 14,357.35	13%		\$ 14,356.95	\$ (0.40)	0.00%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 124,798.51</b>			<b>\$ 124,795.00</b>	<b>\$ (3.51)</b>	<b>0.00%</b>

Customer Class:	STANDBY POWER SERVICE CLASSIFICATION		
RPP / Non-RPP:	0		
Consumption	-	kWh	
Demand	-	kW	
Current Loss Factor	1.0432		
Proposed/Approved Loss Factor	1.0432		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 3.4895	0	\$ -	\$ 2.4552	0	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ -			\$ -	\$ -	
Line Losses on Cost of Power	\$ 0.2689	-	\$ -	\$ 0.2689	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
GA Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Low Voltage Service Charge	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ -			\$ -	\$ -	
RTSR - Network	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
<b>Sub-Total C - Delivery (including Sub-Total B)</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	\$ 0.0820	-	\$ -	\$ 0.0820	-	\$ -	\$ -	
TOU - Mid Peak	\$ 0.1130	-	\$ -	\$ 0.1130	-	\$ -	\$ -	
TOU - On Peak	\$ 0.1700	-	\$ -	\$ 0.1700	-	\$ -	\$ -	
Non-RPP Retailer Avg. Price	\$ 0.2689	-	\$ -	\$ 0.2689	-	\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.2689	-	\$ -	\$ 0.2689	-	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on TOU</b>			\$ 0.28			\$ 0.28	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 0.28			\$ 0.28	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 0.28			\$ 0.28	\$ -	0.00%

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	<b>Non-RPP (Retailer)</b>	
Consumption	700	kWh
Demand	-	kW
Current Loss Factor	1.0432	
Proposed/Approved Loss Factor	1.0432	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.88	1	\$ 25.88	\$ 26.41	1	\$ 26.41	\$ 0.53	2.05%
Distribution Volumetric Rate	\$ -	700	\$ -	\$ -	700	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0002	700	\$ 0.14	\$ -	700	\$ -	\$ (0.14)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 26.02			\$ 26.41	\$ 0.39	1.50%
Line Losses on Cost of Power	\$ 0.2689	30	\$ 8.13	\$ 0.2689	30	\$ 8.13	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0006	700	\$ 0.42	\$ 0.0012	700	\$ 0.84	\$ 0.42	100.00%
CBR Class B Rate Riders	\$ 0.0001	700	\$ (0.07)	\$ -	700	\$ -	\$ 0.07	-100.00%
GA Rate Riders	\$ 0.0022	700	\$ 1.54	\$ 0.0011	700	\$ 0.77	\$ (0.77)	-50.00%
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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 37.80			\$ 37.91	\$ 0.11	0.29%
RTSR - Network	\$ 0.0071	730	\$ 5.18	\$ 0.0081	730	\$ 5.91	\$ 0.73	14.08%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0060	730	\$ 4.38	\$ 0.0059	730	\$ 4.31	\$ (0.07)	-1.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 47.37			\$ 48.13	\$ 0.77	1.62%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	730	\$ 2.48	\$ 0.0034	730	\$ 2.48	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	730	\$ 0.37	\$ 0.0005	730	\$ 0.37	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.2689	700	\$ 188.23	\$ 0.2689	700	\$ 188.23	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 238.45			\$ 239.21	\$ 0.77	0.32%
HST	13%		\$ 31.00	13%		\$ 31.10	\$ 0.10	0.32%
Ontario Electricity Rebate	18.9%		\$ (45.07)	18.9%		\$ (45.21)		
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 269.44			\$ 270.31	\$ 0.87	0.32%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	135	kWh	
Demand	-	kW	
Current Loss Factor	1.0432		
Proposed/Approved Loss Factor	1.0432		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.88	1	\$ 25.88	\$ 26.41	1	\$ 26.41	\$ 0.53	2.05%
Distribution Volumetric Rate	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0002	135	\$ 0.03	\$ -	135	\$ -	\$ (0.03)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 25.91</b>			<b>\$ 26.41</b>	<b>\$ 0.50</b>	<b>1.94%</b>
Line Losses on Cost of Power	\$ 0.1034	6	\$ 0.60	\$ 0.1034	6	\$ 0.60	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0006	135	\$ 0.08	\$ 0.0012	135	\$ 0.16	\$ 0.08	100.00%
CBR Class B Rate Riders	-\$ 0.0001	135	\$ (0.01)	\$ -	135	\$ -	\$ 0.01	-100.00%
GA Rate Riders	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0017	135	\$ 0.23	\$ 0.0017	135	\$ 0.23	\$ -	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	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 27.38</b>			<b>\$ 27.97</b>	<b>\$ 0.60</b>	<b>2.18%</b>
RTSR - Network	\$ 0.0071	141	\$ 1.00	\$ 0.0081	141	\$ 1.14	\$ 0.14	14.08%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0060	141	\$ 0.84	\$ 0.0059	141	\$ 0.83	\$ (0.01)	-1.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 29.22</b>			<b>\$ 29.95</b>	<b>\$ 0.72</b>	<b>2.48%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	141	\$ 0.48	\$ 0.0034	141	\$ 0.48	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	141	\$ 0.07	\$ 0.0005	141	\$ 0.07	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	86	\$ 7.08	\$ 0.0820	86	\$ 7.08	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	24	\$ 2.75	\$ 0.1130	24	\$ 2.75	\$ -	0.00%
TOU - On Peak	\$ 0.1700	24	\$ 4.13	\$ 0.1700	24	\$ 4.13	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 43.98</b>			<b>\$ 44.71</b>	<b>\$ 0.72</b>	<b>1.65%</b>
HST	13%		\$ 5.72	13%		\$ 5.81	\$ 0.09	1.65%
Ontario Electricity Rebate	18.9%		\$ (8.31)	18.9%		\$ (8.45)	\$ (0.14)	-
<b>Total Bill on TOU</b>			<b>\$ 41.39</b>			<b>\$ 42.07</b>	<b>\$ 0.68</b>	<b>1.65%</b>

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	<b>Non-RPP (Retailer)</b>	
Consumption	135	kWh
Demand	-	kW
Current Loss Factor	1.0432	
Proposed/Approved Loss Factor	1.0432	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.88	1	\$ 25.88	\$ 26.41	1	\$ 26.41	\$ 0.53	2.05%
Distribution Volumetric Rate	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0002	135	\$ 0.03	\$ -	135	\$ -	\$ (0.03)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 25.91			\$ 26.41	\$ 0.50	1.94%
Line Losses on Cost of Power	\$ 0.2689	6	\$ 1.57	\$ 0.2689	6	\$ 1.57	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0006	135	\$ 0.08	\$ 0.0012	135	\$ 0.16	\$ 0.08	100.00%
CBR Class B Rate Riders	\$ 0.0001	135	\$ (0.01)	\$ -	135	\$ -	\$ 0.01	-100.00%
GA Rate Riders	\$ 0.0022	135	\$ 0.30	\$ 0.0011	135	\$ 0.15	\$ (0.15)	-50.00%
Low Voltage Service Charge	\$ 0.0017	135	\$ 0.23	\$ 0.0017	135	\$ 0.23	\$ -	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	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 28.64			\$ 29.09	\$ 0.45	1.57%
RTSR - Network	\$ 0.0071	141	\$ 1.00	\$ 0.0081	141	\$ 1.14	\$ 0.14	14.08%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0060	141	\$ 0.84	\$ 0.0059	141	\$ 0.83	\$ (0.01)	-1.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 30.48			\$ 31.06	\$ 0.58	1.89%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	141	\$ 0.48	\$ 0.0034	141	\$ 0.48	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	141	\$ 0.07	\$ 0.0005	141	\$ 0.07	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.2689	135	\$ 36.30	\$ 0.2689	135	\$ 36.30	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 67.33			\$ 67.91	\$ 0.58	0.86%
HST	13%		\$ 8.75	13%		\$ 8.83	\$ 0.07	0.86%
Ontario Electricity Rebate	18.9%		\$ (12.73)	18.9%		\$ (12.84)		
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 76.09			\$ 76.74	\$ 0.65	0.86%



Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	<b>RPP</b>	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0432	
Proposed/Approved Loss Factor	1.0432	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.88	1	\$ 25.88	\$ 26.41	1	\$ 26.41	\$ 0.53	2.05%
Distribution Volumetric Rate	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	-
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0002	2000	\$ 0.40	\$ -	2000	\$ -	\$ (0.40)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 26.28			\$ 26.41	\$ 0.13	0.49%
Line Losses on Cost of Power	\$ 0.1034	86	\$ 8.94	\$ 0.1034	86	\$ 8.94	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0006	2,000	\$ 1.20	\$ 0.0012	2,000	\$ 2.40	\$ 1.20	100.00%
CBR Class B Rate Riders	-\$ 0.0001	2,000	\$ (0.20)	\$ -	2,000	\$ -	\$ 0.20	-100.00%
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
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	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 40.19			\$ 41.72	\$ 1.53	3.81%
RTSR - Network	\$ 0.0071	2,086	\$ 14.81	\$ 0.0081	2,086	\$ 16.90	\$ 2.09	14.08%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0060	2,086	\$ 12.52	\$ 0.0059	2,086	\$ 12.31	\$ (0.21)	-1.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 67.52			\$ 70.93	\$ 3.41	5.05%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,086	\$ 7.09	\$ 0.0034	2,086	\$ 7.09	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,086	\$ 1.04	\$ 0.0005	2,086	\$ 1.04	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	1,280	\$ 104.96	\$ 0.0820	1,280	\$ 104.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	360	\$ 40.68	\$ 0.1130	360	\$ 40.68	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 282.74			\$ 286.15	\$ 3.41	1.21%
HST	13%		\$ 36.76	13%		\$ 37.20	\$ 0.44	1.21%
Ontario Electricity Rebate	18.9%		\$ (53.44)	18.9%		\$ (54.08)	\$ (0.64)	-
<b>Total Bill on TOU</b>			\$ 266.06			\$ 269.27	\$ 3.21	1.21%

# **ATTACHMENT I**

Entegrus-St. Thomas 2022 IRM Rate  
Generator Model, Version 1.0,  
Issued July 22, 2021

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

**Quick Link**

Ontario Energy Board's 2022 Electricity  
Distribution Rate Applications Webpage

Version 1.0

Utility Name	Entegrus Powerlines Inc.
Service Territory	For Former St. Thomas Energy Rate Zone
Assigned EB Number	EB-2021-0017
Name of Contact and Title	Mark Groendyk, Regulatory Supervisor
Phone Number	519-365-9724
Email Address	regulatory@entegrus.com
We are applying for rates effective	Saturday, January 1, 2022
Rate-Setting Method	Price Cap IR
1. Select the last Cost of Service rebasing year.	2016

To determine the first year the continuity schedules in tab 3 will be generated for input, answer the following questions:  
For all the the responses below, when selecting a year, select the year relating to the account balance. For example, if the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019.

2. For Accounts 1588 and 1589, please indicate the year of the account balances that the accounts were last disposed on a final basis for information purposes.

2019

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved for disposition on a final basis.

b) If the account balances were last approved on an interim basis, and

- i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis.
- ii) there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.

2019

3. For the remaining Group 1 DVAs, please indicate the year of the account balances that were last disposed on a final basis

2019

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances that the balance was last approved on a final basis.

b) If the accounts were last approved on an interim basis, and

- i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis.
- ii) If there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.

2019

4. Select the earliest vintage year in which there is a balance in Account 1595.

2019

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

5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance selected in #2 above to the year requested for disposition)?

Yes

6. Did you have any Class A customers at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year selected in #3 above to the year requested for disposition)?

Yes

7. Retail Transmission Service Rates: Entegrus Powerlines Inc. is:

Transmission Connected

8. 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 item from the drop-down list.
- Red cells represent flags to identify either non-matching values or incorrect user selections.
- Pale grey cells represent auto-populated RRR data.
- White cells contain fixed values, automatically generated values or formulae.

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



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Please refer to the footnotes for further instructions.

		2019									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2019	Transactions Debit/ (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments <sup>1</sup> during 2019	Closing Principal Balance as of Dec 31, 2019	Opening Interest Amounts as of Jan 1, 2019	Interest Jan 1 to Dec 31, 2019	OEB-Approved Disposition during 2019	Interest Adjustments <sup>1</sup> during 2019	Closing Interest Amounts as of Dec 31, 2019
<b>Group 1 Accounts</b>											
LV Variance Account	1550	0			0	0	0			0	0
Smart Metering Entity Charge Variance Account	1551	0			(36,586)	(36,586)	0			(1,410)	(1,410)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0			(1,219,985)	(1,219,985)	0			(67,909)	(67,909)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0			0	0	0			0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0			44,697	44,697	0			3,656	3,656
RSVA - Retail Transmission Network Charge	1584	0			(39,781)	(39,781)	0			(11,334)	(11,334)
RSVA - Retail Transmission Connection Charge	1586	0			105,756	105,756	0			1,131	1,131
RSVA - Power <sup>4</sup>	1588	0			(570,979)	(570,979)	0			(67,168)	(67,168)
RSVA - Global Adjustment <sup>4</sup>	1589	0			(162,798)	(162,798)	0			37,497	37,497
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595	0			198,826	198,826	0			17,593	17,593
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0			14,877	14,877	0			3,661	3,661
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0			0	0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	0			(4,253)	(4,253)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595	0									
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0				0
RSVA - Global Adjustment requested for disposition	1589	0	0	0	(162,798)	(162,798)	0	0	0	37,497	37,497
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		0	0	0	(1,716,878)	(1,716,878)	0	0	0	(143,035)	(143,035)
Total Group 1 Balance requested for disposition		0	0	0	(1,879,676)	(1,879,676)	0	0	0	(105,538)	(105,538)
RSVA - Global Adjustment		0	0	0	(162,798)	(162,798)	0	0	0	37,497	37,497
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	(1,507,428)	(1,507,428)	0	0	0	(121,781)	(121,781)
Total Group 1 Balance		0	0	0	(1,670,226)	(1,670,226)	0	0	0	(84,284)	(84,284)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		0	0	0	(1,879,676)	(1,879,676)	0	0	0	(105,538)	(105,538)



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Please refer to the footnotes for further instructions.

		2020									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2020	Transactions Debit/ (Credit) during 2020	OEB-Approved Disposition during 2020	Principal Adjustments <sup>1</sup> during 2020	Closing Principal Balance as of Dec 31, 2020	Opening Interest Amounts as of Jan 1, 2020	Interest Jan 1 to Dec 31, 2020	OEB-Approved Disposition during 2020	Interest Adjustments <sup>1</sup> during 2020	Closing Interest Amounts as of Dec 31, 2020
<b>Group 1 Accounts</b>											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	(36,586)	(1,799)	(34,008)		(4,377)	(1,410)	(63)	(1,458)		(14)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,219,985)	(137,104)	(1,224,442)		(132,646)	(67,909)	(2,347)	(70,141)		(115)
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	44,697	(11,061)	61,688		(28,052)	3,656	(333)	4,009		(686)
RSVA - Retail Transmission Network Charge	1584	(39,781)	20,585	(171,362)		152,166	(11,334)	836	(11,702)		1,203
RSVA - Retail Transmission Connection Charge	1586	105,756	(34,301)	126,063		(54,608)	1,131	(751)	2,165		(1,786)
RSVA - Power <sup>4</sup>	1588	(570,979)	(183,661)	(405,324)	13,203	(336,113)	(67,168)	(5,378)	(66,493)		(6,053)
RSVA - Global Adjustment <sup>4</sup>	1589	(162,798)	(238,251)	(216,064)	2,284	(182,702)	37,497	5,702	33,728		9,471
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595	198,826		198,826		0	17,593		17,593		0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	14,877		14,877		0	3,661		3,661		0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	(4,253)	(575)			(4,828)	0	505			505
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0	1,619,439	1,654,321		(34,882)	0	(11,980)			(11,980)
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595										
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0				0
RSVA - Global Adjustment requested for disposition	1589	(162,798)	(238,251)	(216,064)	2,284	(182,702)	37,497	5,702	33,728	0	9,471
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		(1,716,878)	(347,341)	(1,647,385)	13,203	(403,630)	(143,035)	(8,037)	(143,620)	0	(7,451)
Total Group 1 Balance requested for disposition		(1,879,676)	(585,592)	(1,863,449)	15,487	(586,332)	(105,538)	(2,335)	(109,893)	0	2,020
RSVA - Global Adjustment		(162,798)	(238,251)	(216,064)	2,284	(182,702)	37,497	5,702	33,728	0	9,471
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1,507,428)	1,271,523	220,639	13,203	(443,341)	(121,781)	(19,512)	(122,366)	0	(18,926)
Total Group 1 Balance		(1,670,226)	1,033,272	4,575	15,487	(626,043)	(84,284)	(13,810)	(88,639)	0	(9,455)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	116,526			116,526	0	2,110			2,110
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		(1,879,676)	(469,066)	(1,863,449)	15,487	(469,806)	(105,538)	(225)	(109,893)	0	4,130



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Please refer to the footnotes for further instructions.

		2021				Projected Interest on Dec-31-2020 Balances					2.1.7 RRR <sup>5</sup>	
Account Descriptions	Account Number	Principal Disposition during 2021 - instructed by OEB	Interest Disposition during 2021 - instructed by OEB	Closing Principal Balances as of Dec 31, 2020 Adjusted for Disposition during 2021	Closing Interest Balances as of Dec 31, 2020 Adjusted for Disposition during 2021	Projected Interest from Jan 1, 2021 to Dec 31, 2021 on Dec 31, 2020 balance adjusted for disposition during 2021 <sup>2</sup>	Projected Interest from Jan 1, 2022 to Apr 30, 2022 on Dec 31, 2020 balance adjusted for disposition during 2021 <sup>2</sup>	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2020	Variance RRR vs. 2020 Balance (Principal + Interest)
<b>Group 1 Accounts</b>												
LV Variance Account	1550	0	0	0	0	0	0	0	0		0	0
Smart Metering Entity Charge Variance Account	1551	(2,578)	48	(1,799)	(63)	(10)	(1,873)	(73)	(1,873)		(4,392)	0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	4,458	2,232	(137,104)	(2,347)	(781)	(140,233)	(3,129)	(140,233)		(161,499)	(28,738)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0	0	0	0	0	0	0	0		0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(16,991)	(354)	(11,061)	(333)	(63)	(11,457)	(396)	(11,457)		(28,738)	0
RSVA - Retail Transmission Network Charge	1584	131,581	367	20,585	836	117	21,538	953	21,538		153,370	0
RSVA - Retail Transmission Connection Charge	1586	(20,307)	(1,035)	(34,301)	(751)	(196)	(35,248)	(947)	(35,248)		(56,393)	0
RSVA - Power <sup>4</sup>	1588	(165,656)	(675)	(170,458)	(5,378)	(972)	(176,808)	(6,350)	(176,808)		(339,131)	3,035
RSVA - Global Adjustment <sup>4</sup>	1589	53,266	3,769	(235,967)	5,702	(1,345)	(231,611)	4,357	(231,611)		(176,611)	(3,381)
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) <sup>3</sup>	1595			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595			(4,828)	505			505	0	No	(4,324)	(0)
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595			(34,882)	(11,980)			(11,980)	0	No	(46,862)	0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595									No		
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595			0	0			0	0			0
RSVA - Global Adjustment requested for disposition	1589	53,266	3,769	(235,967)	5,702	(1,345)	0	4,357	(231,611)		(176,611)	(3,381)
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		(69,493)	585	(334,138)	(8,037)	(1,905)	0	(9,941)	(344,079)		(459,232)	(48,150)
Total Group 1 Balance requested for disposition		(16,227)	4,355	(570,105)	(2,335)	(3,250)	0	(5,584)	(575,689)		(635,843)	(51,531)
RSVA - Global Adjustment		53,266	3,769	(235,967)	5,702	(1,345)	0	4,357				
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(69,493)	585	(373,848)	(19,512)	(1,905)	0	(21,416)				
Total Group 1 Balance		(16,227)	4,355	(609,816)	(13,810)	(3,250)	0	(17,059)			(\$635,843)	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			116,526	2,110			2,110	118,636		163,735	45,099
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		(16,227)	4,355	(453,579)	(225)	(3,250)	0	(3,474)	(457,053)		(472,108)	(6,432)



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## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Have you confirmed the accuracy of the data below?

Yes

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non- RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	132,289,099	0	6,652,390	0	0	0	132,289,099	0		16,636
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	37,635,454	0	7,338,168	0	0	0	37,635,454	0	47,488	1,760
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	114,409,915	316,307	102,488,844	279,455	3,449,045	6,494	110,960,870	309,813	71,000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	97,762	7	2,457	7	0	0	97,762	7		
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,796,871	4,991	1,796,871	4,991	0	0	1,796,871	4,991	149	
<b>Total</b>		286,229,101	321,305	118,278,730	284,453	3,449,045	6,494	282,780,056	314,811	118,636	18,396

### 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>

(\$575,689)

(\$0.0020)

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



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# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	1550	1551	allocated based on Total less WMP		allocated based on Total less WMP		1568
						1580	1584	1586	1588	
RESIDENTIAL SERVICE CLASSIFICATION	46.2%	90.4%	46.8%	0	(1,693)	(70,963)	9,955	(16,291)	(82,714)	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	13.1%	9.6%	13.3%	0	(179)	(20,188)	2,832	(4,635)	(23,532)	47,488
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	40.0%	0.0%	39.2%	0	0	(59,522)	8,609	(14,089)	(69,378)	71,000
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	(52)	7	(12)	(61)	0
STREET LIGHTING SERVICE CLASSIFICATION	0.6%	0.0%	0.6%	0	0	(964)	135	(221)	(1,123)	149
Total	100.0%	100.0%	100.0%	0	(1,873)	(151,689)	21,538	(35,248)	(176,808)	118,636

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





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## Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

1a The year Account 1589 GA was last disposed 2019

1b The year Account 1580 CBR Class B was last disposed 2019 Note that the sub-account was established in 2015.

2a Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed per #1a above to the current year requested for disposition)? Yes (If you received approval to dispose of the CBR Class B account balance as at December 31, 2017, the period the GA variance accumulated would be 2018 to 2020.)

2b Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed per #1b above to the current year requested for disposition)? Yes (If you received approval to dispose of the CBR Class B account balance as at December 31, 2017, the period the GA variance accumulated would be 2018 to 2020.)

3a Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition). 3

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2020	
			July to December	January to June
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	6,333,432	4,979,013
		kW	12,419	10,301
		Class A/B	B	A
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,654,757	2,583,773
		kW	5,102	4,590
		Class A/B	B	A
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,542,603	1,835,039
		kW	5,945	4,055
		Class A/B	B	A

3b Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition). 1

In the table, enter the total Class A consumption for full year Class A customers in each rate class for each year, including any transition customer's consumption identified in table 3a above that were Class A customers for the full year before/after the transition year (E.g. If a customer transitioned from Class B to A in 2019, exclude this customer's consumption for 2019 but include this customer's consumption in 2020 as they were a Class A customer for the full year).

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

Rate Class	Rate Class		2020	
Rate Class 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh		24,657,794
		kW		64,938

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Rate Rider Recovery to be used below

		Total Metered Non-RPP 2020 Consumption excluding WMP	Total Metered 2020 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2020 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	6,652,390	0	0	6,652,390	9.2%	(\$18,294)	(\$0.0027)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	7,338,168	0	0	7,338,168	10.1%	(\$20,180)	(\$0.0028)	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	102,488,844	24,657,794	20,928,617	56,902,433	78.3%	(\$156,480)	(\$0.0027)	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	2,457	0	0	2,457	0.0%	(\$7)	(\$0.0028)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,796,871	0	0	1,796,871	2.5%	(\$4,941)	(\$0.0027)	kWh
Total		118,278,730	24,657,794	20,928,617	72,692,319	100.0%	(\$199,902)		



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# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Year the Account 1589 GA Balance Last Disposed

2019

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

		Total	2020
Non-RPP Consumption Less WMP Consumption	A	118,278,730	118,278,730
Less Class A Consumption for Partial Year Class A Customers	B	9,397,825	9,397,825
Less Consumption for Full Year Class A Customers	C	24,657,794	24,657,794
<b>Total Class B Consumption for Years During Balance Accumulation</b>	<b>D = A-B-C</b>	<b>84,223,111</b>	<b>84,223,111</b>
All Class B Consumption for Transition Customers	E	11,530,791	11,530,791
<b>Transition Customers' Portion of Total Consumption</b>	<b>F = E/D</b>	<b>13.69%</b>	

## Allocation of Total GA Balance \$

Total GA Balance	G	-\$ 231,611
Transition Customers Portion of GA Balance	H=F*G	-\$ 31,709
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$ 199,901

## Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers		3				
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 2020	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments
Customer 1		6,333,432	6,333,432	54.93%	-\$ 17,417	-\$ 1,451
Customer 2		2,654,757	2,654,757	23.02%	-\$ 7,300	-\$ 608
Customer 3		2,542,603	2,542,603	22.05%	-\$ 6,992	-\$ 583
Total		11,530,791	11,530,791	100.00%	-\$ 31,709	

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

No input required. The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

The year Account 1580 CBR Class B was last disposed

2019

	Total Metered 2020 Consumption Minus WMP		Total Metered 2020 Consumption for Full Year Class A Customers		Total Metered 2020 Consumption for Transition Customers		Metered Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit	
	kWh	kW	kWh	kW	kWh	kW	kWh	kW					
RESIDENTIAL SERVICE CLASSIFICATION	kWh	132,289,099	0	0	0	0	132,289,099	0	55.8%	(\$6,093)	\$0.0000	kWh	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	37,635,454	0	0	0	0	37,635,454	0	15.9%	(\$1,734)	\$0.0000	kWh	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	110,960,870	309,813	24,657,794	64,938	20,928,617	42,411	65,374,459	202,464	27.6%	(\$3,011)	\$0.0000	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	97,762	7	0	0	0	97,762	7	0.0%	(\$5)	\$0.0000	kWh	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,796,871	4,991	0	0	0	1,796,871	4,991	0.8%	(\$83)	\$0.0000	kW	
Total		282,780,056	314,811	24,657,794	64,938	20,928,617	42,411	237,193,645	207,462	100.0%	(\$10,926)	\$0.0000	

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Year Account 1580 CBR Class B was Last Disposed 2019

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

		Total	2020	2019	2018	2017	2016
Total Consumption Less WMP Consumption	A	282,780,056	282,780,056				
Less Class A Consumption for Partial Year Class A Customers	B	9,397,825	9,397,825	-	-	-	-
Less Consumption for Full Year Class A Customers	C	24,657,794	24,657,794	-	-	-	-
<b>Total Class B Consumption for Years During Balance Accumulation</b>	<b>D = A-B-C</b>	<b>248,724,437</b>	<b>248,724,437</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
All Class B Consumption for Transition Customers	E	11,530,792	11,530,791	-	-	-	1
<b>Transition Customers' Portion of Total Consumption</b>	<b>F = E/D</b>	<b>4.64%</b>					

## Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$	11,457
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	531
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	10,926

## Allocation of CBR Class B Balances to Transition Customers

Allocation of Class B to Transition Customers		Allocation of Class A/B Transition Customers										
		3										
		Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2020	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2019	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2018	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2017	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2016	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Monthly Equal Payments	Revised Monthly Payment	
Customer												
Customer 1		6,333,432	6,333,432	-	-	-	-	54.93%	-\$	292	\$	-
Customer 2		2,654,757	2,654,757	-	-	-	-	23.02%	-\$	122	10	-
Customer 3		2,542,603	2,542,603	-	-	-	-	22.05%	-\$	117	10	-
Total		11,530,791	11,530,791	-	-	-	-	100.00%	-\$	531	44	-

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes <sup>2</sup>	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	Revenue Reconciliation <sup>1</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	132,289,099	0	132,289,099	0	(161,706)		(0.0012)	0.0000	0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	37,635,454	0	37,635,454	0	(45,702)		(0.0012)	0.0000	0.0013	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	114,409,915	316,307	110,960,870	309,813	(5,480)	(128,900)	(0.0173)	(0.4161)	0.2245	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	97,762	7	97,762	7	(118)		(0.0012)	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,796,871	4,991	1,796,871	4,991	(2,173)		(0.4355)	0.0000	0.0298	
											(340,585.66)

<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>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.

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

## Summary - Sharing of Tax Change Forecast Amounts

	2016	2022
<b>OEB-Approved Rate Base</b>	\$ 29,311,377	\$ 29,311,377
<b>OEB-Approved Regulatory Taxable Income</b>	\$ 104,855	\$ 104,855
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) <sup>1,2</sup>		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.2%
Ontario Small Business Rate (calculated effective rate) <sup>1,2</sup>		11.5%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 15,728
Provincial Taxes Payable		\$ 12,058
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
<b>Combined Effective Tax Rate</b>	26.5%	26.5%
Total Income Taxes Payable	\$ 27,787	\$ 27,787
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$ -
<b>Income Tax Provision</b>	\$ 27,787	\$ 27,787
<b>Grossed-up Income Taxes</b>	\$ 37,805	\$ 37,805
<b>Incremental Grossed-up Tax Amount</b>		\$ -
<b>Sharing of Tax Amount (50%)</b>		\$ -

### 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.

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh							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%
<b>Total</b>			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	132,289,099		0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	37,635,454		0	0.0000 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	114,409,915	316,307	0	0.0000 kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	97,762	7	0	0.0000 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,796,871	4,991	0	0.0000 kW
<b>Total</b>		286,229,101	321,305	\$0	





# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	132,289,099	0	1.0393	137,488,061
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	132,289,099	0	1.0393	137,488,061
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	37,635,454	0	1.0393	39,114,527
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	37,635,454	0	1.0393	39,114,527
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9304	114,409,915	316,307		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4464	114,409,915	316,307		
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8414	97,762	7		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5357	97,762	7		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2596	1,796,871	4,991		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8864	1,796,871	4,991		



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# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Uniform Transmission Rates	Unit	2020	2021 Jan to Jun	2021 Jul to Dec	2022
Rate Description		Rate	Rate	Rate	Rate
Network Service Rate	kW	\$ 3.92	\$ 4.67	\$ 4.90	\$ 4.90
Line Connection Service Rate	kW	\$ 0.97	\$ 0.77	\$ 0.81	\$ 0.81
Transformation Connection Service Rate	kW	\$ 2.33	\$ 2.53	\$ 2.65	\$ 2.65

Hydro One Sub-Transmission Rates	Unit	2020	2021	2022
Rate Description		Rate	Rate	Rate
Network Service Rate	kW	\$ 3.3980	\$ 3.4778	\$ 3.4778
Line Connection Service Rate	kW	\$ 0.8045	\$ 0.8128	\$ 0.8128
Transformation Connection Service Rate	kW	\$ 2.0194	\$ 2.0458	\$ 2.0458
Both Line and Transformation Connection Service Rate	kW	\$ 2.8239	\$ 2.8586	\$ 2.8586

If needed, add extra host here. (I)	Unit	2020	2021	2022
Rate Description		Rate	Rate	Rate
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	\$ -	\$ -	\$ -

If needed, add extra host here. (II)	Unit	2020	2021	2022
Rate Description		Rate	Rate	Rate
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	\$ -	\$ -	\$ -

Low Voltage Switchgear Credit (if applicable, enter as a negative value)		Historical 2020	Current 2021	Forecast 2022
	\$			

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed.  
If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO				Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	39,813	\$3.92	\$ 156,067	43,588	\$0.97	\$ 42,280	43,588	\$2.33	\$ 101,560	\$ 143,840
February	40,067	\$3.92	\$ 157,063	41,252	\$0.97	\$ 40,014	41,252	\$2.33	\$ 96,117	\$ 136,132
March	37,207	\$3.92	\$ 145,851	38,640	\$0.97	\$ 37,481	38,640	\$2.33	\$ 90,031	\$ 127,512
April	32,201	\$3.92	\$ 126,228	35,614	\$0.97	\$ 34,546	35,614	\$2.33	\$ 82,981	\$ 117,526
May	51,984	\$3.92	\$ 203,777	52,299	\$0.97	\$ 50,730	52,299	\$2.33	\$ 121,857	\$ 172,587
June	53,187	\$3.92	\$ 208,493	57,084	\$0.97	\$ 55,371	57,084	\$2.33	\$ 133,006	\$ 188,377
July	63,627	\$3.92	\$ 249,418	64,040	\$0.97	\$ 62,119	64,040	\$2.33	\$ 149,213	\$ 211,332
August	61,111	\$3.92	\$ 239,555	61,111	\$0.97	\$ 59,278	61,111	\$2.33	\$ 142,389	\$ 201,666
September	53,253	\$3.92	\$ 208,752	53,253	\$0.97	\$ 51,655	53,253	\$2.33	\$ 124,079	\$ 175,735
October	39,904	\$3.92	\$ 156,424	39,904	\$0.97	\$ 38,707	39,904	\$2.33	\$ 92,976	\$ 131,683
November	43,083	\$3.92	\$ 168,885	43,917	\$0.97	\$ 42,599	43,917	\$2.33	\$ 102,327	\$ 144,926
December	47,273	\$3.92	\$ 185,310	47,273	\$0.97	\$ 45,855	47,273	\$2.33	\$ 110,146	\$ 156,001
Total	562,710	\$ 3.92	\$ 2,205,823	577,975	\$ 0.97	\$ 560,636	577,975	\$ 2.33	\$ 1,346,682	\$ 1,907,318

Hydro One				Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.0000			\$0.0000			\$0.0000		\$ -
February		\$0.0000			\$0.0000			\$0.0000		\$ -
March		\$0.0000			\$0.0000			\$0.0000		\$ -
April		\$0.0000			\$0.0000			\$0.0000		\$ -
May		\$0.0000			\$0.0000			\$0.0000		\$ -
June		\$0.0000			\$0.0000			\$0.0000		\$ -
July		\$0.0000			\$0.0000			\$0.0000		\$ -
August		\$0.0000			\$0.0000			\$0.0000		\$ -
September		\$0.0000			\$0.0000			\$0.0000		\$ -
October		\$0.0000			\$0.0000			\$0.0000		\$ -
November		\$0.0000			\$0.0000			\$0.0000		\$ -
December		\$0.0000			\$0.0000			\$0.0000		\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (I) (if needed)				Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ -			\$ -			\$ -		\$ -
February		\$ -			\$ -			\$ -		\$ -
March		\$ -			\$ -			\$ -		\$ -
April		\$ -			\$ -			\$ -		\$ -
May		\$ -			\$ -			\$ -		\$ -
June		\$ -			\$ -			\$ -		\$ -
July		\$ -			\$ -			\$ -		\$ -
August		\$ -			\$ -			\$ -		\$ -
September		\$ -			\$ -			\$ -		\$ -
October		\$ -			\$ -			\$ -		\$ -
November		\$ -			\$ -			\$ -		\$ -
December		\$ -			\$ -			\$ -		\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (II) (if needed)				Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ -			\$ -			\$ -		\$ -
February		\$ -			\$ -			\$ -		\$ -
March		\$ -			\$ -			\$ -		\$ -
April		\$ -			\$ -			\$ -		\$ -
May		\$ -			\$ -			\$ -		\$ -
June		\$ -			\$ -			\$ -		\$ -
July		\$ -			\$ -			\$ -		\$ -
August		\$ -			\$ -			\$ -		\$ -
September		\$ -			\$ -			\$ -		\$ -
October		\$ -			\$ -			\$ -		\$ -
November		\$ -			\$ -			\$ -		\$ -
December		\$ -			\$ -			\$ -		\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total				Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	39,813	\$ 3.9200	\$ 156,067	43,588	\$ 0.9700	\$ 42,280	43,588	\$ 2.3300	\$ 101,560	\$ 143,840
February	40,067	\$ 3.9200	\$ 157,063	41,252	\$ 0.9700	\$ 40,014	41,252	\$ 2.3300	\$ 96,117	\$ 136,132
March	37,207	\$ 3.9200	\$ 145,851	38,640	\$ 0.9700	\$ 37,481	38,640	\$ 2.3300	\$ 90,031	\$ 127,512
April	32,201	\$ 3.9200	\$ 126,228	35,614	\$ 0.9700	\$ 34,546	35,614	\$ 2.3300	\$ 82,981	\$ 117,526
May	51,984	\$ 3.9200	\$ 203,777	52,299	\$ 0.9700	\$ 50,730	52,299	\$ 2.3300	\$ 121,857	\$ 172,587
June	53,187	\$ 3.9200	\$ 208,493	57,084	\$ 0.9700	\$ 55,371	57,084	\$ 2.3300	\$ 133,006	\$ 188,377
July	63,627	\$ 3.9200	\$ 249,418	64,040	\$ 0.9700	\$ 62,119	64,040	\$ 2.3300	\$ 149,213	\$ 211,332
August	61,111	\$ 3.9200	\$ 239,555	61,111	\$ 0.9700	\$ 59,278	61,111	\$ 2.3300	\$ 142,389	\$ 201,666
September	53,253	\$ 3.9200	\$ 208,752	53,253	\$ 0.9700	\$ 51,655	53,253	\$ 2.3300	\$ 124,079	\$ 175,735
October	39,904	\$ 3.9200	\$ 156,424	39,904	\$ 0.9700	\$ 38,707	39,904	\$ 2.3300	\$ 92,976	\$ 131,683
November	43,083	\$ 3.9200	\$ 168,885	43,917	\$ 0.9700	\$ 42,599	43,917	\$ 2.3300	\$ 102,327	\$ 144,926
December	47,273	\$ 3.9200	\$ 185,310	47,273	\$ 0.9700	\$ 45,855	47,273	\$ 2.3300	\$ 110,146	\$ 156,001
Total	562,710	\$ 3.92	\$ 2,205,823	577,975	\$ 0.97	\$ 560,636	577,975	\$ 2.33	\$ 1,346,682	\$ 1,907,318

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 1,907,318

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this sheet is to calculate the expected billing when current 2021 Uniform Transmission Rates are applied against historical 2020 transmission units.

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	39,813	\$ 4,6700	\$ 185,927	43,588	\$ 0.7700	\$ 33,563	43,588	\$ 2.5300	\$ 110,278	\$		\$	143,840
February	40,067	\$ 4,6700	\$ 187,113	41,252	\$ 0.7700	\$ 31,764	41,252	\$ 2.5300	\$ 104,368	\$		\$	136,132
March	37,207	\$ 4,6700	\$ 173,757	38,640	\$ 0.7700	\$ 29,753	38,640	\$ 2.5300	\$ 97,759	\$		\$	127,512
April	32,201	\$ 4,6700	\$ 150,379	35,614	\$ 0.7700	\$ 27,423	35,614	\$ 2.5300	\$ 90,103	\$		\$	117,526
May	51,984	\$ 4,6700	\$ 242,765	52,299	\$ 0.7700	\$ 40,270	52,299	\$ 2.5300	\$ 132,316	\$		\$	172,587
June	53,187	\$ 4,6700	\$ 248,383	57,084	\$ 0.7700	\$ 43,955	57,084	\$ 2.5300	\$ 144,423	\$		\$	188,377
July	63,627	\$ 4,9000	\$ 311,772	64,040	\$ 0.8100	\$ 51,872	64,040	\$ 2.6500	\$ 169,706	\$		\$	221,578
August	61,111	\$ 4,9000	\$ 299,444	61,111	\$ 0.8100	\$ 49,500	61,111	\$ 2.6500	\$ 161,944	\$		\$	211,444
September	53,253	\$ 4,9000	\$ 260,940	53,253	\$ 0.8100	\$ 43,135	53,253	\$ 2.6500	\$ 141,120	\$		\$	184,255
October	39,904	\$ 4,9000	\$ 195,530	39,904	\$ 0.8100	\$ 32,322	39,904	\$ 2.6500	\$ 105,746	\$		\$	138,068
November	43,083	\$ 4,9000	\$ 211,107	43,917	\$ 0.8100	\$ 35,573	43,917	\$ 2.6500	\$ 116,380	\$		\$	151,953
December	47,273	\$ 4,9000	\$ 231,638	47,273	\$ 0.8100	\$ 38,291	47,273	\$ 2.6500	\$ 125,273	\$		\$	163,565
<b>Total</b>	<b>562,710</b>	<b>\$ 4.80</b>	<b>\$ 2,698,753</b>	<b>577,975</b>	<b>\$ 0.79</b>	<b>\$ 457,421</b>	<b>577,975</b>	<b>\$ 2.59</b>	<b>\$ 1,499,417</b>	<b>\$</b>	<b>1,956,837</b>	<b>\$</b>	

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
February	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
March	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
April	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
May	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
June	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
July	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
August	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
September	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
October	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
November	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
December	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -		\$ -	
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (I)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (II)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	39,813	\$ 4,6700	\$ 185,927	43,588	\$ 0.7700	\$ 33,563	43,588	\$ 2.5300	\$ 110,278	\$		\$	143,840
February	40,067	\$ 4,6700	\$ 187,113	41,252	\$ 0.7700	\$ 31,764	41,252	\$ 2.5300	\$ 104,368	\$		\$	136,132
March	37,207	\$ 4,6700	\$ 173,757	38,640	\$ 0.7700	\$ 29,753	38,640	\$ 2.5300	\$ 97,759	\$		\$	127,512
April	32,201	\$ 4,6700	\$ 150,379	35,614	\$ 0.7700	\$ 27,423	35,614	\$ 2.5300	\$ 90,103	\$		\$	117,526
May	51,984	\$ 4,6700	\$ 242,765	52,299	\$ 0.7700	\$ 40,270	52,299	\$ 2.5300	\$ 132,316	\$		\$	172,587
June	53,187	\$ 4,6700	\$ 248,383	57,084	\$ 0.7700	\$ 43,955	57,084	\$ 2.5300	\$ 144,423	\$		\$	188,377
July	63,627	\$ 4,9000	\$ 311,772	64,040	\$ 0.8100	\$ 51,872	64,040	\$ 2.6500	\$ 169,706	\$		\$	221,578
August	61,111	\$ 4,9000	\$ 299,444	61,111	\$ 0.8100	\$ 49,500	61,111	\$ 2.6500	\$ 161,944	\$		\$	211,444
September	53,253	\$ 4,9000	\$ 260,940	53,253	\$ 0.8100	\$ 43,135	53,253	\$ 2.6500	\$ 141,120	\$		\$	184,255
October	39,904	\$ 4,9000	\$ 195,530	39,904	\$ 0.8100	\$ 32,322	39,904	\$ 2.6500	\$ 105,746	\$		\$	138,068
November	43,083	\$ 4,9000	\$ 211,107	43,917	\$ 0.8100	\$ 35,573	43,917	\$ 2.6500	\$ 116,380	\$		\$	151,953
December	47,273	\$ 4,9000	\$ 231,638	47,273	\$ 0.8100	\$ 38,291	47,273	\$ 2.6500	\$ 125,273	\$		\$	163,565
<b>Total</b>	<b>562,710</b>	<b>\$ 4.80</b>	<b>\$ 2,698,753</b>	<b>577,975</b>	<b>\$ 0.79</b>	<b>\$ 457,421</b>	<b>577,975</b>	<b>\$ 2.59</b>	<b>\$ 1,499,417</b>	<b>\$</b>	<b>1,956,837</b>	<b>\$</b>	

Low Voltage Switchgear Credit (if applicable)													\$ -
Total including deduction for Low Voltage Switchgear Credit													\$ 1,956,837

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2022 Uniform Transmission Rates are applied against historical 2020 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	39,813	\$ 4,9000	\$ 195,084	43,588	\$ 0.8100	\$ 35,306	43,588	\$ 2,6500	\$ 115,508	\$ 150,814
February	40,067	\$ 4,9000	\$ 196,328	41,252	\$ 0.8100	\$ 33,414	41,252	\$ 2,6500	\$ 109,318	\$ 142,732
March	37,207	\$ 4,9000	\$ 182,314	38,640	\$ 0.8100	\$ 31,298	38,640	\$ 2,6500	\$ 102,396	\$ 133,694
April	32,201	\$ 4,9000	\$ 157,785	35,614	\$ 0.8100	\$ 28,847	35,614	\$ 2,6500	\$ 94,377	\$ 123,224
May	51,984	\$ 4,9000	\$ 254,722	52,299	\$ 0.8100	\$ 42,362	52,299	\$ 2,6500	\$ 138,592	\$ 180,955
June	53,187	\$ 4,9000	\$ 260,616	57,084	\$ 0.8100	\$ 46,238	57,084	\$ 2,6500	\$ 151,273	\$ 197,511
July	63,627	\$ 4,9000	\$ 311,772	64,040	\$ 0.8100	\$ 51,872	64,040	\$ 2,6500	\$ 169,706	\$ 221,578
August	61,111	\$ 4,9000	\$ 299,444	61,111	\$ 0.8100	\$ 49,500	61,111	\$ 2,6500	\$ 161,944	\$ 211,444
September	53,253	\$ 4,9000	\$ 260,940	53,253	\$ 0.8100	\$ 43,135	53,253	\$ 2,6500	\$ 141,120	\$ 184,255
October	39,904	\$ 4,9000	\$ 195,530	39,904	\$ 0.8100	\$ 32,322	39,904	\$ 2,6500	\$ 105,746	\$ 138,068
November	43,083	\$ 4,9000	\$ 211,107	43,917	\$ 0.8100	\$ 35,573	43,917	\$ 2,6500	\$ 116,380	\$ 151,953
December	47,273	\$ 4,9000	\$ 231,638	47,273	\$ 0.8100	\$ 38,291	47,273	\$ 2,6500	\$ 125,273	\$ 163,565
<b>Total</b>	<b>562,710</b>	<b>\$ 4.90</b>	<b>\$ 2,757,279</b>	<b>577,975</b>	<b>\$ 0.81</b>	<b>\$ 468,160</b>	<b>577,975</b>	<b>\$ 2.65</b>	<b>\$ 1,531,634</b>	<b>\$ 1,999,794</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
February	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
March	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
April	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
May	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
June	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
July	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
August	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
September	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
October	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
November	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
December	-	\$ 3.4778	\$ -	-	\$ 0.8128	\$ -	-	\$ 2.0458	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	39,813	\$ 4.90	\$ 195,084	43,588	\$ 0.81	\$ 35,306	43,588	\$ 2.65	\$ 115,508	\$ 150,814
February	40,067	\$ 4.90	\$ 196,328	41,252	\$ 0.81	\$ 33,414	41,252	\$ 2.65	\$ 109,318	\$ 142,732
March	37,207	\$ 4.90	\$ 182,314	38,640	\$ 0.81	\$ 31,298	38,640	\$ 2.65	\$ 102,396	\$ 133,694
April	32,201	\$ 4.90	\$ 157,785	35,614	\$ 0.81	\$ 28,847	35,614	\$ 2.65	\$ 94,377	\$ 123,224
May	51,984	\$ 4.90	\$ 254,722	52,299	\$ 0.81	\$ 42,362	52,299	\$ 2.65	\$ 138,592	\$ 180,955
June	53,187	\$ 4.90	\$ 260,616	57,084	\$ 0.81	\$ 46,238	57,084	\$ 2.65	\$ 151,273	\$ 197,511
July	63,627	\$ 4.90	\$ 311,772	64,040	\$ 0.81	\$ 51,872	64,040	\$ 2.65	\$ 169,706	\$ 221,578
August	61,111	\$ 4.90	\$ 299,444	61,111	\$ 0.81	\$ 49,500	61,111	\$ 2.65	\$ 161,944	\$ 211,444
September	53,253	\$ 4.90	\$ 260,940	53,253	\$ 0.81	\$ 43,135	53,253	\$ 2.65	\$ 141,120	\$ 184,255
October	39,904	\$ 4.90	\$ 195,530	39,904	\$ 0.81	\$ 32,322	39,904	\$ 2.65	\$ 105,746	\$ 138,068
November	43,083	\$ 4.90	\$ 211,107	43,917	\$ 0.81	\$ 35,573	43,917	\$ 2.65	\$ 116,380	\$ 151,953
December	47,273	\$ 4.90	\$ 231,638	47,273	\$ 0.81	\$ 38,291	47,273	\$ 2.65	\$ 125,273	\$ 163,565
<b>Total</b>	<b>562,710</b>	<b>\$ 4.90</b>	<b>\$ 2,757,279</b>	<b>577,975</b>	<b>\$ 0.81</b>	<b>\$ 468,160</b>	<b>577,975</b>	<b>\$ 2.65</b>	<b>\$ 1,531,634</b>	<b>\$ 1,999,794</b>
Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										<b>\$ 1,999,794</b>

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	137,488,061	0	1,003,663	45.1%	1,216,056	0.0088
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	39,114,527	0	285,536	12.8%	345,961	0.0088
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9304		316,307	926,906	41.6%	1,123,056	3.5505
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8414		7	13	0.0%	16	2.2311
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2596		4,991	11,278	0.5%	13,664	2.7378

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

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	137,488,061	0	893,672	46.8%	916,697	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	39,114,527	0	230,776	12.1%	236,721	0.0061
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4464		316,307	773,813	40.6%	793,750	2.5094
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5357		7	11	0.0%	11	1.5753
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8864		4,991	9,415	0.5%	9,658	1.9350

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	0.0088	137,488,061	0	1,216,056	45.1%	1,242,428	<b>0.0090</b>
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0088	39,114,527	0	345,961	12.8%	353,463	<b>0.0090</b>
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.5505		316,307	1,123,056	41.6%	1,147,411	<b>3.6275</b>
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2311		7	16	0.0%	16	<b>2.2798</b>
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7378		4,991	13,664	0.5%	13,961	<b>2.7971</b>

The purpose of this table is to update the re-aligned RTS Connection Rates to recover future wholesale connection costs.

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067	137,488,061	0	916,697	46.8%	936,820	<b>0.0068</b>
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	39,114,527	0	236,721	12.1%	241,918	<b>0.0062</b>
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5094		316,307	793,750	40.6%	811,174	<b>2.5645</b>
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5753		7	11	0.0%	11	<b>1.6103</b>
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9350		4,991	9,658	0.5%	9,870	<b>1.9775</b>



Ontario Energy Board

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator has been set at the 2021 value and will be updated by OEB staff at a later date.

Price Escalator	2.20%	Productivity Factor	0.00%
Choose Stretch Factor Group	II	Price Cap Index	2.05%
Associated Stretch Factor Value	0.15%		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	27.82				2.05%	28.39	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	25.51		0.0173		2.05%	26.03	0.0177
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	79.49		3.8054		2.05%	81.12	3.8834
SENTINEL LIGHTING SERVICE CLASSIFICATION	5.14		6.2233		2.05%	5.25	6.3509
STREET LIGHTING SERVICE CLASSIFICATION	3.93		0.0384		2.05%	4.01	0.0392
microFIT SERVICE CLASSIFICATION	10					10	

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

# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

## Regulatory Charges

Effective Date of Regulatory Charges		January 1, 2021	January 1, 2022
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, 2021
Off-Peak	\$/kWh	0.0820
Mid-Peak	\$/kWh	0.1130
On-Peak	\$/kWh	0.1700

## Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.57
---------------------------------	----	------

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

## Miscellaneous Service Charges

Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	44.50	2.20%	45.48

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	\$	104.24	2.20%	106.53
Monthly fixed charge, per retailer	\$	41.70	2.20%	42.62
Monthly variable charge, per customer, per retailer	\$/cust	1.04	2.20%	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust	0.62	2.20%	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust	(0.62)	2.20%	(0.63)
Service Transaction Requests (STR)			2.20%	-
Request fee, per request, applied to the requesting party	\$	0.52	2.20%	0.53
Processing fee, per request, applied to the requesting party	\$	1.04	2.20%	1.06
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)	\$	4.17	2.20%	4.26
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08	2.20%	2.13

\* inflation factor subject to change pending OEB approved inflation rate effective in 2021

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

\*\*\* subject to change pending OEB order on miscellaneous service charges



# Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

In the Green Cells below, enter all proposed rate riders/rates.

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

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

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

In column E, enter the expiry date (e.g. April 30, 2022) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).

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

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)
			- 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 (e.g. April 30, 2022)
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)
			- 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 (e.g. April 30, 2022)
			- 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 (e.g. April 30, 2022)
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until

microFIT SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2022)
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until
			- effective until

# **ATTACHMENT J**

## Entegrus-St. Thomas GA Analysis Workform, Version 1.0



# GA Analysis Workform for 2022 Rate Applications

Version 1.0

Input cells  
Drop down cells

Utility Name **ENTEGRUS POWERLINES INC.**

## Note 1

For Account 1589 and Account 1588, determine if a or b below applies and select the appropriate year related to the account balance in the drop-down box to the right.

- a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved on a final basis.  
b) If the account balances were last approved on an interim basis, and  
i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis. OR  
ii) there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

**Year Selected**

2019

(e.g. If the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019)

### Instructions:

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the appropriate GA Analysis Workform tabs, and information in the Principal Adjustments tab and Account 1588 tab.

For example:

• Scenario a - If 2019 balances were last approved on a final basis - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

• Scenario bi - If 2019 balances were last approved on an interim basis and there are no changes to 2019 balances - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

• Scenario bii - If 2019 balances were last approved on an interim basis, there are changes to 2019 balances, and 2018 balances were last approved for disposition - Select 2018 and GA Analysis Workforms for 2019 and 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

2) Complete the GA Analysis Workform for each year generated.

3) Complete the Account 1588 tab. Note that the number of years that require the reasonability test to be completed are shown in the Account 1588 tab, depending on the year selected on the Information Sheet.

4) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in the one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of reconciling items and principal adjustments.

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2020	\$ (34,340)	\$ (238,251)	\$ 190,094	\$ (48,157)	\$ (13,817)	\$ 9,820,361	-0.1%
<b>Cumulative Balance</b>	<b>\$ (34,340)</b>	<b>\$ (238,251)</b>	<b>\$ 190,094</b>	<b>\$ (48,157)</b>	<b>\$ (13,817)</b>	<b>\$ 9,820,361</b>	<b>N/A</b>

### Account 1588 Reconciliation Summary

Year	Account 1588 as a % of Account 4705
2020	-0.5%

## GA Analysis Workform

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

Year	2020		
Total Metered excluding WMP	C = A+B	283,780,055	kWh
RPP	A	184,501,324	kWh
Non RPP	B = D+E	118,278,731	kWh
Non-RPP Class A	D	14,068,618	kWh
Non-RPP Class B*	E	104,210,113	kWh

\*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

Note that the GA actual rates for April to June 2020 are based on the unadjusted GA rates, without the impacts of the GA deferral.

Please confirm that the adjusted GA rate was used to bill customers from April to June 2020.

For the months of April to June 2020, the IESO provided adjusted GA rates, which reflected the deferral of a portion of the GA as per the May 1, 2020 Emergency Order, and unadjusted GA rates which did not consider the GA deferral.

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

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

Note 4 Analysis of Expected GA Amount

Year	2020								
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 Price Variance (\$)
	F	G	H	I = F+G-H	J	K = I*J	L	M = I*L	N=M-K
January	10,608,947	11,028,945	7,518,619	7,098,621	0.08323	\$ 590,818	0.10232	\$ 726,331	\$ 135,513
February	8,812,888	7,518,619	5,250,349	5,544,818	0.12451	\$ 814,870	0.11331	\$ 741,871	\$ (73,000)
March	5,398,037	5,250,349	6,020,815	6,165,504	0.10432	\$ 643,290	0.11942	\$ 736,404	\$ (93,114)
April	5,706,794	6,020,815	6,421,390	5,107,339	0.13707	\$ 700,063	0.11500	\$ 587,344	\$ (112,719)
May	5,152,664	5,421,390	5,724,813	5,458,084	0.09290	\$ 507,034	0.11500	\$ 627,450	\$ 120,416
June	5,560,748	5,724,813	6,563,952	6,399,891	0.11500	\$ 735,987	0.11500	\$ 735,987	\$ -
July	6,513,880	6,563,952	7,508,262	6,458,190	0.10305	\$ 674,667	0.09902	\$ 636,550	\$ (38,117)
August	7,445,817	7,508,262	9,080,344	9,057,869	0.10232	\$ 928,804	0.10348	\$ 937,211	\$ 10,807
September	6,783,450	9,080,344	8,497,498	6,200,604	0.11573	\$ 649,056	0.12176	\$ 968,506	\$ 49,450
October	6,361,117	8,497,498	8,102,200	7,965,819	0.14954	\$ 1,191,209	0.12806	\$ 1,020,103	\$ (171,106)
November	7,268,624	8,102,200	6,607,475	7,664,299	0.11670	\$ 922,432	0.11705	\$ 925,188	\$ 2,757
December	6,555,942	6,607,475	6,080,028	6,028,095	0.10704	\$ 659,327	0.10558	\$ 647,606	\$ (11,721)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	90,336,880	89,325,058	86,376,142	87,387,963		\$ 9,815,557		\$ 9,820,361	\$ 4,804

Annual Non-RPP Class B Wholesale kWh *	Annual Non-RPP Class B Retail billed kWh (excludes April to June 2020)	Annual Unaccounted for Energy Loss kWh	Weighted Average GA Actual Rate Paid (\$/kWh)**	Expected GA Volume Variance (\$)
O	P	Q=O-P	R	P*Q-R
70,074,005	70,424,651	- 350,646	0.11163	\$ (39,144)

\*Equal to (AGEW - Class A + embedded generation kWh)/(Non-RPP Class B retail kWh/Total retail Class B kWh). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.  
 \*\*Equal to annual Non-RPP Class B \$ GA paid (i.e. non-RPP portion of CT 148 on IESO Invoicing) divided by Non-RPP Class B Wholesale kWh (as quantified in column O in the table above). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

Total Expected GA Variance \$ (34,340)

Calculated Loss Factor 1.0376  
 Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW 1.0393  
 Difference -0.0017

a) Please provide an explanation in the text box below if columns G and H for unbilled consumption are not used in the table above.

Not applicable.

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

Not Applicable.

Note 5 Reconciling Items

Item	Amount	Explanation	Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ (238,251)		Principal Adjustment on OVA Continuity Schedule
CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ -	Reversal from 2019 GA Analysis Workform	Yes
CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ 6,554		Yes
Remove prior year end unbilled to actual revenue differences	\$ (1,097)	Reversal from 2019 GA Analysis Workform	Yes
2b Add current year end unbilled to actual revenue differences	\$ (3,174)		Yes
Significant prior period billing adjustments recorded in current year			
Significant current period billing adjustments recorded in prior year(s)			
CT 2148 for prior period corrections			
5 Impacts of GA deferral	\$ 187,811	GA Deferral Impact due to rates freeze from Apr - June. See Application (Manager's Summary) for additional	No
6			
7			
8			
9			
10			
11			

Note 6 Adjusted Net Change in Principal Balance in the GL \$ (48,157)  
 Net Change in Expected GA Balance in the Year Per Analysis \$ (34,340)  
 Unresolved Difference \$ (13,817)  
 Unresolved Difference as % of Expected GA Payments to IESO -0.1%



## Account 1588 Reasonability

Note 7 **Account 1588 Reasonability Test**

Year	Account 1588 - RSVA Power			Account 4705 - Power Purchased	Account 1588 as % of Account 4705
	Transactions <sup>1</sup>	Principal Adjustments <sup>1</sup>	Total Activity in Calendar Year		
2020	- 189,039	13,203	- 175,836	35,507,501	-0.5%
Cumulative	- 189,039	13,203	- 175,836	35,507,501	-0.5%

### Notes

- 1) The transactions should equal the "Transaction" column in the DVA Continuity Schedule. This is also expected to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Principal adjustments should equal the "Principal Adjustments" column in the DVA Continuity Schedule. Principal adjustments adjust the transactions in the general ledger to the amount that should be requested for disposition.

GA Analysis Workform -  
Account 1588 and 1589  
Principal Adjustment Reconciliation

Note 8 Breakdown of principal adjustments included in last approved balance:

Account 1589 - RSVA Global Adjustment			
Adjustment Description		Amount	To be reversed in current application?
1	Reversal of 2019 True-up of GA Charges based on Actual Non-RPP	24,817	No
2	Unbilled to actual revenue differences	1,097	Yes
3			
4			
5			
6			
7			
8			
Total		25,914	
Total principal adjustments included in last approved balance		25,914	
Difference		0	

Account 1588 - RSVA Power			
Adjustment Description		Amount	To be Reversed in Current Application?
1	Reversal of IESO Purchase Accrual True Up	34,127	No
2	Reversal of CT142 True Up for Jul-Aug 2018 GA Rate	(101,354)	No
3	Reversal of CT142 True Up	(22,089)	No
4	Reversal of 2019 Unbilled to actual revenue differences	(16,238)	Yes
5			
6			
7			
8			
Total		(105,555)	
Total principal adjustments included in last approved balance		(105,555)	
Difference		0	

Note 9 Principal adjustment reconciliation in current application:

Notes

- 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
- 3) The "Variance RRR vs. 2020 Balance" column in the DVA Continuity Schedule should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.
- 4) Principal adjustments to the pro-ration of CT 148 true-ups (i.e. principal adjustment #1 in tables below) are expected to be equal and offsetting between Account 1588 and Account 1589, if not, please explain. If this results in further adjustments to RPP settlements, this should be shown separately as a principal adjustment to CT 1142/142 (i.e. principal adjustment #2 in tables below)

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2 Unbilled to actual revenue differences	(1,097)	2020
	3		
	4		
	5		
	6		
	7		
	8		
Total Reversal Principal Adjustments		(1,097)	
2020	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	6,554	2021
	2 Unbilled to actual revenue differences	(3,174)	2021
	3		
	4		
	5		
	6		
	7		
	8		
Total Current Year Principal Adjustments		3,381	
Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model		2,284	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2		
	3		
	4 Reversal of 2019 Unbilled to actual revenue differences	16,238	2,020
	5		
	6		
	7		
	8		
Total Reversal Principal Adjustments		16,238	
	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142/142 true-up based on actuals		
	3 Unbilled to actual revenue differences	(3,035)	2,021
	4		
	5		
	6		
	7		
	8		
Total Current Year Principal Adjustments		(3,035)	
Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model		13,203	

# **ATTACHMENT K**

## Entegrus-St. Thomas Proposed Rates

**Entegrus Powerlines Inc.**  
**For Former St. Thomas Energy Rate Zone**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2022**

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

EB-2021-0017

## 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 Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.39
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0027)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0090
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0068

## MONTHLY RATES AND CHARGES - Regulatory Component

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



# Entegrus Powerlines Inc.

## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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 Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	26.03
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0177
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0028)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0090
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062

#### 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

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## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously  
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### 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.

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

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

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	81.12
Distribution Volumetric Rate	\$/kW	3.8834
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0027)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	0.2245
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.4161)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.0173)
Retail Transmission Rate - Network Service Rate	\$/kW	3.6275
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5645

#### 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

# Entegrus Powerlines Inc.

## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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### 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.

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### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.25
Distribution Volumetric Rate	\$/kW	6.3509
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0028)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2798
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6103

### 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

# Entegrus Powerlines Inc.

## For Former St. Thomas Energy Rate Zone

### TARIFF OF RATES AND CHARGES

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### 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

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### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.01
Distribution Volumetric Rate	\$/kW	0.0392
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0027)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	0.0298
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.4355)
Retail Transmission Rate - Network Service Rate	\$/kW	2.7971
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9775

### 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

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### **microFIT SERVICE CLASSIFICATION**

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

### **APPLICATION**

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

Service Charge	\$	10.00
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#### ALLOWANCES

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

#### SPECIFIC SERVICE CHARGES

##### APPLICATION

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

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##### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
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 (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

##### Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments) - Approved on an Interim Basis	\$	45.48
Disconnect/Reconnect at customer's request - at meter during regular hours	\$	65.00

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### RETAIL SERVICE CHARGES (if applicable)

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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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	106.53
Monthly Fixed Charge, per retailer	\$	42.62
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.63)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.53
Processing fee, per request, applied to the requesting party	\$	1.06
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)	\$	4.26
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.13

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**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 L**

## Entegrus-St. Thomas Bill Impacts

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.

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of June 2021 of \$0.2689/kWh (IESO's Monthly Market Report for June 2021) 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

[illegible]

Table 2

[illegible]

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	750	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
Monthly Service Charge	\$ 27.82	1	\$ 27.82	\$ 28.39	1	\$ 28.39	\$ 0.57	2.05%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0001	750	\$ 0.08	\$ -	750	\$ -	\$ (0.08)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 27.90			\$ 28.39	\$ 0.50	1.77%
Line Losses on Cost of Power	\$ 0.1034	29	\$ 3.05	\$ 0.1034	29	\$ 3.05	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0002	750	\$ (0.15)	-\$ 0.0012	750	\$ (0.90)	\$ (0.75)	500.00%
CBR Class B Rate Riders	-\$ 0.0001	750	\$ (0.08)	\$ -	750	\$ -	\$ 0.08	-100.00%
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 31.29			\$ 31.11	\$ (0.18)	-0.58%
RTSR - Network	\$ 0.0073	779	\$ 5.69	\$ 0.0090	779	\$ 7.02	\$ 1.33	23.29%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0065	779	\$ 5.07	\$ 0.0068	779	\$ 5.30	\$ 0.23	4.62%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 42.05			\$ 43.42	\$ 1.38	3.28%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	779	\$ 2.65	\$ 0.0034	779	\$ 2.65	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	779	\$ 0.39	\$ 0.0005	779	\$ 0.39	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	480	\$ 39.36	\$ 0.0820	480	\$ 39.36	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	135	\$ 15.26	\$ 0.1130	135	\$ 15.26	\$ -	0.00%
TOU - On Peak	\$ 0.1700	135	\$ 22.95	\$ 0.1700	135	\$ 22.95	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 122.90			\$ 124.28	\$ 1.38	1.12%
HST	13%		\$ 15.98	13%		\$ 16.16	\$ 0.18	1.12%
Ontario Electricity Rebate	18.9%		\$ (23.23)	18.9%		\$ (23.49)	\$ (0.26)	-
<b>Total Bill on TOU</b>			\$ 115.65			\$ 116.95	\$ 1.30	1.12%

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
Monthly Service Charge	\$ 25.51	1	\$ 25.51	\$ 26.03	1	\$ 26.03	\$ 0.52	2.04%
Distribution Volumetric Rate	\$ 0.0173	2000	\$ 34.60	\$ 0.0177	2000	\$ 35.40	\$ 0.80	2.31%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0006	2000	\$ 1.20	\$ 0.0013	2000	\$ 2.60	\$ 1.40	116.67%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 61.31</b>			<b>\$ 64.03</b>	<b>\$ 2.72</b>	<b>4.44%</b>
Line Losses on Cost of Power	\$ 0.1034	79	\$ 8.13	\$ 0.1034	79	\$ 8.13	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0002	2,000	\$ (0.40)	-\$ 0.0012	2,000	\$ (2.40)	\$ (2.00)	500.00%
CBR Class B Rate Riders	-\$ 0.0001	2,000	\$ (0.20)	\$ -	2,000	\$ -	\$ 0.20	-100.00%
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 69.41</b>			<b>\$ 70.33</b>	<b>\$ 0.92</b>	<b>1.33%</b>
RTSR - Network	\$ 0.0073	2,079	\$ 15.17	\$ 0.0090	2,079	\$ 18.71	\$ 3.53	23.29%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	2,079	\$ 12.26	\$ 0.0062	2,079	\$ 12.89	\$ 0.62	5.08%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 96.85</b>			<b>\$ 101.92</b>	<b>\$ 5.08</b>	<b>5.24%</b>
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	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	1,280	\$ 104.96	\$ 0.0820	1,280	\$ 104.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	360	\$ 40.68	\$ 0.1130	360	\$ 40.68	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 312.04</b>			<b>\$ 317.12</b>	<b>\$ 5.08</b>	<b>1.63%</b>
HST	13%		\$ 40.57	13%		\$ 41.23	\$ 0.66	1.63%
Ontario Electricity Rebate	18.9%		\$ (58.98)	18.9%		\$ (59.94)	\$ (0.96)	
<b>Total Bill on TOU</b>			<b>\$ 293.63</b>			<b>\$ 298.41</b>	<b>\$ 4.78</b>	<b>1.63%</b>

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	43,800	kWh
Demand	100	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
Monthly Service Charge	\$ 79.49	1	\$ 79.49	\$ 81.12	1	\$ 81.12	\$ 1.63	2.05%
Distribution Volumetric Rate	\$ 3.8054	100	\$ 380.54	\$ 3.8834	100	\$ 388.34	\$ 7.80	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.1113	100	\$ 11.13	\$ 0.2245	100	\$ 22.45	\$ 11.32	101.71%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 471.16</b>			<b>\$ 491.91</b>	<b>\$ 20.75</b>	<b>4.40%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.0687	100	\$ (6.87)	-\$ 0.4334	100	\$ (43.34)	\$ (36.47)	530.86%
CBR Class B Rate Riders	-\$ 0.0271	100	\$ (2.71)	\$ -	100	\$ -	\$ 2.71	-100.00%
GA Rate Riders	\$ 0.0007	43,800	\$ 30.66	\$ 0.0027	43,800	\$ (118.26)	\$ (148.92)	-485.71%
Low Voltage Service Charge	\$ -	100	\$ -	\$ -	100	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	100	\$ -	\$ -	100	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 492.24</b>			<b>\$ 330.31</b>	<b>\$ (161.93)</b>	<b>-32.90%</b>
RTSR - Network	\$ 2.9304	100	\$ 293.04	\$ 3.6275	100	\$ 362.75	\$ 69.71	23.79%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.4464	100	\$ 244.64	\$ 2.5645	100	\$ 256.45	\$ 11.81	4.83%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 1,029.92</b>			<b>\$ 949.51</b>	<b>\$ (80.41)</b>	<b>-7.81%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	45,521	\$ 154.77	\$ 0.0034	45,521	\$ 154.77	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	45,521	\$ 22.76	\$ 0.0005	45,521	\$ 22.76	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.2689	45,521	\$ 12,240.69	\$ 0.2689	45,521	\$ 12,240.69	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 13,448.39</b>			<b>\$ 13,367.98</b>	<b>\$ (80.41)</b>	<b>-0.60%</b>
HST	13%		\$ 1,748.29	13%		\$ 1,737.84	\$ (10.45)	-0.60%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 15,196.68</b>			<b>\$ 15,105.82</b>	<b>\$ (90.86)</b>	<b>-0.60%</b>

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	150	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
Monthly Service Charge	\$ 5.14	1	\$ 5.14	\$ 5.25	1	\$ 5.25	\$ 0.11	2.14%
Distribution Volumetric Rate	\$ 6.2233	150	\$ 933.50	\$ 6.3509	150	\$ 952.64	\$ 19.14	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 938.64</b>			<b>\$ 957.89</b>	<b>\$ 19.25</b>	<b>2.05%</b>
Line Losses on Cost of Power	\$ 0.1034	6	\$ 0.61	\$ 0.1034	6	\$ 0.61	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0002	150	\$ (0.03)	-\$ 0.0012	150	\$ (0.18)	\$ (0.15)	500.00%
CBR Class B Rate Riders	-\$ 0.0001	150	\$ (0.02)	\$ -	150	\$ -	\$ 0.02	-100.00%
GA Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
Low Voltage Service Charge	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 939.20</b>			<b>\$ 958.31</b>	<b>\$ 19.12</b>	<b>2.04%</b>
RTSR - Network	\$ 1.8414	156	\$ 287.07	\$ 2.2798	156	\$ 355.41	\$ 68.34	23.81%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.5357	156	\$ 239.41	\$ 1.6103	156	\$ 251.04	\$ 11.63	4.86%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 1,465.67</b>			<b>\$ 1,564.76</b>	<b>\$ 99.09</b>	<b>6.76%</b>
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%
TOU - Off Peak	\$ 0.0820	96	\$ 7.87	\$ 0.0820	96	\$ 7.87	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	27	\$ 3.05	\$ 0.1130	27	\$ 3.05	\$ -	0.00%
TOU - On Peak	\$ 0.1700	27	\$ 4.59	\$ 0.1700	27	\$ 4.59	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 1,482.04</b>			<b>\$ 1,581.13</b>	<b>\$ 99.09</b>	<b>6.69%</b>
HST	13%		\$ 192.67	13%		\$ 205.55	\$ 12.88	6.69%
Ontario Electricity Rebate	18.9%		\$ (280.11)	18.9%		\$ (298.83)	\$ (18.73)	
<b>Total Bill on TOU</b>			<b>\$ 1,394.60</b>			<b>\$ 1,487.85</b>	<b>\$ 93.24</b>	<b>6.69%</b>

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	110,000	kWh
Demand	415	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
Monthly Service Charge	\$ 3.93	5000	\$ 19,650.00	\$ 4.01	5000	\$ 20,050.00	\$ 400.00	2.04%
Distribution Volumetric Rate	\$ 0.0384	415	\$ 15.94	\$ 0.0392	415	\$ 16.27	\$ 0.33	2.08%
Fixed Rate Riders	\$ -	5000	\$ -	\$ -	5000	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0101	415	\$ 4.19	\$ 0.0298	415	\$ 12.37	\$ 8.18	195.05%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 19,670.13</b>			<b>\$ 20,078.64</b>	<b>\$ 408.51</b>	<b>2.08%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.0643	415	\$ (26.68)	-\$ 0.4355	415	\$ (180.73)	\$ (154.05)	577.29%
CBR Class B Rate Riders	-\$ 0.0265	415	\$ (11.00)	\$ -	415	\$ -	\$ 11.00	-100.00%
GA Rate Riders	\$ 0.0007	110,000	\$ 77.00	-\$ 0.0027	110,000	\$ (297.00)	\$ (374.00)	-485.71%
Low Voltage Service Charge	\$ -	415	\$ -	\$ -	415	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	5000	\$ -	\$ -	5000	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	5000	\$ -	\$ -	5000	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	415	\$ -	\$ -	415	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 19,709.45</b>			<b>\$ 19,600.90</b>	<b>\$ (108.54)</b>	<b>-0.55%</b>
RTSR - Network	\$ 2.2596	415	\$ 937.73	\$ 2.7971	415	\$ 1,160.80	\$ 223.06	23.79%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8864	415	\$ 782.86	\$ 1.9775	415	\$ 820.66	\$ 37.81	4.83%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 21,430.04</b>			<b>\$ 21,582.36</b>	<b>\$ 152.33</b>	<b>0.71%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	114,323	\$ 388.70	\$ 0.0034	114,323	\$ 388.70	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	114,323	\$ 57.16	\$ 0.0005	114,323	\$ 57.16	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	5000	\$ 1,250.00	\$ 0.25	5000	\$ 1,250.00	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.2689	114,323	\$ 30,741.45	\$ 0.2689	114,323	\$ 30,741.45	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 53,867.35</b>			<b>\$ 54,019.68</b>	<b>\$ 152.33</b>	<b>0.28%</b>
HST	13%		\$ 7,002.76	13%		\$ 7,022.56	\$ 19.80	0.28%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 60,870.11</b>			<b>\$ 61,042.23</b>	<b>\$ 172.13</b>	<b>0.28%</b>

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	<b>Non-RPP (Retailer)</b>	
Consumption	700	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
Monthly Service Charge	\$ 27.82	1	\$ 27.82	\$ 28.39	1	\$ 28.39	\$ 0.57	2.05%
Distribution Volumetric Rate	\$ -	700	\$ -	\$ -	700	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0001	700	\$ 0.07	\$ -	700	\$ -	\$ (0.07)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 27.89			\$ 28.39	\$ 0.50	1.79%
Line Losses on Cost of Power	\$ 0.2689	28	\$ 7.40	\$ 0.2689	28	\$ 7.40	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0002	700	\$ (0.14)	-\$ 0.0012	700	\$ (0.84)	\$ (0.70)	500.00%
CBR Class B Rate Riders	-\$ 0.0001	700	\$ (0.07)	\$ -	700	\$ -	\$ 0.07	-100.00%
GA Rate Riders	\$ 0.0007	700	\$ 0.49	-\$ 0.0027	700	\$ (1.89)	\$ (2.38)	-485.71%
Low Voltage Service Charge	\$ -	700	\$ -	\$ -	700	\$ -	\$ -	
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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 36.14			\$ 33.63	\$ (2.51)	-6.95%
RTSR - Network	\$ 0.0073	728	\$ 5.31	\$ 0.0090	728	\$ 6.55	\$ 1.24	23.29%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0065	728	\$ 4.73	\$ 0.0068	728	\$ 4.95	\$ 0.22	4.62%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 46.18			\$ 45.12	\$ (1.05)	-2.28%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	728	\$ 2.47	\$ 0.0034	728	\$ 2.47	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	728	\$ 0.36	\$ 0.0005	728	\$ 0.36	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.2689	700	\$ 188.23	\$ 0.2689	700	\$ 188.23	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 237.24			\$ 236.19	\$ (1.05)	-0.44%
HST	13%		\$ 30.84	13%		\$ 30.70	\$ (0.14)	-0.44%
Ontario Electricity Rebate	18.9%		\$ (44.84)	18.9%		\$ (44.64)		
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 268.09			\$ 266.89	\$ (1.19)	-0.44%



Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	323	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
Monthly Service Charge	\$ 27.82	1	\$ 27.82	\$ 28.39	1	\$ 28.39	\$ 0.57	2.05%
Distribution Volumetric Rate	\$ -	323	\$ -	\$ -	323	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0001	323	\$ 0.03	\$ -	323	\$ -	\$ (0.03)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 27.85			\$ 28.39	\$ 0.54	1.93%
Line Losses on Cost of Power	\$ 0.1034	13	\$ 1.31	\$ 0.1034	13	\$ 1.31	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0002	323	\$ (0.06)	-\$ 0.0012	323	\$ (0.39)	\$ (0.32)	500.00%
CBR Class B Rate Riders	-\$ 0.0001	323	\$ (0.03)	\$ -	323	\$ -	\$ 0.03	-100.00%
GA Rate Riders	\$ -	323	\$ -	\$ -	323	\$ -	\$ -	
Low Voltage Service Charge	\$ -	323	\$ -	\$ -	323	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	323	\$ -	\$ -	323	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 29.64			\$ 29.89	\$ 0.25	0.83%
RTSR - Network	\$ 0.0073	336	\$ 2.45	\$ 0.0090	336	\$ 3.02	\$ 0.57	23.29%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0065	336	\$ 2.18	\$ 0.0068	336	\$ 2.28	\$ 0.10	4.62%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 34.27			\$ 35.19	\$ 0.92	2.68%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	336	\$ 1.14	\$ 0.0034	336	\$ 1.14	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	336	\$ 0.17	\$ 0.0005	336	\$ 0.17	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	207	\$ 16.95	\$ 0.0820	207	\$ 16.95	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	58	\$ 6.57	\$ 0.1130	58	\$ 6.57	\$ -	0.00%
TOU - On Peak	\$ 0.1700	58	\$ 9.88	\$ 0.1700	58	\$ 9.88	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 69.23			\$ 70.15	\$ 0.92	1.33%
HST	13%		\$ 9.00	13%		\$ 9.12	\$ 0.12	1.33%
Ontario Electricity Rebate	18.9%		\$ (13.09)	18.9%		\$ (13.26)	\$ (0.17)	
<b>Total Bill on TOU</b>			\$ 65.15			\$ 66.01	\$ 0.86	1.33%

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	323	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
Monthly Service Charge	\$ 27.82	1	\$ 27.82	\$ 28.39	1	\$ 28.39	\$ 0.57	2.05%
Distribution Volumetric Rate	\$ -	323	\$ -	\$ -	323	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0001	323	\$ 0.03	\$ -	323	\$ -	\$ (0.03)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 27.85			\$ 28.39	\$ 0.54	1.93%
Line Losses on Cost of Power	\$ 0.2689	13	\$ 3.41	\$ 0.2689	13	\$ 3.41	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0002	323	\$ (0.06)	\$ 0.0012	323	\$ (0.39)	\$ (0.32)	500.00%
CBR Class B Rate Riders	\$ 0.0001	323	\$ (0.03)	\$ -	323	\$ -	\$ 0.03	-100.00%
GA Rate Riders	\$ 0.0007	323	\$ 0.23	\$ 0.0027	323	\$ (0.87)	\$ (1.10)	-485.71%
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	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	323	\$ -	\$ -	323	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 31.96			\$ 31.11	\$ (0.85)	-2.66%
RTSR - Network	\$ 0.0073	336	\$ 2.45	\$ 0.0090	336	\$ 3.02	\$ 0.57	23.29%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0065	336	\$ 2.18	\$ 0.0068	336	\$ 2.28	\$ 0.10	4.62%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 36.60			\$ 36.42	\$ (0.18)	-0.49%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	336	\$ 1.14	\$ 0.0034	336	\$ 1.14	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	336	\$ 0.17	\$ 0.0005	336	\$ 0.17	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.2689	323	\$ 86.85	\$ 0.2689	323	\$ 86.85	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 124.76			\$ 124.58	\$ (0.18)	-0.14%
HST		13%	\$ 16.22		13%	\$ 16.20	\$ (0.02)	-0.14%
Ontario Electricity Rebate		18.9%	\$ (23.58)		18.9%	\$ (23.55)		
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 140.98			\$ 140.78	\$ (0.20)	-0.14%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
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
Monthly Service Charge	\$ 25.51	1	\$ 25.51	\$ 26.03	1	\$ 26.03	\$ 0.52	2.04%
Distribution Volumetric Rate	\$ 0.0173	2000	\$ 34.60	\$ 0.0177	2000	\$ 35.40	\$ 0.80	2.31%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0006	2000	\$ 1.20	\$ 0.0013	2000	\$ 2.60	\$ 1.40	116.67%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 61.31</b>			<b>\$ 64.03</b>	<b>\$ 2.72</b>	<b>4.44%</b>
Line Losses on Cost of Power	\$ 0.2689	79	\$ 21.14	\$ 0.2689	79	\$ 21.14	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0002	2,000	\$ (0.40)	-\$ 0.0012	2,000	\$ (2.40)	\$ (2.00)	500.00%
CBR Class B Rate Riders	-\$ 0.0001	2,000	\$ (0.20)	\$ -	2,000	\$ -	\$ 0.20	-100.00%
GA Rate Riders	\$ 0.0007	2,000	\$ 1.40	-\$ 0.0028	2,000	\$ (5.60)	\$ (7.00)	-500.00%
Low Voltage Service Charge	\$ -	2,000	\$ -		2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 83.82</b>			<b>\$ 77.74</b>	<b>\$ (6.08)</b>	<b>-7.25%</b>
RTSR - Network	\$ 0.0073	2,079	\$ 15.17	\$ 0.0090	2,079	\$ 18.71	\$ 3.53	23.29%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	2,079	\$ 12.26	\$ 0.0062	2,079	\$ 12.89	\$ 0.62	5.08%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 111.25</b>			<b>\$ 109.33</b>	<b>\$ (1.92)</b>	<b>-1.73%</b>
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								
Non-RPP Retailer Avg. Price	\$ 0.2689	2,000	\$ 537.80	\$ 0.2689	2,000	\$ 537.80	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 657.16</b>			<b>\$ 655.24</b>	<b>\$ (1.92)</b>	<b>-0.29%</b>
HST	13%		\$ 85.43	13%		\$ 85.18	\$ (0.25)	-0.29%
Ontario Electricity Rebate	18.9%		\$ (124.20)	18.9%		\$ (123.84)		
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 742.59</b>			<b>\$ 740.42</b>	<b>\$ (2.17)</b>	<b>-0.29%</b>

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	
Proposed/Approved Loss Factor	1.0393	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 79.49	1	\$ 79.49	\$ 81.12	1	\$ 81.12	\$ 1.63	2.05%
Distribution Volumetric Rate	\$ 3.8054	500	\$ 1,902.70	\$ 3.8834	500	\$ 1,941.70	\$ 39.00	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.1113	500	\$ 55.65	\$ 0.2245	500	\$ 112.25	\$ 56.60	101.71%
<b>Sub-Total A (excluding pass through)</b>			\$ 2,037.84			\$ 2,135.07	\$ 97.23	4.77%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.0687	500	\$ (34.35)	-\$ 0.4334	500	\$ (216.70)	\$ (182.35)	530.86%
CBR Class B Rate Riders	-\$ 0.0271	500	\$ (13.55)	\$ -	500	\$ -	\$ 13.55	-100.00%
GA Rate Riders	\$ 0.0007	162,500	\$ 113.75	-\$ 0.0027	162,500	\$ (438.75)	\$ (552.50)	-485.71%
Low Voltage Service Charge	\$ -	500	\$ -		500	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	500	\$ -	\$ -	500	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 2,103.69			\$ 1,479.62	\$ (624.07)	-29.67%
RTSR - Network	\$ 2.9304	500	\$ 1,465.20	\$ 3.6275	500	\$ 1,813.75	\$ 348.55	23.79%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.4464	500	\$ 1,223.20	\$ 2.5645	500	\$ 1,282.25	\$ 59.05	4.83%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 4,792.09			\$ 4,575.62	\$ (216.47)	-4.52%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	168,886	\$ 574.21	\$ 0.0034	168,886	\$ 574.21	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	168,886	\$ 84.44	\$ 0.0005	168,886	\$ 84.44	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.2689	168,886	\$ 45,413.51	\$ 0.2689	168,886	\$ 45,413.51	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 50,864.51			\$ 50,648.04	\$ (216.47)	-0.43%
HST	13%		\$ 6,612.39	13%		\$ 6,584.25	\$ (28.14)	-0.43%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 57,476.90			\$ 57,232.28	\$ (244.61)	-0.43%

# **ATTACHMENT M**

## Certificate of Evidence

### **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 2022 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]*

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**Chris Cowell**

Chief Financial & Regulatory Officer

Entegrus Powerlines Inc.