



Collus PowerStream Corp.

ED-2002-0518

**2018 Incentive Regulation Mechanism
Electricity Distribution Rate Application**

Board File Number EB-2017-0034

For Rates Effective May 1, 2018



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November 6, 2017

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

Attn: Kirsten Walli

**RE: Collus PowerStream Corp (License ED-2002-0518)
2018 4th Generation IRM Application EB-2017-0034**

In accordance with instructions released by the Ontario Energy Board ("OEB") updating Chapter 3 of the *Filing Requirements for Electricity Distribution Rate Applications*, Collus PowerStream submits its application for approval of the 4th Generation Incentive Rate-setting Mechanism (IRM4) based rates effective May 1, 2018. An electronic copy of the Application has been filed on the OEB's RESS Filing System and two (2) hard copies are enclosed.

On October 23, 2017 Collus sent a letter to the Board Secretary expressing concerns that the required special purpose audit would not be completed on time for the November 6 filing deadline despite the infield audit work taking place in mid-July 2017. An extension to the November 6, 2017 deadline was requested but as of yet, no response has been received. Therefore, in order to meet the filing deadline and ensure rates effective May 1, 2018, Collus has removed the Group 1 disposal until the special purpose audit report is complete. Once the audit report is received and management has reviewed it will be submitted promptly as part of this application along with the GA Analysis Work Forms.

If you have any questions, please do not hesitate to contact the undersigned at thesselink@collus.com or (705)445-1800 ext 2274.

Yours truly,

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

Tim Hesselink, CPA, CGA
Regulatory Manager

Collus PowerStream Corp.

ED-2002-0518

Board File Number EB-2017-0034

**2018 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 Collus
PowerStream Corp. 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

1. The applicant is Collus PowerStream Corp. (“Collus”), an electricity distribution company owned 50% by The Town of Collingwood and 50% by Alectra Utilities Corporation. Collus serves about 17,000 mostly residential and commercial electricity customers in the Towns of Collingwood, Stayner, Creemore and Thornbury. Collus, an Ontario corporation with its head office in Collingwood, Ontario, carries on the business of owning and operating electricity distribution facilities under Electricity Distribution Licence ED-2002-0518.
2. Collus 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, 2018.
3. Collus last appeared before the OEB with a cost of service rebasing application for 2013 rates in the EB-2012-0116 proceeding.
4. Collus is seeking approval for electricity distribution rates using the OEB’s 2018 IRM Rate Generator Model. Collus confirms that it has worked with OEB staff to make any necessary adjustments to prepopulated values, and that the billing determinants in the models as filed are accurate.

1 5. Collus requests that, pursuant to Section 34.01 of the OEB's *Rules of Practice*
2 *and Procedure*, this proceeding be conducted by way of written hearing.

3
4 6. The Applicant confirms that the application and related documents will be
5 published on its website (www.collus.com).

6
7 7. The persons affected by this Application are the ratepayers of Collus' service
8 territory.

9
10 8. The Applicant requests that a copy of all documents filed with the OEB in this
11 proceeding be served on the Applicant at follows:

12
13 Tim Hesselink
14 Regulatory Manager
15 Collus PowerStream Corp.
16 43 Stewart Road
17 Collingwood, ON L9Y 4M7
18 Phone: (705) 445-1800 EXT#2274
19 thesselink@collus.com

20
21 9. In addition to the written evidence provided herein, the following live Microsoft
22 Excel models have been filed in conjunction with the Application:

- 23 • 2017_0034_2018 IRM Rate Generator Model_CPS_V1_1
24 • 2017_0034_CPS_LRAMVA_Work_Form
25

1. Introduction

Collus has selected the Price Cap Incentive Rate-setting ("Price Cap IR") option to file its 2018 Distribution Rate Application. In preparing this Application, Collus has complied with Chapter 3, Incentive Rate Setting Applications, of the Board's Filing Requirements for Distribution Rate Applications – 2017 Edition for 2018 Rate Applications, dated July 20, 2017 (the "Filing Requirements").

All rates referenced in this Application and included in the accompanying 2018 Proposed Tariff of Rates and Charges are based on the output of the OEB's 2018 IRM Rate Generator Model – Version 1.1, as posted on the OEB website September 8, 2017 (the "2018 IRM Model" or the "Model").

The application includes a completed *Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form – Version 2.0*, as posted by the OEB on July 18, 2017 for the disposition of the 1568 balances up to December 31, 2015 and a completed "STS-Tax Change" worksheet in the *2018 IRM Rate Generator model* for the sharing of the impact of legislated tax changes.

On March 30, 2017, Collus PowerStream received a final OEB Decision and Rate Order for Rates effective May 1, 2017 which included a requirement in its next rate application to file the results of a special purpose audit of the balances in its RSVA – Power and RSVA – GA accounts. In compliance with the OEB's instructions as set out in the Decision, Collus engaged an audit firm to complete the work in July 2017. Collus has not yet received the audit report. Once the audit report is completed and management has had an opportunity to review the document, the report will be submitted to the OEB.

Collus is not seeking disposition of the 2016 year-end total balance for Group 1 accounts including interest projected to April 30, 2018 as the special purpose audit verifying the balances is incomplete. Since Collus has complied with the OEB's request and this circumstance is beyond the control of the utility, Collus is requesting the OEB reconsider Group 1 disposal once the audit report becomes available. In order to file by the November 6th, 2017 deadline, the Group 1 disposition was removed, but these amounts are currently over the threshold.

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

- 3 • Z-factor claims
- 4 • Advanced Capital Module
- 5 • Incremental Capital Module
- 6 • Eligible Investments

1 **Applicant Contact Information**

2 The primary contact for this Application is:

3 **Mr. Tim Hesselink**
4 Regulatory Manager
5 Collus PowerStream Corp.

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@collus.com

13 The secondary contact for this Application is:

14 **Ms. Cindy Shuttleworth**
15 Chief Financial Officer
16 Collus PowerStream Corp.

17 Address for personal service and mailing address:

18 43 Stewart Road
19 Collingwood, ON
20 L9Y 4M7

21 Telephone: 705-445-1800 ext. 2270

22 Facsimile: 705-445-8267

23 E-mail: cshuttleworth@collus.com

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25
26 DATED AT COLLINGWOOD, ONTARIO THIS 6th DAY OF November, 2017
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Collus PowerStream Corp.

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Cindy Shuttleworth, BAccS, CPA, CGA
Chief Financial Officer

2. Summary of Application

Collus' current rates, effective May 1, 2017, were approved by the Board in its Decision dated March 30, 2017 on Collus' 2017 4th GIRM Application (EB-2016-0064).

Collus is submitting a 4th GIRM Application for rates effective May 1, 2018.

Collus 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, 2018;
2. A rate rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA);
3. 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;
4. Updated Retail Transmission Service rates effective May 1, 2018; and
5. An order declaring Collus' current (i.e. 2017) rates as interim rates effective May 1, 2018, and a rider that would allow for the recovery of any foregone incremental revenue between May 1, 2018 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, 2018.

1 **3. Price Cap Adjustment**

2 The rates and tariffs entered in the Rate Generator Model are taken from the Board-
3 approved 2017 Tariff of Rates and Charges, as per the Board Rate Order (EB-2016-0064)
4 dated March 30, 2017 and attached to this Application as Appendix E.

5 Collus has the following rate classes:

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

11 Since rebasing took place in 2013, Collus has one significant industrial customer who has
12 now exceeded the General Service 50 to 4,999 kW consumption. An updated rate class
13 will be included in the next Cost of Service, expected to be filed in August 2018. For the
14 purposes of this application, this customer has been included in the General Service 50
15 to 4,999 kW class.

16 The Price Cap index of 1.75% is calculated in the Board's Rate Generator model, based
17 on the preliminary 4th GIRM parameters. This is determined using an inflation factor of
18 1.90%, a productivity factor of 0.00%, and a stretch factor of 0.15% (Cohort II) based on
19 the updated benchmarking study for use for rates effective in 2018.

20

1 **4. Tax Changes**

2 The Board's 4th GIRM Supplemental Report determined that a 50/50 sharing of the impact
3 of currently known legislated tax changes, as applied to the tax level reflected in the Board-
4 approved base rates for a distributor, is appropriate. The tax costs to be shared in 2018
5 are related to the income tax rate changes as shown on Schedule 8 – "*STS-Tax Change*"
6 in the 2018 IRM Model.

7 At the time of filing this Application the legislated tax rates for 2018 are changed from the
8 tax rates which underpin the current distribution rates with respect to the availability of the
9 Small Business Deduction which increases the tax rate. The additional tax cost is \$65,617
10 as calculated by the Board's rate model. Under the Board's guidelines any tax savings or
11 cost is shared 50% - 50% with ratepayers resulting in an amount of \$32,809 to be
12 recovered from customers through the following the tax change rate riders:

- 13 • \$0.11 per customer for Residential
- 14 • \$0.0001 per kWh for General Service less than 50 kW
- 15 • \$0.0191 per kW for General Service greater than 50kW
- 16 • \$0.0001 per kWh for Unmetered Scattered Load
- 17 • \$0.1906 per kW for Street lighting

18 Collus recognizes that should further legislated tax changes for 2018 occur during the
19 course of this proceeding, the tax change calculation may be updated and rate riders
20 updated as part of the draft Rate Order process.

21

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.

Collus 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.

The previous COS application was filed for 2009 rates and there was no load reduction with respect to the new CDM targets assigned to distributors for the 2011 to 2014 time period.

As the 2011 and 2012 rates do not contain any adjustment for these programs, the entire amount of the OPA reported savings represents the variance between CDM in rates and actual CDM results.

Collus has calculated the LRAMVA for 2011-2015 based on the Board’s guidance. The amounts booked are summarized in Table 5.1 below.

Table 5.1: LRAMVA Amounts as at December 31, 2015

ACTUAL						
Rate Class	2011	2012	2013	2014	2015	Total Principal
Residential	\$ 4,442.57	\$ 7,435.65	\$ 10,996.41	\$ 24,797.07	\$ 34,851.61	\$ 82,523.31
GS <50	2,946.01	10,111.61	20,113.39	37,923.16	45,495.14	116,589.31
GS >50	1,511.14	7,115.10	10,814.31	15,665.62	20,028.37	55,134.54
Streetlights	-	-	-	-	-	-
USL	-	-	-	-	-	-
	\$ 8,899.72	\$ 24,662.35	\$ 41,924.11	\$ 78,385.85	\$ 100,375.12	\$ 254,247.16

FORECAST						
Rate Class	2011	2012	2013	2014	2015	Total Principal
Residential	\$ -	\$ -	\$ 23,537.55	\$ 26,496.56	\$ 26,631.06	\$ 76,665.17
GS <50	-	-	6,408.40	7,277.34	7,277.34	20,963.08
GS >50	-	-	29,190.52	33,258.31	33,670.21	96,119.04
Streetlights	-	-	2,726.97	2,846.25	2,884.20	8,457.42
USL	-	-	66.51	41.69	54.33	162.53
	\$ -	\$ -	\$ 61,863.44	\$ 69,878.46	\$ 70,462.81	\$ 202,204.71

DIFFERENCE									
Rate Class	2011	2012	2013	2014	2015	Total Principal	Carrying Charges	Total	
Residential	\$ 4,442.57	\$ 7,435.65	\$ (12,541.14)	\$ (1,699.49)	\$ 8,220.55	\$ 5,858.14	\$ 392.19	\$ 6,250.33	
GS <50	2,946.01	10,111.61	\$ 13,704.99	\$ 30,645.82	\$ 38,217.80	95,626.23	4,573.21	100,199.44	
GS >50	1,511.14	7,115.10	\$ (18,376.21)	\$ (17,592.69)	\$ (13,641.84)	(40,984.50)	(1,721.98)	(42,706.49)	
Streetlights	-	-	\$ (2,726.97)	\$ (2,846.25)	\$ (2,884.20)	(8,457.42)	(395.67)	(8,853.09)	
USL	-	-	\$ (66.51)	\$ (41.69)	\$ (54.33)	(162.53)	(7.83)	(170.36)	
	\$ 8,899.72	\$ 24,662.35	\$ (20,005.84)	\$ 8,465.70	\$ 29,857.98	\$ 51,879.92	\$ 2,839.92	\$ 54,719.84	

2 The table amounts from 2011 to 2015 have been updated to the IESO's Final Verified
3 Results.

4 The forecast in the original Cost of Service application was calculated on expected savings
5 prorated by class based on consumption. The actual results reveal savings above
6 forecast in the GS<50 class and below forecast in the GS>50 class.

7 Section 13.4 of the CDM Guidelines provides that "At a minimum, distributors must apply
8 for disposition of the balance in the LRAMVA the time of their Cost of Service rate
9 applications. Distributors may apply for the disposition of the balance in the LRAMVA on
10 an annual basis, as part of their Incentive Regulation Mechanism rate applications, if the
11 balance is deemed significant by the applicant." Collus is making a request for disposition
12 of the December 31, 2015 ending principal balance of \$51,880 plus carrying charges of
13 \$2,840 as part of this application.

6. Retail Transmission Service Rates

Collus has adjusted its Retail Transmission Service Rates (RTSR) to recover the wholesale transmission costs that it will be charging. Collus used the Board's 2018 RTSR worksheets included in the 2018 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*.

Collus has assumed no change in the wholesale transmission rates that it will be charged for 2018. Collus 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. Collus anticipates that information regarding 2018 wholesale transmission rates will be available and that the RTSR Model will be updated with 2018 wholesale rates at the time of the draft Rate Order filing. All of Collus transmission costs are invoiced from HONI.

Collus has determined the 2016 wholesale quantities billed. The 2016 wholesale quantities and the 2017 approved wholesale rates were used to calculate the estimated wholesale transmission costs for 2017 and for 2018.

Table 6.1: Proposed RTSR Rates

Transmission Rates	Billed at Current Rates	Forecast Wholesale Cost	Change \$	Change %
Network	\$ 1,927,264	\$ 1,927,264	\$ 0	0.00%
Connection	\$ 1,109,466	\$ 1,109,466	\$ 0	0.00%

7. RSVA – Power and RSVA Global Adjustment Special Purpose Audit

On March 30, 2017, Collus PowerStream received a final OEB Decision and Rate Order for Rates effective May 1, 2017 which included a requirement in its next rate application to file the results of a special purpose audit of the balances in its RSVA – Power and RSVA – GA accounts, in compliance with the OEB's instructions as set out in the Decision.

On October 23, 2017 Collus sent a letter to the Board Secretary expressing concerns that the special purpose audit would not be completed on time for the November 6, 2017 IRM filing deadline despite the infield audit work taking place in mid-July 2017. An extension to the November 6, 2017 deadline was requested but as of yet, no response has been received.

Therefore, in order to meet the filing deadline and ensure rates effective May 1, 2018, Collus has removed the Group 1 disposal until the special purpose audit report is complete.

Collus is aware that there will be auditor reallocations of balances between the RSVA – Power and RSVA – Global Adjustment balances which will off-set the balances significantly. This should reduce much of the large GA balance that is only applicable to non-regulated price plan customers.

Once the audit report is received and management has reviewed it will be submitted promptly as part of this application along with the GA Analysis Work Forms.

8. Deferral and Variance Accounts

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

Collus has entered the data for the Group 1 Accounts into the appropriate schedules of the IRM Rate Generator model (Appendix C). Table 7.1 below summarizes the Group 1 Account balances as at December 31, 2016, as per the model.

**Table 7.1: Summary of the Group 1 Account Balances
at December 31, 2016**

Description	Account	Amount
LV Variance Account	1550	1,173,941
Smart Metering Entity Charge Variance Account	1551	(17,822)
RSVA - Wholesale Market Service Charge ⁵	1580	(1,168,781)
Variance WMS – Sub-account CBR Class A ⁵	1580	-
Variance WMS – Sub-account CBR Class B ⁵	1580	67,847
RSVA - Retail Transmission Network Charge	1584	58,070
RSVA - Retail Transmission Connection Charge	1586	157,300
RSVA - Power ⁴	1588	(5,899,482)
RSVA - Global Adjustment ⁴	1589	5,901,332
Disposition and Rec/Ref of Reg Balances (2009)	1595	-
Disposition and Rec/Ref of Reg Balances (2010)	1595	50,477
Disposition and Rec/Ref of Reg Balances (2011)	1595	-
Disposition and Rec/Ref of Reg Balances (2012)	1595	(12,075)
Disposition and Rec/Ref of Reg Balances (2013)	1595	99,819
Disposition and Rec/Ref of Reg Balances (2014)	1595	-
Disposition and Rec/Ref of Reg Balances (2015)	1595	<u>159,549</u>
Total Group 1 Balance		570,173
LRAM Variance Account	1568	<u>103,540</u>
Total including Account 1568		673,712
Threshold Test (Total claim per kWh)		\$0.0019

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, Collus had planned disposition of the Group 1 balances.
3 However, since the special purpose audit has not yet been completed, as identified above,
4 Collus has not included the disposition of the Group 1 accounts at this time. Collus
5 anticipates updating the relief sought in this Application to include the Group 1 disposition,
6 once it has the final audit report.

7 Collus has reviewed and can confirm that the prepopulated billing determinants are
8 correct.

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

8. Global Adjustment (“GA”)

Collus 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.

Collus 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 Collus receives the IESO invoice on the tenth business day of the month, the actual GA charged to Collus 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.

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

1 Adjustment” based on a comprehensive excel work form which summarizes all the above
2 noted consumption data. The split allocates the GA charged by the IESO to the RPP and
3 Non-RPP customers as follows, using A and B as defined on the previous page.

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

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

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

8 Collus bills its customers on a cycle basis. Collus has the following billing cycles;

9 • Residential, General Service Less than 50 kW and Unmetered Scattered Load,
10 the cycles below are billed on a non-calendar monthly basis

11 ○ 4 cycles for Collingwood, 1 cycle billed each week

12 ○ 1 cycle for Stayner, billed every four weeks in conjunction with one
13 Collingwood cycle

14 ○ 1 cycle for Creemore, billed every four weeks in conjunction with one
15 Collingwood cycle

16 ○ 1 cycle for Thornbury, billed every four weeks in conjunction with one
17 Collingwood cycle

18 • General Service greater than 50 kW and Streetlighting

19 ○ 1 cycle billed on a calendar month

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

23 For billing purposes, Collus uses the following GA calculation for non-RPP customers;

24 • Residential and General Service less than 50 kW are billed a weighted average
25 GA of the 1st monthly GA estimate based on the number of days in each month of
26 the billing cycle

27 • General Service greater than 50 kW are billed the 1st monthly GA estimate

1 Collus 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, Collus 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 Collus completes the IESO's Embedded Generation Information submission, which
17 provides the total kWh generated as well as the total billed to Class A customers. Prior to
18 July 1, 2015 Collus did not have any registered Class A GA customers. Beginning July 1,
19 2015 Collus registered one Class A GA customer with the IESO.

20

21

9. Rate Change Summary and Bill Impacts

Appendix A shows the proposed Tariff of Rates and Charges, incorporating the effect of the 2017 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 Collus will be transitioning its residential fixed and variable distribution rates to a fully fixed distribution rate over a four year period, completing the transition with rates effective May 1, 2019. After the first year of the renewed rate design, the split between fixed and variable was 56.9% and 43.1%. This transition continued in 2017 adjusting to an average split of 71.2% fixed and 28.8% variable. With the proposed rates effective May 1, 2018 the fixed and variable split is now 85.6% and 14.4% respectively. Per section 3.2.3 of the *Filing Requirements for Electricity Distribution Rates Applications – 2017 Edition for 2018 Rate Applications*, Collus has calculated the impact of the above change on its 10th percentile customers. Collus extracted its billing data for all customers who had 12 months of consumption in 2016. From the data set Collus calculated the 10th percentile customers. The 10th percentile was calculated to be those customers with monthly consumption of 245 kWh or less. When the bill impact on these customers was calculated, their total bill impact was an increase of \$2.93 or 5.9% which is below OEB's threshold of 10%. As a result, no mitigation plan is required.

Table 9.1: Summary of the Average Monthly Consumption per Percentile Grouping

Avg. Monthly Consumption (kWh)	Percentile
245	10
339	20
422	30
494	40
575	50
663	60
765	70
905	80
1,132	90
3,872	100

1 Bill Impacts for Collus:

2 • A typical Residential customer using 750 kWh per month will see an increase of
3 \$0.45 or 1.1% in the Delivery line and an increase of \$0.47 or 0.4% on the total
4 monthly bill.

5 • A typical General Service less than 50 kW demand customer using 2,000 kWh per
6 month will see an increase of \$5.77 or 6.9% in the Delivery line and an increase of
7 \$6.06 or 2.1% on the total monthly bill.

8 The typical bill impacts calculated for other classes range from an increase of 0.1% for
9 General Service greater than 50 kW, an increase of 0.1% for Unmetered Scattered Load
10 and an increase of 1.6% for Street Lighting on the total monthly bill.

11

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

RATE CLASSES / CATEGORIES	Units	Total	
		\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$0.47	0.4%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	6.06	2.1%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$11.62	0.1%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	\$0.03	0.1%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$66.97	1.6%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$0.51	0.4%
RESIDENTIAL SERVICE CLASSIFICATION – RPP 10 th Percentile	kWh	\$2.93	5.9%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	6.52	1.7%

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Appendix A

Proposed 2018 Tariff Sheet

Board File Number EB-2017-0034

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)	\$	21.56
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
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 Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	\$/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)	\$	21.38
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0141
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	\$/kWh	0.0022
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 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)	\$	102.13
Distribution Volumetric Rate	\$/kW	3.3398
Low Voltage Service Rate	\$/kW	0.5215
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	\$/kW	(0.1338)
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	0.0122
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	\$/kWh	(0.0004)
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
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STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to 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)	\$	3.73
Distribution Volumetric Rate	\$/kW	15.5757
Low Voltage Service Rate	\$/kW	0.4031
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	\$/kW	(1.5199)
Rate Rider for Application of Tax Change (2018) - effective until April 30, 2019	\$/kW	0.1906
Retail Transmission Rate - Network Service Rate	\$/kW	1.8284
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0572

MONTHLY RATES AND CHARGES - Regulatory Component

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

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

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

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

ALLOWANCES

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

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EB-2017-0034

SPECIFIC SERVICE CHARGES

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

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

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Customer Administration

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

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	20.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect at Meter - during regular hours	\$	40.00
Disconnect/Reconnect at Meter - after regular hours	\$	185.00
Disconnect/Reconnect at Pole - during regular hours	\$	185.00
Disconnect/Reconnect at Pole - after regular hours	\$	415.00

Other

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

Collus PowerStream Corp.
TARIFF OF RATES AND CHARGES
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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

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

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-2017-0034

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

[illegible]

Table 2

[illegible]

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
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	\$ 17.63	1	\$ 17.63	\$ 21.56	1	\$ 21.56	\$ 3.93	22.29%
Distribution Volumetric Rate	\$ 0.0103	750	\$ 7.73	\$ 0.0053	750	\$ 3.98	\$ (3.75)	-48.54%
Fixed Rate Riders	\$ 0.12	1	\$ 0.12	\$ 0.11	1	\$ 0.11	\$ (0.01)	-8.33%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0001	750	\$ 0.04	\$ 0.04	
Sub-Total A (excluding pass through)			\$ 25.48			\$ 25.68	\$ 0.21	0.82%
Line Losses on Cost of Power	\$ 0.0822	53	\$ 4.38	\$ 0.0822	53	\$ 4.38	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0016	750	\$ 1.20	\$ 0.0016	750	\$ 1.20	\$ -	0.00%
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 31.84			\$ 32.05	\$ 0.21	0.66%
RTSR - Network	\$ 0.0065	803	\$ 5.22	\$ 0.0067	803	\$ 5.38	\$ 0.16	3.08%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0039	803	\$ 3.13	\$ 0.0040	803	\$ 3.21	\$ 0.08	2.56%
Sub-Total C - Delivery (including Sub-Total B)			\$ 40.19			\$ 40.64	\$ 0.45	1.12%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	803	\$ 2.89	\$ 0.0036	803	\$ 2.89	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	803	\$ 0.24	\$ 0.0003	803	\$ 0.24	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	128	\$ 12.11	\$ 0.0950	128	\$ 12.11	\$ -	0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 105.20			\$ 105.65	\$ 0.45	0.43%
HST	13%		\$ 13.68	13%		\$ 13.73	\$ 0.06	0.43%
8% Rebate	8%		\$ (8.42)	8%		\$ (8.45)	\$ (0.04)	
Total Bill on TOU			\$ 110.46			\$ 110.93	\$ 0.47	0.43%

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	\$ 21.01	1	\$ 21.01	\$ 21.38	1	\$ 21.38	\$ 0.37	1.76%
Distribution Volumetric Rate	\$ 0.0139	2000	\$ 27.80	\$ 0.0141	2000	\$ 28.20	\$ 0.40	1.44%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0001	2000	\$ 0.20	\$ 0.0023	2000	\$ 4.56	\$ 4.36	2180.11%
Sub-Total A (excluding pass through)			\$ 49.01			\$ 54.14	\$ 5.13	10.47%
Line Losses on Cost of Power	\$ 0.0822	142	\$ 11.67	\$ 0.0822	142	\$ 11.67	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
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) and/or any fixed (\$) Deferral/Variance	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 64.27			\$ 69.40	\$ 5.13	7.98%
RTSR - Network	\$ 0.0059	2,142	\$ 12.64	\$ 0.0061	2,142	\$ 13.07	\$ 0.43	3.39%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0031	2,142	\$ 6.64	\$ 0.0032	2,142	\$ 6.85	\$ 0.21	3.23%
Sub-Total C - Delivery (including Sub-Total B)			\$ 83.54			\$ 89.32	\$ 5.77	6.91%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,142	\$ 7.71	\$ 0.0036	2,142	\$ 7.71	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,142	\$ 0.64	\$ 0.0003	2,142	\$ 0.64	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	340	\$ 32.30	\$ 0.0950	340	\$ 32.30	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 270.47			\$ 276.24	\$ 5.77	2.13%
HST		13%	\$ 35.16		13%	\$ 35.91	\$ 0.75	2.13%
8% Rebate		8%	\$ (21.64)		8%	\$ (22.10)	\$ (0.46)	
Total Bill on TOU			\$ 283.99			\$ 290.05	\$ 6.06	2.13%

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	\$ 100.37	1	\$ 100.37	\$ 102.13	1	\$ 102.13	\$ 1.76	1.75%
Distribution Volumetric Rate	\$ 3.2824	250	\$ 820.60	\$ 3.3398	250	\$ 834.95	\$ 14.35	1.75%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0201	250	\$ 5.03	\$ 0.1147	250	\$ (28.67)	\$ (33.70)	-670.60%
Sub-Total A (excluding pass through)			\$ 926.00			\$ 908.41	\$ (17.59)	-1.90%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	
GA Rate Riders	\$ -	86,000	\$ -	\$ -	86,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.5215	250	\$ 130.38	\$ 0.5215	250	\$ 130.38	\$ -	0.00%
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		250	\$ -	\$ -	250	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,056.37			\$ 1,038.78	\$ (17.59)	-1.66%
RTSR - Network	\$ 2.3577	250	\$ 589.43	\$ 2.4244	250	\$ 606.10	\$ 16.68	2.83%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3227	250	\$ 330.68	\$ 1.3675	250	\$ 341.88	\$ 11.20	3.39%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,976.47			\$ 1,986.76	\$ 10.29	0.52%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	92,106	\$ 331.58	\$ 0.0036	92,106	\$ 331.58	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	92,106	\$ 27.63	\$ 0.0003	92,106	\$ 27.63	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	86,000	\$ 602.00	\$ 0.0070	86,000	\$ 602.00	\$ -	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			\$ 13,078.80			\$ 13,089.09	\$ 10.29	0.08%
HST	13%		\$ 1,700.24	13%		\$ 1,701.58	\$ 1.34	0.08%
Total Bill on Average IESO Wholesale Market Price			\$ 14,779.05			\$ 14,790.67	\$ 11.62	0.08%

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	\$ 0.50	1	\$ 0.50	\$ 0.51	1	\$ 0.51	\$ 0.01	2.00%
Distribution Volumetric Rate	\$ 0.0120	150	\$ 1.80	\$ 0.0122	150	\$ 1.83	\$ 0.03	1.67%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0001	150	\$ 0.02	\$ 0.0003	150	\$ (0.05)	\$ (0.06)	-426.68%
Sub-Total A (excluding pass through)			\$ 2.32			\$ 2.29	\$ (0.02)	-1.04%
Line Losses on Cost of Power	\$ 0.1101	11	\$ 1.17	\$ 0.1101	11	\$ 1.17	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
GA Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0014	150	\$ 0.21	\$ 0.0014	150	\$ 0.21	\$ -	0.00%
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		150	\$ -	\$ -	150	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 3.70			\$ 3.67	\$ (0.02)	-0.65%
RTSR - Network	\$ 0.0059	161	\$ 0.95	\$ 0.0061	161	\$ 0.98	\$ 0.03	3.39%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0031	161	\$ 0.50	\$ 0.0032	161	\$ 0.51	\$ 0.02	3.23%
Sub-Total C - Delivery (including Sub-Total B)			\$ 5.14			\$ 5.17	\$ 0.02	0.47%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	161	\$ 0.58	\$ 0.0036	161	\$ 0.58	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	161	\$ 0.05	\$ 0.0003	161	\$ 0.05	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	150	\$ 1.05	\$ 0.0070	150	\$ 1.05	\$ -	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			\$ 23.58			\$ 23.61	\$ 0.02	0.10%
HST	13%		\$ 3.07	13%		\$ 3.07	\$ 0.00	0.10%
Total Bill on Average IESO Wholesale Market Price			\$ 26.65			\$ 26.68	\$ 0.03	0.10%

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	\$ 3.67	1007	\$ 3,695.69	\$ 3.73	1007	\$ 3,756.11	\$ 60.42	1.63%
Distribution Volumetric Rate	\$ 15.3078	1	\$ 15.31	\$ 15.5757	1	\$ 15.58	\$ 0.27	1.75%
Fixed Rate Riders	\$ -	1007	\$ -	\$ -	1007	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.1808	1	\$ 0.18	\$ 1.3293	1	\$ (1.33)	\$ (1.51)	-835.25%
Sub-Total A (excluding pass through)			\$ 3,711.18			\$ 3,770.36	\$ 59.18	1.59%
Line Losses on Cost of Power	\$ 0.1101	20	\$ 2.19	\$ 0.1101	20	\$ 2.19	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
GA Rate Riders	\$ -	280	\$ -	\$ -	280	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.4031	1	\$ 0.40	\$ 0.4031	1	\$ 0.40	\$ -	0.00%
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 3,713.77			\$ 3,772.95	\$ 59.18	1.59%
RTSR - Network	\$ 1.7781	1	\$ 1.78	\$ 1.8284	1	\$ 1.83	\$ 0.05	2.83%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.0226	1	\$ 1.02	\$ 1.0572	1	\$ 1.06	\$ 0.03	3.38%
Sub-Total C - Delivery (including Sub-Total B)			\$ 3,716.57			\$ 3,775.83	\$ 59.26	1.59%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	300	\$ 1.08	\$ 0.0036	300	\$ 1.08	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	300	\$ 0.09	\$ 0.0003	300	\$ 0.09	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	280	\$ 1.96	\$ 0.0070	280	\$ 1.96	\$ -	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			\$ 3,750.78			\$ 3,810.04	\$ 59.26	1.58%
HST	13%		\$ 487.60	13%		\$ 495.31	\$ 7.70	1.58%
Total Bill on Average IESO Wholesale Market Price			\$ 4,238.38			\$ 4,305.35	\$ 66.97	1.58%

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	\$ 17.63	1	\$ 17.63	\$ 21.56	1	\$ 21.56	\$ 3.93	22.29%
Distribution Volumetric Rate	\$ 0.0103	750	\$ 7.73	\$ 0.0053	750	\$ 3.98	\$ (3.75)	-48.54%
Fixed Rate Riders	\$ 0.12	1	\$ 0.12	\$ 0.11	1	\$ 0.11	\$ (0.01)	-8.33%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0001	750	\$ 0.04	\$ 0.04	
Sub-Total A (excluding pass through)			\$ 25.48			\$ 25.68	\$ 0.21	0.82%
Line Losses on Cost of Power	\$ 0.1101	53	\$ 5.86	\$ 0.1101	53	\$ 5.86	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0016	750	\$ 1.20	\$ 0.0016	750	\$ 1.20	\$ -	0.00%
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 33.33			\$ 33.54	\$ 0.21	0.63%
RTSR - Network	\$ 0.0065	803	\$ 5.22	\$ 0.0067	803	\$ 5.38	\$ 0.16	3.08%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0039	803	\$ 3.13	\$ 0.0040	803	\$ 3.21	\$ 0.08	2.56%
Sub-Total C - Delivery (including Sub-Total B)			\$ 41.68			\$ 42.13	\$ 0.45	1.08%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	803	\$ 2.89	\$ 0.0036	803	\$ 2.89	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	803	\$ 0.24	\$ 0.0003	803	\$ 0.24	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 127.39			\$ 127.84	\$ 0.45	0.35%
HST	13%		\$ 16.56	13%		\$ 16.62	\$ 0.06	0.35%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 143.95			\$ 144.46	\$ 0.51	0.35%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	245	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	\$ 17.63	1	\$ 17.63	\$ 21.56	1	\$ 21.56	\$ 3.93	22.29%
Distribution Volumetric Rate	\$ 0.0103	245	\$ 2.52	\$ 0.0053	245	\$ 1.30	\$ (1.23)	-48.54%
Fixed Rate Riders	\$ 0.12	1	\$ 0.12	\$ 0.11	1	\$ 0.11	\$ (0.01)	-8.33%
Volumetric Rate Riders	\$ -	245	\$ -	\$ 0.0001	245	\$ 0.01	\$ 0.01	
Sub-Total A (excluding pass through)			\$ 20.27			\$ 22.98	\$ 2.71	13.36%
Line Losses on Cost of Power	\$ 0.0822	17	\$ 1.43	\$ 0.0822	17	\$ 1.43	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	245	\$ -	\$ -	245	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	245	\$ -	\$ -	245	\$ -	\$ -	
GA Rate Riders	\$ -	245	\$ -	\$ -	245	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0016	245	\$ 0.39	\$ 0.0016	245	\$ 0.39	\$ -	0.00%
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		245	\$ -	\$ -	245	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 22.88			\$ 25.59	\$ 2.71	11.83%
RTSR - Network	\$ 0.0065	262	\$ 1.71	\$ 0.0067	262	\$ 1.76	\$ 0.05	3.08%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0039	262	\$ 1.02	\$ 0.0040	262	\$ 1.05	\$ 0.03	2.56%
Sub-Total C - Delivery (including Sub-Total B)			\$ 25.61			\$ 28.40	\$ 2.79	10.88%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	262	\$ 0.94	\$ 0.0036	262	\$ 0.94	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	262	\$ 0.08	\$ 0.0003	262	\$ 0.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
TOU - Off Peak	\$ 0.0650	159	\$ 10.35	\$ 0.0650	159	\$ 10.35	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	42	\$ 3.96	\$ 0.0950	42	\$ 3.96	\$ -	0.00%
TOU - On Peak	\$ 0.1320	44	\$ 5.82	\$ 0.1320	44	\$ 5.82	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 47.02			\$ 49.80	\$ 2.79	5.93%
HST	13%		\$ 6.11	13%		\$ 6.47	\$ 0.36	5.93%
8% Rebate	8%		\$ (3.76)	8%		\$ (3.98)	\$ (0.22)	
Total Bill on TOU			\$ 49.37			\$ 52.29	\$ 2.93	5.93%

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	\$ 21.01	1	\$ 21.01	\$ 21.38	1	\$ 21.38	\$ 0.37	1.76%
Distribution Volumetric Rate	\$ 0.0139	2000	\$ 27.80	\$ 0.0141	2000	\$ 28.20	\$ 0.40	1.44%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0001	2000	\$ 0.20	\$ 0.0023	2000	\$ 4.56	\$ 4.36	2180.11%
Sub-Total A (excluding pass through)			\$ 49.01			\$ 54.14	\$ 5.13	10.47%
Line Losses on Cost of Power	\$ 0.1101	142	\$ 15.63	\$ 0.1101	142	\$ 15.63	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
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) and/or any fixed (\$) Deferral/Variance	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 68.23			\$ 73.36	\$ 5.13	7.52%
RTSR - Network	\$ 0.0059	2,142	\$ 12.64	\$ 0.0061	2,142	\$ 13.07	\$ 0.43	3.39%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0031	2,142	\$ 6.64	\$ 0.0032	2,142	\$ 6.85	\$ 0.21	3.23%
Sub-Total C - Delivery (including Sub-Total B)			\$ 87.51			\$ 93.29	\$ 5.77	6.60%
Wholesale Market Service Charge (WMS)	\$ 0.0036	2,142	\$ 7.71	\$ 0.0036	2,142	\$ 7.71	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,142	\$ 0.64	\$ 0.0003	2,142	\$ 0.64	\$ -	0.00%
Standard Supply Service Charge	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$ -	0.00%
Non-RPP Retailer Avg. Price								
Total Bill on Non-RPP Avg. Price			\$ 330.07			\$ 335.84	\$ 5.77	1.75%
HST	13%		\$ 42.91	13%		\$ 43.66	\$ 0.75	1.75%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 372.97			\$ 379.50	\$ 6.52	1.75%

Appendix C

IRM Rate Generator

Board File Number EB-2017-0034



Incentive Regulation Model for 2018 Filers

Quick Link

Ontario Energy Board's 2018 Electricity
Distribution Rates Webpage

Version 1.1

Utility Name Collus PowerStream Corp.

Assigned EB Number EB-2017-0034

Name of Contact and Title Tim Hesselink, Regulatory Manager

Phone Number 705-445-1800 ext 2274

Email Address thesselink@collus.com


We are applying for rates effective Tuesday, May 1, 2018

Rate-Setting Method Price Cap IR

Please indicate in which Rate Year the
Group 1 accounts were last cleared¹ 2015

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

Legend

 Pale green cells represent input cells.

		2011												
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2011	Transactions Debit / (Credit) during 2011	OEB-Approved Disposition during 2011	Principal Adjustments ¹ during 2011	Closing Principal Balance as of Dec 31, 2011	Opening Interest Amounts as of Jan 1, 2011	Interest Jan 1 to Dec 31, 2011	OEB-Approved Disposition during 2011	Interest Adjustments ¹ during 2011	Closing Interest Amounts as of Dec 31, 2011	Opening Principal Amounts as of Jan 1, 2012	Transactions Debit / (Credit) during 2012	OEB-Approved Disposition during 2012
Group 1 Accounts														
LV Variance Account	1550	(96,439)	165,144			68,705	5,775	(1,247)			4,528	68,705	143,038	(96,439)
Smart Metering Entity Charge Variance Account	1551	0				0	0				0	0		
RSVA - Wholesale Market Service Charge ⁵	1580	(540,698)	(477,597)			(1,018,295)	(10,703)	(11,612)			(22,316)	(1,018,295)	(614,023)	(540,698)
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0	0		
Variance WMS – Sub-account CBR Class B ⁵	1580	0				0	0				0	0		
RSVA - Retail Transmission Network Charge	1584	(92,224)	(1,152)			(93,377)	(9,693)	(3,182)			(12,875)	(93,377)	(109)	(92,224)
RSVA - Retail Transmission Connection Charge	1586	(42,659)	(24,816)			(67,475)	(12,379)	(1,886)			(14,266)	(67,475)	24,395	(42,658)
RSVA - Power ⁴	1588	(726,693)	138,154			(588,539)	(3,160)	(14,270)			(17,430)	(588,539)	376,230	(726,694)
RSVA - Global Adjustment ⁴	1589	547,484	559,826			1,107,310	19,942	11,480			31,422	1,107,310	(121,867)	547,484
Disposition and Recovery/Refund of Regulatory Balances (2009) ³	1595	(86,186)	6,527			(79,658)	(25,034)	(174)			(25,208)	(79,658)		
Disposition and Recovery/Refund of Regulatory Balances (2010) ³	1595	(2,238,711)	875,073			(1,363,638)	(210,658)	(27,632)			(238,289)	(1,363,638)	665,843	
Disposition and Recovery/Refund of Regulatory Balances (2011) ³	1595	0				0	0				0	0		
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0				0	0				0	0	384,967	1,275,993
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0				0	0				0	0		
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0				0	0				0	0		
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0	0		
Disposition and Recovery/Refund of Regulatory Balances (2016) 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		
RSVA - Global Adjustment	1589	547,484	559,826	0	0	1,107,310	19,942	11,480	0	0	31,422	1,107,310	(121,867)	547,484
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(3,823,610)	681,332	0	0	(3,142,277)	(265,852)	(60,004)	0	0	(325,856)	(3,142,277)	980,341	(222,720)
Total Group 1 Balance		(3,276,126)	1,241,159	0	0	(2,034,967)	(245,910)	(48,524)	0	0	(294,434)	(2,034,967)	858,474	324,764
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568													
Total including Account 1568		(3,276,126)	1,241,159	0	0	(2,034,967)	(245,910)	(48,524)	0	0	(294,434)	(2,034,967)	858,474	324,764

2014							2015													
Principal Adjustments¹ during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments¹ 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 Adjustments¹ 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 Adjustments¹ during 2015	Closing Interest Amounts as of Dec 31, 2015	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit / (Credit) during 2016	OEB-Approved Disposition during 2016	
	662,535	4,982	7,908			12,890	662,535	379,638	442,165		600,008	12,890	6,262	13,649		5,503	600,008	558,984		
	181	119	67			186	181	(4,409)	7,703		(11,931)	186	(63)	270		(147)	(11,931)	(5,593)		
	(1,550,114)	(22,547)	(16,654)			(39,201)	(1,550,114)	(331,468)	(1,055,459)		(826,123)	(39,201)	(13,560)	(43,234)		(9,527)	(826,123)	(322,067)		
	0	0				0	0	4,884			4,884	0	12			12	4,884	(4,884)		
	0	0				0	0	71,772			71,772	0	237			237	71,772	(4,926)		
	219,880	814	2,745			3,559	219,880	21,167	255,880		(14,833)	3,559	1,097	5,829		(1,173)	(14,833)	74,131		
	85,824	343	912			1,255	85,824	83,231	97,297		71,757	1,255	713	2,250		(282)	71,757	84,556		
	259,526	(6,034)	(1,920)			(7,954)	259,526	(2,431,578)	755,462		(2,927,514)	(7,954)	(16,996)	8,773		(33,723)	(2,927,514)	(2,889,547)		
	1,369,878	10,929	14,028			24,957	1,369,878	2,075,699	647,049		2,798,528	24,957	21,275	23,612		22,619	2,798,528	3,032,581		
	(0)	(0)				(0)	(0)				(0)	(0)				(0)	(0)	0		
	307,805	(259,066)	3,799			(255,267)	307,805	0			307,805	(255,267)	3,667			(251,601)	307,805	(259,066)		
	0	0				0	0				0	0				0	0	0		
	6,370	(18,051)	(555)			(18,606)	6,370	0			6,370	(18,606)	84			(18,522)	6,370	0		
	126,199	517	(10,669)			(10,152)	126,199	(18,752)			107,447	(10,152)	1,342			(8,810)	107,447	0		
	0	0				0	0				0	0				0	0	0		
	0	0				0	0	(652,682)	(1,150,097)		497,415	0	5,623	(11,149)		16,772	497,415	(356,915)		
	0	0				0	0				0	0				0	0			
0	1,369,878	10,929	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	0	
0	118,204	(298,923)	(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)	0	
0	1,488,082	(287,994)	(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	
	24,405	0				0	24,405	28,325			52,730	0				0	52,730	50,810	0	
0	1,512,486	(287,994)	(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)	0	

2016							2017				Projected Interest on Dec-31-16 Balances				2.1.7 RRR	
Principal Adjustments¹ 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 Adjustments¹ during 2016	Closing Interest Amounts as of Dec 31, 2016	Principal Disposition during 2017 - instructed by OEB	Interest Disposition during 2017 - instructed by OEB	Closing Principal Balances as of Dec 31, 2016 Adjusted for Dispositions during 2017	Closing Interest Balances as of Dec 31, 2016 Adjusted for Disposition in 2017	Projected Interest from Jan 1, 2017 to December 31, 2017 on Dec 31, 2016 balance adjusted for disposition during 2017 ²	Projected Interest from January 1, 2018 to April 30, 2018 on Dec 31, 2016 balance adjusted for disposition during 2017 ²	Total Interest	Total Claim	As of Dec 31, 2016	Variance RRR vs. 2016 Balance (Principal + Interest)
	1,158,992	5,503	9,446			14,949			1,158,992	14,949			14,949	1,173,941	1,173,941	(1)
	(17,523)	(147)	(152)			(299)			(17,523)	(299)			(299)	(17,822)	(17,822)	(0)
	(1,148,190)	(9,527)	(11,064)			(20,591)			(1,148,190)	(20,591)			(20,591)	(1,168,781)	(1,100,933)	67,848
	0	12	(12)			0			0	0			0	0	0	0
	66,846	237	765			1,002			66,846	1,002			1,002	67,847	67,847	(0)
	59,298	(1,173)	(55)			(1,228)			59,298	(1,228)			(1,228)	58,070	58,070	0
	156,313	(282)	1,267			986			156,313	986			986	157,299	157,300	1
	(5,817,062)	(33,723)	(48,698)			(82,421)			(5,817,062)	(82,421)			(82,421)	(5,899,482)	(5,899,482)	(0)
	5,831,109	22,619	47,604			70,223			5,831,109	70,223			70,223	5,901,332	5,901,332	1
	(0)	(0)	0			(0)			(0)	(0)			(0) <input type="checkbox"/> Check to Dispose of Account	0	0	1
	48,738	(251,601)	253,339			1,738			48,738	1,738			1,738 <input type="checkbox"/> Check to Dispose of Account	0	50,477	0
	0	0	0			0			0	0			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0
	6,370	(18,522)	76			(18,445)			6,370	(18,445)			(18,445) <input type="checkbox"/> Check to Dispose of Account	0	(12,075)	(0)
	107,447	(8,810)	1,182			(7,628)			107,447	(7,628)			(7,628) <input type="checkbox"/> Check to Dispose of Account	0	99,819	0
	0	0	0			0			0	0			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0
	140,500	16,772	2,277			19,049			140,500	19,049			19,049 <input type="checkbox"/> Check to Dispose of Account	0	159,549	0
	0	0				0			0	0			<input type="checkbox"/> Check to Dispose of Account	0	0	0
0	5,831,109	22,619	47,604	0	0	70,223	0	0	5,831,109	70,223	0	0	70,223	5,901,332	5,901,332	1
0	(5,238,272)	(301,260)	208,372	0	0	(92,888)	0	0	(5,238,272)	(92,888)	0	0	(92,888)	(5,628,928)	(5,331,159)	1
0	592,837	(278,641)	255,975	0	0	(22,665)	0	0	592,837	(22,665)	0	0	(22,665)	272,403	570,173	2
	103,540	0				0			103,540	0			0	103,540	103,540	0
0	696,376	(278,641)	255,975	0	0	(22,665)	0	0	696,376	(22,665)	0	0	(22,665)	375,943	673,713	2

Incentive Regulation Model for 2018 Filers

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

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

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

If a distributor uses the actual GA price to bill non-RPP Class B customers for an ent rate class, it must exclude these customers from the allocation of the GA balance an 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 bala

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

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	117,557,987	0	6,387,183	0	0	0	117,557,987	0	6,250	14,984
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	45,960,686	3,599	9,362,070	2,865	0	0	45,960,686	3,599	100,199	1,753
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kW	132,829,263	319,204	121,086,809	283,115	2,674,680	1854.22998	130,154,583	317,350	-42,706	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	398,421	0	30,420	0	0	0	398,421	0	-170	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,077,761	5,825	2,077,761	5,824	0	0	2,077,761	5,825	-8,853	
Total		298,824,118	328,627	138,944,243	291,803	2,674,680	1,854	296,149,439	326,773	54,720	16,737

Threshold Test

Total Claim (including Account 1568)	\$375,943
Total Claim for Threshold Test (All Group 1 Accounts)	\$272,403
Threshold Test (Total claim per kWh) ²	\$0.0009 Claim does not meet the threshold test.

As per section 3.2.3 of the 2018 filing requirements for electricity Distribution Rate Applications, an applicant may elect to dispose of the Group 1 account balances below the threshold. If doing so, please select YES from the adjacent drop-down cell and also indicate so in the Manager's Summary. If not, please select NO.

NO

1568 Account Balance from Continuity Schedule	103,540
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 2018 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP			allocated based on Total less WMP			
				1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	39.3%	89.5%	39.7%							6,250
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	15.4%	10.5%	15.5%							100,199
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	44.5%	0.0%	43.9%							(42,706)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%							(170)
STREET LIGHTING SERVICE CLASSIFICATION	0.7%	0.0%	0.7%							(8,853)
Total	100.0%	100.0%	100.0%	0	0	0	0	0	0	54,720

** 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 2018 Filers

Input required at cell C13 only. 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

Proposed Rate Rider Recovery Period (in months)

12

Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) ²	Deferral/Variance Account Rate Rider for			Revenue Reconcili
								Deferral/Variance Account Rate Rider ²	Non-WMP (if applicable) ²	Account 1568 Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	117,557,987	0	117,557,987	0	0		0.0000	0.0000	0.0001	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	45,960,686	3,599	45,960,686	3,599	0		0.0000	0.0000	0.0022	
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kW	132,829,263	319,204	130,154,583	317,350	0		0.0000	0.0000	(0.1338)	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	398,421	0	398,421	0	0		0.0000	0.0000	(0.0004)	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,077,761	5,825	2,077,761	5,825	0		0.0000	0.0000	(1.5199)	
											0.00

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 2018 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 2018 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 A	Re-based Billed kWh B	Re-based Billed kW C	Re-based Service Charge D	Re-based Distribution Volumetric Rate kWh E	Re-based Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I	Service Charge % Revenue K = G / J	Distribution Volumetric Rate % Revenue L = H / J	Distribution Volumetric Rate % Revenue M = I / J	Total % Revenue N = J / R
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	117,557,987		20,325	0.11 \$/customer
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	45,960,686	3,599	5,254	0.0001 kWh
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kW	132,829,263	319,204	6,095	0.0191 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	398,421		24	0.0001 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,077,761	5,825	1,110	0.1906 kW
Total		298,824,118	328,627	\$32,809	



Incentive Regulation Model for 2018 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	0.0065	117,557,987	0	1.0710	125,904,605
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039	117,557,987	0	1.0710	125,904,605
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	45,960,686	3,599	1.0710	49,223,895
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031	45,960,686	3,599	1.0710	49,223,895
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3577	132,829,263	319,204		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3227	132,829,263	319,204		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	398,421	0	1.0710	426,709
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031	398,421	0	1.0710	426,709
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7781	2,077,761	5,825		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0226	2,077,761	5,825		

Incentive Regulation Model for 2018 Filers

Uniform Transmission Rates		Unit		2016		2017		2018	
Rate Description				Rate		Rate		Rate	
Network Service Rate	kW	\$		3.66	\$	3.66	\$	3.66	
Line Connection Service Rate	kW	\$		0.87	\$	0.87	\$	0.87	
Transformation Connection Service Rate	kW	\$		2.02	\$	2.02	\$	2.02	

Hydro One Sub-Transmission Rates		Unit		2016		2017		2018	
Rate Description				Rate		Rate		Rate	
				January - 2016	February - December 2016				
Network Service Rate	kW	\$	3.4121	\$	3.3396	\$	3.1942	\$	3.1942
Line Connection Service Rate	kW	\$	0.7879	\$	0.7791	\$	0.7710	\$	0.7710
Transformation Connection Service Rate	kW	\$	1.8018	\$	1.7713	\$	1.7493	\$	1.7493
Both Line and Transformation Connection Service Rate	kW	\$	2.5897	\$	2.5504	\$	2.5203	\$	2.5203

If needed, add extra host here. (I)		Unit		2016		2017		2018	
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		2016		2017		2018	
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)		Unit		2016		2017		2018	
				Rate		Rate		Rate	
	\$								

		Historical 2016		Current 2017		Forecast 2018	

Incentive Regulation Model for 2018 Filers

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

IESO				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				-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month				Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January				52,609	\$3.41	179,506	4,314	\$0.79	3,399	52,651	\$1.80	94,867	\$ 98,266
February				54,234	\$3.34	181,120	5,231	\$0.78	4,075	59,726	\$1.77	105,792	\$ 109,867
March				51,992	\$3.34	173,632	4,181	\$0.78	3,258	51,992	\$1.77	92,093	\$ 95,351
April				44,699	\$3.34	149,275	3,582	\$0.78	2,790	44,699	\$1.77	79,175	\$ 81,965
May				40,981	\$3.34	136,859	3,199	\$0.78	2,492	45,094	\$1.77	79,874	\$ 82,367
June				51,095	\$3.34	170,638	3,777	\$0.78	2,942	51,095	\$1.77	90,505	\$ 93,447
July				53,652	\$3.34	179,176	4,236	\$0.78	3,300	53,652	\$1.77	95,033	\$ 98,333
August				53,957	\$3.34	180,194	4,222	\$0.78	3,289	53,957	\$1.77	95,574	\$ 98,863
September				52,371	\$3.34	174,897	3,734	\$0.78	2,910	52,371	\$1.77	92,764	\$ 95,673
October				43,892	\$3.34	146,582	3,616	\$0.78	2,818	43,953	\$1.77	77,855	\$ 80,672
November				48,655	\$3.34	162,487	3,538	\$0.78	2,756	48,655	\$1.77	86,182	\$ 88,938
December				55,229	\$3.34	184,442	4,324	\$0.78	3,369	55,256	\$1.77	97,875	\$ 101,244
Total				603,364	\$ 3.3459	2,018,807	47,953	\$ 0.7799	37,398	613,099	\$ 1.7739	1,087,589	\$ 1,124,987

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

Add Extra Host Here (II) (if needed)				Network			Line Connection			Transformation Connection			Total Connection
Month				Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	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				52,609	\$ 3.4121	179,506	4,314	\$ 0.7879	3,399	52,651	\$ 1.8018	94,867	\$ 98,266
February				54,234	\$ 3.3396	181,120	5,231	\$ 0.7791	4,075	59,726	\$ 1.7713	105,792	\$ 109,867
March				51,992	\$ 3.3396	173,632	4,181	\$ 0.7791	3,258	51,992	\$ 1.7713	92,093	\$ 95,351
April				44,699	\$ 3.3396	149,275	3,582	\$ 0.7791	2,790	44,699	\$ 1.7713	79,175	\$ 81,965
May				40,981	\$ 3.3396	136,859	3,199	\$ 0.7791	2,492	45,094	\$ 1.7713	79,874	\$ 82,367
June				51,095	\$ 3.3396	170,638	3,777	\$ 0.7791	2,942	51,095	\$ 1.7713	90,505	\$ 93,447
July				53,652	\$ 3.3396	179,176	4,236	\$ 0.7791	3,300	53,652	\$ 1.7713	95,033	\$ 98,333
August				53,957	\$ 3.3396	180,194	4,222	\$ 0.7791	3,289	53,957	\$ 1.7713	95,574	\$ 98,863
September				52,371	\$ 3.3396	174,897	3,734	\$ 0.7791	2,910	52,371	\$ 1.7713	92,764	\$ 95,673
October				43,892	\$ 3.3396	146,582	3,616	\$ 0.7791	2,818	43,953	\$ 1.7713	77,855	\$ 80,672
November				48,655	\$ 3.3396	162,487	3,538	\$ 0.7791	2,756	48,655	\$ 1.7713	86,182	\$ 88,938
December				55,229	\$ 3.3396	184,442	4,324	\$ 0.7791	3,369	55,256	\$ 1.7713	97,875	\$ 101,244
Total				603,364	\$ 3.35	2,018,807	47,953	\$ 0.78	37,398	613,099	\$ 1.77	1,087,589	\$ 1,124,987

Low Voltage Switchgear Credit (if applicable)												\$ -
Total including deduction for Low Voltage Switchgear Credit												\$ 1,124,987

Incentive Regulation Model for 2018 Filers

The purpose of this sheet is to calculate the expected billing when current 2017 Uniform Transmission Rates are applied against historical 2016 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	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
February	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
March	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
April	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
May	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
June	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
July	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
August	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
September	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
October	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
November	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
December	-	\$ 3,6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -
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	52,609	\$ 3,1942	\$ 168,043	4,314	\$ 0.7710	\$ 3,326	52,651	\$ 1.7493	\$ 92,103	\$ 95,429
February	54,234	\$ 3,1942	\$ 173,234	5,231	\$ 0.7710	\$ 4,033	59,726	\$ 1.7493	\$ 104,478	\$ 108,511
March	51,992	\$ 3,1942	\$ 166,072	4,181	\$ 0.7710	\$ 3,224	51,992	\$ 1.7493	\$ 90,949	\$ 94,173
April	44,699	\$ 3,1942	\$ 142,776	3,582	\$ 0.7710	\$ 2,761	44,699	\$ 1.7493	\$ 78,191	\$ 80,953
May	40,981	\$ 3,1942	\$ 130,901	3,199	\$ 0.7710	\$ 2,467	45,094	\$ 1.7493	\$ 78,882	\$ 81,349
June	51,095	\$ 3,1942	\$ 163,209	3,777	\$ 0.7710	\$ 2,912	51,095	\$ 1.7493	\$ 89,381	\$ 92,293
July	53,652	\$ 3,1942	\$ 171,375	4,236	\$ 0.7710	\$ 3,266	53,652	\$ 1.7493	\$ 93,853	\$ 97,119
August	53,957	\$ 3,1942	\$ 172,349	4,222	\$ 0.7710	\$ 3,255	53,957	\$ 1.7493	\$ 94,387	\$ 97,642
September	52,371	\$ 3,1942	\$ 167,282	3,734	\$ 0.7710	\$ 2,879	52,371	\$ 1.7493	\$ 91,612	\$ 94,491
October	43,892	\$ 3,1942	\$ 140,200	3,616	\$ 0.7710	\$ 2,788	43,953	\$ 1.7493	\$ 76,888	\$ 79,676
November	48,655	\$ 3,1942	\$ 155,412	3,538	\$ 0.7710	\$ 2,728	48,655	\$ 1.7493	\$ 85,111	\$ 87,839
December	55,229	\$ 3,1942	\$ 176,411	4,324	\$ 0.7710	\$ 3,334	55,256	\$ 1.7493	\$ 96,659	\$ 99,993
Total	603,364	\$ 3.19	\$ 1,927,264	47,953	\$ 0.77	\$ 36,972	613,099	\$ 1.75	\$ 1,072,495	\$ 1,109,466

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	52,609	\$ 3,1942	\$ 168,043	4,314	\$ 0.7710	\$ 3,326	52,651	\$ 1.7493	\$ 92,103	\$ 95,429
February	54,234	\$ 3,1942	\$ 173,234	5,231	\$ 0.7710	\$ 4,033	59,726	\$ 1.7493	\$ 104,478	\$ 108,511
March	51,992	\$ 3,1942	\$ 166,072	4,181	\$ 0.7710	\$ 3,224	51,992	\$ 1.7493	\$ 90,949	\$ 94,173
April	44,699	\$ 3,1942	\$ 142,776	3,582	\$ 0.7710	\$ 2,761	44,699	\$ 1.7493	\$ 78,191	\$ 80,953
May	40,981	\$ 3,1942	\$ 130,901	3,199	\$ 0.7710	\$ 2,467	45,094	\$ 1.7493	\$ 78,882	\$ 81,349
June	51,095	\$ 3,1942	\$ 163,209	3,777	\$ 0.7710	\$ 2,912	51,095	\$ 1.7493	\$ 89,381	\$ 92,293
July	53,652	\$ 3,1942	\$ 171,375	4,236	\$ 0.7710	\$ 3,266	53,652	\$ 1.7493	\$ 93,853	\$ 97,119
August	53,957	\$ 3,1942	\$ 172,349	4,222	\$ 0.7710	\$ 3,255	53,957	\$ 1.7493	\$ 94,387	\$ 97,642
September	52,371	\$ 3,1942	\$ 167,282	3,734	\$ 0.7710	\$ 2,879	52,371	\$ 1.7493	\$ 91,612	\$ 94,491
October	43,892	\$ 3,1942	\$ 140,200	3,616	\$ 0.7710	\$ 2,788	43,953	\$ 1.7493	\$ 76,888	\$ 79,676
November	48,655	\$ 3,1942	\$ 155,412	3,538	\$ 0.7710	\$ 2,728	48,655	\$ 1.7493	\$ 85,111	\$ 87,839
December	55,229	\$ 3,1942	\$ 176,411	4,324	\$ 0.7710	\$ 3,334	55,256	\$ 1.7493	\$ 96,659	\$ 99,993
Total	603,364	\$ 3.19	\$ 1,927,264	47,953	\$ 0.77	\$ 36,972	613,099	\$ 1.75	\$ 1,072,495	\$ 1,109,466

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 1,109,466

Incentive Regulation Model for 2018 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2018 Uniform Transmission Rates are applied against historical 2016 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	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
February	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
March	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
April	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
May	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
June	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
July	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
August	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
September	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
October	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
November	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
December	-	\$ 3.6600	\$ -	-	\$ 0.8700	\$ -	-	\$ 2.0200	\$ -	\$ -	\$ -	\$ -	
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	52,609	\$ 3.1942	\$ 168,043	4,314	\$ 0.7710	\$ 3,326	52,651	\$ 1.7493	\$ 92,103	\$	95,429		
February	54,234	\$ 3.1942	\$ 173,234	5,231	\$ 0.7710	\$ 4,033	59,726	\$ 1.7493	\$ 104,478	\$	108,511		
March	51,992	\$ 3.1942	\$ 166,072	4,181	\$ 0.7710	\$ 3,224	51,992	\$ 1.7493	\$ 90,949	\$	94,173		
April	44,699	\$ 3.1942	\$ 142,776	3,582	\$ 0.7710	\$ 2,761	44,699	\$ 1.7493	\$ 78,191	\$	80,953		
May	40,981	\$ 3.1942	\$ 130,901	3,199	\$ 0.7710	\$ 2,467	45,094	\$ 1.7493	\$ 78,882	\$	81,349		
June	51,095	\$ 3.1942	\$ 163,209	3,777	\$ 0.7710	\$ 2,912	51,095	\$ 1.7493	\$ 89,381	\$	92,293		
July	53,652	\$ 3.1942	\$ 171,375	4,236	\$ 0.7710	\$ 3,266	53,652	\$ 1.7493	\$ 93,853	\$	97,119		
August	53,957	\$ 3.1942	\$ 172,349	4,222	\$ 0.7710	\$ 3,255	53,957	\$ 1.7493	\$ 94,387	\$	97,642		
September	52,371	\$ 3.1942	\$ 167,282	3,734	\$ 0.7710	\$ 2,879	52,371	\$ 1.7493	\$ 91,612	\$	94,491		
October	43,892	\$ 3.1942	\$ 140,200	3,616	\$ 0.7710	\$ 2,788	43,953	\$ 1.7493	\$ 76,888	\$	79,676		
November	48,655	\$ 3.1942	\$ 155,412	3,538	\$ 0.7710	\$ 2,728	48,655	\$ 1.7493	\$ 85,111	\$	87,839		
December	55,229	\$ 3.1942	\$ 176,411	4,324	\$ 0.7710	\$ 3,334	55,256	\$ 1.7493	\$ 96,659	\$	99,993		
Total	603,364	\$ 3.19	\$ 1,927,264	47,953	\$ 0.77	\$ 36,972	613,099	\$ 1.75	\$ 1,072,495	\$	1,109,466		

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	52,609	\$ 3.19	\$ 168,043	4,314	\$ 0.77	\$ 3,326	52,651	\$ 1.75	\$ 92,103	\$	95,429		
February	54,234	\$ 3.19	\$ 173,234	5,231	\$ 0.77	\$ 4,033	59,726	\$ 1.75	\$ 104,478	\$	108,511		
March	51,992	\$ 3.19	\$ 166,072	4,181	\$ 0.77	\$ 3,224	51,992	\$ 1.75	\$ 90,949	\$	94,173		
April	44,699	\$ 3.19	\$ 142,776	3,582	\$ 0.77	\$ 2,761	44,699	\$ 1.75	\$ 78,191	\$	80,953		
May	40,981	\$ 3.19	\$ 130,901	3,199	\$ 0.77	\$ 2,467	45,094	\$ 1.75	\$ 78,882	\$	81,349		
June	51,095	\$ 3.19	\$ 163,209	3,777	\$ 0.77	\$ 2,912	51,095	\$ 1.75	\$ 89,381	\$	92,293		
July	53,652	\$ 3.19	\$ 171,375	4,236	\$ 0.77	\$ 3,266	53,652	\$ 1.75	\$ 93,853	\$	97,119		
August	53,957	\$ 3.19	\$ 172,349	4,222	\$ 0.77	\$ 3,255	53,957	\$ 1.75	\$ 94,387	\$	97,642		
September	52,371	\$ 3.19	\$ 167,282	3,734	\$ 0.77	\$ 2,879	52,371	\$ 1.75	\$ 91,612	\$	94,491		
October	43,892	\$ 3.19	\$ 140,200	3,616	\$ 0.77	\$ 2,788	43,953	\$ 1.75	\$ 76,888	\$	79,676		
November	48,655	\$ 3.19	\$ 155,412	3,538	\$ 0.77	\$ 2,728	48,655	\$ 1.75	\$ 85,111	\$	87,839		
December	55,229	\$ 3.19	\$ 176,411	4,324	\$ 0.77	\$ 3,334	55,256	\$ 1.75	\$ 96,659	\$	99,993		
Total	603,364	\$ 3.19	\$ 1,927,264	47,953	\$ 0.77	\$ 36,972	613,099	\$ 1.75	\$ 1,072,495	\$	1,109,466		

Low Voltage Switchgear Credit (if applicable)												\$ -
Total including deduction for Low Voltage Switchgear Credit												\$ 1,109,466

Incentive Regulation Model for 2018 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	0.0065	125,904,605	0	818,380	43.7%	841,523	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	49,223,895	3,599	290,421	15.5%	298,634	0.0061
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3577		319,204	752,588	40.2%	773,870	2.4244
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	426,709	0	2,518	0.1%	2,589	0.0061
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7781		5,825	10,357	0.6%	10,650	1.8284

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	0.0039	125,904,605	0	491,028	45.8%	507,663	0.0040
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031	49,223,895	3,599	152,594	14.2%	157,764	0.0032
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3227		319,204	422,211	39.3%	436,515	1.3675
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031	426,709	0	1,323	0.1%	1,368	0.0032
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0226		5,825	5,956	0.6%	6,158	1.0572

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	0.0067	125,904,605	0	841,523	43.7%	841,523	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	49,223,895	3,599	298,634	15.5%	298,634	0.0061
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4244		319,204	773,870	40.2%	773,870	2.4244
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	426,709	0	2,589	0.1%	2,589	0.0061
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8284		5,825	10,650	0.6%	10,650	1.8284

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	0.0040	125,904,605	0	507,663	45.8%	507,663	0.0040
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032	49,223,895	3,599	157,764	14.2%	157,764	0.0032
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3675		319,204	436,515	39.3%	436,515	1.3675
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032	426,709	0	1,368	0.1%	1,368	0.0032
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0572		5,825	6,158	0.6%	6,158	1.0572



Incentive Regulation Model for 2018 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 2017 values and will be updated by OEB staff at a later date.

Price Escalator	1.90%	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	1.75%	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	2		
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



Ontario Energy Board

Incentive Regulation Model for 2018 Filers

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

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

Time-of-Use RPP Prices

As of	November 1, 2017	
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0950
On-Peak	\$/kWh	0.1320

Debt Retirement Charge (DRC)

Debt Retirement Charge (DRC)	\$/kWh	0.0070
------------------------------	--------	--------

If your utility's DRC differs from the value in Cell D29, please update this value.



Incentive Regulation Model for 2018 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, 2019) 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-2017-0034



Ontario Energy Board

LRAMVA Work Form: Summary Tab

Version 2.0 (2017)

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

LDC Name Colus PowerStream Corp.

Application Details

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

A. Previous LRAMVA Application

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

B. Current LRAMVA Application

Current LRAMVA Application (EB#)		EB-2017-0034	
Application of Current LRAMVA Claim		2018 COS/IRM Application	
Period of New LRAMVA in this Application		2011-2015	
Actual Lost Revenues (\$)	A	\$	254,247
Forecast Lost Revenues (\$)	B	\$	202,367
Carrying Charges (\$)	C	\$	2,840
LRAMVA (\$) for Account 1568	A-B+C	\$	54,720

C. Documentation of Changes

Original Amount	
Amount for Final Disposition	

Table 1-a. LRAMVA Totals by Rate Class

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

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

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	\$5,858	\$392	\$6,250
GS<50 kW	KWh	\$95,025	\$4,573	\$100,199
GS>50 kW	kW	\$40,984	\$1,722	\$42,706
Streetlights	kW	\$8,457	\$398	\$8,853
Unmetered/Scattered Load	KWh	\$163	\$8	\$170
Total		\$51,880	\$2,840	\$54,720

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	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Actuals		\$4,442.57	\$2,946.01	\$1,511.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,899.72
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																			
2012 Actuals		\$7,435.65	\$10,111.61	\$7,115.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,662.35
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																			
2013 Actuals		\$10,996.41	\$20,113.39	\$10,814.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41,924.11
2013 Forecast		(\$23,537.55)	(\$6,408.40)	(\$29,190.52)	(\$2,726.97)	(\$66.51)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$61,929.96)
Amount Cleared																			
2014 Actuals		\$24,797.07	\$37,923.16	\$15,665.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$78,385.85
2014 Forecast		(\$26,496.56)	(\$7,277.34)	(\$33,258.31)	(\$2,846.25)	(\$41.89)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$69,920.14)
Amount Cleared																			
2015 Actuals		\$34,851.61	\$45,495.14	\$20,028.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,375.12
2015 Forecast		(\$26,631.05)	(\$7,277.34)	(\$33,670.21)	(\$2,894.20)	(\$54.33)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$70,517.14)
Amount Cleared																			
2016 Actuals						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																			
2017 Actuals						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																			
2018 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																			
2019 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																			
2020 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																			
Carrying Charges		\$392.19	\$4,573.21	(\$1,721.98)	(\$396.67)	(\$7.83)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,839.92
Total LRAMVA Balance		\$6,250	\$100,199	\$42,706	\$8,853	\$170	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$54,720

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				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

**LRAMVA Work Form:
Forecast Lost Revenues**

Version 2.0 (2017)

Legend

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

Table 2-a. LRAMVA Threshold

2013

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

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

Basis of Threshold

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

Table 2-b. LRAMVA Threshold

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

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

Basis of Threshold

Source of Threshold

Table 2-c. Inputs for LRAMVA Thresholds

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

Year	LRAMVA Threshold	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load									
		kWh	kWh	kW	kW	KWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0
2014	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0
2015	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0
2016	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0

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



LRAMVA Work Form: Distribution Rates

Version

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
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017
Period 1 (# months)		0	4	4	9	4	4	4	4
Period 2 (# months)		12	8	8	3	8	8	8	8
Residential	kWh	\$ 0.0178	\$ 0.0169	\$ 0.0170	\$ 0.0193	\$ 0.0196	\$ 0.0199	\$ 0.0152	\$ 0.0103
Adjusted rate		\$ 0.0178	\$ 0.0168	\$ 0.0168	\$ 0.0198	\$ 0.0196	\$ 0.0199	\$ 0.0154	\$ 0.0105
Calendar year equivalent			\$ 0.0171	\$ 0.0168	\$ 0.0175	\$ 0.0197	\$ 0.0198	\$ 0.0169	\$ 0.0121
GS<50 kW	kWh	\$ 0.0112	\$ 0.0112	\$ 0.0113	\$ 0.0131	\$ 0.0133	\$ 0.0135	\$ 0.0137	\$ 0.0139
Adjusted rate		\$ 0.0112	\$ 0.0111	\$ 0.0112	\$ 0.0136	\$ 0.0133	\$ 0.0135	\$ 0.0138	\$ 0.0140
Calendar year equivalent			\$ 0.0111	\$ 0.0112	\$ 0.0118	\$ 0.0134	\$ 0.0134	\$ 0.0137	\$ 0.0139
GS>50 kW	kW	\$ 2.2849	\$ 2.6222	\$ 2.6400	\$ 3.0850	\$ 3.1282	\$ 3.1689	\$ 3.2259	\$ 3.2824
Adjusted rate		\$ 2.2849	\$ 2.6136	\$ 2.6160	\$ 3.0938	\$ 3.1282	\$ 3.1689	\$ 3.2465	\$ 3.3025
Calendar year equivalent			\$ 2.5040	\$ 2.6152	\$ 2.7355	\$ 3.1167	\$ 3.1553	\$ 3.2206	\$ 3.2838
Streetlights	kW	\$ 11.2240	\$ 13.9108	\$ 14.0054	\$ 14.3874	\$ 14.5888	\$ 14.7785	\$ 15.0445	\$ 15.3078
Adjusted rate		\$ 11.2240	\$ 13.8209	\$ 13.7549	\$ 14.3876	\$ 14.5888	\$ 14.7785	\$ 15.2257	\$ 15.4886
Calendar year equivalent			\$ 12.9553	\$ 13.7769	\$ 13.9131	\$ 14.5217	\$ 14.7153	\$ 15.0766	\$ 15.4010
Unmetered Scattered Load	KWh	\$ 0.0176	\$ 0.0176	\$ 0.0177	\$ 0.0113	\$ 0.0115	\$ 0.0116	\$ 0.0118	\$ 0.0120
Adjusted rate		\$ 0.0152	\$ 0.0159	\$ 0.0176	\$ 0.0038	\$ 0.0115	\$ 0.0116	\$ 0.0119	\$ 0.0121
Calendar year equivalent			\$ 0.0157	\$ 0.0170	\$ 0.0142	\$ 0.0089	\$ 0.0116	\$ 0.0118	\$ 0.0120

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



Ontario Energy Board

LRAMVA Work Form: Determination of Rate Class Allocations

Version 2.0 (2017)

Instructions

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

LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

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

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA															Total
		2011	2011	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load											
Consumer Program				kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2011		733,546	212	259,800	265,407	603	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2011				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2011				\$0.01710	\$0.01110	\$2.50400	\$12.95530	\$0.01570	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2011 from 2011 programs				\$4,442.57	\$2,946.01	\$1,511.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,899.72	
Forecast Lost Revenues in 2011 LRAMVA in 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
																	\$8,899.72		
2011 Savings Persisting in 2012				259,800	265,407	603	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2013				259,800	265,407	603	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2014				259,047	183,473	603	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2015				233,359	183,473	603	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2016				180,634	183,473	603	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2017				151,047	121,174	603	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2018				150,632	121,174	603	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2019				174,743	121,174	603	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2020				99,708	121,174	603	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form
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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA															Total
		2012	2012	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load											
Consumer Program				kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2012		1,720,379	391	182,798	637,416	2,117	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2012				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2012				\$0.01680	\$0.01120	\$2.61520	\$13.77690	\$0.01700	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2012 from 2011 programs				\$4,364.63	\$2,972.55	\$1,578.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,662.35	
Forecast Lost Revenues in 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
LRAMVA in 2012																		\$24,662.35	
2012 Savings Persisting in 2013				182,798	629,827	2,044	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2014				182,798	629,297	2,039	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2015				181,957	553,023	1,919	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2016				161,603	553,023	1,919	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2017				121,505	457,163	1,910	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2018				101,166	452,433	1,860	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2019				100,336	452,433	1,860	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2020				91,876	426,996	1,637	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-c. 2013 Lost Revenues Work Form
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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA															Total
		2013	2013	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load											
Consumer Program				kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2013		1,632,662	515	185,768	809,291	1,306	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2013				1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2013				\$0.01750	\$0.01180	\$2.73550	\$13.91310	\$0.01420	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2013 from 2011 programs				\$4,546.49	\$3,131.80	\$1,650.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,329.14
Lost Revenue in 2013 from 2012 programs				\$3,198.97	\$7,431.96	\$5,591.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$61,929.96
LRAMVA in 2013																		-\$20,005.85	
2013 Savings Persisting in 2014				185,585	802,721	1,306	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2015				177,580	799,187	1,298	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2016				170,631	700,543	1,298	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2017				152,850	613,144	1,252	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2018				140,811	609,055	1,200	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2019				139,608	609,055	1,200	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2020				138,728	607,696	1,200	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA														Total
		2014	2014	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load										
		kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0	0	0	
Consumer Program																		
Actual CDM Savings in 2014		2,372,506	812	631,304	1,214,596	1,078	0	0	0	0	0	0	0	0	0	0	0	0
Forecast CDM Savings in 2014				1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0	0
Distribution Rate in 2014				\$0.01970	\$0.01340	\$3.11670	\$14.52170	\$0.00890	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Lost Revenue in 2014 from 2011 programs				\$5,103.23	\$2,458.54	\$1,880.89	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,492.57
Lost Revenue in 2014 from 2014 programs				\$12,436.69	\$16,275.58	\$3,360.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$69,920.14
LRAMVA in 2014																		\$8,465.70
2014 Savings Persisting in 2015				578,637	1,210,974	1,076	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2016				547,052	886,424	1,076	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2017				545,095	822,732	1,055	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2018				527,221	822,732	573	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2019				508,444	822,732	573	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2020				506,523	818,038	562	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above



Ontario Energy Board

LRAMVA Work Form:

2015 - 2020 Lost Revenues Work Form

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Legend

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

Tables

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

Table 5-a. 2015 Lost Revenues Work Form

Program		Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA															Total
			2015	2015	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load											
Legacy Framework																				
			kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0	0	0		
Actual CDM Savings in 2015			2,103,797	328	588,649	648,502	1,451	0	0	0	0	0	0	0	0	0	0	0		
Forecast CDM Savings in 2015					1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0		
Distribution Rate in 2015					\$0.01980	\$0.01340	\$3.15530	\$14.71530	\$0.01160	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		
Lost Revenue in 2015 from 2011 programs					\$4,620.51	\$2,458.54	\$1,904.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,321.88		
Lost Revenue in 2015 from 2014 programs					\$11,457.02	\$16,227.06	\$3,385.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31,079.99		
Lost Revenue in 2015 from 2015 programs					\$11,655.25	\$8,689.92	\$4,577.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,922.27		
Total Lost Revenues in 2015					\$34,851.61	\$45,495.14	\$20,028.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,375.12		
Forecast Lost Revenues in 2015					\$26,631.06	\$7,277.34	\$33,670.21	\$2,884.20	\$54.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$70,517.14		
LRAMVA in 2015																		\$29,857.99		
2015 Savings Persisting in 2016					578,990	621,911	1,451	0	0	0	0	0	0	0	0	0	0	0		
2015 Savings Persisting in 2017					578,378	592,210	1,446	0	0	0	0	0	0	0	0	0	0	0		
2015 Savings Persisting in 2018					577,661	592,210	1,446	0	0	0	0	0	0	0	0	0	0	0		
2015 Savings Persisting in 2019					572,254	592,210	1,446	0	0	0	0	0	0	0	0	0	0	0		
2015 Savings Persisting in 2020					566,149	592,210	1,446	0	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA															Total
		2016	2016	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load											
Legacy Framework				kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2016				1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2016				\$0.01690	\$0.01370	\$3.22060	\$15.07660	\$0.01180	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2016 from 2011 programs				\$3,052.71	\$2,513.58	\$1,943.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,855.37	
Lost Revenue in 2016 from 2015 programs				\$9,784.93	\$8,520.17	\$4,671.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22,976.92	
Lost Revenue in 2016 from 2016 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Total Lost Revenues in 2016				\$27,697.56	\$40,351.62	\$20,442.87	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$88,492.04	
Forecast Lost Revenues in 2016				\$22,730.55	\$7,440.26	\$34,367.02	\$2,955.01	\$55.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$67,548.12	
LRAMVA in 2016																		\$20,943.91	
2016 Savings Persisting in 2017				1,378,649	405,716	644	0	0	0	0	0	0	0	0	0	0	0	0	
2016 Savings Persisting in 2018				1,378,649	405,716	644	0	0	0	0	0	0	0	0	0	0	0	0	
2016 Savings Persisting in 2019				1,378,649	388,188	644	0	0	0	0	0	0	0	0	0	0	0	0	
2016 Savings Persisting in 2020				1,378,649	375,346	644	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-c. 2017 Lost Revenues Work Form

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Program		Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA													
			2017	2017	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load									Total
Legacy Framework						kWh	kWh	kW	kW	kWh	0	0	0	0	0	0	0	0
Actual CDM Savings in 2017			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forecast CDM Savings in 2017					0	0	0	0	0	0	0	0	0	0	0	0	0	0

Distribution Rate in 2017	\$0.01210	\$0.01390	\$3.28380	\$15.40100	\$0.01200	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Lost Revenue in 2017 from 2011 programs	\$1,827.67	\$1,684.32	\$1,981.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,493.73
Lost Revenue in 2017 from 2012 programs	\$1,470.21	\$0,354.56	\$0,271.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,096.41
Lost Revenue in 2017 from 2013 programs	\$1,849.49	\$8,522.71	\$4,112.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,484.35
Lost Revenue in 2017 from 2014 programs	\$6,595.65	\$11,435.98	\$3,463.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21,494.65
Lost Revenue in 2017 from 2015 programs	\$6,998.37	\$8,231.71	\$4,749.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,979.56
Lost Revenue in 2017 from 2016 programs	\$16,681.65	\$5,639.45	\$2,113.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,434.31
Lost Revenue in 2017 from 2017 programs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Lost Revenues in 2017	\$35,423.95	\$41,868.73	\$22,691.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$99,983.00
Forecast Lost Revenues in 2017	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2017															\$99,983.00
2017 Savings Persisting in 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017 Savings Persisting in 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017 Savings Persisting in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1.50%
2018 Q3	
2018 Q4	
2019 Q1	
2019 Q2	
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%	\$0.45	\$0.30	\$0.15	\$0.00	\$0.00	\$0.91
Mar-11	2011	Q1	0.12%	\$0.91	\$0.60	\$0.31	\$0.00	\$0.00	\$1.82
Apr-11	2011	Q2	0.12%	\$1.36	\$0.90	\$0.46	\$0.00	\$0.00	\$2.73
May-11	2011	Q2	0.12%	\$1.81	\$1.20	\$0.62	\$0.00	\$0.00	\$3.63
Jun-11	2011	Q2	0.12%	\$2.27	\$1.50	\$0.77	\$0.00	\$0.00	\$4.54
Jul-11	2011	Q3	0.12%	\$2.72	\$1.80	\$0.93	\$0.00	\$0.00	\$5.45
Aug-11	2011	Q3	0.12%	\$3.17	\$2.11	\$1.08	\$0.00	\$0.00	\$6.36
Sep-11	2011	Q3	0.12%	\$3.63	\$2.41	\$1.23	\$0.00	\$0.00	\$7.27
Oct-11	2011	Q4	0.12%	\$4.08	\$2.71	\$1.39	\$0.00	\$0.00	\$8.18
Nov-11	2011	Q4	0.12%	\$4.54	\$3.01	\$1.54	\$0.00	\$0.00	\$9.09
Dec-11	2011	Q4	0.12%	\$4.99	\$3.31	\$1.70	\$0.00	\$0.00	\$9.99
Total for 2011				\$29.93	\$19.85	\$10.18	\$0.00	\$0.00	\$59.96
Amount Cleared									
Opening Balance for 2012				\$29.93	\$19.85	\$10.18	\$0.00	\$0.00	\$59.96
Jan-12	2011-2012	Q1	0.12%	\$5.44	\$3.61	\$1.85	\$0.00	\$0.00	\$10.90
Feb-12	2011-2012	Q1	0.12%	\$6.20	\$4.64	\$2.58	\$0.00	\$0.00	\$13.42
Mar-12	2011-2012	Q1	0.12%	\$6.96	\$5.67	\$3.30	\$0.00	\$0.00	\$15.94
Apr-12	2011-2012	Q2	0.12%	\$7.72	\$6.71	\$4.03	\$0.00	\$0.00	\$18.46
May-12	2011-2012	Q2	0.12%	\$8.48	\$7.74	\$4.76	\$0.00	\$0.00	\$20.97
Jun-12	2011-2012	Q2	0.12%	\$9.24	\$8.77	\$5.48	\$0.00	\$0.00	\$23.49
Jul-12	2011-2012	Q3	0.12%	\$10.00	\$9.80	\$6.21	\$0.00	\$0.00	\$26.01
Aug-12	2011-2012	Q3	0.12%	\$10.76	\$10.83	\$6.94	\$0.00	\$0.00	\$28.53
Sep-12	2011-2012	Q3	0.12%	\$11.51	\$11.87	\$7.66	\$0.00	\$0.00	\$31.04
Oct-12	2011-2012	Q4	0.12%	\$12.27	\$12.90	\$8.39	\$0.00	\$0.00	\$33.56
Nov-12	2011-2012	Q4	0.12%	\$13.03	\$13.93	\$9.11	\$0.00	\$0.00	\$36.08
Dec-12	2011-2012	Q4	0.12%	\$13.79	\$14.96	\$9.84	\$0.00	\$0.00	\$38.60
Total for 2012				\$145.34	\$131.28	\$80.33	\$0.00	\$0.00	\$356.95
Amount Cleared									
Opening Balance for 2013				\$145.34	\$131.28	\$80.33	\$0.00	\$0.00	\$356.95
Jan-13	2011-2013	Q1	0.12%	\$14.55	\$16.00	\$10.57	\$0.00	\$0.00	\$41.11
Feb-13	2011-2013	Q1	0.12%	\$15.27	\$17.39	\$11.69	\$0.00	\$0.00	\$43.07
Mar-13	2011-2013	Q1	0.12%	\$15.99	\$18.79	\$12.82	\$0.00	\$0.00	\$45.03
Apr-13	2011-2013	Q2	0.12%	\$16.71	\$20.19	\$13.94	\$0.00	\$0.00	\$46.99
May-13	2011-2013	Q2	0.12%	\$17.43	\$21.59	\$15.07	\$0.00	\$0.00	\$48.94
Jun-13	2011-2013	Q2	0.12%	\$18.15	\$22.99	\$16.19	\$0.00	\$0.00	\$50.90
Jul-13	2011-2013	Q3	0.12%	\$18.87	\$24.39	\$17.32	\$0.00	\$0.00	\$52.86
Aug-13	2011-2013	Q3	0.12%	\$19.59	\$25.79	\$18.44	\$0.00	\$0.00	\$54.82
Sep-13	2011-2013	Q3	0.12%	\$20.31	\$27.19	\$19.57	\$0.00	\$0.00	\$56.78
Oct-13	2011-2013	Q4	0.12%	\$21.03	\$28.59	\$20.69	\$0.00	\$0.00	\$58.73
Nov-13	2011-2013	Q4	0.12%	\$21.75	\$29.99	\$21.82	\$0.00	\$0.00	\$60.69
Dec-13	2011-2013	Q4	0.12%	\$22.47	\$31.39	\$22.94	\$0.00	\$0.00	\$62.65
Total for 2013				\$235.45	\$415.57	\$83.33	\$-18.37	\$-0.45	\$715.52
Amount Cleared									
Opening Balance for 2014				\$235.45	\$415.57	\$83.33	\$-18.37	\$-0.45	\$715.52
Jan-14	2011-2014	Q1	0.12%	\$0.81	\$32.78	\$-11.94	\$-0.08	\$0.00	\$16.61
Feb-14	2011-2014	Q1	0.12%	\$0.99	\$35.91	\$-13.74	\$-0.09	\$0.00	\$17.47
Mar-14	2011-2014	Q1	0.12%	\$1.16	\$39.04	\$-15.54	\$-0.09	\$0.00	\$18.33
Apr-14	2011-2014	Q2	0.12%	\$1.33	\$42.17	\$-17.33	\$-0.09	\$0.00	\$19.20
May-14	2011-2014	Q2	0.12%	\$1.51	\$45.30	\$-19.13	\$-0.10	\$0.00	\$20.06
Jun-14	2011-2014	Q2	0.12%	\$1.68	\$48.43	\$-20.92	\$-0.10	\$0.00	\$20.93
Jul-14	2011-2014	Q3	0.12%	\$1.85	\$51.55	\$-22.72	\$-0.11	\$0.00	\$21.79
Aug-14	2011-2014	Q3	0.12%	\$2.03	\$54.68	\$-24.52	\$-0.11	\$0.00	\$22.66
Sep-14	2011-2014	Q3	0.12%	\$2.20	\$57.81	\$-26.31	\$-0.12	\$0.00	\$23.52
Oct-14	2011-2014	Q4	0.12%	\$2.37	\$60.94	\$-28.11	\$-0.12	\$0.00	\$24.38
Nov-14	2011-2014	Q4	0.12%	\$2.55	\$64.07	\$-29.90	\$-0.12	\$0.00	\$25.25
Dec-14	2011-2014	Q4	0.12%	\$2.72	\$67.20	\$-31.70	\$-0.13	\$0.00	\$26.11
Total for 2014				\$214.25	\$1,015.45	\$-178.53	\$-77.64	\$-1.71	\$971.84
Amount Cleared									
Opening Balance for 2015				\$214.25	\$1,015.45	\$-178.53	\$-77.64	\$-1.71	\$971.84
Jan-15	2011-2015	Q1	0.12%	\$2.89	\$70.33	\$-33.40	\$-0.13	\$0.00	\$26.98
Feb-15	2011-2015	Q1	0.12%	\$2.05	\$74.23	\$-34.89	\$-0.12	\$0.00	\$30.02
Mar-15	2011-2015	Q1	0.12%	\$1.22	\$78.13	\$-36.28	\$-0.14	\$0.00	\$33.07
Apr-15	2011-2015	Q2	0.09%	\$0.28	\$61.38	\$-28.19	\$-0.11	\$0.00	\$27.03
May-15	2011-2015	Q2	0.09%	\$0.35	\$64.30	\$-29.23	\$-0.12	\$0.00	\$29.31
Jun-15	2011-2015	Q2	0.09%	\$0.97	\$67.22	\$-30.27	\$-0.12	\$0.00	\$31.89
Jul-15	2011-2015	Q3	0.09%	\$1.60	\$70.14	\$-31.32	\$-0.12	\$0.00	\$33.87
Aug-15	2011-2015	Q3	0.09%	\$2.23	\$73.06	\$-32.36	\$-0.13	\$0.00	\$36.15
Sep-15	2011-2015	Q3	0.09%	\$2.86	\$75.98	\$-33.40	\$-0.13	\$0.00	\$38.43

Oct-15	2011-2015	Q4	0.09%	\$3.49	\$78.90	-\$34.44	-\$7.09	-\$0.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.71
Nov-15	2011-2015	Q4	0.09%	\$4.11	\$81.82	-\$35.48	-\$7.31	-\$0.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.99
Dec-15	2011-2015	Q4	0.09%	\$4.74	\$84.74	-\$36.53	-\$7.53	-\$0.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.28
Total for 2015				\$228.16	\$1,895.68	-\$574.42	-\$158.86	-\$3.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,387.28
Amount Cleared																			
Opening Balance for 2016				\$228.16	\$1,895.68	-\$574.42	-\$158.86	-\$3.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,387.28
Jan-16	2011-2016	Q1	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Feb-16	2011-2016	Q1	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Mar-16	2011-2016	Q1	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Apr-16	2011-2016	Q2	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
May-16	2011-2016	Q2	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Jun-16	2011-2016	Q2	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Jul-16	2011-2016	Q3	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Aug-16	2011-2016	Q3	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Sep-16	2011-2016	Q3	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Oct-16	2011-2016	Q4	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Nov-16	2011-2016	Q4	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Dec-16	2011-2016	Q4	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Total for 2016				\$292.60	\$2,947.56	-\$1,026.25	-\$251.89	-\$5.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,957.96
Amount Cleared																			
Opening Balance for 2017				\$292.60	\$2,947.56	-\$1,026.25	-\$251.89	-\$5.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,957.96
Jan-17	2011-2017	Q1	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Feb-17	2011-2017	Q1	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Mar-17	2011-2017	Q1	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Apr-17	2011-2017	Q2	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
May-17	2011-2017	Q2	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Jun-17	2011-2017	Q2	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Jul-17	2011-2017	Q3	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Aug-17	2011-2017	Q3	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Sep-17	2011-2017	Q3	0.09%	\$5.37	\$87.66	-\$37.57	-\$7.75	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.56
Oct-17	2011-2017	Q4	0.13%	\$7.32	\$119.53	-\$51.23	-\$10.57	-\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64.85
Nov-17	2011-2017	Q4	0.13%	\$7.32	\$119.53	-\$51.23	-\$10.57	-\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64.85
Dec-17	2011-2017	Q4	0.13%	\$7.32	\$119.53	-\$51.23	-\$10.57	-\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64.85
Total for 2017				\$362.90	\$4,095.08	-\$1,517.06	-\$353.38	-\$7.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,580.52
Amount Cleared																			
Opening Balance for 2018				\$362.90	\$4,095.08	-\$1,517.06	-\$353.38	-\$7.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,580.52
Jan-18	2011-2018	Q1	0.13%	\$7.32	\$119.53	-\$51.23	-\$10.57	-\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64.85
Feb-18	2011-2018	Q1	0.13%	\$7.32	\$119.53	-\$51.23	-\$10.57	-\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64.85
Mar-18	2011-2018	Q1	0.13%	\$7.32	\$119.53	-\$51.23	-\$10.57	-\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64.85
Apr-18	2011-2018	Q2	0.13%	\$7.32	\$119.53	-\$51.23	-\$10.57	-\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64.85
May-18	2011-2018	Q2	0.13%	\$7.32	\$119.53	-\$51.23	-\$10.57	-\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64.85
Jun-18	2011-2018	Q2	0.13%	\$7.32	\$119.53	-\$51.23	-\$10.57	-\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64.85
Jul-18	2011-2018	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-18	2011-2018	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-18	2011-2018	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-18	2011-2018	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-18	2011-2018	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-18	2011-2018	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2018				\$392.19	\$4,573.21	-\$1,721.98	-\$395.67	-\$7.83	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,839.90



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

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

ing Documentation: Savings Results from IESO

Version 2.0 (2017)

#4
Identify Status of
Savings

#1
Net Verified Annual Peak Demand Savings at the End-User Level (kW)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Current year savings	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	8	8	8	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	5	5	5	5	5	4	3	3	4	2	0	0	0	0	0	0	0	0	0	0	0
Current year savings	3	3	3	3	3	3	2	2	3	2	0	0	0	0	0	0	0	0	0	0	0
Current year savings	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	28	0	0
Current year savings	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	61	61	61	32	32	32	6	6	6	6	5	5	0	0	0	0	0	0	0	0	0
Current year savings	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0
Current year savings	16	16	16	16	16	16	16	16	16	16	16	0	0	0	0	0	0	0	0	0	0
Current year savings	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0
Current year savings	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	40	40	40	40	40	40
Current year savings	0	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	23	0
Current year savings	0	268	258	258	242	242	241	235	235	207	137	135	135	60	42	42	26	0	0	0	0
Current year savings	0	47	47	47	32	31	6	5	5	5	5	5	5	0	0	0	0	0	0	0	0
Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	0	5	5	5	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	0	4	4	4	4	4	3	2	2	2	2	1	1	1	1	1	1	0	0	0	0
Current year savings	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Current year savings	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	0	0	179	179	178	178	172	164	164	164	164	149	130	130	88	74	74	61	8	8	8
Current year savings	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	31
Current year savings	0	0	3	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	0	0	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	0	0	142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	0	0	108	108	107	81	57	57	57	57	57	57	56	10	0	0	0	0	0	0	0



#1

										Net Verified Annual Energy Savings at the End-User Level (kWh)										
2032	2033	2034	2035	2036	2037	2038	2039	2040		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
0	0	0	0	0	0	0	0	0		1,671	1,671	1,671	1,222	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0		52,747	52,747	52,747	52,444	39,500	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0		90,222	90,222	90,222	90,222	82,993	74,527	54,975	54,785	69,910	22,127	8,291
0	0	0	0	0	0	0	0	0		54,257	54,257	54,257	54,257	49,963	45,204	35,170	34,945	43,930	16,679	5,422
0	0	0	0	0	0	0	0	0		60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903	60,903
0	0	0	0	0	0	0	0	0		1,451	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0		161,529	161,529	161,529	79,596	79,596	79,596	17,297	17,297	17,297	17,297	13,410
0	0	0	0	0	0	0	0	0		20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487
0	0	0	0	0	0	0	0	0		116,644	116,644	116,644	116,644	116,644	116,644	116,644	116,644	116,644	116,644	116,644
0	0	0	0	0	0	0	0	0		15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807	15,807
40	40	40	40	40	0	0	0	0		157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828
0	0	0	0	0	0	0	0	0		0	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253
0	0	0	0	0	0	0	0	0		0	1,338,950	1,316,741	1,315,188	1,278,808	1,278,808	1,276,061	1,262,218	1,262,218	1,187,772	682,977
0	0	0	0	0	0	0	0	0		0	179,921	179,921	179,921	116,077	116,077	21,156	21,156	21,156	21,156	21,156
0	0	0	0	0	0	0	0	0		0	542	542	542	537	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0		0	38,949	38,949	38,949	38,949	27,242	0	0	0	0	0
0	0	0	0	0	0	0	0	0		0	76,536	76,536	76,536	76,536	68,801	55,945	38,160	38,081	38,081	19,342
0	0	0	0	0	0	0	0	0		0	3,996	3,996	3,996	3,996	3,936	3,936	1,853	1,843	1,843	1,843
0	0	0	0	0	0	0	0	0		0	14,523	14,523	14,523	13,687	13,372	13,372	12,900	12,160	3,700	3,700
0	0	0	0	0	0	0	0	0		0	313	313	313	313	313	313	313	313	313	313
0	0	0	0	0	0	0	0	0		0	542	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0		0	17,855	17,855	17,855	17,855	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0		0	0	1,047,117	1,030,338	1,027,109	1,027,109	1,006,547	996,104	996,104	992,634	990,094
0	0	0	0	0	0	0	0	0		0	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246
0	0	0	0	0	0	0	0	0		0	0	19,122	19,122	19,122	19,019	10,736	0	0	0	0
0	0	0	0	0	0	0	0	0		0	0	7,758	7,758	7,758	7,758	0	0	0	0	0
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0		0	0	399,272	399,272	397,004	298,359	219,012	219,012	219,012	219,012	219,012

2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7,320	7,320	5,454	5,454	4,994	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4,413	4,413	4,076	4,076	3,963	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60,903	60,903	60,903	60,903	60,903	60,903	60,903	57,805	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13,410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9,435	9,435	9,435	9,435	9,435	9,435	0	0	0	0	0	0	0	0	0	0	0	0	0
19,495	19,495	19,495	19,495	19,495	19,495	0	0	0	0	0	0	0	0	0	0	0	0	0
15,807	15,807	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157,828	157,828	157,828	157,828	204,238	204,238	204,238	204,238	204,238	204,238	204,238	204,238	204,238	204,238	204,238	0	0	0	0
48,253	48,253	48,253	48,253	48,253	48,253	48,253	48,253	45,003	0	0	0	0	0	0	0	0	0	0
657,771	650,738	320,081	277,461	277,461	190,581	0	0	0	0	0	0	0	0	0	0	0	0	0
16,826	16,826	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14,354	13,908	13,908	12,937	12,937	12,760	3,580	3,580	3,580	3,580	0	0	0	0	0	0	0	0	0
299	241	241	207	207	200	0	0	0	0	0	0	0	0	0	0	0	0	0
3,190	3,190	2,220	2,220	1,545	633	633	633	633	633	633	0	0	0	0	0	0	0	0
313	313	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913,962	790,842	762,071	519,004	475,191	475,191	386,751	23,475	23,475	23,475	23,475	0	0	0	0	0	0	0	0
63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246	63,246	59,735	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219,012	208,466	31,639	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Ontario Energy Board

LRAMVA Work Form: Documentation for Streetlighting Projects

Version 2.0 (2017)

Instructions

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

Appendix E

Collus PowerStream Approved 2017 Tariff Sheet

Board File Number EB-2017-0034

Collus PowerStream Corp.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2017
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2016-0064

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	17.63
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Application of Tax Change (2017) - effective until April 30, 2018	\$	0.12
Distribution Volumetric Rate	\$/kWh	0.0103
Low Voltage Service Rate	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039

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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Collus PowerStream Corp.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2017
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EB-2016-0064

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	21.01
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0139
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Application of Tax Change (2017) - effective until April 30, 2018	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Collus PowerStream Corp.
TARIFF OF RATES AND CHARGES
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EB-2016-0064

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.

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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)	\$	100.37
Distribution Volumetric Rate	\$/kW	3.2824
Low Voltage Service Rate	\$/kW	0.5215
Rate Rider for Application of Tax Change (2017) - effective until April 30, 2018	\$/kW	0.0201
Retail Transmission Rate - Network Service Rate	\$/kW	2.3577
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3227

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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	0.50
Distribution Volumetric Rate	\$/kWh	0.0120
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Application of Tax Change (2017) - effective until April 30, 2018	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.67
Distribution Volumetric Rate	\$/kW	15.3078
Low Voltage Service Rate	\$/kW	0.4031
Rate Rider for Application of Tax Change (2017) - effective until April 30, 2018	\$/kW	0.1808
Retail Transmission Rate - Network Service Rate	\$/kW	1.7781
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0226

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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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microFIT SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	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 and energy	%	(1.00)

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SPECIFIC SERVICE CHARGES

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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

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RETAIL SERVICE CHARGES (if applicable)

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

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