



**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
Revised January 24, 2019

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



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January 24, 2019

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 *revised* 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.

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 thesselink@epcor.com or (705)-445-1800 ext 2274.

Yours truly,

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

Tim Hesselink, CPA, CGA
Manager, Regulatory Affairs

EPCOR Electricity Distribution Ontario Inc.

ED-2002-0518

Board File Number EB-2018-0025

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

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ONTARIO ENERGY BOARD

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

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

Application

- The applicant is EPCOR Electricity Distribution Ontario Inc. (“EPCOR”), an electricity distribution company owned by EPCOR Utilities Inc., based out of Edmonton, Alberta. In decision and order 2017-0373/0374, the Ontario Energy Board approved the sale of the shares of Collus PowerStream Corp. to EPCOR Utilities Inc. with the sale formally closing on October 1, 2018. For the purpose of this application, the LDC is referred to as “EPCOR” consistently. The corporation remains the same corporate entity before and after the sale of its shares, with the only change being an amendment to the name.
- EPCOR serves about 17,000 mostly residential and commercial electricity customers in the Towns of Collingwood, Stayner, Creemore and the village of Thornbury. EPCOR, an Ontario corporation with operations centre located in Collingwood, Ontario, carries on the business of owning and operating electricity distribution facilities under Electricity Distribution License ED-2002-0518.
- EPCOR hereby applies to the Ontario Energy Board (the “Board” or the “OEB”), pursuant to section 78 of the Ontario Energy Board Act, 1998 as amended (the “OEB Act”) for an Order or Orders approving its proposed electricity distribution rates and other charges, effective May 1, 2019.
- EPCOR last appeared before the OEB with a cost of service rebasing application for 2013 rates in the EB-2012-0116 proceeding (under the name Collus 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_v3
 - 37 • 2018_0025_EPCOR_LRAMVA_Work_Form_v3
 - 38 • 2018_0025_GA Analysis Workform - 2017 Disposal

1. Introduction

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

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

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

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

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

- Z-factor claims
- Advanced Capital Module
- Incremental Capital Module
- Eligible Investments

1 **Applicant Contact Information**

2 The primary contact for this Application is:

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

6 Address for personal service and mailing address

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

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 24th DAY OF JANUARY, 2019

30

31

32

[Original Signed By]

33

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35

36

37

38

Susannah Robinson
Chief Executive Officer
EPCOR Electricity Distribution Ontario Inc.

2. Summary of Application

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

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

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

EPCOR requests an Order or Orders approving:

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

3. Price Cap Adjustment

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

EPCOR has the following rate classes:

- Residential
- General Service Less Than 50 kW
- General Service 50 to 4,999 kW
- Unmetered Scattered Load
- Street Lighting

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

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

The Price Cap index of 1.35% is calculated in the Board's Rate Generator model, based on the preliminary 4th GIRM parameters. This is determined using an inflation factor of 1.50%, a productivity factor of 0.00%, and a stretch factor of 0.15% (Cohort II) based on the updated benchmarking study for use for rates effective in 2019. These values are expected to be revised with final factors before a decision and order is issued, which could impact rate calculations.

4. Tax Changes

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

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

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

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

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

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

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

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

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

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

Table 5.1: LRAMVA Disposition

Description	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
	kWh	kWh	kW	kW	KWh	
2016 Actuals	\$58,867	\$46,278	\$23,457	\$0	\$0	\$128,602
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	\$38,838	(\$10,910)	(\$2,955)	(\$55)	\$61,054
Carrying Charges	<u>\$1,550</u>	<u>\$1,666</u>	<u>(\$468)</u>	<u>(\$127)</u>	<u>(\$2)</u>	<u>\$2,619</u>
Total	\$37,687	\$40,504	(\$11,378)	(\$3,082)	(\$58)	\$63,673

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 \$61,054 plus carrying
10 charges of \$2,619 as over 12 months as part of this application.

6. Retail Transmission Service Rates

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

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

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

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)

8. Global Adjustment (“GA”)

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

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

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 Streetlighting
- 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.

When EPCOR receives the IESO invoice on the tenth business day of the month, the actual class B GA charged 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.

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

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

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

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

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

9. Rate Change Summary and Bill Impacts

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

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

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

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%

Per section 3.2.3 of the *Filing Requirements for Electricity Distribution Rates Applications – 2018 Edition for 2019 Rate Applications*, EPCOR has calculated the impact of the above change on its 10th percentile customers. EPCOR extracted its billing data for all customers who had 12 months of consumption in 2017. From the data set EPCOR calculated the 10th percentile customers. The 10th percentile was calculated to be those customers with monthly consumption of 256 kWh or less. When the bill impact on these customers was calculated, their total bill impact was an increase of \$2.77 or 5.2% which is below OEB's threshold of 10%. As a result, no mitigation plan is anticipated.

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 \$0.32 or 0.8%
5 increase in the Delivery line and an increase of \$0.34 or 0.3% on the total monthly
6 bill.
- 7 • A typical General Service less than 50 kW demand customer using 2,000 kWh per
8 month will see a decrease of (\$2.15) or (2.3%) in the Delivery line and a decrease
9 of (\$2.26) or (0.8%) on the total monthly bill.
- 10 • Class B General Service 50 to 4,999 kW demand customers (using 250 kW
11 demand and consuming 86,000 kWh per month) will see an increase of \$381.35
12 or 16.0% in Delivery and \$430.92 or 3.0% 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 1.4% for Street Lighting on the total
15 monthly bill.

16

17

18

1

Table 9.2: Customer Bill Impacts per Rate Class

2

RATE CLASSES / CATEGORIES	Units	Total	
		\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$0.34	0.3%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	(\$2.26)	(0.8%)
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$430.92	3.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	\$0.77	2.9%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$59.29	1.4%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$3.48	2.4%
RESIDENTIAL SERVICE CLASSIFICATION – RPP 10 th Percentile	kWh	\$2.77	5.2%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$6.83	1.8%

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)	\$	25.41
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
Rate Rider per the Collus Powerstream and EPCOR Share Purchase Agreement - effective until September 30, 2023	\$	(0.25)
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	0.0030
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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	0.0005
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)	\$	21.52
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0142
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	0.0009
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	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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)	\$	102.79
Distribution Volumetric Rate	\$/kW	3.3617
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	(0.0365)
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	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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	0.0123
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	0.0030
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 0.0005
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)	\$	3.76
Distribution Volumetric Rate	\$/kW	15.6773
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	(0.8582)
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	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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Customer Administration

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

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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	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

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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

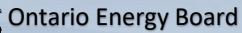
1.0710

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

1.0603

Appendix B – Bill Impacts Summary

Board File Number EB-2018-0025



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

Note:

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

[illegible]

Table 2

[illegible]

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	\$ 25.41	1	\$ 25.41	\$ 4.00	18.68%
Distribution Volumetric Rate	\$ 0.0053	690	\$ 3.66	\$ -	690	\$ -	\$ (3.66)	-100.00%
Fixed Rate Riders	\$ (0.14)	1	\$ (0.14)	\$ (0.14)	1	\$ (0.14)	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0001	690	\$ 0.07	\$ 0.0003	690	\$ 0.21	\$ 0.14	200.00%
Sub-Total A (excluding pass through)			\$ 25.00			\$ 25.48	\$ 0.48	1.92%
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	\$ -	\$ -	0.00%
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	\$ -	\$ -	0.00%
Additional Volumetric Rate Riders		690	\$ -		690	\$ -	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 31.86			\$ 32.48	\$ 0.62	1.94%
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)			\$ 39.77			\$ 40.09	\$ 0.32	0.81%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	739	\$ 2.51	\$ 0.0034	739	\$ 2.51	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	739	\$ 0.37	\$ 0.0005	739	\$ 0.37	\$ -	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)			\$ 99.47			\$ 99.80	\$ 0.32	0.33%
HST	13%		\$ 12.93	13%		\$ 12.97	\$ 0.04	0.33%
8% Rebate	8%		\$ (7.96)	8%		\$ (7.98)	\$ (0.03)	
Total Bill on TOU			\$ 104.45			\$ 104.79	\$ 0.34	0.33%

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	\$ 21.52	1	\$ 21.52	\$ 0.29	1.37%
Distribution Volumetric Rate	\$ 0.0140	2000	\$ 28.00	\$ 0.0142	2000	\$ 28.40	\$ 0.40	1.43%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0023	2000	\$ 4.60	\$ 0.0010	2000	\$ 2.00	\$ (2.60)	-56.52%
Sub-Total A (excluding pass through)			\$ 53.83			\$ 51.92	\$ (1.91)	-3.55%
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			\$ 70.93	\$ (1.51)	-2.08%
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			\$ 90.21	\$ (2.15)	-2.33%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,142	\$ 7.28	\$ 0.0034	2,142	\$ 7.28	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,142	\$ 1.07	\$ 0.0005	2,142	\$ 1.07	\$ -	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			\$ 262.79	\$ (2.15)	-0.81%
HST	13%		\$ 34.44	13%		\$ 34.16	\$ (0.28)	-0.81%
8% Rebate	8%		\$ (21.20)	8%		\$ (21.02)	\$ 0.17	
Total Bill on TOU			\$ 278.19			\$ 275.93	\$ (2.26)	-0.81%

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	\$ 102.79	1	\$ 102.79	\$ 1.37	1.35%
Distribution Volumetric Rate	\$ 3.3169	250	\$ 829.23	\$ 3.3617	250	\$ 840.43	\$ 11.20	1.35%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.1147	250	\$ (28.68)	\$ 0.0169	250	\$ (4.23)	\$ 24.45	-85.27%
Sub-Total A (excluding pass through)			\$ 901.97			\$ 938.99	\$ 37.02	4.10%
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			\$ 1,855.12	\$ 412.85	28.62%
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			\$ 2,771.59	\$ 381.35	15.95%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	92,106	\$ 313.16	\$ 0.0034	92,106	\$ 313.16	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	92,106	\$ 46.05	\$ 0.0005	92,106	\$ 46.05	\$ -	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	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			\$ 13,271.92	\$ 381.34	2.96%
HST	13%		\$ 1,675.78	13%		\$ 1,725.35	\$ 49.57	2.96%
Total Bill on Average IESO Wholesale Market Price			\$ 14,566.35			\$ 14,997.27	\$ 430.92	2.96%

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	\$ 0.0123	150	\$ 1.85	\$ 0.03	1.65%
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			\$ 2.37	\$ 0.09	3.73%
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			\$ 4.99	\$ 0.73	17.13%
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			\$ 6.44	\$ 0.68	11.84%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	161	\$ 0.55	\$ 0.0034	161	\$ 0.55	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	161	\$ 0.08	\$ 0.0005	161	\$ 0.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	150	\$ 16.52	\$ 0.1101	150	\$ 16.52	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 23.15			\$ 23.83	\$ 0.68	2.95%
HST	13%		\$ 3.01	13%		\$ 3.10	\$ 0.09	2.95%
Total Bill on Average IESO Wholesale Market Price			\$ 26.16			\$ 26.93	\$ 0.77	2.95%

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	\$ 3.76	1007	\$ 3,786.32	\$ 50.35	1.35%
Distribution Volumetric Rate	\$ 15.4685	1	\$ 15.47	\$ 15.6773	1	\$ 15.68	\$ 0.21	1.35%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 1.3293	1	\$ (1.33)	\$ 0.5491	1	\$ (0.55)	\$ 0.78	-58.69%
Sub-Total A (excluding pass through)			\$ 3,750.11			\$ 3,801.45	\$ 51.34	1.37%
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			\$ 3,806.66	\$ 52.56	1.40%
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			\$ 3,809.45	\$ 52.47	1.40%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	300	\$ 1.02	\$ 0.0034	300	\$ 1.02	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	300	\$ 0.15	\$ 0.0005	300	\$ 0.15	\$ -	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			\$ 3,841.70	\$ 52.47	1.38%
HST	13%		\$ 492.60	13%		\$ 499.42	\$ 6.82	1.38%
Total Bill on Average IESO Wholesale Market Price			\$ 4,281.83			\$ 4,341.12	\$ 59.29	1.38%

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	\$ 25.41	1	\$ 25.41	\$ 4.00	18.68%
Distribution Volumetric Rate	\$ 0.0053	750	\$ 3.98	\$ -	750	\$ -	\$ (3.98)	-100.00%
Fixed Rate Riders	\$ (0.14)	1	\$ (0.14)	\$ (0.14)	1	\$ (0.14)	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0001	750	\$ 0.08	\$ 0.0003	750	\$ 0.23	\$ 0.15	200.00%
Sub-Total A (excluding pass through)			\$ 25.32			\$ 25.50	\$ 0.18	0.69%
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)			\$ 35.65			\$ 39.05	\$ 3.40	9.54%
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)			\$ 44.25			\$ 47.33	\$ 3.08	6.96%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	803	\$ 2.73	\$ 0.0034	803	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	803	\$ 0.40	\$ 0.0005	803	\$ 0.40	\$ -	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			\$ 129.96			\$ 133.03	\$ 3.08	2.37%
HST	13%		\$ 16.89	13%		\$ 17.29	\$ 0.40	2.37%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 146.85			\$ 150.33	\$ 3.48	2.37%

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	\$ 25.41	1	\$ 25.41	\$ 4.00	18.68%
Distribution Volumetric Rate	\$ 0.0053	256	\$ 1.36	\$ -	256	\$ -	\$ (1.36)	-100.00%
Fixed Rate Riders	\$ (0.14)	1	\$ (0.14)	\$ (0.14)	1	\$ (0.14)	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0001	256	\$ 0.03	\$ 0.0003	256	\$ 0.08	\$ 0.05	200.00%
Sub-Total A (excluding pass through)			\$ 22.65			\$ 25.35	\$ 2.69	11.89%
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	\$ -	\$ -	0.00%
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	\$ -	\$ -	0.00%
Additional Volumetric Rate Riders		256	\$ -		256	\$ -	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 25.56			\$ 28.30	\$ 2.75	10.74%
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)			\$ 28.49			\$ 31.13	\$ 2.64	9.25%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	274	\$ 0.93	\$ 0.0034	274	\$ 0.93	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	274	\$ 0.14	\$ 0.0005	274	\$ 0.14	\$ -	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)			\$ 50.80			\$ 53.44	\$ 2.64	5.19%
HST	13%		\$ 6.60	13%		\$ 6.95	\$ 0.34	5.19%
8% Rebate	8%		\$ (4.06)	8%		\$ (4.27)	\$ (0.21)	
Total Bill on TOU			\$ 53.34			\$ 56.11	\$ 2.77	5.19%

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	\$ 21.52	1	\$ 21.52	\$ 0.29	1.37%
Distribution Volumetric Rate	\$ 0.0140	2000	\$ 28.00	\$ 0.0142	2000	\$ 28.40	\$ 0.40	1.43%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0023	2000	\$ 4.60	\$ 0.0010	2000	\$ 2.00	\$ (2.60)	-56.52%
Sub-Total A (excluding pass through)			\$ 53.83			\$ 51.92	\$ (1.91)	-3.55%
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			\$ 86.92	\$ 6.69	8.34%
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			\$ 106.20	\$ 6.05	6.04%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,142	\$ 7.28	\$ 0.0034	2,142	\$ 7.28	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,142	\$ 1.07	\$ 0.0005	2,142	\$ 1.07	\$ -	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			\$ 334.76	\$ 6.05	1.84%
HST 13%			\$ 42.73			\$ 43.52	\$ 0.79	1.84%
8% Rebate								
Total Bill on Non-RPP Avg. Price			\$ 371.44			\$ 378.27	\$ 6.83	1.84%

Appendix C – IRM Rate Generator

Board File Number EB-2018-0025



Ontario Energy Board

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 cleared¹ 2018

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			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 OEB.

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

Please [contact](#) the OEB to make adjustments to the IRM rate generator for this situation.

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	37,687	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	40,504	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	-11,378	
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	-3,082	
Total		291,298,653	318,599	132,308,382	285,842	2,622,220	4,949	288,676,433	313,650	63,673	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	% of Total kWh	allocated based on			allocated based on			
		Numbers **	adjusted for 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)	37,687
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	15.5%	10.3%	15.7%	83,593	(675)	(49,466)	589	424	(25,268)	40,504
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)	(11,378)
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)	(3,082)
Total	100.0%	100.0%	100.0%	538,661	(6,568)	(315,885)	3,799	2,734	(161,358)	63,673

** 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 enter the Year the Account 1589 GA Balance 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	Total Metered 2017 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2017 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
	kWh	kWh	kWh	kWh				
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.

2016

(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	245,015,625	245,015,625
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	3.73%	235,877,679

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	-\$ 91
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	-\$ 2,353

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%	-\$ 23	-\$ 2
Customer 2		2,552,757	2,552,757	27.94%	-\$ 25	-\$ 2
Customer 3		2,226,694	2,226,694	24.37%	-\$ 22	-\$ 2
Customer 4		2,042,123	2,042,123	22.35%	-\$ 20	-\$ 2
Total		9,137,946	9,137,946	100.00%	-\$ 91	-\$ 8

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	116,631,538	0	49.4%	(\$1,164)	\$0.0000	kWh	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	45,205,488	3,687	0	0	0	45,205,488	3,687	19.2%	(\$451)	\$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	72,412,361	192,827	30.7%	(\$722)	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	400,177	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	1,228,115	3,591	0.5%	(\$12)	\$0.0000	kW	
Total		288,676,433	313,650	34,170,403	63,536	18,628,351	50,009	235,877,679	200,105	100.0%	(\$2,353)	\$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 ²	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) ²	Account 1568 Rate Rider	Revenue Reconciliation ¹
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	0.0009	
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)	(0.0365)	
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	(0.8582)	
											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	\$ 3.71
Line Connection Service Rate		kW	\$ 0.87	\$ 0.95	\$ 0.94
Transformation Connection Service Rate		kW	\$ 2.02	\$ 2.34	\$ 2.25
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

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

Add Extra Host Here (I)		Network			Line Connection			Transformation Connection			Total Connection		
(if needed)													
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 (If needed)		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	\$	76,059	\$	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	\$	174,006		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

12. RTSR - Historical Wholesale

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	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
February	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
March	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
April	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
May	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
June	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
July	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
August	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
September	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
October	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
November	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
December	-	\$ 3.7100	\$ -	-	\$ 0.9400	\$ -	-	\$ 2.2500	\$ -	\$ -			
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			
Januvar	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -			
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	1.50%	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	1.35%	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		1.35%	25.41	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	21.23		0.014		1.35%	21.52	0.0142
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	101.42		3.3169		1.35%	102.79	3.3617
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.51		0.0121		1.35%	0.52	0.0123
STREET LIGHTING SERVICE CLASSIFICATION	3.71		15.4685		1.35%	3.76	15.6773
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



Ontario Energy Board

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	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

STREET LIGHTING SERVICE CLASSIFICATION

			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

microFIT SERVICE CLASSIFICATION

			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

Appendix D – LRAMVA Work Form

Board File Number EB-2018-0025



Ontario Energy Board

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	\$	128,602
Forecast Lost Revenues (\$)	B	\$	67,548
Carrying Charges (\$)	C	\$	2,619
LRAMVA (\$) for Account 1568	A-B+C	\$	63,673

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	\$1,550	\$37,687
GS<50 kW	kWh	\$38,838	\$1,666	\$40,504
GS>50 kW	kW	-\$10,910	-\$468	-\$11,378
Streetlights	kW	-\$2,955	-\$127	-\$3,082
Unmetered Scattered Load	KWh	-\$55	-\$2	-\$58
Total		\$61,054	\$2,619	\$63,673

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

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

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

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

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
		kWh	kWh	kW	kW	KWh	
2011 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared							
2012 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared							
2013 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared							
2014 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared							
2015 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared							
2016 Actuals		\$58,866.85	\$46,278.36	\$23,456.58	\$0.00	\$0.00	\$128,601.79
2016 Forecast		(\$22,730.55)	(\$7,440.26)	(\$34,367.02)	(\$2,955.01)	(\$55.27)	(\$67,548.12)
Amount Cleared							
Carrying Charges		\$1,550.25	\$1,666.15	(\$468.06)	(\$126.77)	(\$2.37)	\$2,619.20
Total LRAMVA Balance		\$37,687	\$40,504	-\$11,378	-\$3,082	-\$58	\$63,673

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



LRAMVA Work Form: Summary of Changes

Version 2.0 (2017)

Legend

User Inputs (Green)

Drop Down List (Blue)

Instructions (Grey)

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

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

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

Table A-2. Updates to LRAMVA Disposition

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

No.	Tab	Cell Reference	Description	Rationale
1	4. 2011-2014 LRAM	Column Z	Correction of customer class allocation of retrofit programs	Consistency with previous years submission (for years of disposal).
2	5. 2015-2020 LRAM	D58/D61	Adjustment of related savings due to a rebase in program measures	Consistency with IESO verified results
3	6. Carrying Charges	H139/H140	Removal of effective rate	Carrying charges should only be calculated until April 30
4				
5				
6				
7				
8				
9				
10				
etc.				



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-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load
		kWh	kWh	kW	kW	KWh
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	kWh	kW	kW	KWh
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		\$ 0.0168	\$ 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		\$ 0.0112	\$ 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	\$ 2.7355	\$ 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	\$ 13.9131	\$ 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		\$ 0.0170	\$ 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
2011	\$0.0171	\$0.0111	\$2.5040	\$12.9553	\$0.0157	\$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
2013	\$0.0175	\$0.0118	\$2.7355	\$13.9131	\$0.0142	\$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
2015	\$0.0198	\$0.0134	\$3.1553	\$14.7153	\$0.0116	\$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

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



LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

Tables

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

Table 4-a. 2011 Lost Revenues Work Form

Table 4.d: 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	265,407	603	0	0	
Forecast CDM Savings in 2011				0	0	0	0	0	
Distribution Rate in 2011									
Lost Revenue in 2011 from 2011 programs				\$0.01710	\$0.01110	\$2.50400	\$12.95530	\$0.01570	
Forecast Lost Revenues in 2011				\$4,442.57	\$2,946.01	\$1,511.14	\$0.00	\$0.00	\$8,899.72
LRAMVA in 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
									\$8,899.72
2011 Savings Persisting in 2012				259,800	265,407	603	0	0	
2011 Savings Persisting in 2013				259,800	265,407	603	0	0	
2011 Savings Persisting in 2014				259,047	183,473	603	0	0	
2011 Savings Persisting in 2015				233,359	183,473	603	0	0	
2011 Savings Persisting in 2016				180,634	183,473	603	0	0	
2011 Savings Persisting in 2017				151,047	121,174	603	0	0	
2011 Savings Persisting in 2018				150,632	121,174	603	0	0	
2011 Savings Persisting in 2019				174,743	121,174	603	0	0	
2011 Savings Persisting in 2020				99,708	121,174	603	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									
Actual CDM Savings in 2012		1,720,379	391	182,798	637,416	2,117	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	\$2,972.55	\$1,578.24	\$0.00	\$0.00	\$8,915.43
Lost Revenue in 2012 from 2012 programs				\$3,071.01	\$7,139.06	\$5,536.85	\$0.00	\$0.00	\$15,746.92
Total Lost Revenues in 2012				\$7,435.65	\$10,111.61	\$7,115.10	\$0.00	\$0.00	\$24,662.35
Forecast Lost Revenues in 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2012									\$24,662.35
2012 Savings Persisting in 2013				182,798	629,827	2,044	0	0	
2012 Savings Persisting in 2014				182,798	629,297	2,039	0	0	
2012 Savings Persisting in 2015				181,957	553,023	1,919	0	0	
2012 Savings Persisting in 2016				161,603	553,023	1,919	0	0	
2012 Savings Persisting in 2017				121,505	457,163	1,910	0	0	
2012 Savings Persisting in 2018				101,166	452,433	1,860	0	0	
2012 Savings Persisting in 2019				100,336	452,433	1,860	0	0	
2012 Savings Persisting in 2020				91,876	426,996	1,637	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									
Actual CDM Savings in 2013		1,632,662	515	185,768	809,291	1,306	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	\$3,131.80	\$1,650.84	\$0.00	\$0.00	\$9,329.14
Lost Revenue in 2013 from 2012 programs				\$3,198.97	\$7,431.96	\$5,591.19	\$0.00	\$0.00	\$16,222.12
Lost Revenue in 2013 from 2013 programs				\$3,250.94	\$9,549.63	\$3,572.28	\$0.00	\$0.00	\$16,372.85
Total Lost Revenues in 2013				\$10,996.41	\$20,113.39	\$10,814.31	\$0.00	\$0.00	\$41,924.11
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									-\$20,005.85
2013 Savings Persisting in 2014				185,585	802,721	1,306	0	0	
2013 Savings Persisting in 2015				177,580	799,187	1,298	0	0	
2013 Savings Persisting in 2016				170,631	700,543	1,298	0	0	
2013 Savings Persisting in 2017				152,850	613,144	1,252	0	0	
2013 Savings Persisting in 2018				140,811	609,055	1,200	0	0	
2013 Savings Persisting in 2019				139,608	609,055	1,200	0	0	
2013 Savings Persisting in 2020				138,728	607,696	1,200	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	1,214,596	1,078	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	\$2,458.54	\$1,880.89	\$0.00	\$0.00	\$9,442.66
Lost Revenue in 2014 from 2012 programs				\$3,601.13	\$8,432.58	\$6,354.38	\$0.00	\$0.00	\$18,388.09
Lost Revenue in 2014 from 2013 programs				\$3,656.02	\$10,756.46	\$4,070.09	\$0.00	\$0.00	\$18,482.57
Lost Revenue in 2014 from 2014 programs				\$12,436.69	\$16,275.58	\$3,360.25	\$0.00	\$0.00	\$32,072.53
Total Lost Revenues in 2014				\$24,797.07	\$37,923.16	\$15,665.62	\$0.00	\$0.00	\$78,385.85
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									\$8,465.70
2014 Savings Persisting in 2015				578,637	1,210,974	1,076	0	0	
2014 Savings Persisting in 2016				547,052	886,424	1,076	0	0	
2014 Savings Persisting in 2017				545,095	822,732	1,055	0	0	
2014 Savings Persisting in 2018				527,221	822,732	573	0	0	
2014 Savings Persisting in 2019				508,444	822,732	573	0	0	
2014 Savings Persisting in 2020				506,523	818,038	562	0	0	

Note: LDC to make note of key assumptions included above



Ontario Energy Board

LRAMVA Work Form: **2015 - 2020 Lost Revenues Work Form**

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

Tables

[Table 5-a. 2015 Lost Revenues](#)

[Table 5-b. 2016 Lost Revenues](#)

[Table 5-c. 2017 Lost Revenues](#)

[Table 5-d. 2018 Lost Revenues](#)

[Table 5-e. 2019 Lost Revenues](#)

[Table 5-f. 2020 Lost Revenues](#)

Table 5-a. 2015 Lost Revenues Work Form

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA					
		2015	2015	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
Legacy Framework									
Actual CDM Savings in 2015		1,948,797	290	588,649	549,820	1,277	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	\$2,458.54	\$1,904.19	\$0.00	\$0.00	\$8,983.24
Lost Revenue in 2015 from 2012 programs				\$3,602.75	\$7,410.50	\$6,054.50	\$0.00	\$0.00	\$17,067.75
Lost Revenue in 2015 from 2013 programs				\$3,516.08	\$10,709.11	\$4,096.68	\$0.00	\$0.00	\$18,321.88
Lost Revenue in 2015 from 2014 programs				\$11,457.02	\$16,227.06	\$3,395.91	\$0.00	\$0.00	\$31,079.99
Lost Revenue in 2015 from 2015 programs				\$11,655.25	\$7,367.58	\$4,029.06	\$0.00	\$0.00	\$23,051.90
Total Lost Revenues in 2015				\$34,851.61	\$44,172.80	\$19,480.34	\$0.00	\$0.00	\$98,504.75
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									\$27,987.62
2015 Savings Persisting in 2016				578,990	549,819	1,451	0	0	
2015 Savings Persisting in 2017				578,378	549,820	1,446	0	0	
2015 Savings Persisting in 2018				577,661	568,388	1,446	0	0	
2015 Savings Persisting in 2019				572,254	568,388	1,446	0	0	
2015 Savings Persisting in 2020				566,149	568,388	1,446	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					
		2016	2016	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
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	\$2,513.58	\$1,943.60	\$0.00	\$0.00	\$7,509.89
Lost Revenue in 2016 from 2012 programs				\$2,731.09	\$7,576.41	\$6,179.80	\$0.00	\$0.00	\$16,487.30
Lost Revenue in 2016 from 2013 programs				\$2,883.66	\$9,597.44	\$4,181.46	\$0.00	\$0.00	\$16,662.56
Lost Revenue in 2016 from 2014 programs				\$9,245.17	\$12,144.01	\$3,466.19	\$0.00	\$0.00	\$24,855.37
Lost Revenue in 2016 from 2015 programs				\$9,784.93	\$7,532.52	\$4,671.82	\$0.00	\$0.00	\$21,989.26
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	\$46,278.36	\$23,456.58	\$0.00	\$0.00	\$128,601.79
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									\$61,053.66
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

Version 2.0 (2017)

Legend

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

Instructions

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

Table 6. Prescribed Interest Rates

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

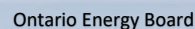
Check OEB website

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

[Go to Tab 1: Summary](#)

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

[illegible]



Supporting Documentation: LDC Persistence Savings Results from IESO

Legend

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

Instructions (Steps)

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

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

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

Step:	#1					#3	#2	#4	#1
Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings	Net Verified Annual Peak Demand Savings at the End-User Level
									###
	Appliance Exchange		COLLUS Power Corp.	Residential		2011	2011 Results Persistence	Current year savings	111100
	Appliance Retirement		COLLUS Power Corp.	Residential		2011	2011 Results Persistence	Current year savings	888750
	Bi-Annual Retailer Event		COLLUS Power Corp.	Residential		2011	2011 Results Persistence	Current year savings	555554
	Conservation Instant Coupon Booklet		COLLUS Power Corp.	Residential		2011	2011 Results Persistence	Current year savings	333333
	HVAC Incentives		COLLUS Power Corp.	Residential		2011	2011 Results Persistence	Current year savings	32323232
	Demand Response 3		COLLUS Power Corp.	Business & Industrial		2011	2011 Results Persistence	Current year savings	37000000
	Direct Install Lighting		COLLUS Power Corp.	Business		2011	2011 Results Persistence	Current year savings	6161613232
	RetrofitIndustrial		COLLUS Power Corp.	Industrial		2011	2011 Results Persistence	Current year savings	333333
	Retrofit		COLLUS Power Corp.	Business		2011	2011 Results Persistence	Current year savings	1616161616
	Electricity Retrofit Incentive Program		COLLUS Power Corp.	Business		2011	2011 Results Persistence	Current year savings	333333
	High Performance New Construction		COLLUS Power Corp.	Business		2011	2011 Results Persistence	Current year savings	44444444
	HVAC Incentives		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	027272727
	Retrofit		COLLUS Power Corp.	Business		2012	2012 Results Persistence	Current year savings	0268258258242
	Direct Install Lighting		COLLUS Power Corp.	Business		2012	2012 Results Persistence	Current year savings	04747473231
	Appliance Exchange		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	000000
	Appliance Retirement		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	055554
	Bi-Annual Retailer Event		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	044444
	Conservation Instant Coupon Booklet		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	011111
	Home Assistance Program		COLLUS Power Corp.	Residential		2012	2012 Results Persistence	Current year savings	011111
	High Performance New Construction		COLLUS Power Corp.	Business		2012	2012 Results Persistence	Current year savings	000000
	Demand Response 3		COLLUS Power Corp.	Business & Industrial		2012	2012 Results Persistence	Current year savings	03700000
	Energy Audit		COLLUS Power Corp.	Business		2012	2012 Results Persistence	Current year savings	000000
	Retrofit		COLLUS Power Corp.	Business		2013	2013 Results Persistence	Current year savings	00179179178
	HVAC Incentives		COLLUS Power Corp.	Residential		2013	2013 Results Persistence	Current year savings	0035353535
	Appliance Retirement		COLLUS Power Corp.	Residential		2013	2013 Results Persistence	Current year savings	0033333
	Appliance Exchange		COLLUS Power Corp.	Residential		2013	2013 Results Persistence	Current year savings	0044444
	Residential Demand Response		COLLUS Power Corp.	Residential		2013	2013 Results Persistence	Current year savings	00142000
	Direct Install Lighting		COLLUS Power Corp.	Business		2013	2013 Results Persistence	Current year savings	0010810810781

ing savings data by initiative in Columns L to BT of this work form.

i in orange). Before you sort values, please ensure that all table columns have filters.

f the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

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Appendix E – Collus PowerStream Approved 2018 Tariff Sheet

Board File Number EB-2018-0025

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

EB-2017-0034

RESIDENTIAL SERVICE CLASSIFICATION

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

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

Collus PowerStream Corp.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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EB-2017-0034

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

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

Issued - March 22, 2018

Collus PowerStream Corp.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2018
This schedule supersedes and replaces all previously
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EB-2017-0034

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

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

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

Collus PowerStream Corp.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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
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EB-2017-0034

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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Collus PowerStream Corp.
TARIFF OF RATES AND CHARGES
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EB-2017-0034

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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Customer Administration

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

Non-Payment of Account

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

Other

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

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



Ontario Energy Board

GA Analysis Workform

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

Year		2017		
Total Metered excluding WMP	C = A+B	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		735,521	8,685,918	0.10559	\$ 917,146	0.08639	\$ 750,376	\$ 166,770
March	8,929,080		619,887	9,548,967	0.08409	\$ 802,973	0.07135	\$ 681,319	\$ 121,654
April	9,466,642		1,695,333	7,771,309	0.06874	\$ 534,200	0.10778	\$ 837,592	\$ 303,392
May	7,792,585		689,669	8,482,254	0.10623	\$ 901,070	0.12307	\$ 1,043,911	\$ 142,841
June	8,531,419		25,601	8,505,818	0.11954	\$ 1,016,785	0.11848	\$ 1,007,769	\$ 9,016
July	8,442,303		1,435,740	7,006,563	0.10652	\$ 746,339	0.11280	\$ 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>1.0%</u>



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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.



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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)



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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).



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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.



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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



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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).



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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.



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- 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

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)