



**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

Originally Submitted on November 2, 2018

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



EPCOR Electricity Distribution Ontario Inc.
43 Stewart Road, Collingwood, ON, L9Y 4M7
Phone: (705) 445-1800
Finance Department Fax: (705) 445-8267
epcor.com

November 16, 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 4th 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 4th 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 or (705)445-1800 ext 2274.

Yours truly,

A handwritten signature in blue ink, appearing to read "T. Hesselink", is positioned below the "Yours truly," text.

Tim Hesselink, CPA, CGA
Manager, Regulatory Affairs

EPCOR Electricity Distribution Ontario Inc.

ED-2002-0518

Board File Number EB-2018-0025

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

MANAGER'S SUMMARY

Table of Contents

APPLICATION	3
1. INTRODUCTION	5
2. SUMMARY OF APPLICATION.....	7
3. PRICE CAP ADJUSTMENT	8
4. TAX CHANGES.....	9
5. LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT (“LRAMVA”)	10
6. RETAIL TRANSMISSION SERVICE RATES.....	12
7. DEFERRAL AND VARIANCE ACCOUNTS.....	13
8. GLOBAL ADJUSTMENT (“GA”)	15
9. RATE CHANGE SUMMARY AND BILL IMPACTS	19

Appendices

- A Proposed 2019 Tariff Sheet (from Rate Generator file)
- B Bill Impacts Summary (from Rate Generator file)
- C IRM Rate Generator
- D LRAMVA Work Form
- E Collus PowerStream Approved 2018 Tariff Sheet
- F Global Adjustment Variance Work Form 2018
- G Corporation Articles of Amendment

1 ONTARIO ENERGY BOARD
2

3 ***IN THE MATTER OF the Ontario Energy Board Act, 1998,***
4 ***C. S.O. 1998, c.15 (Sched. B);***
5

6
7 ***AND IN THE MATTER OF*** an Application by EPCOR
8 Electricity Distribution Ontario Inc. for an Order or Orders
9 pursuant to Section 78 of the *Ontario Energy Board Act,*
10 ***1998*** approving or fixing just and reasonable rates and
11 other service charges for the distribution of electricity

12

13 **Application**

- 14 • The applicant is EPCOR Electricity Distribution Ontario Inc. (“EPCOR”), an
15 electricity distribution company owned by EPCOR Utilities Inc., based out of
16 Edmonton, Alberta. In decision and order 2017-0373/0374, the Ontario Energy
17 Board approved the sale of the shares of Collus PowerStream Corp. to EPCOR
18 Utilities Inc. with the sale formally closing on October 1, 2018. For the purpose of
19 this application, the LDC is referred to as “EPCOR” consistently. The corporation
20 remains the same corporate entity before and after the sale of its shares, with the
21 only change being an amendment to the name.
22
- 23 • EPCOR serves about 17,000 mostly residential and commercial electricity
24 customers in the Towns of Collingwood, Stayner, Creemore and the village of
25 Thornbury. EPCOR, an Ontario corporation with operations centre located in
26 Collingwood, Ontario, carries on the business of owning and operating electricity
27 distribution facilities under Electricity Distribution License ED-2002-0518.
28
- 29 • EPCOR hereby applies to the Ontario Energy Board (the “Board” or the “OEB”),
30 pursuant to section 78 of the Ontario Energy Board Act, 1998 as amended (the
31 “OEB Act”) for an Order or Orders approving its proposed electricity distribution
32 rates and other charges, effective May 1, 2019.
33
- 34 • EPCOR last appeared before the OEB with a cost of service rebasing application
35 for 2013 rates in the EB-2012-0116 proceeding (under the name Collus
36 PowerStream Corp.).

- 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). 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
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

24

25

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

10 Telephone: 705-445-1800 ext. 2274

11 Facsimile: 705-445-8267

12 E-mail: 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 Telephone: 705-445-1800 ext. 2270

18 Facsimile: 705-445-8267

19 E-mail: cshuttleworth@epcor.com

20 **Certification of Evidence**

21

22 As Chief Executive Officer of EPCOR Electricity Distribution Ontario Inc., I certify to the
23 best of my knowledge, that the evidence filed in EPCOR's 2019 4th Generation IRM
24 Application is accurate and that EPCOR has robust processes and internal controls in
25 place for the preparation, review, verification and oversight of the accounts balances being
26 requested for disposition, consistent with the requirements of the Chapter 3 Filing
27 Requirements for Electricity Distribution Rate Applications as revised on July 12, 2018.

28

29 DATED IN COLLINGWOOD, ONTARIO, THIS 16nd DAY OF NOVEMBER, 2018

30

31

[Original Signed By]

32

33

34

35

36

37

38

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 4th 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 4th 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 4th 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	kWh	kWh	KWh	
2016 Actuals	\$58,867	\$70,507	\$11,604	\$0	\$0	\$140,978
2016 Forecast	<u>(\$22,731)</u>	<u>(\$7,440)</u>	<u>(\$34,367)</u>	<u>(\$2,955)</u>	<u>(\$55)</u>	<u>(\$67,548)</u>
Variance	\$36,136	\$63,066	(\$22,763)	(\$2,955)	(\$55)	\$73,430
Carrying Charges	<u>\$1,681</u>	<u>\$2,934</u>	<u>(\$1,059)</u>	<u>(\$137)</u>	<u>(\$3)</u>	<u>\$3,416</u>
22 Total	\$37,817	\$66,000	(\$23,822)	(\$3,092)	(\$58)	\$76,845

23 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 \$73,430 plus carrying
10 charges of \$3,416 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	(161,358)
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>
Total Group 1 Balance		\$ 423,677
LRAM Variance Account	1568	<u>93,581</u>
Total including Account 1568		\$ 517,258
Threshold Test (Total claim per kWh)		\$0.0015

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).¹

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.

¹ 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 1st 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 2nd 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 1st 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 1st 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 31st. 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	<u>697,680.51</u>	<u>(37,316.10)</u>
		9,928,345.88		9,841,738.68	(\$144,760.67)

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
---------------------------------------	---	--------------------------------------	--	---

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.

15 **Additional information can be found in Appendix F Global Adjustment Variance**
16 **Work Form 2018.**

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 10th 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 10th percentile customers. The 10th 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 \$2.42 or 4.5% 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 minor (\$0.01)
5 or (0.2%) decrease in the Delivery line and a decrease of (\$0.01) or (0.1%) on the
6 total monthly. Rates will largely remain consistent.

7 • A typical General Service less than 50 kW demand customer using 2,000 kWh per
8 month will see a decrease of (\$1.22) or (1.3%) in the Delivery line and a decrease
9 of (\$1.28) or (0.5%) 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 \$368.54
12 or 15.4% in Delivery and \$416.44 or 2.9% overall.

13 • The bill impacts calculated for other classes range from an increase of 2.9% 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	(\$0.01)	(0.0%)
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	(\$1.28)	(0.5%)
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$416.44	2.9%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	\$0.75	2.9%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$47.85	1.1%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$3.11	2.1%
RESIDENTIAL SERVICE CLASSIFICATION – RPP 10 th Percentile	kWh	\$2.42	4.5%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$7.88	2.1%

3

Appendix A – Proposed 2019 Tariff Sheet

Board File Number EB-2018-0025

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

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
---	--------	--------

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

		2018-0025
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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

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	0.0015
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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

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	(0.0765)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.6756)
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)

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

		2018-0025
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
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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

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	0.0002
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	0.0020
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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	2018-0025 0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

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.

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)	\$	3.75
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	(0.8610)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.0747
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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

Standard Supply Service - Administrative Charge (if applicable)

\$

2018-0025

0.25

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

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.

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
----------------	----	------

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

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%
Sub-Total A (excluding pass through)			\$ 25.25			\$ 25.40	\$ 0.15	0.60%
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	\$ 0.0018	690	\$ 1.24	\$ 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	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 32.11			\$ 32.40	\$ 0.29	0.90%
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%
Sub-Total C - Delivery (including Sub-Total B)			\$ 40.02			\$ 40.01	\$ (0.01)	-0.02%
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%
Total Bill on TOU (before Taxes)			\$ 99.72			\$ 99.72	\$ (0.01)	-0.01%
HST	13%		\$ 12.96	13%		\$ 12.96	\$ (0.00)	-0.01%
8% Rebate	8%		\$ (7.98)	8%		\$ (7.98)	\$ 0.00	-
Total Bill on TOU			\$ 104.71			\$ 104.70	\$ (0.01)	-0.01%

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	\$ 0.0016	2000	\$ 3.20	\$ (1.40)	-30.43%
Sub-Total A (excluding pass through)			\$ 53.83			\$ 52.85	\$ (0.98)	-1.82%
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	\$ 0.0019	2,000	\$ 3.80	\$ 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	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 72.44			\$ 71.86	\$ (0.58)	-0.80%
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%
Sub-Total C - Delivery (including Sub-Total B)			\$ 92.36			\$ 91.14	\$ (1.22)	-1.32%
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%
Total Bill on TOU (before Taxes)			\$ 264.95			\$ 263.72	\$ (1.22)	-0.46%
HST	13%		\$ 34.44	13%		\$ 34.28	\$ (0.16)	-0.46%
8% Rebate	8%		\$ (21.20)	8%		\$ (21.10)	\$ 0.10	
Total Bill on TOU			\$ 278.19			\$ 276.91	\$ (1.28)	-0.46%

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
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)	\$ 0.0569	250	\$ (14.23)	\$ 14.45	-50.39%
Sub-Total A (excluding pass through)			\$ 901.97			\$ 926.18	\$ 24.21	2.68%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.9390	250	\$ 234.75	\$ 1.0319	250	\$ 257.98	\$ 23.23	9.89%
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	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,442.27			\$ 1,842.31	\$ 400.04	27.74%
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%
Sub-Total C - Delivery (including Sub-Total B)			\$ 2,390.25			\$ 2,758.78	\$ 368.54	15.42%
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%
Total Bill on Average IESO Wholesale Market Price			\$ 12,890.58			\$ 13,259.11	\$ 368.54	2.86%
HST	13%		\$ 1,675.78	13%		\$ 1,723.68	\$ 47.91	2.86%
Total Bill on Average IESO Wholesale Market Price			\$ 14,566.35			\$ 14,982.80	\$ 416.44	2.86%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
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%
Sub-Total A (excluding pass through)			\$ 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	\$ 0.0022	150	\$ 0.33	\$ 0.03	10.00%
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	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 4.26			\$ 4.98	\$ 0.72	16.77%
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%
Sub-Total C - Delivery (including Sub-Total B)			\$ 5.76			\$ 6.42	\$ 0.67	11.58%
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%
Total Bill on Average IESO Wholesale Market Price			\$ 23.15			\$ 23.81	\$ 0.67	2.88%
HST	13%		\$ 3.01	13%		\$ 3.10	\$ 0.09	2.88%
Total Bill on Average IESO Wholesale Market Price			\$ 26.16			\$ 26.91	\$ 0.75	2.88%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION
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)	\$ 0.5519	1	\$ (0.55)	\$ 0.78	-58.48%
Sub-Total A (excluding pass through)			\$ 3,750.11			\$ 3,791.33	\$ 41.22	1.10%
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	\$ 0.8982	1	\$ 0.90	\$ 0.07	9.07%
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	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 3,754.10			\$ 3,796.54	\$ 42.44	1.13%
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%
Sub-Total C - Delivery (including Sub-Total B)			\$ 3,756.99			\$ 3,799.33	\$ 42.35	1.13%
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%
Total Bill on Average IESO Wholesale Market Price			\$ 3,789.23			\$ 3,831.58	\$ 42.35	1.12%
HST	13%		\$ 492.60	13%		\$ 498.11	\$ 5.51	1.12%
Total Bill on Average IESO Wholesale Market Price			\$ 4,281.83			\$ 4,329.69	\$ 47.85	1.12%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
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%
Sub-Total A (excluding pass through)			\$ 25.57			\$ 25.42	\$ (0.16)	-0.61%
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	\$ 0.0018	750	\$ 1.35	\$ 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	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 35.90			\$ 38.97	\$ 3.07	8.55%
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%
Sub-Total C - Delivery (including Sub-Total B)			\$ 44.50			\$ 47.25	\$ 2.75	6.18%
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%
Total Bill on Non-RPP Avg. Price			\$ 130.21			\$ 132.95	\$ 2.75	2.11%
HST		13%	\$ 16.93	13%		\$ 17.28	\$ 0.36	2.11%
8% Rebate		8%		8%				
Total Bill on Non-RPP Avg. Price			\$ 147.13			\$ 150.24	\$ 3.11	2.11%

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%
Sub-Total A (excluding pass through)			\$ 22.90			\$ 25.27	\$ 2.36	10.32%
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	\$ 0.0018	256	\$ 0.46	\$ 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	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 25.81			\$ 28.22	\$ 2.42	9.36%
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%
Sub-Total C - Delivery (including Sub-Total B)			\$ 28.74			\$ 31.05	\$ 2.31	8.02%
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%
Total Bill on TOU (before Taxes)			\$ 51.05			\$ 53.36	\$ 2.31	4.52%
HST	13%		\$ 6.64	13%		\$ 6.94	\$ 0.30	4.52%
8% Rebate	8%		\$ (4.08)	8%		\$ (4.27)	\$ (0.18)	-
Total Bill on TOU			\$ 53.60			\$ 56.02	\$ 2.42	4.52%

Customer Class:	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption:	2,000	kWh
Demand:	-	kW
Current Loss Factor:	1.0710	
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	\$ 0.0016	2000	\$ 3.20	\$ (1.40)	-30.43%
Sub-Total A (excluding pass through)			\$ 53.83			\$ 52.85	\$ (0.98)	-1.82%
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	\$ 0.0019	2,000	\$ 3.80	\$ 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	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 80.23			\$ 87.85	\$ 7.62	9.50%
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%
Sub-Total C - Delivery (including Sub-Total B)			\$ 100.15			\$ 107.13	\$ 6.98	6.97%
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%
Total Bill on Non-RPP Avg. Price			\$ 328.71			\$ 335.69	\$ 6.98	2.12%
HST		13%	\$ 42.73		13%	\$ 43.64	\$ 0.91	2.12%
8% Rebate		8%			8%			
Total Bill on Non-RPP Avg. Price			\$ 371.44			\$ 379.33	\$ 7.88	2.12%

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 ¹	2016
Please indicate the last Cost of Service Re-Basing Year	2013

Legend

 Pale green cells represent input cells.

		2012									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2012	Transactions Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments ¹ 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 ¹ during 2012	Closing Interest Amounts as of Dec 31, 2012
Group 1 Accounts											
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 ⁵	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 ⁵	1580	0	0	0	0	0	0	0	0	0	0
Variance WMS – Sub-account CBR Class B ⁵	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 ⁴	1588	(588,539)	376,230	(726,694)	0	514,385	(17,430)	(4,980)	(17,402)	0	(5,008)
RSVA - Global Adjustment ⁴	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) ³	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) ³	1595	0	0	0	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0	0	0	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	0	0	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	0	0	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0	0	0	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <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
RSVA - Global Adjustment	1589	1,107,310	(121,867)	547,484	0	437,959	31,422	12,915	30,674	0	13,663
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(3,142,277)	980,341	(222,720)	0	(1,939,217)	(325,856)	(43,768)	(59,534)	0	(310,090)
Total Group 1 Balance		(2,034,967)	858,474	324,764	0	(1,501,258)	(294,434)	(30,853)	(28,860)	0	(296,427)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568										
Total including Account 1568		(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 ¹ 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 ¹ 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 ¹ 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
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 ¹ 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 ¹ 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 ¹ 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 ¹ 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 ¹ 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 ¹ 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	324,072	852,158	(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	324,072	1,351,343	(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	99,572	2,078,019	(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	99,572	2,222,390	(21,944)	25,774	0

		2018				Projected Interest on Dec-31-17 Balances				2.1.7 RRR		
Interest Adjustments ¹ 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 ²	Projected Interest from Jan 1, 2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for disposition during 2018 ²	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)	(151,490)	(5,962)	(2,824)	(1,081)	(9,868)	(161,358)	467,298	(324,073)	
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)	(0)	(0)	(273) <input type="checkbox"/> Check to Dispose of Account	0	(11,999)	(51,061)	
0	(6,338)	107,447	(5,808)	(0)	(530)	(0)	(0)	(530) <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)	0	0	(704) <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	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)	64,289	(6,070)	1,199	459	(4,413)	61,383	905,583	(375,133)	
0	2,283	1,662,620	6,221	415,399	(3,938)	7,745	2,964	6,771	423,677	1,929,671	(150,632)	
	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	507,890	(5,232)	9,469	3,623	7,861	517,258	2,075,588	(150,632)	

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 ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	116,631,538	0	4,732,114	0	0	0	116,631,538	0	37,817	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	66,000	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	4949	125,211,115	306,372	-23,822	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	400,177	0	30,843	0	0	0	400,177	0	-58	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,228,115	3,591	1,228,115	3,591	0	0	1,228,115	3,591	-3,092	
Total		291,298,653	318,599	132,308,382	285,842	2,622,220	4,949	288,676,433	313,650	76,845	17,033

Threshold Test

Total Claim (including Account 1568)	\$517,258
Total Claim for Threshold Test (All Group 1 Accounts)	\$423,677
Threshold Test (Total claim per kWh) ²	\$0.0015

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	

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

² The Threshold Test does not include the amount in 1568.

³ 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	(65,192)	37,817
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	15.5%	10.3%	15.7%	83,593	(675)	(49,466)	589	424	(25,268)	66,000
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	43.9%	0.0%	43.4%	236,385	0	(137,012)	1,667	1,200	(69,988)	(23,822)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	740	0	(438)	5	4	(224)	(58)
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	2,271	0	(1,344)	16	12	(686)	(3,092)
Total	100.0%	100.0%	100.0%	538,661	(6,568)	(315,885)	3,799	2,734	(161,358)	76,845

** 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
Transition Customers' Portion of Total Consumption	C=B/A	10.31%	

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
Total		132,308,382	34,170,403	18,628,351	79,509,628	100.0%	\$324,948		



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
Transition Customers' Portion of Total Consumption	C=B/A	10.31%	79,509,628

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
Total		288,676,433	313,650	34,170,403	63,536	18,628,351	50,009	0	235,877,679	200,105	100.0%	(\$2,192)	\$0.0000	

If the allocated Account 1580 sub-account CBR Class B amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is to transfer the entire OEB-approved CBR Class B amount into Account 1580 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 ²	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) ²	Deferral/Variance Account Rate Rider for			Revenue Reconcil
								Deferral/Variance Account Rate Rider ²	Non-WMP (if applicable) ²	Account 1568 Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	116,631,538	0	116,631,538	0	19,578		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	9,197		0.0002	0.0000	0.0015	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	127,833,335	311,321	125,211,115	306,372	239,252	(207,000)	0.7685	(0.6756)	(0.0765)	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	400,177	0	400,177	0	87		0.0002	0.0000	(0.0001)	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,228,115	3,591	1,228,115	3,591	268		0.0747	0.0000	(0.8610)	
											64,980.95

¹ 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.

² 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
Grossed-up Tax Amount	\$ 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
Sharing of Tax Amount (50%)		\$ 32,809

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

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		\$ -
Total		- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$

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
Total	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		\$ -			\$ -			\$ -		\$ -
Total		- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$

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		\$ -			\$ -			\$ -		\$ -
Total		- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$

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
Total	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	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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
Total	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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	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
Total	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 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	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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
Total	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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	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
Total	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 ¹	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

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



Incentive Regulation Model for 2019 Filers

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

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

Time-of-Use RPP Prices

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

Debt Retirement Charge (DRC)

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

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	

Appendix D – LRAMVA Work Form

Board File Number EB-2018-0025



LRAMVA Work Form: Summary Tab

Legend

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

LDC Name

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	\$ 54,719.84

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 \$ 140,978
Forecast Lost Revenues (\$)	B \$ 67,548
Carrying Charges (\$)	C \$ 3,416
LRAMVA (\$) for Account 1568	A-B+C \$ 76,845

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	\$1,681	\$37,817
GS<50 kW	kWh	\$63,066	\$2,934	\$66,000
GS>50 kW	kW	-\$22,763	-\$1,059	-\$23,822
Streetlights	kW	-\$2,955	-\$137	-\$3,092
Unmetered Scattered Load	KWh	-\$55	-\$3	-\$58
Total		\$73,430	\$3,416	\$76,845

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

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
		kWh	kWh	kW	kW	KWh	
2011 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared							
2012 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared							
2013 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared							
2014 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared							
2015 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared							
2016 Actuals		\$58,866.85	\$70,506.61	\$11,604.19	\$0.00	\$0.00	\$140,977.64
2016 Forecast		(\$22,730.55)	(\$7,440.26)	(\$34,367.02)	(\$2,955.01)	(\$55.27)	(\$67,548.12)
Amount Cleared							
Carrying Charges		\$1,680.94	\$2,933.64	(\$1,058.85)	(\$137.46)	(\$2.57)	\$3,415.70
Total LRAMVA Balance		\$37,817	\$66,000	-\$23,822	-\$3,092	-\$58	\$76,845

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



LRAMVA Work Form: Forecast Lost Revenues

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	
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

Basis of Threshold

Source of Threshold

2013 Settlement Agreement, p. 23/24 of 43

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		kW		kW
2011		0	0	0	0	0
2012		0	0	0	0	0
2013	2013	1,345,003	543,085	10,671	196	4,684
2014	2013	1,345,003	543,085	10,671	196	4,684
2015	2013	1,345,003	543,085	10,671	196	4,684
2016	2013	1,345,003	543,085	10,671	196	4,684
2017	2013	1,345,003	543,085	10,671	196	4,684
2018	2013	1,345,003	543,085	10,671	196	4,684

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
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018
Period 1 (# months)		0	4	4	9	4	4	4	4	4
Period 2 (# months)		12	8	8	3	8	8	8	8	8
Residential	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	\$ 0.0171	\$ 0.0168	\$ 0.0175	\$ 0.0197	\$ 0.0198	\$ 0.0169	\$ 0.0121	\$ 0.0071
GS<50 kW	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	\$ 0.0111	\$ 0.0112	\$ 0.0118	\$ 0.0134	\$ 0.0134	\$ 0.0137	\$ 0.0139	\$ 0.0141
GS>50 kW	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	\$ 2.6152	\$ 2.7355	\$ 3.1167	\$ 3.1553	\$ 3.2206	\$ 3.2838	\$ 3.3248
Streetlights	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	\$ 13.7769	\$ 13.9131	\$ 14.5217	\$ 14.7153	\$ 15.0766	\$ 15.4010	\$ 15.6023
Unmetered Scattered Load	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	\$ 0.0157	\$ 0.0170	\$ 0.0142	\$ 0.0089	\$ 0.0116	\$ 0.0118	\$ 0.0120	\$ 0.0122

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
2011	\$0.0171	\$0.0111	\$2.5040	\$12.9553	\$0.0157	\$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
2013	\$0.0175	\$0.0118	\$2.7355	\$13.9131	\$0.0142	\$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
2015	\$0.0198	\$0.0134	\$3.1553	\$14.7153	\$0.0116	\$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

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

Table 4-a. 2011 Lost Revenues Work Form

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA					
		2011	2011	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
Consumer Program				kWh	kWh	kW	kW	KWh	
Actual CDM Savings in 2011		733,546	212	259,800	314,467	524	0	0	
Forecast CDM Savings in 2011				0	0	0	0	0	
Distribution Rate in 2011				\$0.01710	\$0.01110	\$2.50400	\$12.95530	\$0.01570	
Lost Revenue in 2011 from 2011 programs				\$4,442.57	\$3,490.59	\$1,311.81	\$0.00	\$0.00	\$9,244.97
Forecast Lost Revenues in 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2011									\$9,244.97
2011 Savings Persisting in 2012				259,800	314,467	524	0	0	
2011 Savings Persisting in 2013				259,800	314,467	524	0	0	
2011 Savings Persisting in 2014				259,047	232,534	524	0	0	
2011 Savings Persisting in 2015				233,359	232,534	524	0	0	
2011 Savings Persisting in 2016				180,634	232,534	524	0	0	
2011 Savings Persisting in 2017				151,047	170,235	524	0	0	
2011 Savings Persisting in 2018				150,632	170,235	524	0	0	
2011 Savings Persisting in 2019				174,743	170,235	524	0	0	
2011 Savings Persisting in 2020				99,708	170,235	524	0	0	

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form
[Return to top](#)

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA					
		2012	2012	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
Consumer Program				kWh	kWh	kW	kW	KWh	
Actual CDM Savings in 2012		1,720,379	391	182,798	1,315,959	490	0	0	
Forecast CDM Savings in 2012				0	0	0	0	0	
Distribution Rate in 2012				\$0.01680	\$0.01120	\$2.61520	\$13.77690	\$0.01700	
Lost Revenue in 2012 from 2011 programs				\$4,364.63	\$3,522.03	\$1,370.06	\$0.00	\$0.00	\$9,256.73
Lost Revenue in 2012 from 2012 programs				\$3,071.01	\$14,738.74	\$1,282.39	\$0.00	\$0.00	\$19,092.14
Total Lost Revenues in 2012				\$7,435.65	\$18,260.78	\$2,652.45	\$0.00	\$0.00	\$28,348.87
Forecast Lost Revenues in 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2012									\$28,348.87
2012 Savings Persisting in 2013				182,798	1,297,116	473	0	0	
2012 Savings Persisting in 2014				182,798	1,295,799	472	0	0	
2012 Savings Persisting in 2015				181,957	1,201,088	445	0	0	
2012 Savings Persisting in 2016				161,603	1,201,088	445	0	0	
2012 Savings Persisting in 2017				121,505	1,103,836	443	0	0	
2012 Savings Persisting in 2018				101,166	1,092,091	431	0	0	
2012 Savings Persisting in 2019				100,336	1,092,091	431	0	0	
2012 Savings Persisting in 2020				91,876	1,028,927	380	0	0	

Note: LDC to make note of key assumptions included above

Table 4-c. 2013 Lost Revenues Work Form

[Return to top](#)

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA					
		2013	2013	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
Consumer Program				kWh	kWh	kW	kW	KWh	
Actual CDM Savings in 2013		1,632,662	515	185,768	1,307,546	285	0	0	
Forecast CDM Savings in 2013				1,345,003	543,085	10,671	196	4,684	
Distribution Rate in 2013				\$0.01750	\$0.01180	\$2.73550	\$13.91310	\$0.01420	
Lost Revenue in 2013 from 2011 programs				\$4,546.49	\$3,710.71	\$1,433.08	\$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	\$19,800.19
Lost Revenue in 2013 from 2013 programs				\$3,250.94	\$15,429.04	\$778.51	\$0.00	\$0.00	\$19,458.49
Total Lost Revenues in 2013				\$10,996.41	\$34,445.72	\$3,506.85	\$0.00	\$0.00	\$48,948.98
Forecast Lost Revenues in 2013				\$23,537.55	\$6,408.40	\$29,190.52	\$2,726.97	\$66.51	\$61,929.96
LRAMVA in 2013									-\$12,980.98
2013 Savings Persisting in 2014				185,585	1,292,992	285	0	0	
2013 Savings Persisting in 2015				177,580	1,287,922	283	0	0	
2013 Savings Persisting in 2016				170,631	1,189,278	283	0	0	
2013 Savings Persisting in 2017				152,850	1,092,095	273	0	0	
2013 Savings Persisting in 2018				140,811	1,083,037	262	0	0	
2013 Savings Persisting in 2019				139,608	1,083,037	262	0	0	
2013 Savings Persisting in 2020				138,728	1,080,027	262	0	0	

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

[Return to Top](#)

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA					
		2014	2014	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
Consumer Program				kWh	kWh	kW	kW	KWh	
Actual CDM Savings in 2014		2,372,506	812	631,304	1,414,116	718	0	0	
Forecast CDM Savings in 2014				1,345,003	543,085	10,671	196	4,684	
Distribution Rate in 2014				\$0.01970	\$0.01340	\$3.11670	\$14.52170	\$0.00890	
Lost Revenue in 2014 from 2011 programs				\$5,103.23	\$3,115.96	\$1,632.79	\$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	\$22,436.91
Lost Revenue in 2014 from 2013 programs				\$3,656.02	\$17,326.10	\$887.00	\$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	\$33,623.92
Total Lost Revenues in 2014				\$24,797.07	\$56,754.91	\$6,229.94	\$0.00	\$0.00	\$87,781.92
Forecast Lost Revenues in 2014				\$26,496.56	\$7,277.34	\$33,258.31	\$2,846.25	\$41.69	\$69,920.14
LRAMVA in 2014									\$17,861.77
2014 Savings Persisting in 2015				578,637	1,410,164	717	0	0	
2014 Savings Persisting in 2016				547,052	1,085,614	717	0	0	
2014 Savings Persisting in 2017				545,095	1,018,126	709	0	0	
2014 Savings Persisting in 2018				527,221	1,018,126	228	0	0	
2014 Savings Persisting in 2019				508,444	1,018,126	228	0	0	
2014 Savings Persisting in 2020				506,523	1,009,209	223	0	0	

Note: LDC to make note of key assumptions included above



LRAMVA Work Form: 2015 - 2020 Lost Revenues Work Form

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	
Legacy Framework				kWh	kWh	kW	kW	KWh	
Actual CDM Savings in 2015		1,948,797	290	588,649	933,255	698	0	0	
Forecast CDM Savings in 2015				1,345,003	543,085	10,671	196	4,684	
Distribution Rate in 2015				\$0.01980	\$0.01340	\$3.15530	\$14.71530	\$0.01160	
Lost Revenue in 2015 from 2011 programs				\$4,620.51	\$3,115.96	\$1,653.01	\$0.00	\$0.00	\$9,389.48
Lost Revenue in 2015 from 2012 programs				\$3,602.75	\$16,094.58	\$1,403.16	\$0.00	\$0.00	\$21,100.48
Lost Revenue in 2015 from 2013 programs				\$3,516.08	\$17,258.16	\$892.79	\$0.00	\$0.00	\$21,667.03
Lost Revenue in 2015 from 2014 programs				\$11,457.02	\$18,896.20	\$2,263.42	\$0.00	\$0.00	\$32,616.64
Lost Revenue in 2015 from 2015 programs				\$11,655.25	\$12,505.62	\$2,203.90	\$0.00	\$0.00	\$26,364.77
Total Lost Revenues in 2015				\$34,851.61	\$67,870.50	\$8,416.29	\$0.00	\$0.00	\$111,138.41
Forecast Lost Revenues in 2015				\$26,631.06	\$7,277.34	\$33,670.21	\$2,884.20	\$54.33	\$70,517.14
LRAMVA in 2015									\$40,621.27
2015 Savings Persisting in 2016				578,990	933,254	698	0	0	
2015 Savings Persisting in 2017				578,378	933,255	698	0	0	
2015 Savings Persisting in 2018				577,661	961,952	708	0	0	
2015 Savings Persisting in 2019				572,254	961,952	708	0	0	
2015 Savings Persisting in 2020				566,149	961,952	708	0	0	

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

[Return to top](#)

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	
Legacy Framework				kWh	kWh	kW	kW	KWh	
Actual CDM Savings in 2016		2,882,871	287	1,844,337	504,701	936	0	0	
Forecast CDM Savings in 2016				1,345,003	543,085	10,671	196	4,684	
Distribution Rate in 2016				\$0.01690	\$0.01370	\$3.22060	\$15.07660	\$0.01180	
Lost Revenue in 2016 from 2011 programs				\$3,052.71	\$3,185.72	\$1,687.22	\$0.00	\$0.00	\$7,925.64
Lost Revenue in 2016 from 2012 programs				\$2,731.09	\$16,454.90	\$1,432.20	\$0.00	\$0.00	\$20,618.19
Lost Revenue in 2016 from 2013 programs				\$2,883.66	\$16,293.11	\$911.27	\$0.00	\$0.00	\$20,088.03
Lost Revenue in 2016 from 2014 programs				\$9,245.17	\$14,872.91	\$2,310.27	\$0.00	\$0.00	\$26,428.35
Lost Revenue in 2016 from 2015 programs				\$9,784.93	\$12,785.58	\$2,249.52	\$0.00	\$0.00	\$24,820.02
Lost Revenue in 2016 from 2016 programs				\$31,169.29	\$6,914.40	\$3,013.72	\$0.00	\$0.00	\$41,097.41
Total Lost Revenues in 2016				\$58,866.85	\$70,506.61	\$11,604.19	\$0.00	\$0.00	\$140,977.64
Forecast Lost Revenues in 2016				\$22,730.55	\$7,440.26	\$34,367.02	\$2,955.01	\$55.27	\$67,548.12
LRAMVA in 2016									\$73,429.52
2016 Savings Persisting in 2017				1,527,195	504,300	936	0	0	
2016 Savings Persisting in 2018				1,527,195	504,300	936	0	0	
2016 Savings Persisting in 2019				1,527,195	483,103	936	0	0	
2016 Savings Persisting in 2020				1,527,195	467,574	936	0	0	

Note: LDC to make note of key assumptions included above



LRAMVA Work Form: Carrying Charges by Rate Class

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
Opening Balance for 2016				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-16	2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-16	2011-2016	Q1	0.09%	\$2.76	\$4.82	-\$1.74	-\$0.23	\$0.00	\$5.61
Mar-16	2011-2016	Q1	0.09%	\$5.52	\$9.64	-\$3.48	-\$0.45	-\$0.01	\$11.22
Apr-16	2011-2016	Q2	0.09%	\$8.28	\$14.45	-\$5.22	-\$0.68	-\$0.01	\$16.83
May-16	2011-2016	Q2	0.09%	\$11.04	\$19.27	-\$6.96	-\$0.90	-\$0.02	\$22.44
Jun-16	2011-2016	Q2	0.09%	\$13.80	\$24.09	-\$8.69	-\$1.13	-\$0.02	\$28.05
Jul-16	2011-2016	Q3	0.09%	\$16.56	\$28.91	-\$10.43	-\$1.35	-\$0.03	\$33.66
Aug-16	2011-2016	Q3	0.09%	\$19.32	\$33.72	-\$12.17	-\$1.58	-\$0.03	\$39.26
Sep-16	2011-2016	Q3	0.09%	\$22.08	\$38.54	-\$13.91	-\$1.81	-\$0.03	\$44.87
Oct-16	2011-2016	Q4	0.09%	\$24.84	\$43.36	-\$15.65	-\$2.03	-\$0.04	\$50.48
Nov-16	2011-2016	Q4	0.09%	\$27.60	\$48.18	-\$17.39	-\$2.26	-\$0.04	\$56.09
Dec-16	2011-2016	Q4	0.09%	\$30.36	\$52.99	-\$19.13	-\$2.48	-\$0.05	\$61.70
Total for 2016				\$182.19	\$317.96	-\$114.76	-\$14.90	-\$0.28	\$370.21
Amount Cleared									
Opening Balance for 2017				\$182.19	\$317.96	-\$114.76	-\$14.90	-\$0.28	\$370.21
Jan-17	2011-2017	Q1	0.09%	\$33.12	\$57.81	-\$20.87	-\$2.71	-\$0.05	\$67.31
Feb-17	2011-2017	Q1	0.09%	\$33.12	\$57.81	-\$20.87	-\$2.71	-\$0.05	\$67.31
Mar-17	2011-2017	Q1	0.09%	\$33.12	\$57.81	-\$20.87	-\$2.71	-\$0.05	\$67.31
Apr-17	2011-2017	Q2	0.09%	\$33.12	\$57.81	-\$20.87	-\$2.71	-\$0.05	\$67.31
May-17	2011-2017	Q2	0.09%	\$33.12	\$57.81	-\$20.87	-\$2.71	-\$0.05	\$67.31
Jun-17	2011-2017	Q2	0.09%	\$33.12	\$57.81	-\$20.87	-\$2.71	-\$0.05	\$67.31
Jul-17	2011-2017	Q3	0.09%	\$33.12	\$57.81	-\$20.87	-\$2.71	-\$0.05	\$67.31
Aug-17	2011-2017	Q3	0.09%	\$33.12	\$57.81	-\$20.87	-\$2.71	-\$0.05	\$67.31
Sep-17	2011-2017	Q3	0.09%	\$33.12	\$57.81	-\$20.87	-\$2.71	-\$0.05	\$67.31
Oct-17	2011-2017	Q4	0.13%	\$45.17	\$78.83	-\$28.45	-\$3.69	-\$0.07	\$91.79
Nov-17	2011-2017	Q4	0.13%	\$45.17	\$78.83	-\$28.45	-\$3.69	-\$0.07	\$91.79
Dec-17	2011-2017	Q4	0.13%	\$45.17	\$78.83	-\$28.45	-\$3.69	-\$0.07	\$91.79
Total for 2017				\$615.82	\$1,074.76	-\$387.92	-\$50.36	-\$0.94	\$1,251.36
Amount Cleared									

Opening Balance for 2018				\$615.82	\$1,074.76	-\$387.92	-\$50.36	-\$0.94	\$1,251.36
Jan-18	2011-2018	Q1	0.13%	\$45.17	\$78.83	-\$28.45	-\$3.69	-\$0.07	\$91.79
Feb-18	2011-2018	Q1	0.13%	\$45.17	\$78.83	-\$28.45	-\$3.69	-\$0.07	\$91.79
Mar-18	2011-2018	Q1	0.13%	\$45.17	\$78.83	-\$28.45	-\$3.69	-\$0.07	\$91.79
Apr-18	2011-2018	Q2	0.16%	\$56.91	\$99.33	-\$35.85	-\$4.65	-\$0.09	\$115.65
May-18	2011-2018	Q2	0.16%	\$56.91	\$99.33	-\$35.85	-\$4.65	-\$0.09	\$115.65
Jun-18	2011-2018	Q2	0.16%	\$56.91	\$99.33	-\$35.85	-\$4.65	-\$0.09	\$115.65
Jul-18	2011-2018	Q3	0.16%	\$56.91	\$99.33	-\$35.85	-\$4.65	-\$0.09	\$115.65
Aug-18	2011-2018	Q3	0.16%	\$56.91	\$99.33	-\$35.85	-\$4.65	-\$0.09	\$115.65
Sep-18	2011-2018	Q3	0.16%	\$56.91	\$99.33	-\$35.85	-\$4.65	-\$0.09	\$115.65
Oct-18	2011-2018	Q4	0.18%	\$65.35	\$114.04	-\$41.16	-\$5.34	-\$0.10	\$132.79
Nov-18	2011-2018	Q4	0.18%	\$65.35	\$114.04	-\$41.16	-\$5.34	-\$0.10	\$132.79
Dec-18	2011-2018	Q4	0.18%	\$65.35	\$114.04	-\$41.16	-\$5.34	-\$0.10	\$132.79
Total for 2018				\$1,288.86	\$2,249.37	-\$811.87	-\$105.40	-\$1.97	\$2,618.99
Amount Cleared									
Opening Balance for 2019				\$1,288.86	\$2,249.37	-\$811.87	-\$105.40	-\$1.97	\$2,618.99
Jan-19	2011-2019	Q1	0.18%	\$65.35	\$114.04	-\$41.16	-\$5.34	-\$0.10	\$132.79
Feb-19	2011-2019	Q1	0.18%	\$65.35	\$114.04	-\$41.16	-\$5.34	-\$0.10	\$132.79
Mar-19	2011-2019	Q1	0.18%	\$65.35	\$114.04	-\$41.16	-\$5.34	-\$0.10	\$132.79
Apr-19	2011-2019	Q2	0.18%	\$65.35	\$114.04	-\$41.16	-\$5.34	-\$0.10	\$132.79
May-19	2011-2019	Q2	0.18%	\$65.35	\$114.04	-\$41.16	-\$5.34	-\$0.10	\$132.79
Jun-19	2011-2019	Q2	0.18%	\$65.35	\$114.04	-\$41.16	-\$5.34	-\$0.10	\$132.79
Jul-19	2011-2019	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-19	2011-2019	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-19	2011-2019	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-19	2011-2019	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-19	2011-2019	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-19	2011-2019	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2019				\$1,680.94	\$2,933.64	-\$1,058.85	-\$137.46	-\$2.57	\$3,415.70
Amount Cleared									



Supporting Documentatic LDC Persistence Savings Results 1

Legend

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

**Instructions
(Steps)**

- Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B
- Please identify the source of the report via the dropdown list in Column I.
- To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by click
- Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with ar
- Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

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

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

Step:	#1				#3	#2	#4	#1	
Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings	Net Verifi
									2011
	Appliance Exchange		COLLUS Power Corp.	Residential		2011	2011 Results Persistence	Current year savings	1
	Appliance Retirement		COLLUS Power Corp.	Residential		2011	2011 Results Persistence	Current year savings	8
	Bi-Annual Retailer Event		COLLUS Power Corp.	Residential		2011	2011 Results Persistence	Current year savings	5
	Conservation Instant Coupon Booklet		COLLUS Power Corp.	Residential		2011	2011 Results Persistence	Current year savings	3
	HVAC Incentives		COLLUS Power Corp.	Residential		2011	2011 Results Persistence	Current year savings	32
	Demand Response 3		COLLUS Power Corp.	Business & Industrial		2011	2011 Results Persistence	Current year savings	37
	Direct Install Lighting		COLLUS Power Corp.	Business		2011	2011 Results Persistence	Current year savings	61
	RetrofitIndustrial		COLLUS Power Corp.	Industrial		2011	2011 Results Persistence	Current year savings	3
	Retrofit		COLLUS Power Corp.	Business		2011	2011 Results Persistence	Current year savings	16
	Electricity Retrofit Incentive Program		COLLUS Power Corp.	Business		2011	2011 Results Persistence	Current year savings	3
	High Performance New Construction		COLLUS Power Corp.	Business		2011	2011 Results Persistence	Current year savings	44
	HVAC Incentives		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	0
	Retrofit		COLLUS Power Corp.	Business		2012	2012 Results Persistence	Current year savings	0
	Direct Install Lighting		COLLUS Power Corp.	Business		2012	2012 Results Persistence	Current year savings	0
	Appliance Exchange		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	0
	Appliance Retirement		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	0
	Bi-Annual Retailer Event		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	0
	Conservation Instant Coupon Booklet		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	0
	Home Assistance Program		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	0
	High Performance New Construction		COLLUS Power Corp.	Business		2012	2012 Results Persistence	Current year savings	0
	Demand Response 3		COLLUS Power Corp.	Business & Industrial		2012	2012 Results Persistence	Current year savings	0
	Energy Audit		COLLUS Power Corp.	Business		2012	2012 Results Persistence	Current year savings	0
	Retrofit		COLLUS Power Corp.	Business		2013	2013 Results Persistence	Current year savings	0
	HVAC Incentives		COLLUS Power Corp.	Residential		2013	2013 Results Persistence	Current year savings	0
	Appliance Retirement		COLLUS Power Corp.	Residential		2013	2013 Results Persistence	Current year savings	0
	Appliance Exchange		COLLUS Power Corp.	Residential		2013	2013 Results Persistence	Current year savings	0
	Residential Demand Response		COLLUS Power Corp.	Residential		2013	2013 Results Persistence	Current year savings	0
	Direct Install Lighting		COLLUS Power Corp.	Business		2013	2013 Results Persistence	Current year savings	0

#1

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

2038	2039	2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
0	0	0	1,671	1,671	1,671	1,222	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	52,747	52,747	52,747	52,444	39,500	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	90,222	90,222	90,222	90,222	82,993	74,527	54,975	54,785	69,910	22,127	8,291	7,320	7,320	5,454	5,454	4,994	0
0	0	0	54,257	54,257	54,257	54,257	49,963	45,204	35,170	34,945	43,930	16,679	5,422	4,413	4,413	4,076	4,076	3,963	0
0	0	0	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903
0	0	0	1,451	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	161,529	161,529	161,529	79,596	79,596	79,596	17,297	17,297	17,297	17,297	13,410	13,410	0	0	0	0	0
0	0	0	20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487	9,435	9,435	9,435	9,435	9,435	9,435
0	0	0	116,644	116,644	116,644	116,644	116,644	116,644	116,644	116,644	116,644	116,644	116,644	19,495	19,495	19,495	19,495	19,495	19,495
0	0	0	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	0
0	0	0	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	204,238	204,238
0	0	0	0	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253
0	0	0	0	1,338,950	1,316,741	1,315,188	1,278,808	1,278,808	1,276,061	1,262,218	1,262,218	1,187,772	682,977	657,771	650,738	320,081	277,461	277,461	190,581
0	0	0	0	179,921	179,921	179,921	116,077	116,077	21,156	21,156	21,156	21,156	21,156	16,826	16,826	0	0	0	0
0	0	0	0	542	542	542	537	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	38,949	38,949	38,949	38,949	27,242	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	76,536	76,536	76,536	76,536	68,801	55,945	38,160	38,081	38,081	19,342	14,354	13,908	13,908	12,937	12,937	12,760
0	0	0	0	3,996	3,996	3,996	3,996	3,936	3,936	1,853	1,843	1,843	1,843	299	241	241	207	207	200
0	0	0	0	14,523	14,523	14,523	13,687	13,372	13,372	12,900	12,160	3,700	3,700	3,190	2,220	2,220	2,207	1,545	633
0	0	0	0	313	313	313	313	313	313	313	313	313	313	313	313	0	0	0	0
0	0	0	0	542	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	17,855	17,855	17,855	17,855	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1,047,117	1,030,338	1,027,109	1,027,109	1,006,547	996,104	996,104	992,634	990,094	913,962	790,842	762,071	519,004	475,191	475,191
0	0	0	0	0	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246
0	0	0	0	0	19,122	19,122	19,122	19,019	10,736	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	7,758	7,758	7,758	7,758	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	399,272	399,272	397,004	298,359	219,012	219,012	219,012	219,012	219,012	219,012	208,466	31,639	0	0	0

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

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

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

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

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
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

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
----------------	----	------

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

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

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
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

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

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

		2017		
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

Year		2017								
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	0.06687	\$ 642,864	0.08227	\$ 790,915	\$ 148,050	
February	9,421,439	-	736,521	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	0.11280	\$ 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	7,056,209	-	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	
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	96,451,859	-	-	1,540,041		\$ 9,351,673		\$ 9,458,421	\$ 106,748	

Calculated Loss Factor

1.0707

Note 5 **Reconciling Items**

	Item	Amount	Explanation
	Net Change in Principal Balance in the GL (i.e. Transactions in the	\$ 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 \$225k. Adjustment
2a	Remove prior year end unbilled to actual revenue differences		
2b	Add current year end unbilled to actual revenue differences		
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers	-\$ 7,629	Variance between final LTLT amounts and amounts accrued
3b	Add difference between current year accrual/forecast to actual from long term load transfers		
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
7	Differences in actual system losses and billed TLFs		
8	Others as justified by distributor		
9			
10			

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



EPCOR Electricity Distribution Ontario Inc.
43 Stewart Road, Collingwood, ON, L9Y 4M7
Phone: (705) 445-1800
Finance Department Fax: (705) 445-8267
epcor.com

Appendix A

GA Methodology Description

Questions on Accounts 1588 & 1589¹

1. In booking expense journal entries for Charge Type (CT) 1142 and CT 148 from the IESO invoice, please confirm which of the following approaches is used:
 - a. CT 1142 is booked into Account 1588. CT 148 is pro-rated based on RPP/non-RPP consumption and then booked into Account 1588 and 1589 respectively.
 - b. CT 148 is booked into Account 1589. The portion of CT 1142 equaling RPP minus HOEP for RPP consumption is booked into Account 1588. The portion of CT 1142 equaling GA RPP is credited into Account 1589.
 - c. If another approach is used, please explain in detail.

EPCOR confirms that approach (a.) is used to book electricity costs. Charge Type CT 1142 is booked into Account 1588 and CT 148 is pro-rated based on RPP/non-RPP consumption and booked into Account 1588 and 1589 respectively.

2. Questions on CT 1142
 - a. Please describe how the initial RPP related GA is determined for settlement forms submitted by day 4 after the month-end (resulting in CT 1142 on the IESO invoice).

The IESO data submission is filed using the 2nd monthly estimate of the GA.

- A) The “Regulated Price Plan vs. Market Price – Variance for Conventional Meters” submission is completed by downloading the consumption information for the

¹In all references in the questions relating to amounts booked to accounts 1588 and 1589, amounts are not booked directly to accounts USoA 1588 and 1589 relating to power purchase transactions, but are rather booked to the cost of power USoA 4705 Power Purchased, and 4707, Charges – Global Adjustment, respectively. However, accounts 1588 and 1589 are impacted the same way as account 4705 and 4707 are for cost of power transactions.



EPCOR Electricity Distribution Ontario Inc.
43 Stewart Road, Collingwood, ON, L9Y 4M7
Phone: (705) 445-1800
Finance Department Fax: (705) 445-8267
epcor.com

month from our settlement provider by each individual interval metered RPP tiered pricing customer and summarizing the data.

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

- Total System Load
- Less Non-RPP Interval Metered Customers
- Less Street lighting
- Less Non-Designated Loads
 - Non-interval metered spot rate customers
 - Retail customers: settlement information for the current month is not available for retail customers so billed information for the month from the billing system is used as an estimate.

In order to calculate the RPP vs. Market Price Variance (resulting in CT 1142 on the IESO invoice), the variance is calculated between the projected RPP amounts paid by customers and the expected costs of power (Net System Load weighted average price plus the anticipated global adjustment costs calculated on the 2nd monthly estimate).

- b. Please describe the process for truing up CT 1142 to actual RPP kWh, including which data is used for each TOU/Tier 1&2 prices, as well as the timing of the true up.

In order to true up RPP estimates, EPCOR completes a quarterly reconciliation process based on actual billed amounts by RPP category (TOU and Tiered Pricing Class). An export of the verified billing data is downloaded and categorized in a workbook based on consumption period (pro-rated by number of days when a billing period covers more than one month) . This data is compared with originally submitted estimates (explained above)



EPCOR Electricity Distribution Ontario Inc.
43 Stewart Road, Collingwood, ON, L9Y 4M7
Phone: (705) 445-1800
Finance Department Fax: (705) 445-8267
epcor.com

and variances are posted via the RPP settlement process as well as adjustments to GA/Power Allocations.

The true up is completed and posted in the final month of the following quarter after all of the billing data has been finalized for the appropriate period.

- c. Has CT 1142 been trued up for with the IESO for all of 2017?

EPCOR confirms CT1142 has been trued up with the IESO for all of 2017.

- d. Which months from 2017 were trued up in 2018?

All of 2017 was trued up in 2018. The quarterly reconciliation process began in 2018 and is the current practice.

- e. Have all of the 2017 related true-up been reflected in the applicant's DVA Continuity Schedule in this proceeding?

EPCOR confirms all of the 2017 related true-up been reflected in the 2018-0025 DVA Continuity Schedule.

- f. Please quantify the amount reflected in the DVA Continuity Schedule, and the column where it is included.

EPCOR confirms that the 2017 adjustment reflected in the 2018-0025 continuity schedule was \$99,571.62. This is reflected in the 'Principal Adjustments during 2017' column (Tab: 3. Continuity Schedule, column BF on the excel version).



EPCOR Electricity Distribution Ontario Inc.
43 Stewart Road, Collingwood, ON, L9Y 4M7
Phone: (705) 445-1800
Finance Department Fax: (705) 445-8267
epcor.com

3. Questions on CT 148

- a. Please describe the process for the initial recording of CT 148 in the accounts (i.e. 1588 and 1589).

The IESO data submission is filed using the 2nd monthly estimate of the GA.

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

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

- Total System Load
- Less Non-RPP Interval Metered Customers
- Less Street lighting
- Less Non-Designated Loads
 - Non-interval metered spot rate customers
 - Retail customers: settlement information for the current month is not available for retail customers so billed information for the month from the billing system is used as an estimate.

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

- a. Please describe the process for true up of the GA related cost to ensure that the amounts reflected in Account 1588 are related to RPP GA costs and amounts in 1589 are related to only non-RPP GA costs.



EPCOR Electricity Distribution Ontario Inc.
43 Stewart Road, Collingwood, ON, L9Y 4M7
Phone: (705) 445-1800
Finance Department Fax: (705) 445-8267
epcor.com

When EPCOR receives the IESO invoice on the tenth business day of the month, the actual class B GA charged (CT 148) to EPCOR is reconciled and trued up to the estimate as filed. The calculated difference is then entered as an adjustment in the following month's data submission.

- b. What data is used to determine the non-RPP kWh volume that is multiplied with the actual GA per kWh rate (based on CT 148) for recording as expense in Account 1589 for initial recording of the GA expense?

- C) The "Regulated Price Plan vs. Market Price – Variance for Conventional Meters" submission is completed by downloading the consumption information for the month from our settlement provider by each individual interval metered RPP tiered pricing customer and summarizing the data.

- D) The "Regulated Price Plan vs Market Price – Variance for Smart Meters" submission is completed by downloading the consumption information for the month from our settlement provider for the following calculation:
 - Total System Load
 - Less Non-RPP Interval Metered Customers
 - Less Street lighting
 - Less Non-Designated Loads
 - Non-interval metered spot rate customers
 - Retail customers: settlement information for the current month is not available for retail customers so billed information for the month from the billing system is used as an estimate.

Line 148 of the IESO invoice "Class B Global Adjustment Settlement Amount" is allocated in a percentage split to account "4705 Power Purchased" and "4707 Charges – Global Adjustment" based on a comprehensive excel work form which summarizes all the above



EPCOR Electricity Distribution Ontario Inc.
43 Stewart Road, Collingwood, ON, L9Y 4M7
Phone: (705) 445-1800
Finance Department Fax: (705) 445-8267
epcor.com

noted consumption data. The split allocates the class B GA charged by the IESO to the RPP and Non-RPP customers as follows, using A and B as defined on the previous page.

- c. Does the utility true up the initial recording of CT 148 in Accounts 1588 and 1589 based on estimated proportions to actuals based on actual consumption proportions for RPP and non-RPP?

Yes. This update is completed as part of the quarterly reconciliation process.

- d. Please indicate which months from 2017 were trued up in 2018 for CT 148 proportions between RPP and non-RPP.

All of 2017 was trued up in 2018. The quarterly reconciliation process began in 2018 and is the current practice.

- e. Are all true-ups for 2017 consumption reflected in the DVA Continuity Schedule under 2017.

EPCOR confirms all of the 2017 related true-up been reflected in the 2018-0025 DVA Continuity Schedule.

- f. Please quantify the amount reflected in the DVA Continuity Schedule, and the column where it is included.

EPCOR confirms that the 2017 adjustment reflected in the 2018-0025 continuity schedule was \$224,500.77. This is reflected in the 'Principal Adjustments during 2017' column (Tab: 3. Continuity Schedule, column BF on the excel version).



EPCOR Electricity Distribution Ontario Inc.
 43 Stewart Road, Collingwood, ON, L9Y 4M7
 Phone: (705) 445-1800
 Finance Department Fax: (705) 445-8267
epcor.com

4. Questions regarding principal adjustments and reversals on the DVA Continuity Schedule:

Questions on Principal Adjustments - Accounts 1588 and 1589

- a. Did the applicant have principal adjustments in its 2018 rate proceeding which were approved for disposition?

As per decision and rate order EB-2017-0034, EPCOR confirms that principal adjustments in its 2018 rate proceeding which were approved for disposition.

- b. Please provide a break-down of the total amount of principal adjustments that were approved (e.g. true-up of unbilled (for 1589 only), true up of CT 1142, true up of CT 148 etc.).

As per EB-2017-0034 Management Summary:

ACCOUNT DESCRIPTION	ACCOUNT #	December 31, 2016 PRIOR TO AUDIT	Incorrectly Posted IESO Invoices (1)	Long-Term Load Transfer Incorrect Posting (2)	IESO Invoice Class B Global Adj Incorrect Splitting (3)	IESO Code 142 RPP Settlement Incorrect Reporting (4)	December 31, 2016 AFTER AUDIT
RSVA - Power	1588-0000-01	(5,817,061.86)	316,005.02	(24,814.13)	5,484,354.84	900,790.71	859,274.58
RSVA - Power - Carrying Charge	1588-0000-02	(82,420.59)	4,066.51	(97.81)	5,130.36	813.45	(72,508.08)
Subtotal		(5,899,482.45)	320,071.53	(24,911.94)	5,489,485.20	901,604.16	786,766.50
RSVA - Power - Global Adjustment	1588-0000-03	5,831,109.23		24,814.13	(5,484,354.84)		371,568.52
RSVA - Power - GA - Carrying Charge	1588-0000-04	70,223.20		97.81	(5,130.36)		65,190.65
Subtotal		5,901,332.43	-	24,911.94	(5,489,485.20)	-	436,759.17
Total		1,849.98	320,071.53	0.00	0.00	901,604.16	1,223,525.67

1) Debit to RSVA Power and Credit to 1580 RSVA WMS for incorrect general ledger account selection on IESO invoices. Applicable carrying charge interest reallocated from November 2015 forward.
 2) Incorrectly typed account number entering the Long-Term Load Transfer invoice. Credit to RSVA Power and Debit to RSVA Global Adjustment. Applicable carrying charge interest reallocated.
 3) Incorrect split of Code 146/148 Class B Global Adjustment between RPP and Non-RPP customers. The major cause was including a customer that became a Class A customer in July 2015 in the denominator of the splitting calculation. The second major cause was failure to update the splitting calculation for changes of interval customers moving to Retailer Agreements. Applicable carrying charges were calculated.
 4) An additional \$900,790.71 is payable to the IESO. In one month the carryforward adjustments calculated were incorrect because the wrong month's invoice was used to enter the final GA paid. In a couple months there were incorrect GA carryforwards entered from the previous month, including a situation where the sign was entered as positive rather than negative. Debit to RSVA Power and Credit to Accounts Payable IESO is the transaction required for this section. Applicable carrying charges were calculated.

- c. Has the applicant reversed the adjustment approved in 2018 in its current proposed amount for disposition?

These changes above were included as a result of the special purpose audit of the balances in its RSVA – Power and RSVA – GA accounts and were included in the 2017 financial statement balances. There is no reversal required.



EPCOR Electricity Distribution Ontario Inc.
43 Stewart Road, Collingwood, ON, L9Y 4M7
Phone: (705) 445-1800
Finance Department Fax: (705) 445-8267
epcor.com

- d. Please provide a breakdown of the amounts shown under principal adjustments in the DVA Continuity Schedule filed in the current proceeding, including the reversals and the new true up amounts regarding 2017 true ups.

		CT148	CT1142	Total
RSVA - Power	1588	224,501	99,572	324,072
RSVA - Global Adjustment	1589	(224,501)	0	(224,501)

- e. Do the amount calculated in part d. above reconcile to the applicant's principal adjustments shown in the DVA Continuity Schedule for the current proceeding? If not, please provide an explanation.

EPCOR confirms that the amounts above reconcile to the principal adjustments shown in the DVA Continuity Schedule for the EB-2018-0025.

- f. Please confirm that the principal adjustments shown on the DVA Continuity Schedule are reflected in the GL transactions. As an example, the unbilled to actual true-up for 1589 would already be reflected in the applicant's GL in the normal course of business. However, if a principal adjustment related to proportions between 1588 and 1589 was made, applicant must ensure that the GL reflects the movement between the two accounts.

EPCOR confirms that the principal adjustments shown on the DVA Continuity Schedule are reflected in the GL transactions.

Appendix G – Corporation Articles of Amendment

Board File Number EB-2018-0025

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

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

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

COLLUS POWERSTREAM CORP.

(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)