



**EPCOR Electricity Distribution  
Ontario Inc.**

*(Formerly Collus PowerStream Corp.)*

**ED-2002-0518**

**2019 Incentive Regulation Mechanism  
Electricity Distribution Rate Application**

**Board File Number EB-2018-0025**

**For Rates Effective May 1, 2019**

**Submitted on November 2, 2018**

**43 Stewart Road  
Collingwood, Ontario  
L9Y 0H4**



EPCOR Electricity Distribution Ontario Inc.  
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November 2, 2018

Board Secretary  
Ontario Energy Board  
PO Box 2319  
27th Floor 2300 Yonge Street  
Toronto ON M4P 1E4

Attn: Kirsten Walli

**RE: EPCOR Electricity Distribution Ontario Inc. (License ED-2002-0518)  
2018 4<sup>th</sup> Generation IRM Application EB-2018-0025**

In accordance with instructions released by the Ontario Energy Board (“OEB”) updating Chapter 3 of the *Filing Requirements for Electricity Distribution Rate Applications*, EPCOR submits its application for approval of the 4<sup>th</sup> Generation Incentive Rate-setting Mechanism (IRM4) based rates, effective May 1, 2019. An electronic copy of the Application has been filed on the OEB’s RESS Filing System and two (2) hard copies are enclosed.

Please note that the Incentive Regulation Model for 2019 Filers reflects the Utility Name as Collus PowerStream Corp. because the option for the new corporate EPCOR name does not yet exist in the current model version for selection.

If you have any questions, please do not hesitate to contact the undersigned at [theselink@epcor.com](mailto:theselink@epcor.com) or (705)445-1800 ext 2274.

Yours truly,

A handwritten signature in blue ink, appearing to read "T. Hesselink", is written over a horizontal yellow line.

Tim Hesselink, CPA, CGA  
Manager, Regulatory Affairs

# **EPCOR Electricity Distribution Ontario Inc.**

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**Board File Number EB-2018-0025**

**2019 Incentive Regulation Mechanism  
Electricity Distribution Rate Application**

**MANAGER'S SUMMARY**

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- 1 • EPCOR is seeking approval for electricity distribution rates using the OEB's 2019  
2 IRM Rate Generator Model. EPCOR confirms that it has worked with OEB staff  
3 to request any adjustments to prepopulated values, and that the billing  
4 determinants in the models as filed are accurate, with exceptions as noted in this  
5 application.  
6
- 7 • EPCOR requests that, pursuant to Section 34.01 of the OEB's *Rules of Practice*  
8 *and Procedure*, this proceeding be conducted by way of written hearing.  
9
- 10 • The persons affected by this Application are the ratepayers of EPCOR's service  
11 territory.  
12
- 13 • The Applicant confirms that the application and related documents will be  
14 published on its website ([EPCOR.com](http://EPCOR.com)). The application will also be available for  
15 public review at our office located at 43 Stewart Road, Collingwood Ontario and  
16 will provide a copy for anyone requesting the material.  
17
- 18 • EPCOR is proposing that notices related to this Application appear in the  
19 *Collingwood Connection* newspaper. The *Collingwood Connection* is an unpaid  
20 local publication with an average circulation of approximately 12,000 per week. It  
21 is also available online at <https://www.simcoe.com/collingwood-on/>  
22
- 23 • The Applicant requests that a copy of all documents filed with the OEB in this  
24 proceeding be served on the Applicant at follows:  
25
- 26 Tim Hesselink, CPA, CGA  
27 Manager, Regulatory Affairs  
28 EPCOR Electricity Distribution Ontario Inc.  
29 43 Stewart Road  
30 Collingwood, ON L9Y 4M7  
31 Phone: (705) 445-1800 ext#2274  
32 [thesselink@epcor.com](mailto:thesselink@epcor.com)  
33
- 34 • In addition to the written evidence provided herein, the following live Microsoft  
35 Excel models have been filed in conjunction with the Application:  
36 • 2018\_0025\_2019 IRM Rate Generator Model  
37 • 2018\_0025\_EPCOR\_LRAMVA\_Work\_Form  
38 • 2018\_0025\_GA Analysis Workform - 2017 Disposal

## 1 **1. Introduction**

2 EPCOR has selected the Price Cap Incentive Rate-setting (“Price Cap IR”) option to file  
3 its 2019 Distribution Rate Application. In preparing this Application, EPCOR has complied  
4 with Chapter 3, Incentive Rate Setting Applications, of the Board’s Filing Requirements  
5 for Distribution Rate Applications – 2018 Edition for 2019 Rate Applications, dated July  
6 12, 2018 (the “Filing Requirements”).

7 All rates referenced in this Application and included in the accompanying 2019 Proposed  
8 Tariff of Rates and Charges are based on the output of the OEB’s 2018 IRM Rate  
9 Generator Model, as posted on the OEB website July 24, 2018 (the “2019 IRM Model” or  
10 the “Model”).

11 The application includes a completed *Lost Revenue Adjustment Mechanism Variance*  
12 *Account (LRAMVA) Work Form – Version 3.0*, as posted by the OEB on July 12, 2018 for  
13 the disposition of the 1568 balances for the year 2016 and a completed “*STS-Tax Change*”  
14 worksheet in the *2019 IRM Rate Generator model* for the sharing of the impact of  
15 legislated tax changes.

16 On March 22, 2018, EPCOR received a final OEB Decision and Rate Order for Rates  
17 effective May 1, 2018 (EB 2017-0034).

18 For greater clarity, EPCOR has not included in this Application any claims, changes,  
19 requests or proposals in relation to any of the following items:

- 20 • Z-factor claims
- 21 • Advanced Capital Module
- 22 • Incremental Capital Module
- 23 • Eligible Investments

1    **Applicant Contact Information**

2    The primary contact for this Application is:

3    **Mr. Tim Hesselink**  
4    Manager, Regulatory Affairs  
5    EPCOR Electricity Distribution Ontario Inc.

6    Address for personal service and mailing address

7    43 Stewart Road  
8    Collingwood, ON  
9    L9Y 4M7

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12   E-mail: [thesselink@epcor.com](mailto:thesselink@epcor.com)

13   The secondary contact for this Application is:

14   **Ms. Cindy Shuttleworth**  
15   Senior Manager, Financial & Regulatory Reporting  
16   EPCOR Electricity Distribution Ontario Inc.

17   Address for personal service and mailing address:

18   43 Stewart Road  
19   Collingwood, ON  
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22   Facsimile: 705-445-8267

23   E-mail: [cshuttleworth@epcor.com](mailto:cshuttleworth@epcor.com)

24

25

26   DATED IN COLLINGWOOD, ONTARIO, THIS 2nd DAY OF NOVEMBER, 2018

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[Original signed by]

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Susannah Robinson  
Chief Executive Officer  
EPCOR Electricity Distribution Ontario Inc.



1 **2. Summary of Application**

2 EPCOR's current rates, effective May 1, 2018, were approved by the Board in its Decision  
3 dated March 30, 2017 on EPCOR's 2017 4<sup>th</sup> GIRM Application (EB-2017-0034).

4 Furthermore, as a condition of the share purchase agreement, a residential rate rider  
5 (credit) was approved and added as of October 1, 2018 as referenced in decision and rate  
6 order EB-2017-0373 AND EB-2017-0374

7 EPCOR is submitting a 4th GIRM Application for rates effective May 1, 2019.

8 EPCOR requests an Order or Orders approving:

- 9 1. Monthly Service Charge and Distribution Volumetric rates adjusted by the Board's  
10 price cap formula effective May 1, 2019;
- 11 2. A rate rider for Disposition of Group 1 Accounts
- 12 3. A rate rider for Disposition of Lost Revenue Adjustment Mechanism Variance  
13 Account (LRAMVA);
- 14 4. A rate rider with respect to the tax change amount from the impact of the legislated  
15 tax changes to be shared 50/50 between shareholders and ratepayers;
- 16 5. Updated Retail Transmission Service rates effective May 1, 2019; and
- 17 6. An order declaring EPCOR's current (i.e. 2018) rates as interim rates effective May  
18 1, 2019, and a rider that would allow for the recovery of any foregone incremental  
19 revenue between May 1, 2019 and the effective date of the Board's Rate Order if  
20 and only if the preceding approvals cannot be issued in time to implement final  
21 rates, effective May 1, 2019.

22

23

### 1 **3. Price Cap Adjustment**

2 The rates and tariffs entered in the Rate Generator Model are taken from the Board-  
3 approved 2018 Tariff of Rates and Charges, as per the Board Rate Order (EB-2017-0034)  
4 dated March 22, 2018 and attached to this Application as Appendix E.

5 EPCOR has the following rate classes:

- 6       ▪ Residential
- 7       ▪ General Service Less Than 50 kW
- 8       ▪ General Service 50 to 4,999 kW
- 9       ▪ Unmetered Scattered Load
- 10      ▪ Street Lighting

11 Since rebasing took place in 2013, EPCOR has one significant industrial customer who  
12 has now exceeded the General Service 50 to 4,999 kW consumption. An updated rate  
13 class will be included in the next Cost of Service, expected to be filed in August 2023. For  
14 the purposes of this application, this customer has been included in the General Service  
15 50 to 4,999 kW class.

16 In addition, EPCOR has one customer who is operating as a Wholesale Market Participant  
17 (WMP) in its service territory. This WMP is classified as a General Service 50 to 4,999 kW  
18 customer. EPCOR does not invoice this customer for the Wholesale Market Service  
19 Charge, Power or Global Adjustment and as a result, is not subject to certain rate riders  
20 for the disposition of Group 1 variance accounts.

21 The Price Cap index of 1.05% is calculated in the Board's Rate Generator model, based  
22 on the preliminary 4<sup>th</sup> GIRM parameters. This is determined using an inflation factor of  
23 1.20%, a productivity factor of 0.00%, and a stretch factor of 0.15% (Cohort II) based on  
24 the updated benchmarking study for use for rates effective in 2019. These values are  
25 expected to be revised with final factors before a decision and order is issued, which could  
26 impact rate calculations.

27

1 **4. Tax Changes**

2 The Board's 4<sup>th</sup> GIRM Supplemental Report determined that a 50/50 sharing of the impact  
3 of currently known legislated tax changes, as applied to the tax level reflected in the Board-  
4 approved base rates for a distributor, is appropriate. The tax costs to be shared in 2019  
5 are related to the income tax rate changes as shown on Schedule 8 – "*STS-Tax Change*"  
6 in the 2019 IRM Model.

7 At the time of filing this Application, the legislated tax rates for 2019 are changed from the  
8 tax rates which underpin the current distribution rates with respect to the availability of the  
9 Small Business Deduction which increases the tax rate. The additional tax cost is \$65,617  
10 as calculated by the Board's rate model. Under the Board's guidelines any tax savings or  
11 cost is shared 50% - 50% with ratepayers resulting in an amount of \$32,809 to be  
12 recovered from customers through the following the tax change rate riders:

- 13 • \$0.11 per customer for Residential
- 14 • \$0.0001 per kWh for General Service less than 50 kW
- 15 • \$0.0196 per kW for General Service greater than 50kW
- 16 • \$0.0001 per kWh for Unmetered Scattered Load
- 17 • \$0.3091 per kW for Street lighting

18 EPCOR recognizes that should further legislated tax changes for 2019 occur during the  
19 course of this proceeding, the tax change calculation may be updated and rate riders  
20 updated as part of the draft Rate Order process.

21

1 **5. Lost Revenue Adjustment Mechanism Variance**  
2 **Account (“LRAMVA”)**

3 In the *Guidelines for Electricity Distributor Conservation and Demand Management (EB-*  
4 *2012-0003)* (the “CDM Guidelines”), the Board approved the generic variance account,  
5 Account 1568 – LRAM Variance Account. This account was created in relation to the CDM  
6 programs for the 4-year period January 1, 2011 to December 31, 2014, in recognition of  
7 the new CDM targets assigned to distributors.

8 Distributors are required to calculate the variance between the actual CDM savings  
9 achieved and the level of CDM savings assumed in the setting of their rates. The variance  
10 in the CDM savings is to be calculated for each customer class and the approved rates  
11 applied to determine a dollar amount. These amounts are to be recorded in Account 1568  
12 and reported in the annual trial balance filed under electricity Reporting and Record-  
13 keeping Requirements (“RRR”) section 2.1.7.

14 EPCOR had new cost of service (“COS”) rates approved for 2013. This was the first COS  
15 filing where the load forecast incorporated the anticipated CDM savings related to the new  
16 CDM targets assigned to distributors.

17 In IRM submission EB-2017-0034, EPCOR was approved to dispose of 2013-2015  
18 balances.

19 EPCOR has calculated the LRAMVA for 2016 based on the Board’s guidance. The  
20 amounts booked are summarized in Table 5.1 below.

21 **Table 5.1: LRAMVA Disposition**

Description	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
	kWh	kWh	kW	kW	KWh	
2016 Actuals	\$58,866.85	\$72,090.96	\$11,730.95	\$0.00	\$0.00	<b>\$142,688.77</b>
2016 Forecast	<u>(\$22,730.55)</u>	<u>(\$7,440.26)</u>	<u>(\$34,367.02)</u>	<u>(\$2,955.01)</u>	<u>(\$55.27)</u>	<b><u>(\$67,548.12)</u></b>
<b>Variance</b>	<b>\$36,136.30</b>	<b>\$64,650.70</b>	<b>(\$22,636.07)</b>	<b>(\$2,955.01)</b>	<b>(\$55.27)</b>	<b>\$75,140.64</b>
Carrying Charges	<u>\$182.19</u>	<u>\$325.95</u>	<u>(\$114.12)</u>	<u>(\$14.90)</u>	<u>(\$0.28)</u>	<b><u>\$378.83</u></b>
<b>Total</b>	<b>\$36,318.49</b>	<b>\$64,976.65</b>	<b>(\$22,750.19)</b>	<b>(\$2,969.91)</b>	<b>(\$55.55)</b>	<b>\$75,519.48</b>

27 The amounts have been updated to match the IESO’s Final Verified Results.

1 The forecast in the original Cost of Service application was calculated based on expected  
2 savings prorated by class based on consumption. The actual results reveal savings above  
3 forecast in the Residential and GS<50 classes and below forecast in the GS>50 class.

4 Section 13.4 of the CDM Guidelines provides that “At a minimum, distributors must apply  
5 for disposition of the balance in the LRAMVA the time of their Cost of Service rate  
6 applications. Distributors may apply for the disposition of the balance in the LRAMVA on  
7 an annual basis, as part of their Incentive Regulation Mechanism rate applications, if the  
8 balance is deemed significant by the applicant.” EPCOR is making a request for  
9 disposition of the December 31, 2016 ending principal balance of \$75,140.64 plus carrying  
10 charges of \$378.83 as over 12 months as part of this application.

1 **6. Retail Transmission Service Rates**

2 EPCOR has adjusted its Retail Transmission Service Rates (RTSR) to recover the  
 3 wholesale transmission costs that it will be charging. EPCOR used the Board’s 2019  
 4 RTSR worksheets included in the 2019 IRM Rate Generator model and followed the  
 5 direction in the Board’s *Guideline: Electricity Distribution Retail Transmission Service*  
 6 *Rates, G-2008-0001, Revision 4.0, June 28, 2012.*

7 EPCOR has assumed no change in the wholesale transmission rates that it will be charged  
 8 for 2019. EPCOR is billed for transmission costs for all delivery points by Hydro One  
 9 Networks Inc. (HONI) and has entered HONI’s approved rates into the model. EPCOR  
 10 anticipates that information regarding 2019 wholesale transmission rates will be available  
 11 and that the RTSR Model will be updated with 2019 wholesale rates at the time of the draft  
 12 Rate Order filing. All of EPCOR’s transmission costs are invoiced from HONI.

13 EPCOR has determined the 2017 wholesale quantities billed. The 2017 wholesale  
 14 quantities and the 2018 approved wholesale rates were used to calculate the estimated  
 15 wholesale transmission costs for 2018 and for 2019.

16 **Table 6.1: Proposed RTSR Rates**

Transmission Rates	Billed at Current Rates	Forecast Wholesale Cost	Change \$	Change %
Network	\$ 1,837,917	\$ 1,837,917	\$ 0	0.00%
Connection	\$ 1,044,605	\$ 1,044,605	\$ 0	0.00%

1 **7. Deferral and Variance Accounts**

2 On July 31, 2009 the Board issued its Report on *Electricity Distributors' Deferral and*  
3 *Variance Account Review Initiative (EDDVAR)*. The EDDVAR Report sets out the policy  
4 framework for the review and disposition of deferral and variance accounts ("DVA") for  
5 electricity distributors. As part of this framework, the Board has decided to review certain  
6 deferral and variance accounts within a distributor's IRM application.

7 EPCOR has entered the data for the Group 1 Accounts into the appropriate schedules of  
8 the IRM Rate Generator model (Appendix C). Table 7.1 below summarizes the Group 1  
9 Account balances as at December 31, 2017, as per the model.

10 **Table 7.1: Summary of the Group 1 Account Balances**  
11 **at December 31, 2017**

Description	Account	Amount
LV Variance Account	1550	538,661
Smart Metering Entity Charge Variance Account	1551	(6,568)
RSVA - Wholesale Market Service Charge	1580	(313,440)
Variance WMS – Sub-account CBR Class A	1580	0
Variance WMS – Sub-account CBR Class B	1580	(2,444)
RSVA - Retail Transmission Network Charge	1584	3,799
RSVA - Retail Transmission Connection Charge	1586	2,734
RSVA - Power	1588	(263,496)
RSVA - Global Adjustment	1589	362,294
Disposition and Rec/Ref of Reg Balances (2012)	1595	0
Disposition and Rec/Ref of Reg Balances (2013)	1595	0
Disposition and Rec/Ref of Reg Balances (2014)	1595	0
Disposition and Rec/Ref of Reg Balances (2015)	1595	0
Disposition and Rec/Ref of Reg Balances (2016)	1595	0
Disposition and Rec/Ref of Reg Balances (2017)	1595	0
Disposition and Rec/Ref of Reg Balances (2018)	1595	<u>0</u>
<b>Total Group 1 Balance</b>		<b>\$321,538</b>
LRAM Variance Account	1568	<u>93,581</u>
<b>Total including Account 1568</b>		<b>\$415,119</b>
Threshold Test (Total claim per kWh)		\$0.0011

1 As shown in Table 7.1 above, the threshold of \$0.0010 per kWh debit or (credit) has been  
2 exceeded and as a result, EPCOR has requested disposition of Group 1 balances over a  
3 twelve month period.

4 EPCOR has reviewed and can confirm that the prepopulated billing determinants are  
5 correct with one exception. A variance exists in the account 1595- *Disposition and*  
6 *Recovery/Refund of Regulatory Balances (2012) line*. As submitted in 2017-0034, EPCOR  
7 had a closing balance of \$55,108 in account 1595- Disposition and Recovery/Refund of  
8 Regulatory Balances (2010). This account does not exist in the updated workbook for  
9 2018-0025 so these amounts were added to 1595 - *Disposition and Recovery/Refund of*  
10 *Regulatory Balances (2012) line* as per instruction from the OEB rate model team  
11 (calculation included below).<sup>1</sup>

12 The Board has also given distributors the opportunity to request disposition of the  
13 balances in Account 1568 – Lost Revenue Adjustment Variance account (LRAMVA). This  
14 is discussed in Section 5, LRAMVA, above. EPCOR is requesting to dispose of the  
15 Account 1568 balance in this Application.

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<sup>1</sup> December 2017 1595 - Disposition and Recovery/Refund of Regulatory Balances (2012) is a total of \$48,738 principal plus \$2,564 interest (2010) and \$6,369.79 principal plus (\$18,337) interest (2012)



## 1 **8. Global Adjustment (“GA”)**

2 EPCOR completes and files the “Regulated Price Plan vs. Market Price – Variance for  
3 Conventional Meters” and Regulated Price Plan vs Market Price – Variance for Smart  
4 Meters” data submissions with the Independent Electricity System Operator (“IESO”) by  
5 the fourth business day of each month as required.

6 EPCOR uses the IESO’s 1<sup>st</sup> GA estimate to bill its customers, which is applicable to all  
7 customer classes except for Class A.

8 The IESO data submission is filed using the 2<sup>nd</sup> monthly estimate of the GA.

9 A) The “Regulated Price Plan vs. Market Price – Variance for Conventional Meters”  
10 submission is completed by downloading the consumption information for the  
11 month from our settlement provider by each individual interval metered RPP tiered  
12 pricing customer and summarizing the data.

13  
14 B) The “Regulated Price Plan vs Market Price – Variance for Smart Meters”  
15 submission is completed by downloading the consumption information for the  
16 month from our settlement provider for the following calculation:

- 17 • Total System Load
- 18 • Less Non-RPP Interval Metered Customers
- 19 • Less Streetlighting
- 20 • Less Non-Designated Loads
  - 21 ○ non-interval metered spot rate customers
  - 22 ○ retail customers: settlement information for the current
  - 23 month is not available for retail customers so billed
  - 24 information for the month from the billing system is used as
  - 25 an estimate.

26 When EPCOR receives the IESO invoice on the tenth business day of the month, the  
27 actual class B GA charged to EPCOR is reconciled and trued up to the estimate as filed.  
28 The calculated difference is then entered as an adjustment in the following month’s data  
29 submission.

1 Line 148 of the IESO invoice “Class B Global Adjustment Settlement Amount” is allocated  
2 in a percentage split to account “4705 Power Purchased” and “4707 Charges – Global  
3 Adjustment” based on a comprehensive excel work form which summarizes all the above  
4 noted consumption data. The split allocates the class B GA charged by the IESO to the  
5 RPP and Non-RPP customers as follows, using A and B as defined on the previous page.

6 Power Purchased: (RPP)  $(A + B) / \text{Total System Load}$

7 Charges GA: (Non-RPP)  $\text{Total System Load} - (A + B) / \text{Total System Load}$

8 These amounts are posted to the general ledger only after the IESO invoice arrives and  
9 the splits are determined.

10 EPCOR bills its customers on a cyclical basis. EPCOR has the following billing cycles;

- 11 • Residential, General Service Less than 50 kW and Unmetered Scattered Load,  
12 the cycles below are billed on a non-calendar monthly basis
  - 13 ○ 4 cycles for Collingwood, 1 cycle billed each week
  - 14 ○ 1 cycle for Stayner, billed every four weeks in conjunction with one  
15 Collingwood cycle
  - 16 ○ 1 cycle for Creemore, billed every four weeks in conjunction with one  
17 Collingwood cycle
  - 18 ○ 1 cycle for Thornbury, billed every four weeks in conjunction with one  
19 Collingwood cycle
- 20 • General Service greater than 50 kW and Streetlighting
  - 21 ○ 1 cycle billed on a calendar month

22 EPCOR receives the GA calculations for each Class B non-RPP customer from Utilismart  
23 who provides EPCOR with Settlement Services. The Class B GA is imported into the  
24 billing system daily to align with consumption.

25 For billing purposes, EPCOR uses the following GA calculation for non-RPP customers;

- 26 • Residential and General Service less than 50 kW are billed a weighted average  
27 GA of the 1<sup>st</sup> monthly GA estimate based on the number of days in each month of  
28 the billing cycle
- 29 • General Service greater than 50 kW are billed the 1<sup>st</sup> monthly GA estimate

1 EPCOR records unbilled revenue in the accounting system monthly and reverses it in the  
2 subsequent month. The monthly unbilled amounts are based on estimation for January  
3 to November. The components of a customer's most recent bill are divided by the number  
4 of days in the billing period. Then the estimated daily revenue is multiplied by the  
5 remaining days to month-end. The estimation technique is not used for year-end. The  
6 monthly unbilled amounts for December are recorded based on actual consumption. The  
7 billing system is set-up for a rate change on January 1 with no actual change to the rates  
8 occurring. This allows the billing system to split bills processed in January and February  
9 of the new year between revenue earned before and after December 31<sup>st</sup>. Therefore,  
10 exactly correct unbilled consumption and dollars is posted for the year.

11 As of December 31, 2016, EPCOR only had one Class A GA customer. Due to the  
12 expansion of the IESO Industrial Conservation Initiative (ICI), the number of customers  
13 has increased to five as of July 1, 2017. The global adjustment for Class A customers is  
14 billed using line 147 of the IESO invoice allocated based on each customer's contribution  
15 to the total peak demand factor.

16 In order to true up RPP estimates, EPCOR completes a quarterly reconciliation process  
17 based on actual billed amounts by RPP category (TOU and Tiered Pricing Class). An  
18 export of the verified billing data is downloaded and categorized in a spreadsheet based  
19 on consumption period. This data is compared with originally submitted estimates  
20 (explained above) and variances are posted via the RPP settlement process as well as  
21 adjustments to GA/Power Allocations.

22 EPCOR completes the IESO's Embedded Generation Information submission, which  
23 provides the total kWh generated as well as the total billed to its five Class A customers.

#### 24 **Global Adjustment Work Form & Reconciliation**

25 As part of this application, EPCOR is requesting to dispose of its RSVA – Global  
26 Adjustment account. A requirement for disposition is the completion of the GA Analysis  
27 Work form to reconcile balances between what was billed to ratepayers and what was  
28 charged to the IESO within a variance tolerance of 1%. 2018\_0025\_GA Analysis  
29 Workform - 2017 Disposal has been included as part of this application.

30 As reported in the 2017 Annual RRR, EPCOR Non-RPP Class B customers consumed  
31 88.65 MWh, which results in a 94.91 MWh loss adjusted value. The variance between the

1 Global Adjustment billed and the Global Adjustment charged was expected to \$106,748.  
2 The Net Change in Principal Balance in the GL was \$575,610. The following reconciliation  
3 items have been included in the GA Analysis Workform:

- 4 • (\$224,501) - RPP true-up value as the GA/Power determination was over allocated  
5 in original estimates. This change is reflected in the continuity schedule to properly  
6 account for disposal rate class allocation
- 7 • (\$7,629) – Variance between final long-term load transfer amounts posted and  
8 accrued
- 9 • (\$144,761) – Calculated difference between the expected Global Adjustment  
10 amount (as per published rates) compared to actual (as per the IESO invoice)

	Billed		Expected		Variance
	Calculated Rate	GA \$	IESO Posted Rate	GA\$ Allocation	
January	0.08053	818,907.59	0.08227	836,596.48	17,688.89
February	0.08458	792,112.91	0.08639	809,023.17	16,910.26
March	0.06969	667,697.25	0.07135	683,634.74	15,937.49
April	0.11934	1,047,352.21	0.10778	945,877.95	(101,474.26)
May	0.11995	1,032,482.03	0.12307	1,059,329.85	26,847.82
June	0.14010	1,241,454.01	0.11848	1,049,882.06	(191,571.95)
July	0.09516	652,668.90	0.11280	773,630.73	120,961.83
August	0.09886	711,341.17	0.10109	727,409.78	16,068.61
September	0.09343	678,825.08	0.08864	643,998.29	(34,826.79)
October	0.12787	872,555.41	0.12563	857,282.68	(15,272.73)
November	0.09409	677,952.71	0.09704	699,238.96	21,286.25
December	0.09699	734,996.61	0.09207	697,680.51	(37,316.10)
		<b>9,928,345.88</b>		<b>9,841,738.68</b>	<b>(\$144,760.67)</b>

TOTAL GA COSTS DIVIDED BY CONSUMPTION	TOTAL GA COSTS - SPLIT BETWEEN POWER/GA	EXPECTED GA RATE AS PER IESO WEBSITE	AMOUNT ALLOCATED TO GA Account (based on submitted allocation)	VARIANCE TO BE ACCOUNTED FOR ON THE GA WORKFORM
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11

12 After removal of these reconciliation items, an unresolved difference of \$91,972 remains  
13 which results in Unresolved Difference as % of Expected GA Payments to IESO of  
14 0.97% which is within the expected tolerance levels.

1 **9. Rate Change Summary and Bill Impacts**

2 Appendix A shows the proposed Tariff of Rates and Charges, incorporating the effect of  
3 the 2018 price cap adjustment and updated transmission rates.

4 Appendix B shows the resulting bill impacts, as calculated by the Board’s Rate Generator  
5 model.

6 Pursuant to EB-2012-0410 EPCOR will be finalizing the transition process towards fully  
7 fixed residential distribution rates effective May 1, 2019. Over a four year period,  
8 distribution rates have transformed from a calculation composed of both fixed & variable  
9 components to be being fully fixed.

10 **Table 9.1 Residential Rate Design**

Rates Effective	Fixed Component	Variable Component
May-15	42.5%	57.5%
May-16	56.9%	43.1%
May-17	71.3%	28.7%
May-18	85.6%	14.4%
May-19	100.0%	0.0%

11

12 Per section 3.2.3 of the *Filing Requirements for Electricity Distribution Rates Applications*  
13 – *2018 Edition for 2019 Rate Applications*, EPCOR has calculated the impact of the above  
14 change on its 10<sup>th</sup> percentile customers. EPCOR extracted its billing data for all customers  
15 who had 12 months of consumption in 2017. From the data set EPCOR calculated the  
16 10<sup>th</sup> percentile customers. The 10<sup>th</sup> percentile was calculated to be those customers with  
17 monthly consumption of 256 kWh or less. When the bill impact on these customers was  
18 calculated, their total bill impact was an increase of \$2.31 or 4.3% which is below OEB’s  
19 threshold of 10%. As a result, no mitigation plan is anticipated.

20

1 **Table 9.2: Summary of the Average Monthly Consumption per Percentile Grouping**

Avg. Monthly Consumption (kWh)	Percentile
256	10
343	20
424	30
499	40
575	50
668	60
779	70
927	80
1,190	90
4,738	100

2

3 **Bill Impacts for EPCOR:**

4 • A typical Residential customer using 690 kWh per month will see a decrease of  
5 (\$0.28) or (0.7%) in the Delivery line and a decrease of (\$0.30) or (0.3%) on the  
6 total monthly bill.

7 • A typical General Service less than 50 kW demand customer using 2,000 kWh per  
8 month will see a decrease of (\$2.22) or (2.4%) in the Delivery line and a decrease  
9 of (\$2.33) or (0.8%) on the total monthly bill.

10 • Class B General Service 50 to 4,999 kW demand customers (using 250 kW  
11 demand and consuming 86,000 kWh per month) will see an increase of \$333.21  
12 or 13.9% in Delivery and \$376.53 or 2.6% overall.

13 • The bill impacts calculated for other classes range from an increase of 2.7% for  
14 Unmetered Scattered Load to an increase of 1.1% for Street Lighting on the total  
15 monthly bill.

16

17

18

1  
2

**Table 9.2: Customer Bill Impacts per Rate Class**

RATE CLASSES / CATEGORIES	Units	Total	
		\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	(\$0.30)	(0.3%)
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	(\$2.33)	(0.8%)
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$376.53	2.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	\$0.70	2.7%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$47.75	1.1%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$2.77	1.9%
RESIDENTIAL SERVICE CLASSIFICATION – RPP 10 <sup>th</sup> Percentile	kWh	\$2.31	4.3%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$6.75	1.8%

3

# **Appendix A – Proposed 2019 Tariff Sheet**

**Board File Number EB-2018-0025**



**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

2018-0025

**RESIDENTIAL SERVICE CLASSIFICATION**

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

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (Based on 30 Day Month)	\$	25.33
Rate Rider for the Collus Powerstream and EPCOR Share Purchase Agreement - effective until September 30, 2023	\$	(0.25)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$	0.11
Low Voltage Service Rate	\$/kWh	0.0016
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0041
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0002)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0019
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	0.0016
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2020 Applicable only for Class B Customers	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
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**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
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		<b>2018-0025</b>
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
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2018-0025

**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 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 the Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (Based on 30 Day Month)	\$	21.45
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0141
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0041
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0014
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0002)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0019
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	0.0017
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2020 Applicable only for Class B Customers	\$/kWh	0.0001
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031

**MONTHLY RATES AND CHARGES - Regulatory Component**

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

**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
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2018-0025

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

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 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.

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.

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 the Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (Based on 30 Day Month)	\$	102.48
Distribution Volumetric Rate	\$/kW	3.3517
Low Voltage Service Rate	\$/kW	0.5215
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0041
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	(0.0731)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.8203)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.7685
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0019
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3853)

**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
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		<b>2018-0025</b>
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	1.3243
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2020 Applicable only for Class B Customers	\$/kW	0.0471
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kW	0.0196
Retail Transmission Rate - Network Service Rate	\$/kW	2.3499
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3160
<b>MONTHLY RATES AND CHARGES - Regulatory Component</b>		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Collus PowerStream Corp.**  
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2018-0025

**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 the Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (Based on 30 Day Month)	\$	0.52
Distribution Volumetric Rate	\$/kWh	0.0122
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0041
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0019
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	0.0020
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2020 Applicable only for Class B Customers	\$/kWh	0.0001
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

**Collus PowerStream Corp.**  
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Rural or Remote Electricity Rate Protection Charge (RRRP)  
Standard Supply Service - Administrative Charge (if applicable)

\$/kWh  
\$

**2018-0025**  
0.0003  
0.25

**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
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2018-0025

**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.

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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 the Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	3.75
Distribution Volumetric Rate	\$/kW	15.6309
Low Voltage Service Rate	\$/kW	0.4031
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0041
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	(0.8270)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.0463)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0019
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	0.8235
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2020 Applicable only for Class B Customers	\$/kW	0.0442
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kW	0.3091
Retail Transmission Rate - Network Service Rate	\$/kW	1.7722
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0174

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003



**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
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Standard Supply Service - Administrative Charge (if applicable)

\$

**2018-0025**  
0.25

**Collus PowerStream Corp.**  
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2018-0025

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

Service Charge	\$	5.40
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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**

Charge to certify cheque	\$	15.00
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00

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**2018-0025**

Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

**Non-Payment of Account**

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	20.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect at meter - during regular hours	\$	40.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00

**Other**

Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35

**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 the Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

2018-0025

**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

1.0710

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

1.0603

# **Appendix B – Bill Impacts Summary**

**Board File Number EB-2018-0025**





Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	690	kWh
Demand	-	kW
Current Loss Factor	1.0710	
Proposed/Approved Loss Factor	1.0710	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.41	1	\$ 21.41	\$ 25.33	1	\$ 25.33	\$ 3.92	18.31%
Distribution Volumetric Rate	\$ 0.0053	690	\$ 3.66	\$ -	690	\$ -	\$ (3.66)	-100.00%
Fixed Rate Riders	\$ 0.11	1	\$ 0.11	\$ (0.14)	1	\$ (0.14)	\$ (0.25)	-227.27%
Volumetric Rate Riders	\$ 0.0001	690	\$ 0.07	\$ 0.0003	690	\$ 0.21	\$ 0.14	200.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 25.25</b>			<b>\$ 25.40</b>	<b>\$ 0.15</b>	<b>0.60%</b>
Line Losses on Cost of Power	\$ 0.0820	49	\$ 4.02	\$ 0.0820	49	\$ 4.02	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0016	690	\$ 1.10	\$ 0.0014	690	\$ 0.97	\$ (0.14)	-12.50%
CBR Class B Rate Riders	\$ 0.0001	690	\$ 0.07	\$ 0.0001	690	\$ 0.07	\$ -	0.00%
GA Rate Riders	\$ -	690	\$ -	\$ -	690	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0016	690	\$ 1.10	\$ 0.0016	690	\$ 1.10	\$ -	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		690	\$ -	\$ -	690	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 32.11</b>			<b>\$ 32.12</b>	<b>\$ 0.01</b>	<b>0.04%</b>
RTSR - Network	\$ 0.0067	739	\$ 4.95	\$ 0.0065	739	\$ 4.80	\$ (0.15)	-2.99%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0040	739	\$ 2.96	\$ 0.0038	739	\$ 2.81	\$ (0.15)	-5.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 40.02</b>			<b>\$ 39.73</b>	<b>\$ (0.28)</b>	<b>-0.71%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	739	\$ 2.66	\$ 0.0036	739	\$ 2.66	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	739	\$ 0.22	\$ 0.0003	739	\$ 0.22	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	449	\$ 29.15	\$ 0.0650	449	\$ 29.15	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	117	\$ 11.03	\$ 0.0940	117	\$ 11.03	\$ -	0.00%
TOU - On Peak	\$ 0.1320	124	\$ 16.39	\$ 0.1320	124	\$ 16.39	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 99.72</b>			<b>\$ 99.44</b>	<b>\$ (0.28)</b>	<b>-0.28%</b>
HST	13%		\$ 12.96	13%		\$ 12.93	\$ (0.04)	-0.28%
8% Rebate	8%		\$ (7.98)	8%		\$ (7.96)	\$ 0.02	
<b>Total Bill on TOU</b>			<b>\$ 104.71</b>			<b>\$ 104.41</b>	<b>\$ (0.30)</b>	<b>-0.28%</b>



Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0710	
Proposed/Approved Loss Factor	1.0710	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.23	1	\$ 21.23	\$ 21.45	1	\$ 21.45	\$ 0.22	1.04%
Distribution Volumetric Rate	\$ 0.0140	2000	\$ 28.00	\$ 0.0141	2000	\$ 28.20	\$ 0.20	0.71%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0023	2000	\$ 4.60	\$ 0.0015	2000	\$ 3.00	\$ (1.60)	-34.78%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 53.83</b>			<b>\$ 52.65</b>	<b>\$ (1.18)</b>	<b>-2.19%</b>
Line Losses on Cost of Power	\$ 0.0820	142	\$ 11.64	\$ 0.0820	142	\$ 11.64	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0017	2,000	\$ 3.40	\$ 0.0015	2,000	\$ 3.00	\$ (0.40)	-11.76%
CBR Class B Rate Riders	\$ 0.0001	2,000	\$ 0.20	\$ 0.0001	2,000	\$ 0.20	\$ -	0.00%
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0014	2,000	\$ 2.80	\$ 0.0014	2,000	\$ 2.80	\$ -	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>			<b>\$ 72.44</b>			<b>\$ 70.86</b>	<b>\$ (1.58)</b>	<b>-2.18%</b>
RTSR - Network	\$ 0.0061	2,142	\$ 13.07	\$ 0.0059	2,142	\$ 12.64	\$ (0.43)	-3.28%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0032	2,142	\$ 6.85	\$ 0.0031	2,142	\$ 6.64	\$ (0.21)	-3.13%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 92.36</b>			<b>\$ 90.14</b>	<b>\$ (2.22)</b>	<b>-2.41%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,142	\$ 7.71	\$ 0.0036	2,142	\$ 7.71	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,142	\$ 0.64	\$ 0.0003	2,142	\$ 0.64	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 264.95</b>			<b>\$ 262.72</b>	<b>\$ (2.22)</b>	<b>-0.84%</b>
HST	13%		\$ 34.44	13%		\$ 34.15	\$ (0.29)	-0.84%
8% Rebate	8%		\$ (21.20)	8%		\$ (21.02)	\$ 0.18	
<b>Total Bill on TOU</b>			<b>\$ 278.19</b>			<b>\$ 275.86</b>	<b>\$ (2.33)</b>	<b>-0.84%</b>

Customer Class:	<b>GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	86,000	kWh
Demand	250	kW
Current Loss Factor	1.0710	
Proposed/Approved Loss Factor	1.0710	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 101.42	1	\$ 101.42	\$ 102.48	1	\$ 102.48	\$ 1.06	1.05%
Distribution Volumetric Rate	\$ 3.3169	250	\$ 829.23	\$ 3.3517	250	\$ 837.93	\$ 8.70	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.1147	250	\$ (28.68)	\$ 0.0535	250	\$ (13.38)	\$ 15.30	-53.36%
<b>Sub-Total A (excluding pass through)</b>			\$ 901.97			\$ 927.03	\$ 25.06	2.78%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.9390	250	\$ 234.75	\$ 0.8872	250	\$ 221.80	\$ (12.95)	-5.52%
CBR Class B Rate Riders	\$ 0.0471	250	\$ 11.78	\$ 0.0471	250	\$ 11.78	\$ -	0.00%
GA Rate Riders	\$ 0.0019	86,000	\$ 163.40	\$ 0.0060	86,000	\$ 516.00	\$ 352.60	215.79%
Low Voltage Service Charge	\$ 0.5215	250	\$ 130.38	\$ 0.5215	250	\$ 130.38	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 1,442.27			\$ 1,806.98	\$ 364.71	25.29%
RTSR - Network	\$ 2.4244	250	\$ 606.10	\$ 2.3499	250	\$ 587.48	\$ (18.63)	-3.07%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3675	250	\$ 341.88	\$ 1.3160	250	\$ 329.00	\$ (12.88)	-3.77%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 2,390.25			\$ 2,723.46	\$ 333.21	13.94%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	92,106	\$ 331.58	\$ 0.0036	92,106	\$ 331.58	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	92,106	\$ 27.63	\$ 0.0003	92,106	\$ 27.63	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	92,106	\$ 10,140.87	\$ 0.1101	92,106	\$ 10,140.87	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 12,890.58			\$ 13,223.79	\$ 333.21	2.58%
HST	13%		\$ 1,675.78	13%		\$ 1,719.09	\$ 43.32	2.58%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 14,566.35			\$ 14,942.88	\$ 376.53	2.58%

Customer Class:	<b>UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	150	kWh
Demand	-	kW
Current Loss Factor	1.0710	
Proposed/Approved Loss Factor	1.0710	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 0.51	1	\$ 0.51	\$ 0.52	1	\$ 0.52	\$ 0.01	1.96%
Distribution Volumetric Rate	\$ 0.0121	150	\$ 1.82	\$ 0.0122	150	\$ 1.83	\$ 0.02	0.83%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0003	150	\$ (0.05)	\$ -	150	\$ -	\$ 0.05	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 2.28			\$ 2.35	\$ 0.07	3.07%
Line Losses on Cost of Power	\$ 0.1101	11	\$ 1.17	\$ 0.1101	11	\$ 1.17	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0020	150	\$ 0.30	\$ 0.0019	150	\$ 0.29	\$ (0.02)	-5.00%
CBR Class B Rate Riders	\$ 0.0001	150	\$ 0.02	\$ 0.0001	150	\$ 0.02	\$ -	0.00%
GA Rate Riders	\$ 0.0019	150	\$ 0.29	\$ 0.0060	150	\$ 0.90	\$ 0.62	215.79%
Low Voltage Service Charge	\$ 0.0014	150	\$ 0.21	\$ 0.0014	150	\$ 0.21	\$ -	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>			\$ 4.26			\$ 4.93	\$ 0.67	15.72%
RTSR - Network	\$ 0.0061	161	\$ 0.98	\$ 0.0059	161	\$ 0.95	\$ (0.03)	-3.28%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0032	161	\$ 0.51	\$ 0.0031	161	\$ 0.50	\$ (0.02)	-3.13%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 5.76			\$ 6.38	\$ 0.62	10.80%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	161	\$ 0.58	\$ 0.0036	161	\$ 0.58	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	161	\$ 0.05	\$ 0.0003	161	\$ 0.05	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	150	\$ 16.52	\$ 0.1101	150	\$ 16.52	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 23.15			\$ 23.77	\$ 0.62	2.69%
HST	13%		\$ 3.01	13%		\$ 3.09	\$ 0.08	2.69%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 26.16			\$ 26.86	\$ 0.70	2.69%

Customer Class:	<b>STREET LIGHTING SERVICE CLASSIFICATION</b>
RPP / Non-RPP:	Non-RPP (Other)
Consumption	280 kWh
Demand	1 kW
Current Loss Factor	1.0710
Proposed/Approved Loss Factor	1.0710

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 3.71	1007	\$ 3,735.97	\$ 3.75	1007	\$ 3,776.25	\$ 40.28	1.08%
Distribution Volumetric Rate	\$ 15.4685	1	\$ 15.47	\$ 15.6309	1	\$ 15.63	\$ 0.16	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 1.3293	1	\$ (1.33)	\$ 0.5179	1	\$ (0.52)	\$ 0.81	-61.04%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 3,750.11</b>			<b>\$ 3,791.36</b>	<b>\$ 41.25</b>	<b>1.10%</b>
Line Losses on Cost of Power	\$ 0.1101	20	\$ 2.19	\$ 0.1101	20	\$ 2.19	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.8235	1	\$ 0.82	\$ 0.7772	1	\$ 0.78	\$ (0.05)	-5.62%
CBR Class B Rate Riders	\$ 0.0442	1	\$ 0.04	\$ 0.0442	1	\$ 0.04	\$ -	0.00%
GA Rate Riders	\$ 0.0019	280	\$ 0.53	\$ 0.0060	280	\$ 1.68	\$ 1.15	215.79%
Low Voltage Service Charge	\$ 0.4031	1	\$ 0.40	\$ 0.4031	1	\$ 0.40	\$ -	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>			<b>\$ 3,754.10</b>			<b>\$ 3,796.46</b>	<b>\$ 42.36</b>	<b>1.13%</b>
RTSR - Network	\$ 1.8284	1	\$ 1.83	\$ 1.7722	1	\$ 1.77	\$ (0.06)	-3.07%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.0572	1	\$ 1.06	\$ 1.0174	1	\$ 1.02	\$ (0.04)	-3.76%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 3,756.99</b>			<b>\$ 3,799.25</b>	<b>\$ 42.26</b>	<b>1.12%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	300	\$ 1.08	\$ 0.0036	300	\$ 1.08	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	300	\$ 0.09	\$ 0.0003	300	\$ 0.09	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	280	\$ 30.83	\$ 0.1101	280	\$ 30.83	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 3,789.23</b>			<b>\$ 3,831.49</b>	<b>\$ 42.26</b>	<b>1.12%</b>
HST	13%		\$ 492.60	13%		\$ 498.09	\$ 5.49	1.12%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 4,281.83</b>			<b>\$ 4,329.59</b>	<b>\$ 47.75</b>	<b>1.12%</b>

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0710	
Proposed/Approved Loss Factor	1.0710	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.41	1	\$ 21.41	\$ 25.33	1	\$ 25.33	\$ 3.92	18.31%
Distribution Volumetric Rate	\$ 0.0053	750	\$ 3.98	\$ -	750	\$ -	\$ (3.98)	-100.00%
Fixed Rate Riders	\$ 0.11	1	\$ 0.11	\$ (0.14)	1	\$ (0.14)	\$ (0.25)	-227.27%
Volumetric Rate Riders	\$ 0.0001	750	\$ 0.08	\$ 0.0003	750	\$ 0.23	\$ 0.15	200.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 25.57</b>			<b>\$ 25.42</b>	<b>\$ (0.16)</b>	<b>-0.61%</b>
Line Losses on Cost of Power	\$ 0.1101	53	\$ 5.86	\$ 0.1101	53	\$ 5.86	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0016	750	\$ 1.20	\$ 0.0014	750	\$ 1.05	\$ (0.15)	-12.50%
CBR Class B Rate Riders	\$ 0.0001	750	\$ 0.08	\$ 0.0001	750	\$ 0.08	\$ -	0.00%
GA Rate Riders	\$ 0.0019	750	\$ 1.43	\$ 0.0060	750	\$ 4.50	\$ 3.08	215.79%
Low Voltage Service Charge	\$ 0.0016	750	\$ 1.20	\$ 0.0016	750	\$ 1.20	\$ -	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>\$ 35.90</b>			<b>\$ 38.67</b>	<b>\$ 2.77</b>	<b>7.72%</b>
RTSR - Network	\$ 0.0067	803	\$ 5.38	\$ 0.0065	803	\$ 5.22	\$ (0.16)	-2.99%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0040	803	\$ 3.21	\$ 0.0038	803	\$ 3.05	\$ (0.16)	-5.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 44.50</b>			<b>\$ 46.95</b>	<b>\$ 2.45</b>	<b>5.50%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	803	\$ 2.89	\$ 0.0036	803	\$ 2.89	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	803	\$ 0.24	\$ 0.0003	803	\$ 0.24	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 130.21</b>			<b>\$ 132.65</b>	<b>\$ 2.45</b>	<b>1.88%</b>
HST		13%	\$ 16.93		13%	\$ 17.25	\$ 0.32	1.88%
8% Rebate		8%			8%			
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 147.13</b>			<b>\$ 149.90</b>	<b>\$ 2.77</b>	<b>1.88%</b>

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	256	kWh
Demand	-	kW
Current Loss Factor	1.0710	
Proposed/Approved Loss Factor	1.0710	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.41	1	\$ 21.41	\$ 25.33	1	\$ 25.33	\$ 3.92	18.31%
Distribution Volumetric Rate	\$ 0.0053	256	\$ 1.36	\$ -	256	\$ -	\$ (1.36)	-100.00%
Fixed Rate Riders	\$ 0.11	1	\$ 0.11	\$ (0.14)	1	\$ (0.14)	\$ (0.25)	-227.27%
Volumetric Rate Riders	\$ 0.0001	256	\$ 0.03	\$ 0.0003	256	\$ 0.08	\$ 0.05	200.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 22.90</b>			<b>\$ 25.27</b>	<b>\$ 2.36</b>	<b>10.32%</b>
Line Losses on Cost of Power	\$ 0.0820	18	\$ 1.49	\$ 0.0820	18	\$ 1.49	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0016	256	\$ 0.41	\$ 0.0014	256	\$ 0.36	\$ (0.05)	-12.50%
CBR Class B Rate Riders	\$ 0.0001	256	\$ 0.03	\$ 0.0001	256	\$ 0.03	\$ -	0.00%
GA Rate Riders	\$ -	256	\$ -	\$ -	256	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0016	256	\$ 0.41	\$ 0.0016	256	\$ 0.41	\$ -	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	\$ -	256	\$ -	\$ -	256	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 25.81</b>			<b>\$ 28.12</b>	<b>\$ 2.31</b>	<b>8.96%</b>
RTSR - Network	\$ 0.0067	274	\$ 1.84	\$ 0.0065	274	\$ 1.78	\$ (0.05)	-2.99%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0040	274	\$ 1.10	\$ 0.0038	274	\$ 1.04	\$ (0.05)	-5.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 28.74</b>			<b>\$ 30.94</b>	<b>\$ 2.20</b>	<b>7.67%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	274	\$ 0.99	\$ 0.0036	274	\$ 0.99	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	274	\$ 0.08	\$ 0.0003	274	\$ 0.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	166	\$ 10.82	\$ 0.0650	166	\$ 10.82	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	44	\$ 4.09	\$ 0.0940	44	\$ 4.09	\$ -	0.00%
TOU - On Peak	\$ 0.1320	46	\$ 6.08	\$ 0.1320	46	\$ 6.08	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 51.05</b>			<b>\$ 53.25</b>	<b>\$ 2.20</b>	<b>4.32%</b>
HST	13%		\$ 6.64	13%		\$ 6.92	\$ 0.29	4.32%
8% Rebate	8%		\$ (4.08)	8%		\$ (4.26)	\$ (0.18)	-4.32%
<b>Total Bill on TOU</b>			<b>\$ 53.60</b>			<b>\$ 55.92</b>	<b>\$ 2.31</b>	<b>4.32%</b>

Customer Class:	<b>GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP / Retailer	
Consumption:	2,000	kWh
Demand:	-	kW
Current Loss Factor:	1.0710	
Proposed/Approved Loss Factor:	1.0710	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.23	1	\$ 21.23	\$ 21.45	1	\$ 21.45	\$ 0.22	1.04%
Distribution Volumetric Rate	\$ 0.0140	2000	\$ 28.00	\$ 0.0141	2000	\$ 28.20	\$ 0.20	0.71%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0023	2000	\$ 4.60	\$ 0.0015	2000	\$ 3.00	\$ (1.60)	-34.78%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 53.83</b>			<b>\$ 52.65</b>	<b>\$ (1.18)</b>	<b>-2.19%</b>
Line Losses on Cost of Power	\$ 0.1101	142	\$ 15.63	\$ 0.1101	142	\$ 15.63	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0017	2,000	\$ 3.40	\$ 0.0015	2,000	\$ 3.00	\$ (0.40)	-11.76%
CBR Class B Rate Riders	\$ 0.0001	2,000	\$ 0.20	\$ 0.0001	2,000	\$ 0.20	\$ -	0.00%
GA Rate Riders	\$ 0.0019	2,000	\$ 3.80	\$ 0.0060	2,000	\$ 12.00	\$ 8.20	215.79%
Low Voltage Service Charge	\$ 0.0014	2,000	\$ 2.80	\$ 0.0014	2,000	\$ 2.80	\$ -	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>			<b>\$ 80.23</b>			<b>\$ 86.85</b>	<b>\$ 6.62</b>	<b>8.25%</b>
RTSR - Network	\$ 0.0061	2,142	\$ 13.07	\$ 0.0059	2,142	\$ 12.64	\$ (0.43)	-3.28%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0032	2,142	\$ 6.85	\$ 0.0031	2,142	\$ 6.64	\$ (0.21)	-3.13%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 100.15</b>			<b>\$ 106.13</b>	<b>\$ 5.98</b>	<b>5.97%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,142	\$ 7.71	\$ 0.0036	2,142	\$ 7.71	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,142	\$ 0.64	\$ 0.0003	2,142	\$ 0.64	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 328.71</b>			<b>\$ 334.69</b>	<b>\$ 5.98</b>	<b>1.82%</b>
HST		13%	\$ 42.73		13%	\$ 43.51	\$ 0.78	1.82%
8% Rebate		8%			8%			
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 371.44</b>			<b>\$ 378.20</b>	<b>\$ 6.75</b>	<b>1.82%</b>

# **Appendix C – IRM Rate Generator**

**Board File Number EB-2018-0025**



# Incentive Regulation Model for 2019 Filers


**Quick Link**

Ontario Energy Board's 2019 Electricity  
Distribution Rates Webpage

Version 2.0

Utility Name	Collus PowerStream Corp.
Assigned EB Number	2018-0025
Name of Contact and Title	Tim Hesselink, Manager, Regulatory Affairs
Phone Number	705-445-1800 ext 2274
Email Address	thesselink@epcor.com
We are applying for rates effective	Wednesday, May 1, 2019
Rate-Setting Method	Price Cap IR
Please indicate in which Rate Year the Group 1 accounts were last cleared <sup>1</sup>	2016
Please indicate the last Cost of Service Re-Basing Year	2013

Legend

 Pale green cells represent input cells.

		<b>2012</b>									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2012	Transactions Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments <sup>1</sup> during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments <sup>1</sup> during 2012	Closing Interest Amounts as of Dec 31, 2012
<b>Group 1 Accounts</b>											
LV Variance Account	1550	68,705	143,038	(96,439)	0	308,182	4,528	2,830	3,885	0	3,473
Smart Metering Entity Charge Variance Account	1551	0	0	0	0	0	0	0	0	0	0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,018,295)	(614,023)	(540,698)	0	(1,091,620)	(22,316)	(15,081)	(21,301)	0	(16,096)
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	0	0	0	0	0	0	0	0	0	0
RSVA - Retail Transmission Network Charge	1584	(93,377)	(109)	(92,224)	0	(1,262)	(12,875)	(812)	(11,500)	0	(2,187)
RSVA - Retail Transmission Connection Charge	1586	(67,475)	24,395	(42,658)	0	(422)	(14,266)	(588)	(13,216)	0	(1,637)
RSVA - Power <sup>4</sup>	1588	(588,539)	376,230	(726,694)	0	514,385	(17,430)	(4,980)	(17,402)	0	(5,008)
RSVA - Global Adjustment <sup>4</sup>	1589	1,107,310	(121,867)	547,484	0	437,959	31,422	12,915	30,674	0	13,663
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	(1,443,297)	1,050,810	1,275,993	0	(1,668,480)	(263,497)	(25,137)	0	0	(288,635)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0	0	0	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0	0	0	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0	0	0	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0	0	0	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0	0	0	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup> <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	0	0	0	0	0	0	0	0	0	0
<b>RSVA - Global Adjustment</b>	<b>1589</b>	1,107,310	(121,867)	547,484	0	437,959	31,422	12,915	30,674	0	13,663
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		(3,142,277)	980,341	(222,720)	0	(1,939,217)	(325,856)	(43,768)	(59,534)	0	(310,090)
<b>Total Group 1 Balance</b>		(2,034,967)	858,474	324,764	0	(1,501,258)	(294,434)	(30,853)	(28,860)	0	(296,427)
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>										
<b>Total including Account 1568</b>		(2,034,967)	858,474	324,764	0	(1,501,258)	(294,434)	(30,853)	(28,860)	0	(296,427)

2013										2014					
Opening Principal Amounts as of Jan 1, 2013	Transactions Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments <sup>1</sup> during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments <sup>1</sup> during 2013	Closing Interest Amounts as of Dec 31, 2013	Opening Principal Amounts as of Jan 1, 2014	Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments <sup>1</sup> during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014
308,182	299,127	165,144	0	442,165	3,473	6,198	4,689	0	4,982	442,165	220,370	0	0	662,535	4,982
0	7,703	0	0	7,703	0	119	0	0	119	7,703	(7,522)	0	0	181	119
(1,091,620)	(441,436)	(477,597)	0	(1,055,459)	(16,096)	(19,168)	(12,716)	0	(22,547)	(1,055,459)	(494,655)	0	0	(1,550,114)	(22,547)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1,262)	255,989	(1,152)	0	255,880	(2,187)	1,598	(1,403)	0	814	255,880	(36,000)	0	0	219,880	814
(422)	72,903	(24,816)	0	97,297	(1,637)	323	(1,658)	0	343	97,297	(11,474)	0	0	85,824	343
514,385	379,233	138,155	0	755,462	(5,008)	2,332	3,357	0	(6,034)	755,462	(495,936)	0	0	259,526	(6,034)
437,959	768,917	559,826	0	647,049	13,663	11,729	14,463	0	10,929	647,049	722,828	0	0	1,369,878	10,929
(1,668,480)	1,351,097	(79,658)	0	(237,725)	(288,635)	(15,643)	(27,160)	0	(277,117)	(237,725)	551,900	0	0	314,174	(277,117)
0	(9,195)	(209,732)	0	200,537	0	517	0	0	517	200,537	(74,339)	0	0	126,199	517
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
437,959	768,917	559,826	0	647,049	13,663	11,729	14,463	0	10,929	647,049	722,828	0	0	1,369,878	10,929
(1,939,217)	1,915,420	(489,657)	0	465,860	(310,090)	(23,724)	(34,891)	0	(298,923)	465,860	(347,656)	0	0	118,204	(298,923)
(1,501,258)	2,684,337	70,169	0	1,112,909	(296,427)	(11,994)	(20,428)	0	(287,994)	1,112,909	375,172	0	0	1,488,082	(287,994)
				0					0	0	24,405			24,405	0
(1,501,258)	2,684,337	70,169	0	1,112,909	(296,427)	(11,994)	(20,428)	0	(287,994)	1,112,909	399,577	0	0	1,512,486	(287,994)

2015																
Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments <sup>1</sup> during 2014	Closing Interest Amounts as of Dec 31, 2014	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit / (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments <sup>1</sup> during 2015	Closing Principal Balance as of Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Interest Jan 1 to Dec 31, 2015	OEB-Approved Disposition during 2015	Interest Adjustments <sup>1</sup> during 2015	Closing Interest Amounts as of Dec 31, 2015	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit / (Credit) during 2016	
7,908	0	0	12,890	662,535	379,638	442,165	0	600,008	12,890	6,262	13,649	0	5,503	600,008	558,984	
67	0	0	186	181	(4,409)	7,703	0	(11,931)	186	(63)	270	0	(147)	(11,931)	(5,593)	
(16,654)	0	0	(39,201)	(1,550,114)	(331,468)	(1,055,459)	0	(826,123)	(39,201)	(13,560)	(43,234)	0	(9,527)	(826,123)	(322,067)	
0	0	0	0	0	4,884	0	0	4,884	0	12	0	0	12	4,884	(4,884)	
0	0	0	0	0	71,772	0	0	71,772	0	237	0	0	237	71,772	(4,926)	
2,745	0	0	3,559	219,880	21,167	255,880	0	(14,833)	3,559	1,097	5,829	0	(1,173)	(14,833)	74,131	
912	0	0	1,255	85,824	83,231	97,297	0	71,757	1,255	713	2,250	0	(282)	71,757	84,556	
(1,920)	0	0	(7,954)	259,526	(2,431,578)	755,462	0	(2,927,514)	(7,954)	(16,996)	8,773	0	(33,723)	(2,927,514)	(2,889,547)	
14,028	0	0	24,957	1,369,878	2,075,699	647,049	0	2,798,528	24,957	21,275	23,612	0	22,619	2,798,528	3,032,581	
3,244	0	0	(273,873)	314,174	0	0	0	314,174	(273,873)	3,751	0	0	(270,123)	314,174	(259,066)	
(10,669)	0	0	(10,152)	126,199	(18,752)	0	0	107,447	(10,152)	1,342	0	0	(8,810)	107,447	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	(652,682)	(1,150,097)	0	497,415	0	5,623	(11,149)	0	16,772	497,415	(356,915)	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14,028	0	0	24,957	1,369,878	2,075,699	647,049	0	2,798,528	24,957	21,275	23,612	0	22,619	2,798,528	3,032,581	
(14,367)	0	0	(313,290)	118,204	(2,878,198)	(647,049)	0	(2,112,945)	(313,290)	(11,582)	(23,612)	0	(301,260)	(2,112,945)	(3,125,327)	
(340)	0	0	(288,334)	1,488,082	(802,499)	0	0	685,583	(288,334)	9,693	0	0	(278,641)	685,583	(92,746)	
0	0	0	0	24,405	28,325	0	0	52,730	0	0	0	0	0	52,730	50,810	
(340)	0	0	(288,334)	1,512,486	(774,174)	0	0	738,313	(288,334)	9,693	0	0	(278,641)	738,313	(41,936)	

2016								2017							
OEB-Approved Disposition during 2016	Principal Adjustments <sup>1</sup> during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments <sup>1</sup> during 2016	Closing Interest Amounts as of Dec 31, 2016	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments <sup>1</sup> during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017
0	1,209	1,160,201	5,503	9,446	0	0	14,949	1,160,201	527,668	0	0	1,687,869	14,949	17,044	0
0	0	(17,523)	(147)	(152)	0	0	(299)	(17,523)	(6,462)	0	0	(23,985)	(299)	(236)	0
0	(307,769)	(1,455,959)	(9,527)	(11,064)	0	(4,067)	(24,657)	(1,455,959)	(310,868)	0	0	(1,766,828)	(24,657)	(19,222)	0
0	0	0	12	(12)	0	0	0	0	0	0	0	0	0	0	0
0	359	67,204	237	765	0	0	1,002	67,204	(2,046)	0	0	65,159	1,002	792	0
0	5,636	64,934	(1,173)	(55)	0	0	(1,228)	64,934	4,080	0	0	69,014	(1,228)	714	0
0	2,964	159,277	(282)	1,267	0	0	986	159,277	3,407	0	0	162,684	986	1,937	0
0	6,820,710	1,003,648	(33,723)	(48,698)	0	10,594	(71,826)	1,003,648	(475,562)	0	224,501	752,586	(71,826)	11,039	0
0	(5,455,543)	375,566	22,619	47,604	0	(5,807)	64,416	375,566	575,610	0	(224,501)	726,676	64,416	8,495	0
0	0	55,108	(270,123)	253,415	0	0	(16,707)	55,108	0	0	0	55,108	(16,707)	662	0
0	0	107,447	(8,810)	1,182	0	0	(7,628)	107,447	0	0	0	107,447	(7,628)	1,290	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2,218	142,717	16,772	2,277	0	0	19,049	142,717	0	0	0	142,717	19,049	1,714	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	(5,455,543)	375,566	22,619	47,604	0	(5,807)	64,416	375,566	575,610	0	(224,501)	726,676	64,416	8,495	0
0	6,525,327	1,287,054	(301,260)	208,372	0	6,528	(86,360)	1,287,054	(259,783)	0	224,501	1,251,772	(86,360)	15,733	0
0	1,069,784	1,662,621	(278,641)	255,975	0	721	(21,944)	1,662,621	315,827	0	0	1,978,448	(21,944)	24,228	0
		103,540	0				0	103,540	40,831	0		144,371	0	1,546	
0	1,069,784	1,766,160	(278,641)	255,975	0	721	(21,944)	1,766,160	356,658	0	0	2,122,819	(21,944)	25,774	0

		2018				Projected Interest on Dec-31-17 Balances				2.1.7 RRR		
Interest Adjustments <sup>1</sup> during 2017	Closing Interest Amounts as of Dec 31, 2017	Principal Disposition during 2018 - instructed by OEB	Interest Disposition during 2018 - instructed by OEB	Closing Principal Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Closing Interest Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Projected Interest from Jan 1, 2018 to Dec 31, 2018 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Projected Interest from Jan 1, 2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Total Interest	Total Claim	As of Dec 31, 2017	Variance RRR vs. 2017 Balance (Principal + Interest)	
0	31,993	1,160,201	34,603	527,668	(2,610)	9,838	3,765	10,992	538,661	1,719,862	(1)	
0	(535)	(17,523)	(596)	(6,462)	61	(120)	(46)	(105)	(6,568)	(24,520)	(0)	
0	(43,879)	(1,455,959)	(49,321)	(310,869)	5,442	(5,796)	(2,218)	(2,572)	(313,440)	(1,743,754)	66,953	
0	0			0	0	0	0	0	0	0	0	
0	1,793	67,204	2,140	(2,045)	(347)	(38)	(15)	(399)	(2,444)	66,952	(0)	
0	(515)	64,934	(128)	4,080	(387)	76	29	(281)	3,799	68,499	0	
0	2,923	159,277	3,684	3,407	(761)	64	24	(673)	2,734	165,608	1	
0	(60,787)	1,003,648	(54,825)	(251,062)	(5,962)	(4,681)	(1,791)	(12,434)	(263,496)	467,298	(224,501)	
0	72,911	375,566	70,778	351,110	2,133	6,546	2,505	11,184	362,294	1,024,088	224,501	
0	(16,046)	55,108	(15,773)	(0)	(273)	273	(0)	(0) <input type="checkbox"/> Check to Dispose of Account	0	(11,999)	(51,061)	
0	(6,338)	107,447	(5,808)	(0)	(530)	530	(0)	(0) <input type="checkbox"/> Check to Dispose of Account	0	101,109	0	
0	0			0	0	0	0	0 <input type="checkbox"/> Check to Dispose of Account	0	0	0	
0	20,763	142,717	21,467	0	(704)	704	0	0 <input type="checkbox"/> Check to Dispose of Account	0	163,480	0	
	0			0	0	0	0	0 <input type="checkbox"/> Check to Dispose of Account	0	0	0	
	0			0	0	0	0	0 <input type="checkbox"/> Check to Dispose of Account	0	0	0	
	0			0	0	0	0	0 <input type="checkbox"/> Check to Dispose of Account	0	0	0	
	0			0	0	0	0	0 <input type="checkbox"/> Check to Dispose of Account	0	0	0	
0	72,911	375,566	70,778	351,110	2,133	6,546	2,505	11,184	362,294	1,024,088	224,501	
0	(70,627)	1,287,054	(64,557)	(35,282)	(6,070)	849	(252)	(5,473)	(40,756)	905,583	(275,562)	
0	2,283	1,662,620	6,221	315,828	(3,938)	7,395	2,253	5,711	321,538	1,929,671	(51,060)	
	1,546	51,880	2,840	92,491	(1,294)	1,724	660	1,090	93,581	145,917	0	
0	3,829	1,714,500	9,061	408,319	(5,232)	9,119	2,913	6,801	415,119	2,075,588	(51,060)	

# Incentive Regulation Model for 2019 Filers

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

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

If you have identified any issues, please [contact](#) the

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	116,631,538	0	4,732,114	0	0	0	116,631,538	0	36,318	15,282
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	45,205,488	3,687	8,953,524	2,939	0	0	45,205,488	3,687	64,977	1,751
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	127,833,335	311,321	117,363,786	279,312	2,622,220	4,949	125,211,115	306,372	-22,750	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	400,177	0	30,843	0	0	0	400,177	0	-56	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,228,115	3,591	1,228,115	3,591	0	0	1,228,115	3,591	-2,970	
<b>Total</b>		291,298,653	318,599	132,308,382	285,842	2,622,220	4,949	288,676,433	313,650	75,519	17,033

**Threshold Test**

Total Claim (including Account 1568)	\$415,119
Total Claim for Threshold Test (All Group 1 Accounts)	\$321,538
Threshold Test (Total claim per kWh) <sup>2</sup>	\$0.0011

1568 Account Balance from Continuity Schedule	93,581
Total Balance of Account 1568 in Column S DOES NOT MATCH the amount entered on the Continuity Schedule	

<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.



# Incentive Regulation Model for 2019 Filers

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

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

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP			allocated based on Total less WMP			
				1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	40.0%	89.7%	40.4%	215,671	(5,892)	(127,624)	1,521	1,095	(106,458)	36,318
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	15.5%	10.3%	15.7%	83,593	(675)	(49,466)	589	424	(41,262)	64,977
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	43.9%	0.0%	43.4%	236,385	0	(137,012)	1,667	1,200	(114,289)	(22,750)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	740	0	(438)	5	4	(365)	(56)
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	2,271	0	(1,344)	16	12	(1,121)	(2,970)
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>538,661</b>	<b>(6,568)</b>	<b>(315,885)</b>	<b>3,799</b>	<b>2,734</b>	<b>(263,496)</b>	<b>75,519</b>

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



# Incentive Regulation Model for 2019 Filers

1 Please select the Year the Account 1580 CBR Class B was Last Disposed.  (e.g. If in the 2018 EDR process, you received approval to dispose the GA variance account balance as at December 31, 2016, enter 2016.)

2a Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed to 2017)?  (e.g. If you received approval to dispose of the GA variance account balance as at December 31, 2015, the period the GA variance accumulated would be 2016 and 2017.)

2b Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed to 2017)?  (e.g. If you received approval to dispose of the CBR Class B balance as at December 31, 2016, the period the CBR Class B variance accumulated would be 2017.)

3a Enter the number of transition customers you had during the period the Account 1589 GA balance accumulated.

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2017	
			January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,316,372	2,222,315
		kW	9,456	9,480
		Class A/B	B	A
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,552,757	2,774,904
		kW	6,496	6,358
		Class A/B	B	A
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,226,694	2,537,837
		kW	4,334	4,703
		Class A/B	B	A
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,042,123	1,955,349
		kW	4,504	4,677
		Class A/B	B	A

3b Enter the number of customers who were Class A during the entire period since the Account 1589 GA balance accumulated (i.e. did not transition between Class A and B).

Class A Customers - Billing Determinants by Customer

Customer	Rate Class		2017
Customer A1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	34,170,403
		kW	63,536

# Incentive Regulation Model for 2019 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

2016

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

		Total	2017
Total Non-RPP Class B Consumption for Years During Balance Accumulation (Non-RPP Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A	88,647,575	88,647,575
Transition Customers' Class B Consumption (i.e. full year or partial year)	B	9,137,946	9,137,946
<b>Transition Customers' Portion of Total Consumption</b>	<b>C=B/A</b>	<b>10.31%</b>	

### Allocation of Total GA Balance \$

Total GA Balance	D	\$ 362,294
Transition Customers Portion of GA Balance	E=C*D	\$ 37,346
GA Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	\$ 324,948

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

# of Class A/B Transition Customers		4				
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 2017	% of kWh	Customer Specific GA Allocation for the Period When They Were a Class B customer	Monthly Equal Payments
Customer 1		2,316,372	2,316,372	25.35%	\$ 9,467	\$ 789
Customer 2		2,552,757	2,552,757	27.94%	\$ 10,433	\$ 869
Customer 3		2,226,694	2,226,694	24.37%	\$ 9,100	\$ 758
Customer 4		2,042,123	2,042,123	22.35%	\$ 8,346	\$ 695
Total		9,137,946	9,137,946	100.00%	\$ 37,346	

# Incentive Regulation Model for 2019 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 2017 Consumption excluding WMP kWh	Total Metered 2017 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated kWh	Total Metered 2017 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated kWh	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption) kWh	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider		
RESIDENTIAL SERVICE CLASSIFICATION	kWh	4,732,114	0	0	4,732,114	6.0%	\$19,340	\$0.0041	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	8,953,524	0	0	8,953,524	11.3%	\$36,592	\$0.0041	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	117,363,786	34,170,403	18,628,351	64,565,032	81.2%	\$263,871	\$0.0041	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	30,843	0	0	30,843	0.0%	\$126	\$0.0041	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,228,115	0	0	1,228,115	1.5%	\$5,019	\$0.0041	kWh
<b>Total</b>		<b>132,308,382</b>	<b>34,170,403</b>	<b>18,628,351</b>	<b>79,509,628</b>	<b>100.0%</b>	<b>\$324,948</b>		



# Incentive Regulation Model for 2019 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.

Please enter the Year the Account 1580 CBR Class B was Last Disposed.  (Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

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

		Total	2017
Total Class B Consumption for Years During Balance Accumulation (Total Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A	88,647,575	88,647,575
Transition Customers' Class B Consumption (i.e. full year or partial year)	B	9,137,946	9,137,946
<b>Transition Customers' Portion of Total Consumption</b>	<b>C=B/A</b>	<b>10.31%</b>	<b>79,509,628</b>

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

Total CBR Class B Balance	D	-\$	2,444
Transition Customers Portion of CBR Class B Balance	E=D*C	-\$	252
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	-\$	2,192

### Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers		4				
Customer		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 2017	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were a Class B Customer	Monthly Equal Payments
Customer 1		2,316,372	2,316,372	25.35%	64	5
Customer 2		2,552,757	2,552,757	27.94%	70	6
Customer 3		2,226,694	2,226,694	24.37%	61	5
Customer 4		2,042,123	2,042,123	22.35%	56	5
Total		9,137,946	9,137,946	100.00%	252	21

# Incentive Regulation Model for 2019 Filers

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

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

2016

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

	Total Metered 2017 Consumption Minus WMP		Total Metered 2017 Consumption for Class A customers that were Class A for the entire period CBR Class B balance accumulated		Total Metered 2017 Consumption for Customers that Transitioned Between Class A and B during the period CBR Class B balance accumulated		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	116,631,538	0	0	0	0	0	0	116,631,538	0	49.4%	(\$1,084)	\$0.0000	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	45,205,488	3,687	0	0	0	0	0	45,205,488	3,687	13.2%	(\$420)	\$0.0000	kWh
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kWh	125,211,115	306,372	34,170,403	63,536	18,628,351	50,009	0	72,412,361	192,827	30.7%	(\$673)	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	400,177	0	0	0	0	0	0	400,177	0	0.2%	(\$4)	\$0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,228,115	3,591	0	0	0	0	0	1,228,115	3,591	0.5%	(\$11)	\$0.0000	kW
<b>Total</b>		<b>288,676,433</b>	<b>313,650</b>	<b>34,170,403</b>	<b>63,536</b>	<b>18,628,351</b>	<b>50,009</b>	<b>0</b>	<b>235,877,679</b>	<b>200,105</b>	<b>100.0%</b>	<b>(\$2,192)</b>	<b>\$0.0000</b>	

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

# Incentive Regulation Model for 2019 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 for			Revenue Reconciliation
								Deferral/Variance Account Rate Rider <sup>2</sup>	Non-WMP (if applicable) <sup>2</sup>	Account 1568 Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	116,631,538	0	116,631,538	0	(21,688)		(0.0002)	0.0000	0.0003	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	45,205,488	3,687	45,205,488	3,687	(6,797)		(0.0002)	0.0000	0.0014	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	127,833,335	311,321	125,211,115	306,372	239,252	(251,302)	0.7685	(0.8203)	(0.0731)	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	400,177	0	400,177	0	(54)		(0.0001)	0.0000	(0.0001)	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,228,115	3,591	1,228,115	3,591	(166)		(0.0463)	0.0000	(0.8270)	
											(44,640.45)

<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 Regulation Model for 2019 Filers

## Summary - Sharing of Tax Change Forecast Amounts

For the 2013 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

### 1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2013	2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	19,642,856	\$ 19,642,856
Deduction from taxable capital up to \$15,000,000		\$ -
Net Taxable Capital	\$ 19,642,856	\$ 19,642,856
Rate		0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -

### 2. Tax Related Amounts Forecast from Income Tax Rate Changes

Regulatory Taxable Income	\$ 370,482	\$ 370,482
Corporate Tax Rate	15.50%	26.50%
Tax Impact	\$ 57,425	\$ 98,178
<b>Grossed-up Tax Amount</b>	\$ 67,958	\$ 133,575
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 67,958	\$ 133,575
Total Tax Related Amounts	\$ 67,958	\$ 133,575
Incremental Tax Savings		\$ 65,617
<b>Sharing of Tax Amount (50%)</b>		<b>\$ 32,809</b>

# Incentive Regulation Model for 2019 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	14,233	117,956,589		9.88	0.0193	0.0000	1,687,464	2,276,562	0	3,964,027	42.6%	57.4%	0.0%	62.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	1,717	47,173,865		19.74	0.0131	0.0000	406,723	617,978	0	1,024,701	39.7%	60.3%	0.0%	16.0%
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kW	117	116,404,810	342,409	94.34	0.0000	3.0850	132,453	0	1,056,332	1,188,785	11.1%	0.0%	88.9%	18.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	30	403,504		0.46	0.0113	0.0000	166	4,560	0	4,725	3.5%	96.5%	0.0%	0.1%
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,045	2,165,737	6,285	3.45	0.0000	14.3874	126,063	0	90,425	216,488	58.2%	0.0%	41.8%	3.4%
<b>Total</b>		19,142	284,104,505	348,694				2,352,869	2,899,099	1,146,757	6,398,725				100.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	116,631,538		20,325	0.11 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	45,205,488	3,687	5,254	0.0001 kWh
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kW	127,833,335	311,321	6,095	0.0196 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	400,177		24	0.0001 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,228,115	3,591	1,110	0.3091 kW
<b>Total</b>		291,298,653	318,599	\$32,809	



# Incentive Regulation Model for 2019 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	0.0067	116,631,538	0	1.0710	124,912,377
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040	116,631,538	0	1.0710	124,912,377
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	45,205,488	3,687	1.0710	48,415,078
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032	45,205,488	3,687	1.0710	48,415,078
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4244	127,833,335	311,321		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3675	127,833,335	311,321		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	400,177	0	1.0710	428,590
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032	400,177	0	1.0710	428,590
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8284	1,228,115	3,591		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0572	1,228,115	3,591		

# Incentive Regulation Model for 2019 Filers

Uniform Transmission Rates		Unit	2017	2018	2019
<b>Rate Description</b>			<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Network Service Rate	kW	\$	3.66	\$ 3.61	\$ 3.61
Line Connection Service Rate	kW	\$	0.87	\$ 0.95	\$ 0.95
Transformation Connection Service Rate	kW	\$	2.02	\$ 2.34	\$ 2.34
Hydro One Sub-Transmission Rates		Unit	2017	2018	2019
<b>Rate Description</b>			<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Network Service Rate	kW	\$	3.1942	\$ 3.1942	\$ 3.1942
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7710	\$ 0.7710
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.7493	\$ 1.7493
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.5203	\$ 2.5203
If needed, add extra host here. (I)		Unit	2017	2018	2019
<b>Rate Description</b>			<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -
If needed, add extra host here. (II)		Unit	2017	2018	2019
<b>Rate Description</b>			<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -
<b>Low Voltage Switchgear Credit (if applicable, enter as a negative value)</b>		\$	<b>Historical 2017</b>	<b>Current 2018</b>	<b>Forecast 2019</b>

# Incentive Regulation Model for 2019 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 orange, 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 Month	Network			Line Connection			Transformation Connection			Total Connection Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January		\$0.00			\$0.00			\$0.00		\$ -
February		\$0.00			\$0.00			\$0.00		\$ -
March		\$0.00			\$0.00			\$0.00		\$ -
April		\$0.00			\$0.00			\$0.00		\$ -
May		\$0.00			\$0.00			\$0.00		\$ -
June		\$0.00			\$0.00			\$0.00		\$ -
July		\$0.00			\$0.00			\$0.00		\$ -
August		\$0.00			\$0.00			\$0.00		\$ -
September		\$0.00			\$0.00			\$0.00		\$ -
October		\$0.00			\$0.00			\$0.00		\$ -
November		\$0.00			\$0.00			\$0.00		\$ -
December		\$0.00			\$0.00			\$0.00		\$ -
<b>Total</b>		- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$

Hydro One Month	Network			Line Connection			Transformation Connection			Total Connection Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	51,446	\$3,1942	\$ 164,329	4,566	\$0.7710	\$ 3,520	51,779	\$1,7493	\$ 90,577	\$ 94,097
February	50,255	\$3,1942	\$ 160,526	4,279	\$0.7710	\$ 3,299	50,446	\$1,7493	\$ 88,245	\$ 91,544
March	49,994	\$3,1942	\$ 159,690	4,136	\$0.7710	\$ 3,189	51,083	\$1,7493	\$ 89,359	\$ 92,548
April	42,932	\$3,1942	\$ 137,134	3,316	\$0.7710	\$ 2,557	42,932	\$1,7493	\$ 75,101	\$ 77,658
May	43,489	\$3,1942	\$ 138,912	3,092	\$0.7710	\$ 2,384	43,489	\$1,7493	\$ 76,075	\$ 78,459
June	49,736	\$3,1942	\$ 158,868	3,494	\$0.7710	\$ 2,694	49,736	\$1,7493	\$ 87,004	\$ 89,698
July	47,471	\$3,1942	\$ 151,631	3,450	\$0.7710	\$ 2,660	47,471	\$1,7493	\$ 83,041	\$ 85,701
August	46,740	\$3,1942	\$ 149,298	3,479	\$0.7710	\$ 2,682	46,740	\$1,7493	\$ 81,763	\$ 84,445
September	50,213	\$3,1942	\$ 160,392	3,769	\$0.7710	\$ 2,906	50,213	\$1,7493	\$ 87,838	\$ 90,744
October	41,583	\$3,1942	\$ 132,826	3,072	\$0.7710	\$ 2,368	41,583	\$1,7493	\$ 72,742	\$ 75,110
November	47,055	\$3,1942	\$ 150,303	3,633	\$0.7710	\$ 2,801	47,055	\$1,7493	\$ 82,313	\$ 85,114
December	54,476	\$3,1942	\$ 174,008	4,982	\$0.7710	\$ 3,841	54,677	\$1,7493	\$ 95,646	\$ 99,487
<b>Total</b>	575,392	\$ 3,1942	\$ 1,837,917	45,268	\$ 0.7710	\$ 34,902	577,204	\$ 1,7493	\$ 1,009,703	\$ 1,044,605

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

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

Total	Network			Line Connection			Transformation Connection			Total Connection Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	51,446	\$ 3,1942	\$ 164,329	4,566	\$ 0.7710	\$ 3,520	51,779	\$ 1,7493	\$ 90,577	\$ 94,097
February	50,255	\$ 3,1942	\$ 160,526	4,279	\$ 0.7710	\$ 3,299	50,446	\$ 1,7493	\$ 88,245	\$ 91,544
March	49,994	\$ 3,1942	\$ 159,690	4,136	\$ 0.7710	\$ 3,189	51,083	\$ 1,7493	\$ 89,359	\$ 92,548
April	42,932	\$ 3,1942	\$ 137,134	3,316	\$ 0.7710	\$ 2,557	42,932	\$ 1,7493	\$ 75,101	\$ 77,658
May	43,489	\$ 3,1942	\$ 138,912	3,092	\$ 0.7710	\$ 2,384	43,489	\$ 1,7493	\$ 76,075	\$ 78,459
June	49,736	\$ 3,1942	\$ 158,868	3,494	\$ 0.7710	\$ 2,694	49,736	\$ 1,7493	\$ 87,004	\$ 89,698
July	47,471	\$ 3,1942	\$ 151,631	3,450	\$ 0.7710	\$ 2,660	47,471	\$ 1,7493	\$ 83,041	\$ 85,701
August	46,740	\$ 3,1942	\$ 149,298	3,479	\$ 0.7710	\$ 2,682	46,740	\$ 1,7493	\$ 81,763	\$ 84,445
September	50,213	\$ 3,1942	\$ 160,392	3,769	\$ 0.7710	\$ 2,906	50,213	\$ 1,7493	\$ 87,838	\$ 90,744
October	41,583	\$ 3,1942	\$ 132,826	3,072	\$ 0.7710	\$ 2,368	41,583	\$ 1,7493	\$ 72,742	\$ 75,110
November	47,055	\$ 3,1942	\$ 150,303	3,633	\$ 0.7710	\$ 2,801	47,055	\$ 1,7493	\$ 82,313	\$ 85,114
December	54,476	\$ 3,1942	\$ 174,008	4,982	\$ 0.7710	\$ 3,841	54,677	\$ 1,7493	\$ 95,646	\$ 99,487
<b>Total</b>	575,392	\$ 3,19	\$ 1,837,917	45,268	\$ 0.77	\$ 34,902	577,204	\$ 1.75	\$ 1,009,703	\$ 1,044,605

Low Voltage Switchgear Credit (if applicable) \$ -  
**Total including deduction for Low Voltage Switchgear Credit** \$ 1,044,605

# Incentive Regulation Model for 2019 Filers

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

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
February	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
March	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
April	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
May	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
June	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
July	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
August	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
September	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
October	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
November	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
December	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</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	Amount
January	51,446	\$ 3,1942	\$ 164,329	4,566	\$ 0,7710	\$ 3,520	51,779	\$ 1,7493	\$ 90,577	\$ 94,097
February	50,255	\$ 3,1942	\$ 160,526	4,279	\$ 0,7710	\$ 3,299	50,446	\$ 1,7493	\$ 88,245	\$ 91,544
March	49,994	\$ 3,1942	\$ 159,690	4,136	\$ 0,7710	\$ 3,189	51,083	\$ 1,7493	\$ 89,359	\$ 92,548
April	42,932	\$ 3,1942	\$ 137,134	3,316	\$ 0,7710	\$ 2,557	42,932	\$ 1,7493	\$ 75,101	\$ 77,658
May	43,489	\$ 3,1942	\$ 138,912	3,092	\$ 0,7710	\$ 2,384	43,489	\$ 1,7493	\$ 76,075	\$ 78,459
June	49,736	\$ 3,1942	\$ 158,868	3,494	\$ 0,7710	\$ 2,694	49,736	\$ 1,7493	\$ 87,004	\$ 89,698
July	47,471	\$ 3,1942	\$ 151,631	3,450	\$ 0,7710	\$ 2,660	47,471	\$ 1,7493	\$ 83,041	\$ 85,701
August	46,740	\$ 3,1942	\$ 149,298	3,479	\$ 0,7710	\$ 2,682	46,740	\$ 1,7493	\$ 81,763	\$ 84,445
September	50,213	\$ 3,1942	\$ 160,392	3,769	\$ 0,7710	\$ 2,906	50,213	\$ 1,7493	\$ 87,838	\$ 90,744
October	41,583	\$ 3,1942	\$ 132,826	3,072	\$ 0,7710	\$ 2,368	41,583	\$ 1,7493	\$ 72,742	\$ 75,110
November	47,055	\$ 3,1942	\$ 150,303	3,633	\$ 0,7710	\$ 2,801	47,055	\$ 1,7493	\$ 82,313	\$ 85,114
December	54,476	\$ 3,1942	\$ 174,008	4,982	\$ 0,7710	\$ 3,841	54,677	\$ 1,7493	\$ 95,646	\$ 99,487
<b>Total</b>	<b>575,392</b>	<b>\$ 3,19</b>	<b>\$ 1,837,917</b>	<b>45,268</b>	<b>\$ 0,77</b>	<b>\$ 34,902</b>	<b>577,204</b>	<b>\$ 1,75</b>	<b>\$ 1,009,703</b>	<b>\$ 1,044,605</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	51,446	\$ 3,1942	\$ 164,329	4,566	\$ 0,7710	\$ 3,520	51,779	\$ 1,7493	\$ 90,577	\$ 94,097
February	50,255	\$ 3,1942	\$ 160,526	4,279	\$ 0,7710	\$ 3,299	50,446	\$ 1,7493	\$ 88,245	\$ 91,544
March	49,994	\$ 3,1942	\$ 159,690	4,136	\$ 0,7710	\$ 3,189	51,083	\$ 1,7493	\$ 89,359	\$ 92,548
April	42,932	\$ 3,1942	\$ 137,134	3,316	\$ 0,7710	\$ 2,557	42,932	\$ 1,7493	\$ 75,101	\$ 77,658
May	43,489	\$ 3,1942	\$ 138,912	3,092	\$ 0,7710	\$ 2,384	43,489	\$ 1,7493	\$ 76,075	\$ 78,459
June	49,736	\$ 3,1942	\$ 158,868	3,494	\$ 0,7710	\$ 2,694	49,736	\$ 1,7493	\$ 87,004	\$ 89,698
July	47,471	\$ 3,1942	\$ 151,631	3,450	\$ 0,7710	\$ 2,660	47,471	\$ 1,7493	\$ 83,041	\$ 85,701
August	46,740	\$ 3,1942	\$ 149,298	3,479	\$ 0,7710	\$ 2,682	46,740	\$ 1,7493	\$ 81,763	\$ 84,445
September	50,213	\$ 3,1942	\$ 160,392	3,769	\$ 0,7710	\$ 2,906	50,213	\$ 1,7493	\$ 87,838	\$ 90,744
October	41,583	\$ 3,1942	\$ 132,826	3,072	\$ 0,7710	\$ 2,368	41,583	\$ 1,7493	\$ 72,742	\$ 75,110
November	47,055	\$ 3,1942	\$ 150,303	3,633	\$ 0,7710	\$ 2,801	47,055	\$ 1,7493	\$ 82,313	\$ 85,114
December	54,476	\$ 3,1942	\$ 174,008	4,982	\$ 0,7710	\$ 3,841	54,677	\$ 1,7493	\$ 95,646	\$ 99,487
<b>Total</b>	<b>575,392</b>	<b>\$ 3,19</b>	<b>\$ 1,837,917</b>	<b>45,268</b>	<b>\$ 0,77</b>	<b>\$ 34,902</b>	<b>577,204</b>	<b>\$ 1,75</b>	<b>\$ 1,009,703</b>	<b>\$ 1,044,605</b>

Low Voltage Switchgear Credit (if applicable)	\$	-
<b>Total including deduction for Low Voltage Switchgear Credit</b>	<b>\$</b>	<b>1,044,605</b>

# Incentive Regulation Model for 2019 Filers

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

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
February	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
March	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
April	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
May	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
June	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
July	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
August	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
September	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
October	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
November	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
December	-	\$ 3,6100	\$ -	-	\$ 0,9500	\$ -	-	\$ 2,3400	\$ -	\$ -
<b>Total</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	51,446	\$ 3,1942	\$ 164,329	4,566	\$ 0,7710	\$ 3,520	51,779	\$ 1,7493	\$ 90,577	\$ 94,097
February	50,255	\$ 3,1942	\$ 160,526	4,279	\$ 0,7710	\$ 3,299	50,446	\$ 1,7493	\$ 88,245	\$ 91,544
March	49,994	\$ 3,1942	\$ 159,690	4,136	\$ 0,7710	\$ 3,189	51,083	\$ 1,7493	\$ 89,359	\$ 92,548
April	42,932	\$ 3,1942	\$ 137,134	3,316	\$ 0,7710	\$ 2,557	42,932	\$ 1,7493	\$ 75,101	\$ 77,658
May	43,489	\$ 3,1942	\$ 138,912	3,092	\$ 0,7710	\$ 2,384	43,489	\$ 1,7493	\$ 76,075	\$ 78,459
June	49,736	\$ 3,1942	\$ 158,868	3,494	\$ 0,7710	\$ 2,694	49,736	\$ 1,7493	\$ 87,004	\$ 89,698
July	47,471	\$ 3,1942	\$ 151,631	3,450	\$ 0,7710	\$ 2,660	47,471	\$ 1,7493	\$ 83,041	\$ 85,701
August	46,740	\$ 3,1942	\$ 149,298	3,479	\$ 0,7710	\$ 2,682	46,740	\$ 1,7493	\$ 81,763	\$ 84,445
September	50,213	\$ 3,1942	\$ 160,392	3,769	\$ 0,7710	\$ 2,906	50,213	\$ 1,7493	\$ 87,838	\$ 90,744
October	41,583	\$ 3,1942	\$ 132,826	3,072	\$ 0,7710	\$ 2,368	41,583	\$ 1,7493	\$ 72,742	\$ 75,110
November	47,055	\$ 3,1942	\$ 150,303	3,633	\$ 0,7710	\$ 2,801	47,055	\$ 1,7493	\$ 82,313	\$ 85,114
December	54,476	\$ 3,1942	\$ 174,008	4,982	\$ 0,7710	\$ 3,841	54,677	\$ 1,7493	\$ 95,646	\$ 99,487
<b>Total</b>	575,392	\$ 3,19	\$ 1,837,917	45,268	\$ 0,77	\$ 34,902	577,204	\$ 1,75	\$ 1,009,703	\$ 1,044,605

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>	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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>	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	51,446	\$ 3,19	\$ 164,329	4,566	\$ 0,77	\$ 3,520	51,779	\$ 1,75	\$ 90,577	\$ 94,097
February	50,255	\$ 3,19	\$ 160,526	4,279	\$ 0,77	\$ 3,299	50,446	\$ 1,75	\$ 88,245	\$ 91,544
March	49,994	\$ 3,19	\$ 159,690	4,136	\$ 0,77	\$ 3,189	51,083	\$ 1,75	\$ 89,359	\$ 92,548
April	42,932	\$ 3,19	\$ 137,134	3,316	\$ 0,77	\$ 2,557	42,932	\$ 1,75	\$ 75,101	\$ 77,658
May	43,489	\$ 3,19	\$ 138,912	3,092	\$ 0,77	\$ 2,384	43,489	\$ 1,75	\$ 76,075	\$ 78,459
June	49,736	\$ 3,19	\$ 158,868	3,494	\$ 0,77	\$ 2,694	49,736	\$ 1,75	\$ 87,004	\$ 89,698
July	47,471	\$ 3,19	\$ 151,631	3,450	\$ 0,77	\$ 2,660	47,471	\$ 1,75	\$ 83,041	\$ 85,701
August	46,740	\$ 3,19	\$ 149,298	3,479	\$ 0,77	\$ 2,682	46,740	\$ 1,75	\$ 81,763	\$ 84,445
September	50,213	\$ 3,19	\$ 160,392	3,769	\$ 0,77	\$ 2,906	50,213	\$ 1,75	\$ 87,838	\$ 90,744
October	41,583	\$ 3,19	\$ 132,826	3,072	\$ 0,77	\$ 2,368	41,583	\$ 1,75	\$ 72,742	\$ 75,110
November	47,055	\$ 3,19	\$ 150,303	3,633	\$ 0,77	\$ 2,801	47,055	\$ 1,75	\$ 82,313	\$ 85,114
December	54,476	\$ 3,19	\$ 174,008	4,982	\$ 0,77	\$ 3,841	54,677	\$ 1,75	\$ 95,646	\$ 99,487
<b>Total</b>	575,392	\$ 3,19	\$ 1,837,917	45,268	\$ 0,77	\$ 34,902	577,204	\$ 1,75	\$ 1,009,703	\$ 1,044,605

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 1,044,605

# Incentive Regulation Model for 2019 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	0.0067	124,912,377	0	836,913	44.1%	811,193	0.0065
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	48,415,078	3,687	295,332	15.6%	286,256	0.0059
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4244		311,321	754,767	39.8%	731,571	2.3499
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	428,590	0	2,614	0.1%	2,534	0.0059
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8284		3,591	6,566	0.3%	6,364	1.7722

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	0.0040	124,912,377	0	499,650	46.0%	480,836	0.0038
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032	48,415,078	3,687	154,928	14.3%	149,095	0.0031
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3675		311,321	425,731	39.2%	409,701	1.3160
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032	428,590	0	1,371	0.1%	1,320	0.0031
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0572		3,591	3,796	0.3%	3,653	1.0174

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	124,912,377	0	811,193	44.1%	811,193	0.0065
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	48,415,078	3,687	286,256	15.6%	286,256	0.0059
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3499		311,321	731,571	39.8%	731,571	2.3499
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	428,590	0	2,534	0.1%	2,534	0.0059
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7722		3,591	6,364	0.3%	6,364	1.7722

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038	124,912,377	0	480,836	46.0%	480,836	0.0038
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031	48,415,078	3,687	149,095	14.3%	149,095	0.0031
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3160		311,321	409,701	39.2%	409,701	1.3160
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031	428,590	0	1,320	0.1%	1,320	0.0031
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0174		3,591	3,653	0.3%	3,653	1.0174

# Incentive Regulation Model for 2019 Filers

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

Price Escalator	1.20%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	14,233	Effective Year of Residential Rate Design Transition (yyyy)	2016
Choose Stretch Factor Group	II	Price Cap Index	1.05%	Billed kWh for Residential Class (approved in the last CoS)	117,956,589	OEB-approved # of Transition Years	4
Associated Stretch Factor Value	0.15%			Rate Design Transition Years Left	1		

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	21.41		0.0053		1.05%	25.33	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	21.23		0.014		1.05%	21.45	0.0141
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	101.42		3.3169		1.05%	102.48	3.3517
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.51		0.0121		1.05%	0.52	0.0122
STREET LIGHTING SERVICE CLASSIFICATION	3.71		15.4685		1.05%	3.75	15.6309
microFIT SERVICE CLASSIFICATION	5.4					5.4	

Rate Design Transition	Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates <sup>1</sup>	Revenue at New F/V Split	
Current Residential Fixed Rate (inclusive of R/C adj.)	21.4100	3,656,742	85.4%	14.6%	3.66	100.0%	25.07	4,281,856
Current Residential Variable Rate (inclusive of R/C adj.)	0.0053	625,170	14.6%			0.0%	0.0000	0
		4,281,912						4,281,856

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



# Incentive Regulation Model for 2019 Filers

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

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

## **Time-of-Use RPP Prices**

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

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

Debt Retirement Charge (DRC)	\$/kWh	0.0000
------------------------------	--------	--------

## **Smart Meter Entity Charge (SME)**

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





# Incentive Regulation Model for 2019 Filers

In the Green Cells below, enter any proposed rate riders that are not already included in this model (e.g.: proposed ICM rate riders). Please note that existing SMIRR and SM Entity Charge do not need to be included below.

In column A, the rate rider descriptions must begin with "Rate Rider for".

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

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

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

In column G, choose the sub-total as applicable in the bill impact calculation from the drop-down menu.

## RESIDENTIAL SERVICE CLASSIFICATION

Rate Rider for the Collus Powerstream and EPCOR Share Purchase Agreement	\$	-0.25	- effective until 9/30/2023	A
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

# **Appendix D – LRAMVA Work Form**

**Board File Number EB-2018-0025**



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

## 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="#">3-a. Rate Class Allocations</a>	A blank spreadsheet is provided to allow LDCs to populate distributor specific rate class percentages to allocate actual CDM savings to different customer classes.
<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).

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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.*



## LRAMVA Work Form: Summary Tab

**Legend**

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

**LDC Name**

EPCOR ELECTRICITY DISTRIBUTION ONTARIO 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**

Previous LRAMVA Application (EB#)	2017-0034
Application of Previous LRAMVA Claim	2013 COS
Period of LRAMVA Claimed in Previous Application	2013-2015
Amount of LRAMVA Claimed in Previous Application	\$ 54,720

**B. Current LRAMVA Application**

Current LRAMVA Application (EB#)	EB-2018-0025	
Application of Current LRAMVA Claim	2018 COS/IRM Application	
Period of New LRAMVA in this Application	2011-2015	
Actual Lost Revenues (\$)	A	\$ 142,689
Forecast Lost Revenues (\$)	B	\$ 67,548
Carrying Charges (\$)	C	\$ 379
LRAMVA (\$) for Account 1568	A-B+C	\$ 75,519

**Table 1-a. LRAMVA Totals by Rate Class**

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

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim.

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

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$36,136	\$182	\$36,318
GS<50 kW	kWh	\$64,651	\$326	\$64,977

GS>50 kW	kW	-\$22,636	-\$114	-\$22,750
Streetlights	kW	-\$2,955	-\$15	-\$2,970
Unmetered Scattered Load	KWh	-\$55	\$0	-\$56
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
<b>Total</b>		<b>\$75,141</b>	<b>\$379</b>	<b>\$75,519</b>

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

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

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

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

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load
		kWh	kWh	kW	kW	KWh
2016 Actuals	<input type="checkbox"/>	\$58,866.85	\$72,090.96	\$11,730.95	\$0.00	\$0.00
2016 Forecast	<input checked="" type="checkbox"/>	(\$22,730.55)	(\$7,440.26)	(\$34,367.02)	(\$2,955.01)	(\$55.27)
Amount Cleared						
<a href="#">Carrying Charges</a>		\$182.19	\$325.95	(\$114.12)	(\$14.90)	(\$0.28)
<b>Total LRAMVA Balance</b>		<b>\$36,318</b>	<b>\$64,977</b>	<b>-\$22,750</b>	<b>-\$2,970</b>	<b>-\$56</b>

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



# LRAMVA Work Form: Summary of Changes

**Legend**

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

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

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

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

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

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

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



## LRAMVA Work Form: Forecast Lost Revenues

Version 2.0 (2017)

**Legend**

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

**Table 2-a. LRAMVA Threshold** 2013

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

	Total	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load								
		kWh	kWh	kW	kW	KWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
kWh	3,264,017	1,345,003	543,085	1,346,579	24,666	4,684								
KW	10,867	0	0	10671	196									
Summary		1345003	543085	10671	196	4684	0	0	0	0	0	0	0	0

Basis of Threshold    
 Source of Threshold 2013 Settlement Agreement, p. 23/24 of 43

**Table 2-b. LRAMVA Threshold**  

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

	Total	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load								
		kWh	kWh	kW	kW	KWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
kWh	0													
KW	0													
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0

Basis of Threshold    
 Source of Threshold 20XX Settlement Agreement, p. X

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

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

Year	LRAMVA Threshold	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load								
		kWh	kWh	kW	kW	KWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011		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
2013	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0
2014	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0
2015	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0
2016	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0
2017	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0
2018	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0
2019		0	0	0	0	0	0	0	0	0	0	0	0	0
2020		0	0	0	0	0	0	0	0	0	0	0	0	0

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



# LRAMVA Work Form: Distribution Rates

**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-2009-0220	EB-2010-0076	EB-2011-0163	EB-2012-0116	EB-2013-0121	EB-2014-0065	EB-2015-0062	EB-2016-0064	EB-2017-0034	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		0	4	4	9	4	4	4	4	4			
Period 2 (# months)		12	8	8	3	8	8	8	8	8	12	12	12
<b>Residential</b>	kWh	\$ 0.0178	\$ 0.0169	\$ 0.0170	\$ 0.0193	\$ 0.0196	\$ 0.0199	\$ 0.0152	\$ 0.0103	\$ 0.0053			
Adjusted rate		\$ 0.0178	\$ 0.0168	\$ 0.0168	\$ 0.0198	\$ 0.0196	\$ 0.0199	\$ 0.0154	\$ 0.0105	\$ 0.0055	\$ -	\$ -	
Calendar year equivalent		\$	\$ 0.0171	\$ 0.0168	\$ 0.0175	\$ 0.0197	\$ 0.0198	\$ 0.0169	\$ 0.0121	\$ 0.0071	\$ -	\$ -	
<b>GS&lt;50 kW</b>	kWh	\$ 0.0112	\$ 0.0112	\$ 0.0113	\$ 0.0131	\$ 0.0133	\$ 0.0135	\$ 0.0137	\$ 0.0139	\$ 0.0140			
Adjusted rate		\$ 0.0112	\$ 0.0111	\$ 0.0112	\$ 0.0136	\$ 0.0133	\$ 0.0135	\$ 0.0138	\$ 0.0140	\$ 0.0141	\$ -	\$ -	
Calendar year equivalent		\$	\$ 0.0111	\$ 0.0112	\$ 0.0118	\$ 0.0134	\$ 0.0134	\$ 0.0137	\$ 0.0139	\$ 0.0141	\$ -	\$ -	
<b>GS&gt;50 kW</b>	kW	\$ 2.2849	\$ 2.6222	\$ 2.6400	\$ 3.0850	\$ 3.1282	\$ 3.1689	\$ 3.2259	\$ 3.2824	\$ 3.3169			
Adjusted rate		\$ 2.2849	\$ 2.6136	\$ 2.6160	\$ 3.0938	\$ 3.1282	\$ 3.1689	\$ 3.2465	\$ 3.3025	\$ 3.3360	\$ -	\$ -	
Calendar year equivalent		\$	\$ 2.5040	\$ 2.6152	\$ 2.7355	\$ 3.1167	\$ 3.1553	\$ 3.2206	\$ 3.2838	\$ 3.3248	\$ -	\$ -	
<b>Streetlights</b>	kW	\$ 11.2240	\$ 13.9108	\$ 14.0054	\$ 14.3874	\$ 14.5888	\$ 14.7785	\$ 15.0445	\$ 15.3078	\$ 15.4685			
Adjusted rate		\$ 11.2240	\$ 13.8209	\$ 13.7549	\$ 14.3876	\$ 14.5888	\$ 14.7785	\$ 15.2257	\$ 15.4886	\$ 15.6591	\$ -	\$ -	
Calendar year equivalent		\$	\$ 12.9553	\$ 13.7769	\$ 13.9131	\$ 14.5217	\$ 14.7153	\$ 15.0766	\$ 15.4010	\$ 15.6023	\$ -	\$ -	
<b>Unmetered Scattered Load</b>	KWh	\$ 0.0176	\$ 0.0176	\$ 0.0177	\$ 0.0113	\$ 0.0115	\$ 0.0116	\$ 0.0118	\$ 0.0120	\$ 0.0121			
Adjusted rate		\$ 0.0152	\$ 0.0159	\$ 0.0176	\$ 0.0038	\$ 0.0115	\$ 0.0116	\$ 0.0119	\$ 0.0121	\$ 0.0122	\$ -	\$ -	
Calendar year equivalent		\$	\$ 0.0157	\$ 0.0170	\$ 0.0142	\$ 0.0089	\$ 0.0116	\$ 0.0118	\$ 0.0120	\$ 0.0122	\$ -	\$ -	
0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	



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

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

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. As such, please clear the rates related to the year(s) that are not part of the LRAMVA claim. The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load									
	kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0
2011	\$0.0171	\$0.0111	\$2.5040	\$12.9553	\$0.0157	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0168	\$0.0112	\$2.6152	\$13.7769	\$0.0170	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0175	\$0.0118	\$2.7355	\$13.9131	\$0.0142	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0197	\$0.0134	\$3.1167	\$14.5217	\$0.0089	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0198	\$0.0134	\$3.1553	\$14.7153	\$0.0116	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0169	\$0.0137	\$3.2206	\$15.0766	\$0.0118	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition

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

**Legend**

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

**Instructions**

- LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please ensure that the ISO 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 LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-

- Tables**
- [Table 4-a. 2011 Lost Revenues](#)
  - [Table 4-b. 2012 Lost Revenues](#)
  - [Table 4-c. 2013 Lost Revenues](#)
  - [Table 4-d. 2014 Lost Revenues](#)

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

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA														Total
		2011	2011	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load										
<b>Consumer Program</b>		kWh	kWh	kW	kW	kWh	0	0	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2011		733,546	212	259,800	314,467	524	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2011				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2011				\$0.01710	\$0.01110	\$2.50400	\$12.95530	\$0.01570	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2011 from 2011 programs				\$4,442.57	\$3,490.59	\$1,311.51	\$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 2011 LRAMVA in 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2011 Savings Persisting in 2012				259,800	314,467	524	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2013				259,800	314,467	524	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2014				259,047	232,534	524	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2015				233,359	232,534	524	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2016				180,634	232,534	524	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2017				151,047	170,235	524	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2018				150,632	170,235	524	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2019				174,743	170,235	524	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2020				99,708	170,235	524	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

**Table 4-b. 2012 Lost Revenues Work Form**

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA														Total
		2012	2012	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load										
<b>Consumer Program</b>		kWh	kWh	kW	kW	kWh	0	0	0	0	0	0	0	0	0	0		
Actual CDM Savings in 2012		1,720,379	391	182,798	1,315,359	490	0	0	0	0	0	0	0	0	0	0		
Forecast CDM Savings in 2012				0	0	0	0	0	0	0	0	0	0	0	0	0		
Distribution Rate in 2012				\$0.01680	\$0.01120	\$2.61520	\$13.77690	\$0.01700	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		
Lost Revenue in 2012 from 2011 programs				\$4,364.63	\$3,522.03	\$1,370.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Lost Revenue in 2012 from 2012 programs				\$3,071.01	\$14,736.74	\$1,262.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
<b>Total Lost Revenues in 2012</b>				<b>\$7,435.65</b>	<b>\$18,260.78</b>	<b>\$2,632.45</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		
Forecast Lost Revenues in 2012 LRAMVA in 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2012 Savings Persisting in 2013				182,798	1,297,116	473	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2014				182,798	1,295,799	472	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2015				181,957	1,201,088	445	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2016				161,603	1,201,088	445	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2017				121,505	1,103,836	443	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2018				101,168	1,092,091	431	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2019				100,336	1,092,091	431	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2020				91,876	1,028,927	380	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of key assumptions included above

**Table 4-c. 2013 Lost Revenues Work Form**

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA														Total
		2013	2013	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load										

Program	Results Status	2013	2013	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load										Total
<b>Consumer Program</b>																		
Actual CDM Savings in 2013		1,632,662	515	185,768	1,307,546	285	0	0	0	0	0	0	0	0	0	0	0	0
Forecast CDM Savings in 2013				1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0	0
Distribution Rate in 2013				\$0.01750	\$0.01180	\$2.73550	\$13.91310	\$0.01420	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Lost Revenue in 2013 from 2011 programs		\$4,546.49	\$3,710.71	\$1,433.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,690.29
Lost Revenue in 2013 from 2012 programs		\$3,198.97	\$15,305.97	\$1,295.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,800.19
Lost Revenue in 2013 from 2013 programs		\$3,250.94	\$15,429.94	\$778.51	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,458.49
<b>Total Lost Revenues in 2013</b>		<b>\$10,996.41</b>	<b>\$34,445.72</b>	<b>\$3,506.85</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$48,948.98</b>
<b>Forecast Lost Revenues in 2013</b>		<b>\$23,537.55</b>	<b>\$6,408.40</b>	<b>\$29,190.52</b>	<b>\$2,726.97</b>	<b>\$66.51</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$61,929.96</b>
<b>LRAMVA in 2013</b>																		<b>-\$12,980.98</b>
2013 Savings Persisting in 2014				185,585	1,292,992	285	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2015				177,580	1,287,922	283	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2016				170,631	1,189,278	283	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2017				152,850	1,092,095	273	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2018				140,811	1,083,037	262	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2019				139,608	1,083,037	262	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2020				138,728	1,080,027	262	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA														Total
		2014	2014	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load										
<b>Consumer Program</b>																		
Actual CDM Savings in 2014		2,372,506	812	631,304	1,414,116	718	0	0	0	0	0	0	0	0	0	0	0	0
Forecast CDM Savings in 2014				1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0	0
Distribution Rate in 2014				\$0.01970	\$0.01340	\$3.11670	\$14.52170	\$0.00890	\$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		\$5,103.23	\$3,115.96	\$1,632.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,851.97
Lost Revenue in 2014 from 2012 programs		\$3,601.13	\$17,363.70	\$1,472.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22,436.91
Lost Revenue in 2014 from 2013 programs		\$3,656.02	\$17,326.10	\$887.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21,869.12
Lost Revenue in 2014 from 2014 programs		\$12,436.69	\$18,949.15	\$2,238.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33,623.92
<b>Total Lost Revenues in 2014</b>		<b>\$24,797.07</b>	<b>\$56,754.91</b>	<b>\$6,229.94</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$87,781.92</b>
<b>Forecast Lost Revenues in 2014</b>		<b>\$26,496.56</b>	<b>\$7,277.34</b>	<b>\$33,258.31</b>	<b>\$2,846.25</b>	<b>\$41.69</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$69,920.14</b>
<b>LRAMVA in 2014</b>																		<b>\$17,861.77</b>
2014 Savings Persisting in 2015				578,637	1,410,164	717	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2016				547,052	1,085,614	717	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2017				545,095	1,018,126	709	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2018				527,221	1,018,126	228	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2019				506,444	1,018,126	228	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2020				506,523	1,009,209	223	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above



Ontario Energy Board

**LRAMVA Work Form:**

**2015 - 2020 Lost Revenues Work Form**

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

**Instructions**

- LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that
- Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example,
- The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent
- LDCs are requested to input the applicable rate class allocation percentages to allocate actual savings in
- 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

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

Table 5-a. 2015 Lost Revenues Work Form

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA													Total	
		2015	2015	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load										
<b>Legacy Framework</b>				kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0	0
Actual CDM Savings in 2015		2,103,797	328	588,648	1,075,492	738	0	0	0	0	0	0	0	0	0	0	0	0
Forecast CDM Savings in 2015		1,345,003	543,085	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0	0
Distribution Rate in 2015				\$0.01980	\$0.01340	\$3.15530	\$14.71530	\$0.01160	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Lost Revenue in 2015 from 2011 programs				\$4,620.51	\$3,115.96	\$1,653.01	\$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 2015 from 2012 programs				\$3,602.75	\$16,094.58	\$1,403.16	\$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 2015 from 2013 programs				\$3,516.08	\$17,258.16	\$892.79	\$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 2015 from 2014 programs				\$11,457.02	\$18,896.20	\$2,263.42	\$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 2015 from 2015 programs				\$11,655.25	\$14,411.59	\$2,328.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Lost Revenues in 2015</b>				<b>\$34,851.61</b>	<b>\$69,776.48</b>	<b>\$8,540.49</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Forecast Lost Revenues in 2015 LRAMVA in 2015</b>				<b>\$26,631.06</b>	<b>\$7,277.34</b>	<b>\$3,670.21</b>	<b>\$2,884.20</b>	<b>\$54.33</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
2015 Savings Persisting in 2016				578,990	1,048,900	738	0	0	0	0	0	0	0	0	0	0	0	0
2015 Savings Persisting in 2017				578,378	1,018,326	737	0	0	0	0	0	0	0	0	0	0	0	0
2015 Savings Persisting in 2018				577,661	1,018,326	737	0	0	0	0	0	0	0	0	0	0	0	0
2015 Savings Persisting in 2019				572,254	1,018,326	737	0	0	0	0	0	0	0	0	0	0	0	0
2015 Savings Persisting in 2020				566,149	1,018,326	737	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA													Total	
		2016	2016	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load										
<b>Legacy Framework</b>				kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0	0
Actual CDM Savings in 2016		2,882,336	287	1,844,337	504,701	936	0	0	0	0	0	0	0	0	0	0	0	0
Forecast CDM Savings in 2016		1,345,003	543,085	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0	0
Distribution Rate in 2016				\$0.01690	\$0.01370	\$3.22060	\$15.07660	\$0.01180	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Lost Revenue in 2016 from 2011 programs				\$3,052.71	\$3,185.72	\$1,687.22	\$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 2016 from 2012 programs				\$2,731.09	\$16,454.50	\$1,432.29	\$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 2016 from 2013 programs				\$2,883.66	\$16,293.11	\$911.27	\$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 2016 from 2014 programs				\$9,245.17	\$14,872.91	\$2,310.27	\$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 2016 from 2015 programs				\$9,784.93	\$14,369.93	\$2,376.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2016 from 2016 programs				\$31,169.29	\$6,914.40	\$3,013.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Lost Revenues in 2016</b>				<b>\$58,866.85</b>	<b>\$72,090.96</b>	<b>\$11,730.95</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Forecast Lost Revenues in 2016 LRAMVA in 2016</b>				<b>\$22,730.55</b>	<b>\$7,440.26</b>	<b>\$3,367.02</b>	<b>\$2,955.01</b>	<b>\$55.27</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
2016 Savings Persisting in 2017				1,527,195	504,300	936	0	0	0	0	0	0	0	0	0	0	0	0



# LRAMVA Work Form: Carrying Charges by Rate Class

Version 2.0 (2017)

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

- Instructions**
1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the 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.

Table 6. Prescribed Interest Rates

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

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

[Go to Tab 1: Summary](#)

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
Jan-11	2011	Q1	0.12%	\$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
Mar-11	2011	Q1	0.12%	\$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
May-11	2011	Q2	0.12%	\$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
Jul-11	2011	Q3	0.12%	\$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
Sep-11	2011	Q3	0.12%	\$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
Nov-11	2011	Q4	0.12%	\$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
<b>Total for 2011</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Amount Cleared</b>									
<b>Opening Balance for 2012</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Jan-12	2011-2012	Q1	0.12%	\$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
Mar-12	2011-2012	Q1	0.12%	\$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
May-12	2011-2012	Q2	0.12%	\$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
Jul-12	2011-2012	Q3	0.12%	\$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
Sep-12	2011-2012	Q3	0.12%	\$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
Nov-12	2011-2012	Q4	0.12%	\$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
<b>Total for 2012</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Amount Cleared</b>									
<b>Opening Balance for 2013</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Jan-13	2011-2013	Q1	0.12%	\$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
Mar-13	2011-2013	Q1	0.12%	\$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
May-13	2011-2013	Q2	0.12%	\$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
Jul-13	2011-2013	Q3	0.12%	\$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
Sep-13	2011-2013	Q3	0.12%	\$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
Nov-13	2011-2013	Q4	0.12%	\$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
<b>Total for 2013</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Amount Cleared</b>									
<b>Opening Balance for 2014</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Jan-14	2011-2014	Q1	0.12%	\$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
Mar-14	2011-2014	Q1	0.12%	\$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
May-14	2011-2014	Q2	0.12%	\$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
Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total for 2014</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Amount Cleared</b>									
<b>Opening Balance for 2015</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Oct-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Nov-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Dec-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Total for 2015</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>Amount Cleared</b>																			
<b>Opening Balance for 2016</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Jan-16	2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Feb-16	2011-2016	Q1	0.09%	\$2.76	\$4.94	-\$1.73	-\$0.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Mar-16	2011-2016	Q1	0.09%	\$5.52	\$9.88	-\$3.46	-\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Apr-16	2011-2016	Q2	0.09%	\$8.28	\$14.82	-\$5.19	-\$0.68	-\$0.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
May-16	2011-2016	Q2	0.09%	\$11.04	\$19.75	-\$6.92	-\$0.90	-\$0.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jun-16	2011-2016	Q2	0.09%	\$13.80	\$24.69	-\$8.65	-\$1.13	-\$0.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jul-16	2011-2016	Q3	0.09%	\$16.56	\$29.63	-\$10.37	-\$1.35	-\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Aug-16	2011-2016	Q3	0.09%	\$19.32	\$34.57	-\$12.10	-\$1.58	-\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Sep-16	2011-2016	Q3	0.09%	\$22.08	\$39.51	-\$13.83	-\$1.81	-\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Oct-16	2011-2016	Q4	0.09%	\$24.84	\$44.45	-\$15.56	-\$2.03	-\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Nov-16	2011-2016	Q4	0.09%	\$27.60	\$49.39	-\$17.29	-\$2.26	-\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Dec-16	2011-2016	Q4	0.09%	\$30.36	\$54.32	-\$19.02	-\$2.48	-\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Total for 2016</b>				<b>\$182.19</b>	<b>\$325.95</b>	<b>-\$114.12</b>	<b>-\$14.90</b>	<b>-\$0.28</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	



# **Appendix E – Collus PowerStream Approved 2018 Tariff Sheet**

**Board File Number EB-2018-0025**



**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0034

## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning.

Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

## APPLICATION

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

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

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

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

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	21.41
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Application of Tax Change (2018) - effective until April 30, 2019	\$	0.11
Distribution Volumetric Rate	\$/kWh	0.0053
Low Voltage Service Rate	\$/kWh	0.0016
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0019
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	0.0016
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2020 Applicable only for Class B Customers	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040

## MONTHLY RATES AND CHARGES - Regulatory Component

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

**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2018**  
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**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0034

## 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 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 the Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	21.23
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0140
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	0.0019
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	0.0017
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2020		
Applicable only for Class B Customers	\$/kWh	0.0001
Rate Rider for Application of Tax Change (2018) - effective until April 30, 2019	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2018**  
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EB-2017-0034

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

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 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.

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.

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 the Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	101.42
Distribution Volumetric Rate	\$/kW	3.3169
Low Voltage Service Rate	\$/kW	0.5215
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0019
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	\$/kW	(0.1338)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3853)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	1.3243
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2020 Applicable only for Class B Customers	\$/kW	0.0471

Issued - March 22, 2018

**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2018**  
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EB-2017-0034

Rate Rider for Application of Tax Change (2018) - effective until April 30, 2019	\$/kW	0.0191
Retail Transmission Rate - Network Service Rate	\$/kW	2.4244
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3675

**MONTHLY RATES AND CHARGES - Regulatory Component**

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

**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2018**  
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EB-2017-0034

## 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 the Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	0.51
Distribution Volumetric Rate	\$/kWh	0.0121
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0019
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	\$/kWh	(0.0004)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	0.0020
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2020 Applicable only for Class B Customers	\$/kWh	0.0001
Rate Rider for Application of Tax Change (2018) - effective until April 30, 2019	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2018**  
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EB-2017-0034

## 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 the Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.71
Distribution Volumetric Rate	\$/kW	15.4685
Low Voltage Service Rate	\$/kW	0.4031
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0019
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	\$/kW	(1.5199)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	0.8235
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2020 Applicable only for Class B Customers	\$/kW	0.0442
Rate Rider for Application of Tax Change (2018) - effective until April 30, 2019	\$/kW	0.1906
Retail Transmission Rate - Network Service Rate	\$/kW	1.8284
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0572

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2017-0034

**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 the Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	5.40
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**Collus PowerStream Corp.**  
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EB-2017-0034

**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**

Charge to certify cheque	\$	15.00
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

**Non-Payment of Account**

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	20.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect at meter - during regular hours	\$	40.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00

**Other**

Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35



**Collus PowerStream Corp.**  
**TARIFF OF RATES AND CHARGES**  
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**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0034

## 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 the Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

## LOSS FACTORS

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	1.0710
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0603

# **Appendix F – Global Adjustment Variance Work Form 2018**

**Board File Number EB-2018-0025**

# GA Analysis Workform

Version 1.0

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

Input cells   
 Drop down cells

Utility Name

- Note 1 **Year(s) Requested for Disposition**
- 2014
  - 2015
  - 2016
  - 2017

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

Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K51)	Net Change in Principal Balance in the GL (cell C62)	Reconciling Items (sum of cells C63 to C75)	Adjusted Net Change in Principal Balance in the GL (cell C76)	Unresolved Difference	\$ Consumption at Actual Rate Paid (cell J51)	Unresolved Difference as % of Expected GA Payments to IESO
2014	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2015	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2017	\$ 106,748	\$ 575,610	\$ 376,890	\$ 198,720	\$ 91,972	\$ 9,458,421	1.0%
<b>Cumulative Balance</b>	<b>\$ 106,748</b>	<b>\$ 575,610</b>	<b>\$ 376,890</b>	<b>\$ 198,720</b>	<b>\$ 91,972</b>	<b>\$ 9,458,421</b>	<b>N/A</b>

# GA Analysis Workform

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

		2017		
Year				
Total Metered excluding WMP	C = A+B	288,676,433	kWh	100%
RPP	A	156,368,051	kWh	54.2%
Non RPP	B = D+E	132,308,382	kWh	45.8%
Non-RPP Class A	D	43,660,808	kWh	15.1%
Non-RPP Class B*	E	88,647,575	kWh	30.7%

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

Note 3 GA Billing Rate

GA is billed on the

1st Estimate

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

Note 4 Analysis of Expected GA Amount

		2017								
Year										
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)	
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K	
January	9,686,962	-	73,317	9,613,645	0.06887	\$ 642,864	0.08227	\$ 790,915	\$ 148,050	
February	9,421,439	-	735,521	8,685,918	0.10559	\$ 917,146	0.08639	\$ 750,376	-\$ 166,770	
March	8,929,080	-	619,887	9,548,967	0.08409	\$ 802,973	0.07135	\$ 681,319	-\$ 121,654	
April	9,466,642	-	1,695,333	7,771,309	0.06874	\$ 534,200	0.10778	\$ 837,592	\$ 303,392	
May	7,792,585	-	689,669	8,482,254	0.10623	\$ 901,070	0.12307	\$ 1,043,911	\$ 142,841	
June	8,531,419	-	25,601	8,505,818	0.11954	\$ 1,016,785	0.11848	\$ 1,007,769	-\$ 9,016	
July	8,442,303	-	1,435,740	7,006,563	0.10652	\$ 746,339	0.11260	\$ 790,340	\$ 44,001	
August	6,906,154	-	31,289	6,937,443	0.11500	\$ 797,806	0.10109	\$ 701,306	-\$ 96,500	
September	7,091,281	-	410,738	6,680,543	0.12739	\$ 851,034	0.08864	\$ 592,163	-\$ 258,871	
October	6,532,778	-	363,737	6,896,515	0.10212	\$ 704,272	0.12563	\$ 866,409	\$ 162,137	
November	7,056,203	-	39,170	7,095,378	0.11164	\$ 792,128	0.09704	\$ 688,536	-\$ 103,593	
December	6,595,007	-	1,092,456	7,687,464	0.08391	\$ 645,055	0.09207	\$ 707,785	\$ 62,730	
<b>Total Change in Expected GA balance in the Year (i.e. Transactions in the Year)</b>	<b>96,451,859</b>	<b>-</b>	<b>1,540,041</b>	<b>94,911,818</b>		<b>\$ 9,351,673</b>		<b>\$ 9,458,421</b>	<b>\$ 106,748</b>	

Calculated Loss Factor

1.0707

Note 5 **Reconciling Items**

	Item	Amount	Explanation
	<b>Net Change in Principal Balance in the GL (i.e. Transactions in the Year)</b>	\$ 575,610	
1a	True-up of GA Charges based on Actual Non-RPP Volumes - prior year		
1b	True-up of GA Charges based on Actual Non-RPP Volumes - current year	-\$ 224,501	RPP Trueup determined that GA portion of GA/Power determination was over allocated by \$224.5k. Adjustment posted in 2018
2a	Remove prior year end unbilled to actual revenue differences		
2b	Add current year end unbilled to actual revenue differences		
	Remove difference between prior year accrual/forecast to actual from long term load transfers	-\$ 7,629	Variance between final LTLT amounts and amounts accrued
3a	Add difference between current year accrual/forecast to actual from long term load transfers		
3b	Remove GA balances pertaining to Class A customers		
4	Remove GA balances pertaining to Class A customers		
5	Significant prior period billing adjustments recorded in current year		
6	Differences in GA IESO posted rate and rate charged on IESO invoice	-\$ 144,761	Calculated difference between expected GA amount (as per published rates) compared to actual (as per IESO invoice)
7	Differences in actual system losses and billed TLFs		
8	Others as justified by distributor		
9			
10			

Note 6	<b>Adjusted Net Change in Principal Balance in the GL</b>	\$ 198,720
	<b>Net Change in Expected GA Balance in the Year Per Analysis</b>	\$ 106,748
	<b>Unresolved Difference</b>	\$ 91,972
	<b>Unresolved Difference as % of Expected GA Payments to IESO</b>	<u>1.0%</u>

# **Appendix G – Corporation Articles of Amendment**

**Board File Number EB-2018-0025**

1402919

**Ontario**  
**CERTIFICATE**  
This is to certify that these  
articles are effective on

**CERTIFICAT**  
Ceci certifie que les présents  
statuts entrent en vigueur le

**OCTOBER 02 OCTOBRE, 2018**

*Barbara Rackitt* (17)

Director / Directrice

Business Corporations Act / Loi sur les sociétés par actions

Form 3  
Business  
Corporations  
Act

Formule 3  
Loi sur les  
sociétés par  
actions

**ARTICLES OF AMENDMENT  
STATUTS DE MODIFICATION**

1. The name of the corporation is: (Set out in BLOCK CAPITAL LETTERS)  
Dénomination sociale actuelle de la société (écrire en LETTRES MAJUSCULES SEULEMENT) :

C	O	L	L	U	S		P	O	W	E	R	S	T	R	E	A	M		C	O	R	P	.														

2. The name of the corporation is changed to (if applicable): (Set out in BLOCK CAPITAL LETTERS)  
Nouvelle dénomination sociale de la société (s'il y a lieu) (écrire en LETTRES MAJUSCULES SEULEMENT) :

E	P	C	O	R		E	L	E	C	T	R	I	C	I	T	Y		D	I	S	T	R	I	B	U	T	I	O	N									
						O	N	T	A	R	I	O				I	N	C	.																			

3. Date of incorporation/amalgamation:  
Date de la constitution ou de la fusion :  
2000/04/13  
(Year, Month, Day)  
(année, mois, jour)

4. **Complete only if there is a change in the number of directors or the minimum / maximum number of directors.**  
**Il faut remplir cette partie seulement si le nombre d'administrateurs ou si le nombre minimal ou maximal d'administrateurs a changé.**

Number of directors is/are: minimum and maximum number of directors is/are:  
Nombre d'administrateurs : nombres minimum et maximum d'administrateurs :

Number minimum and maximum  
Nombre minimum et maximum

or

5. The articles of the corporation are amended as follows:  
Les statuts de la société sont modifiés de la façon suivante :  
**CHANGING THE NAME OF THE CORPORATION TO:**  
**EPCOR ELECTRICITY DISTRIBUTION ONTARIO INC.**

6. The amendment has been duly authorized as required by sections 168 and 170 (as applicable) of the *Business Corporations Act*.  
La modification a été dûment autorisée conformément aux articles 168 et 170 (selon le cas) de la *Loi sur les sociétés par actions*.
7. The resolution authorizing the amendment was approved by the shareholders/directors (as applicable) of the corporation on  
Les actionnaires ou les administrateurs (selon le cas) de la société ont approuvé la résolution autorisant la modification le

2018/10/01

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(Year, Month, Day)  
(année, mois, jour)

These articles are signed in duplicate.  
Les présents statuts sont signés en double exemplaire.

### COLLUS POWERSTREAM CORP.

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(Print name of corporation from Article 1 on page 1)  
(Veuillez écrire le nom de la société de l'article un à la page une).

By/  
Par :



---

(Signature)  
(Signature)

Susannah Robinson -Chief Exec. Officer

---

(Description of Office)  
(Fonction)