



**EPCOR Electricity Distribution
Ontario Inc.
ED-2002-0518**

**2022 Incentive Regulation Mechanism
Electricity Distribution Rate Application
Board File Number EB-2021-0020**

For Rates Effective May 1, 2022

Submitted on November 2, 2021

**43 Stewart Road
Collingwood, Ontario
L9Y 4M7**



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

November 2, 2021

Ms. Christine E. Long
Registrar
Ontario Energy Board
27-2300 Yonge Street
Toronto, ON M4P 1E4

Dear Ms. Long:

**RE: EPCOR Electricity Distribution Ontario Inc. (License ED-2002-0518)
2021 4th Generation IRM Application EB-2021-0020**

In accordance with instructions released by the Ontario Energy Board ("OEB") updating Chapter 3 of the *Filing Requirements for Electricity Distribution Rate Applications*, EPCOR submits its application for approval of the 4th Generation Incentive Rate-setting Mechanism (IRM4) based rates, effective May 1, 2022.

An electronic copy of the Application has been filed on the OEB's RESS Filing System.

Please contact me if you have any questions on this matter.

Yours truly,

A handwritten signature in blue ink, appearing to read "T. Hesselink", is written over a faint blue circular stamp.

Tim Hesselink, CPA, CGA
Senior Manager, Regulatory Affairs
EPCOR Electricity Distribution Ontario Inc.
(705) 445-1800 ext. 2247
THesselink@epcor.com

EPCOR Electricity Distribution Ontario Inc.

ED-2002-0518

Board File Number EB-2021-0020

**2022 Incentive Regulation Mechanism
Electricity Distribution Rate Application**

MANAGER'S SUMMARY

Table of Contents

APPLICATION.....	3
1. INTRODUCTION	5
2. SUMMARY OF APPLICATION	7
3. PRICE CAP ADJUSTMENT	8
4. TAX CHANGES.....	10
5. LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT ("LRAMVA").....	11
6. RETAIL TRANSMISSION SERVICE RATES.....	13
7. DEFERRAL AND VARIANCE ACCOUNTS.....	15
8. GLOBAL ADJUSTMENT ("GA")	18
9. RATE CHANGE SUMMARY AND BILL IMPACTS	22

Appendices

- A Proposed 2022 Tariff Sheet (from Rate Generator file)
- B Bill Impacts Summary (from Rate Generator file)
- C IRM Rate Generator
- D LRAMVA Work Form
- E 2020-0018 Approved 2021 Tariff Sheet (May 1, 2021)
- F Global Adjustment Variance Work Form

ONTARIO ENERGY BOARD

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

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

Application

- The applicant is EPCOR Electricity Distribution Ontario Inc. (“EPCOR”), an electricity distribution company owned by EPCOR Utilities Inc., based out of Edmonton, Alberta. In decision and order EB-2017-0373/0374, the Ontario Energy Board approved the sale of the shares of Collus PowerStream Corp. to EPCOR Utilities Inc. with the sale formally closing on October 1, 2018. For the purpose of this application, the LDC is referred to as “EPCOR” consistently. The corporation remains the same corporate entity before and after the sale of its shares, with the only change being an amendment to the name.
- EPCOR serves approximately 18,000 mostly residential and commercial electricity customers in the Towns of Collingwood, Stayner, Creemore and the village of Thornbury. EPCOR, an Ontario corporation with operations centre located in Collingwood, Ontario, carries on the business of owning and operating electricity distribution facilities under Electricity Distribution License ED-2002-0518.
- EPCOR hereby applies to the Ontario Energy Board (the “Board” or the “OEB”), pursuant to section 78 of the Ontario Energy Board Act, 1998 as amended (the “OEB Act”) for an Order or Orders approving its proposed electricity distribution rates and other charges, effective May 1, 2022.
- EPCOR last appeared before the OEB with a cost of service rebasing application for 2013 rates in the EB-2012-0116 proceeding. In decision and order EB-2017-0373/0374, the Ontario Energy Board approved a deferral of the rate rebasing period for five years from the October 1, 2018 date of closing of the sale of the shares of the company to EPCOR. Therefore, the Corporation expects that the

1 next rebasing will be for rates effective January 1, 2023, as EPCOR has requested
2 to align distribution rates with the fiscal calendar year.

3

4 • EPCOR is seeking approval for electricity distribution rates using the OEB's 2022
5 IRM Rate Generator Model. EPCOR confirms that it has worked with OEB staff to
6 request any adjustments to prepopulated values, and that the billing determinants
7 in the models as filed are accurate, with exceptions as noted in this application.

8

9 • EPCOR requests that, pursuant to Section 34.01 of the OEB's *Rules of Practice*
10 *and Procedure*, this proceeding be conducted by way of written hearing.

11

12 • The persons affected by this Application are the ratepayers of EPCOR's service
13 territory.

14

15 • The Applicant confirms that the application and related documents will be
16 published on its website ([EPCOR.com](https://www.epcor.com)). As a result of the COVID-19 pandemic,
17 our office remains closed to the public, but the applicant will provide a copy for
18 anyone requesting the material.

19

20 • EPCOR is proposing that notices related to this Application appear in the
21 *Collingwood Connection* newspaper. The *Collingwood Connection* is an unpaid
22 local publication with an average circulation of approximately 12,000 per week. It
23 is also available online at <https://www.simcoe.com/collingwood-on/>

24

25 • The Applicant requests that a copy of all documents filed with the OEB in this
26 proceeding be served on the Applicant at follows:

27

28 Tim Hesselink, CPA, CGA
29 Senior Manager, Regulatory Affairs
30 EPCOR Electricity Distribution Ontario Inc.
31 43 Stewart Road
32 Collingwood, ON L9Y 4M7
33 Phone: (705) 445-1800 ext#2274
34 thesselink@epcor.com
35

36

37 • In addition to the written evidence provided herein, the following live Microsoft
38 Excel models have been filed in conjunction with the Application:

- EB_2021-0020_EPCOR_RATE_GENERATOR
- EB_2021-0020_EPCOR_LRAMVA_WORKFORM
- EB_2021-0020_EPCOR_GA_ANALYSIS_WORKFORM

1. Introduction

EPCOR has selected the Price Cap Incentive Rate-setting (“Price Cap IR”) option to file its 2022 Distribution Rate Application. In preparing this Application, EPCOR has complied with Chapter 3, Incentive Rate Setting Applications, of the Board’s Filing Requirements for Distribution Rate Applications – 2021 Edition for 2022 Rate Applications, dated June 24, 2021 (the “Filing Requirements”).

All rates referenced in this Application and included in the accompanying 2022 Proposed Tariff of Rates and Charges are based on the output of the OEB’s 2021 IRM Rate Generator Model, as posted on the OEB website July 13, 2021 (the “2020 IRM Model” or the “Model”).

The application includes a completed *Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form – Version 6.0*, as posted by the OEB on July 8, 2021 for the disposition of the 1568 balances for the year 2020 and a completed “*STS-Tax Change*” worksheet in the *2022 IRM Rate Generator model* for the sharing of the impact of legislated tax changes.

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

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

Applicant Contact Information

The primary contact for this Application is:

Mr. Tim Hesselink
Senior Manager, Regulatory Affairs
EPCOR Electricity Distribution Ontario Inc.

1 43 Stewart Road
2 Collingwood, ON
3 L9Y 4M7
4 Telephone: 705-445-1800 ext. 2274
5 Facsimile: 705-445-8267
6 E-mail: thesselink@epcor.com

7 The secondary contact for this Application is:

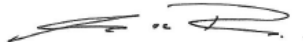
8 **Ms. Cindy Shuttleworth**
9 Senior Manager, Financial & Regulatory Reporting
10 EPCOR Electricity Distribution Ontario Inc.
11 Telephone: 705-445-1800 ext. 2270
12 Facsimile: 705-445-8267
13 E-mail: cshuttleworth@epcor.com

14 **Certification of Evidence**
15

16 As Chief Executive Officer of EPCOR Electricity Distribution Ontario Inc., I certify to the
17 best of my knowledge, that the evidence filed in EPCOR's 2021 4th Generation IRM
18 Application is accurate and that EPCOR has robust processes and internal controls in
19 place for the preparation, review, verification and oversight of the accounts balances being
20 requested for disposition, consistent with the requirements of the Chapter 3 Filing
21 Requirements for Electricity Distribution Rate Applications as revised on June 24, 2021.
22

23 The evidence filed in support of this application does not include any personal information
24 (as that phrase is defined in the Freedom of Information and Protection of Privacy Act),
25 that is not otherwise redacted in accordance with rule 9A of the OEB's Rules of Practice
26 and Procedure.

27
28 DATED IN TORONTO, ONTARIO, THIS 2nd DAY OF NOVEMBER, 2021
29
30
31

32 

33
34
35 Susannah Robinson
36 Chief Executive Officer
37 EPCOR Electricity Distribution Ontario Inc.

2. Summary of Application

On March 25, 2021 EPCOR received a final Decision and Rate Order for rates effective May 1, 2021 (EB 2020-0018), which includes a recovery of lost distribution revenue as a result of the deferral of implementation of 2020 rates due to the COVID-19 pandemic as approved in EB-2019-0027.

EPCOR is submitting a 4th GIRM Application for rates effective May 1, 2022.

EPCOR requests an Order or Orders approving:

1. Monthly Service Charge and Distribution Volumetric rates adjusted by the Board's price cap formula effective May 1, 2022;
2. A rate rider for Disposition of Group 1 Accounts;
3. A rate rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA);
4. A rate rider with respect to the tax change amount from the impact of the legislated tax changes to be shared 50/50 between shareholders and ratepayers;
5. Updated Retail Transmission Service rates effective May 1, 2022;
6. An order declaring EPCOR's current (i.e. 2021) rates as interim rates effective May 1, 2022, and a rider that would allow for the recovery of any foregone incremental revenue between May 1, 2022 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, 2022.

3. Price Cap Adjustment

The rates and tariffs entered in the Rate Generator Model are taken from the Board-approved 2020 Tariff of Rates and Charges, as per the Board Rate Order (EB-2020-0018) dated March 25, 2021 and attached to this Application as Appendix E.

EPCOR has the following rate classes:

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

Since rebasing took place in 2013, EPCOR has one significant industrial customer who has now exceeded the General Service 50 to 4,999 kW consumption. An updated rate class will be included in the next Cost of Service, expected to be filed in April 2022 for rates effective January 2023. For the purposes of this application, this customer continues to be included in the General Service 50 to 4,999 kW class.

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

The Price Cap index of 3.15% is calculated in the Board's Rate Generator model, based on the preliminary 4th GIRM parameters. This is determined using an inflation factor of 3.30%, a productivity factor of 0.00%, and offset by a stretch factor of 0.15% (Cohort II) based on the updated benchmarking study for use for rates effective in 2022. These values are expected to be revised with final factors before a decision and order is issued, which could impact rate calculations.

1 Off-Ramps and Return on Equity

2 Section 3.3.5 of the Filing Requirements states:

3 “For each of the OEB’s three rate-setting options, a regulatory review may be triggered if
4 a distributor’s earnings are outside of a dead band of +/- 300 basis points from the OEB
5 approved return on equity (ROE). The OEB monitors results filed by distributors as part of
6 their reporting and record-keeping requirements and determines if a regulatory review is
7 warranted. Any such review will be prospective, and could result in modifications,
8 termination or the continuation of the respective Price Cap IR or Annual IR Index plan for
9 that distributor”.

10 EPCOR’s current distribution rates were rebased and approved by the OEB in 2013 and
11 included and expected (deemed) regulatory rate of return of 8.98%. The achieved return
12 on equity for 2020 was -1.77%, which is outside the OEB’s designated dead band. The
13 decline in ROE can be attributed to higher operating costs as a result of oversight and
14 governance costs and costs for an increase in specific services (including health, safety
15 and environment, treasury, income tax, purchasing and A/P, IT, cyber security, public &
16 government affairs, engineering, training, community investment and other services)
17 provided to the company from its parent company and affiliates, which are in excess of
18 various cost savings achieved. As a result of services being provided to the company,
19 various cost savings have been achieved to date and further cost savings and synergies
20 are anticipated in future periods. In addition, as rebasing has occurred eight years ago,
21 depreciation amounts related to continued capital infrastructure investments are
22 accumulating higher than the increases in rates, adding downward pressure on the ROE.

23 **Table 11: ROE Summary**

Year	Approved ROE	Achieved ROE	Over (Under) Earned
2015	8.98%	10.86%	1.88%
2016	8.98%	10.03%	1.05%
2017	8.98%	11.65%	2.67%
2018	8.98%	11.94%	2.96%
2019	8.98%	2.77%	-6.21%
2020	8.98%	-1.77%	-10.75%

4. Tax Changes

The Board's 4th GIRM Supplemental Report determined that a 50/50 sharing of the impact of currently known legislated tax changes, as applied to the tax level reflected in the Board-approved base rates for a distributor, is appropriate. The tax costs to be shared in 2021 are related to the income tax rate changes as shown on Schedule 8 – "*STS-Tax Change*" in the 2022 IRM Model.

At the time of filing this Application, the legislated tax rates for 2022 are changed from the tax rates which underpin the current distribution rates with respect to the availability of the Small Business Deduction which increases the tax rate. The additional tax cost is \$65,617 as calculated by the Board's rate model. Under the Board's guidelines any tax savings or cost is shared 50% - 50% with ratepayers resulting in an amount of \$32,808 to be recovered from customers through the following the tax change rate riders:

- \$0.10 per customer for Residential
- \$0.0001 per kWh for General Service less than 50 kW
- \$0.0211 per kW for General Service greater than 50kW
- \$0.0001 per kWh for Unmetered Scattered Load
- \$0.3236 per kW for Street lighting

EPCOR recognizes that should further legislated tax changes for 2021 occur during the course of this proceeding, the tax change calculation may be updated and rate riders updated as part of the draft Rate Order process.

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

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

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

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

EPCOR has calculated the LRAMVA for 2020 based on the Board’s guidance as published in the Filing Requirements. Consistent with the 2019 disposition, this application includes a change to the data source used (Participation and Cost reports) as the IESO is no longer provided a workbook of annualized verified results to LDC’s due to the conclusion of the Conservation First Framework. To calculate net savings values at the project level, EPCOR used results from the IESO’s 2017 program evaluation (e.g., net-to-gross values and gross realization rates).

EPCOR’s disposition is calculated using version 6 of the LRAMVA work form.

The amounts booked are summarized in Table 5.1 below.

Table 5.1: LRAMVA Disposition

Description	Residential	GS<50 kW	GS>50 kW	Streetlights	USL	Total
2020 Actuals	\$0	\$49,254	\$52,600	\$42,340	\$0	\$144,194
2020 Forecast	\$0	(\$7,875)	(\$36,521)	(\$3,174)	(\$59)	(\$47,628)
Variance	\$0	\$41,379	\$16,079	\$39,166	(\$59)	\$96,565
Carrying Charges	<u>\$0</u>	<u>\$295</u>	<u>\$115</u>	<u>\$280</u>	<u>(\$0)</u>	<u>\$689</u>
Total	\$0	\$41,674	\$16,193	\$39,446	(\$59)	\$97,255

The forecast in the original Cost of Service application was calculated based on expected savings prorated by class based on consumption. The actual results reveal savings above forecast in GS<50, GS>50 and Streetlight classes. As EPCOR has transitioned to a fully fixed distribution rate structure, there is no claim for losses for the residential class.

Section 13.4 of the CDM Guidelines provides that “At a minimum, distributors must apply for disposition of the balance in the LRAMVA the time of their Cost of Service rate applications. Distributors may apply for the disposition of the balance in the LRAMVA on an annual basis, as part of their Incentive Regulation Mechanism rate applications, if the balance is deemed significant by the applicant.” EPCOR is making a request for disposition of the December 31, 2020 ending principal balance of \$96,565 plus carrying charges of \$689 (for a total of \$97,255) over 12 months as part of this application.

6. Retail Transmission Service Rates

EPCOR has adjusted its Retail Transmission Service Rates (RTSR) to recover the wholesale transmission costs that it will be charging. EPCOR used the Board's 2021 RTSR worksheets included in the 2021 IRM Rate Generator model and followed the direction in the Board's *Guideline: Electricity Distribution Retail Transmission Service Rates, G-2008-0001, Revision 4.0, June 28, 2012*.

EPCOR 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 (as of January 1, 2021). EPCOR has assumed no change in the wholesale transmission rates that it will be charged for 2022 and under this assumption customers will see an increase in this portion of their bill. Residential customers can expect a monthly increase of approximately \$0.24.

EPCOR anticipates that information regarding 2022 wholesale transmission rates will be available and that the RTSR Model will be updated with 2022 wholesale rates at the time of the draft Rate Order filing. All of EPCOR's transmission costs are invoiced from HONI.

EPCOR has determined the 2020 wholesale quantities billed. The 2020 wholesale quantities and the 2021 approved wholesale rates were used to calculate the estimated wholesale transmission costs for 2021 and for 2022.

1

Table 6.1: Proposed RTSR Rates

RTSR - Network				
Rate Class	Unit	Current	Proposed	Variance
Residential	kWh	0.0070	0.0072	4%
GS<50kW	kWh	0.0064	0.0066	4%
GS>50kW	kW	2.5250	2.6143	4%
USL	kWh	0.0064	0.0066	4%
Street Lighting	kW	1.9043	1.9716	4%

RTSR - Connection				
Rate Class	Unit	Current	Proposed	Variance
Residential	kWh	0.0044	0.0045	3%
GS<50kW	kWh	0.0036	0.0037	3%
GS>50kW	kW	1.5394	1.5816	3%
USL	kWh	0.0036	0.0037	3%
Street Lighting	kW	1.1901	1.2227	3%

2

7. 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.

EPCOR 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, 2020, as per the model. EPCOR has reviewed and can confirm that the prepopulated billing determinants are correct.

**Table 7.1: Summary of the Group 1 Account Balances
at December 31, 2020**

Account Description	Account	Amount	Interest	Total Claim
LV Variance Account	1550	\$1,084,449	\$14,181	\$1,098,630
Smart Metering Entity Charge Variance Account	1551	(6,591)	(195)	(6,786)
RSVA - Wholesale Market Service Charge	1580	(158,108)	(1,684)	(159,792)
Variance WMS – Sub-account CBR Class A	1580	0	0	0
Variance WMS – Sub-account CBR Class B	1580	(9,627)	(141)	(9,768)
RSVA - Retail Transmission Network Charge	1584	166,265	1,869	168,134
RSVA - Retail Transmission Connection Charge	1586	169,428	1,839	171,267
RSVA - Power	1588	(82,052)	(7,632)	(89,684)
RSVA - Global Adjustment	1589	<u>358,646</u>	<u>7,220</u>	<u>365,865</u>
Total Group 1 Balance		\$1,522,411	\$15,456	\$1,537,867
Threshold Test (Total claim per kWh)				\$0.0052

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

EPCOR has not made any adjustments to balances previously approved by the OEB on a final basis.

1 Cost of Power Reconciliation and Continuity Schedule Adjustments

2 As per section 3.2.5, of the filing requirements, distributors must provide an explanation
3 of the account balances on Tab 3. Continuity Schedule of the rate generator model differ
4 from the account balances in the trial balance reported through the RRR and the audited
5 financial statements and which have been reflected in the prepopulated rate generator
6 model. Furthermore, as per section 3.2.5.3, of the filing requirements, effective May 23,
7 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1589,
8 applicants must reflect RPP Settlement true-up claims pertaining to the period that is being
9 requested for disposition in the RSVA Power (Account 1588) and RSVA GA (Account
10 1589) variance accounts. A principal adjustment of \$190,411 was included in account
11 1588 - RSVA - Power which was comprised of the amounts in the table below:

12 **Table 7.2: 2020 1588 - RSVA Power Principal Adjustments**

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	2,853	2020
	2 CT 1142 true-up based on actuals	(45,874)	2020
	3 Unbilled to actual revenue differences	321,774	2020
	4 Cost of power accrual for 2018 vs Actual per IESO bill	(505,586)	2020
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(226,831)	
2020	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	371,648	2021
	2 CT 1142/142 true-up based on actuals	99,501	2021
	3 Unbilled to actual revenue differences	(537,039)	2021
	4 Cost of power accrual for 2020 vs Actual per IESO bill	102,310	2021
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	36,421	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	(190,411)	

A principal adjustment of \$112,906 was included in account 1589 - RSVA - Global Adjustment which was comprised of the amounts in the table below:

Table 7.3: 2020 1589 - RSVA Global Adjustment Principal Adjustments

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(2,853)	2020
	2 Unbilled to actual revenue differences	(103,860)	2020
	3 GA Accrual vs. Actual	121,478	2020
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	14,765	
2020	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(371,648)	2021
	2 Unbilled to actual revenue differences	3,580	2021
	3 GA Accrual vs. Actual	32,746	2021
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(335,322)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	(320,558)	

Details of principal adjustments can also be found in the 2021_0020_GA Analysis Workform.

8. Global Adjustment (“GA”)

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

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

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

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

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

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

When EPCOR receives the IESO invoice on the tenth business day of the month, the actual class B GA charged to EPCOR is reconciled and trued up to the estimate as filed. The calculated difference is then entered as an adjustment in the following month’s data submission (1st True-Up).

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

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

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

Effective January 2020 in order to better serve customers and manage variances, EPCOR transitioned to a calendar month billing process for all customers (previously customers were billed on a monthly cyclical basis staggered over the course of the month).

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

EPCOR records unbilled revenue in the accounting system monthly and reverses it in the subsequent month. Unbilled energy revenue is based on an assessment of electricity distribution services supplied to customers between the date of the last meter reading and the period ending date. The components of a customer’s most recent bill are divided by the number of days in the billing period. Then the estimated daily revenue is multiplied by the remaining days to month-end.

Prior to December 2018, the estimation technique was not used for the final month of the year. Instead, the monthly unbilled amounts for December were recorded based on actual consumption. The billing system was set-up for a rate change on January 1 with no actual change to the rates occurring. This allowed the billing system to split bills processed in January and February of the subsequent year between revenue earned before and after December 31st. Therefore, exactly correct unbilled consumption and dollars was posted for the year.

However, effective December 31, 2018 this technique could no longer be used for year-end cut-off accuracy. The estimation technique has been used for December 2018, just like all the other months of the year. EPCOR can no longer wait for subsequent year-end actual billing information to come in during January and February because of a much

1 quicker year-end close set by the new parent company. A comparison of the accrual for
2 unbilled revenue verses the actual billings subsequent to year-end is completed to assess
3 the accuracy of the process.

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

9 In order complete the second true-up of RPP variances, EPCOR completes a monthly
10 reconciliation process based on actual billed amounts by RPP category (TOU and Tiered
11 Pricing Class) to determine a prorated portion of wholesale volumes. An export of the
12 verified billing data is downloaded and categorized in a spreadsheet based on
13 consumption period. This data is compared with originally submitted estimates (explained
14 above) and variances are posted via the RPP settlement process as well as adjustments
15 to GA/Power Allocations.

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

18

1 **Global Adjustment Work Form & Reconciliation**

2 As part of this application, EPCOR is requesting to dispose of its RSVA – Global
3 Adjustment account. A requirement for disposition is the completion of the GA Analysis
4 Work form to reconcile balances between what was billed to ratepayers and what was
5 charged to the IESO within a variance tolerance of 1%. 2021_0020_GA Analysis
6 Workform has been included as part of this application. The following reconciliation items
7 have been included in the GA Analysis Work form:

8 **Table 8.1 - Global Adjustment Analysis Reconciliation Items**

Item	Amount
Net Change in Principal Balance in the GL	\$422,414.04
True-up of GA Charges based on Actual Non-RPP Volumes - prior year	(\$2,853.30)
True-up of GA Charges based on Actual Non-RPP Volumes - current year	(\$371,648.37)
Remove prior year end unbilled to actual revenue differences	(\$103,860.24)
Add current year end unbilled to actual revenue differences	\$3,580.15
Remove Prior Year GA Accrual vs. Actual	\$121,478.22
GA Accrual vs. Actual	\$32,745.95
Adjusted Net Change in Principal Balance in the GL	\$ 101,856
Net Change in Expected GA Balance in the Year Per Analysis	\$ 72,603
Unresolved Difference	\$ 29,253

9 After removal of these reconciliation items, an unresolved difference of \$29,253 remains
10 which results in Unresolved Difference as % of Expected GA Payments to IESO of -0.3%
11 which is within the expected tolerance levels.

12

9. Rate Change Summary and Bill Impacts

Appendix A shows the proposed Tariff of Rates and Charges, incorporating the effect of the 2021 price cap adjustment and updated transmission rates.

Appendix B shows the resulting bill impacts, as calculated by the Board's Rate Generator model. Note that the comparison is presented based on the planned May 1, 2021 rates.

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

Table 9.1 Residential Rate Design

Rates Effective	Fixed Component	Variable Component
May-15	42.5%	57.5%
May-16	56.9%	43.1%
May-17	71.3%	28.7%
May-18	85.6%	14.4%
May-19	100.0%	0.0%
May-20	100.0%	0.0%

Bill Impacts for EPCOR Customers:

- A typical Residential customer using 750 kWh per month will see an increase of \$1.80 (5.1%) in the distribution component of their bill. The total delivery component will increase by \$2.04 (4.6%). The total monthly bill is expected to increase by \$1.92 (1.6%).
- A typical General Service less than 50 kW demand customer using 2,000 kWh per month will see an increase of \$4.70 (6.1%) in the distribution component of their bill. The total delivery component will increase by \$5.34 (5.4%). The total monthly bill is expected to increase by \$5.03 (1.7%).
- Class B General Service 50 to 4,999 kW demand customers (using 250 kW demand and consuming 86,000 kWh per month) will see an increase of \$428.37

(27.0%) in the distribution component of their bill. The total delivery component will increase by \$461.25 (17.7%). The total monthly bill is expected to increase by \$521.21 (3.6%).

- A Street lighting customer (using 100 kW demand and consuming 15,000 kWh per month with 1,000 connections) will see an increase of \$260.34 (3.6%) in the total delivery component. The total monthly bill is expected to increase by \$294.18 (2.8%).

Table 9.2: Customer Bill Impacts per Rate Class

RATE CLASS	Usage Base	Average Bill 2021	Average Bill 2022	Total Bill Impact	
		\$	\$	\$	%
Residential (RPP)	750 kWh	\$118.19	\$120.11	\$1.92	1.6%
GS<50kW	2000 kWh	\$295.37	\$300.40	\$5.03	1.7%
GS>50kw	250 kW	\$14,379.18	\$14,900.39	\$521.21	3.6%
USL	150 kWh	\$25.86	\$26.77	\$0.91	3.5%
Streetlights	100 kW	\$10,426.93	\$10,721.12	\$294.19	2.8%

9
10

APPENDIX A - Proposed 2022 Tariff Sheet

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0020

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	27.24
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Application of Tax Change (2022) - effective until April 30, 2023	\$	0.10
Rate Rider per the Collus Powerstream and EPCOR Share Purchase Agreement - effective until September 30, 2023	\$	(0.25)
Low Voltage Service Rate	\$/kWh	0.0016
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023 Applicable only for Non-RPP Customers	\$/kWh	0.0052
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0039
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

MONTHLY RATES AND CHARGES - Regulatory Component

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0020

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	23.07
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0153
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0052
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kWh	0.0010
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0039
Rate Rider for Application of Tax Change (2022) - effective until April 30, 2023	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0037

MONTHLY RATES AND CHARGES - Regulatory Component

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0020

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.

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	110.21
Distribution Volumetric Rate	\$/kW	3.6042
Low Voltage Service Rate	\$/kW	0.5215
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0052

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0020

Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kW	0.0561
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3593)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	1.9848
Rate Rider for Application of Tax Change (2022) - effective until April 30, 2023	\$/kW	0.0211
Retail Transmission Rate - Network Service Rate	\$/kW	2.6143
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5816

MONTHLY RATES AND CHARGES - Regulatory Component

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0020

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	0.56
Distribution Volumetric Rate	\$/kWh	0.0132
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023 Applicable only for Non-RPP Customers	\$/kWh	0.0052
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0040
Rate Rider for Application of Tax Change (2022) - effective until April 30, 2023	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0037

MONTHLY RATES AND CHARGES - Regulatory Component

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0020

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.03
Distribution Volumetric Rate	\$/kW	16.8079
Low Voltage Service Rate	\$/kW	0.4031
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023 Applicable only for Non-RPP Customers	\$/kWh	0.0052
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kW	11.5003
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	1.4125
Rate Rider for Application of Tax Change (2022) - effective until April 30, 2023	\$/kW	0.3236
Retail Transmission Rate - Network Service Rate	\$/kW	1.9716
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2227

MONTHLY RATES AND CHARGES - Regulatory Component

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0020

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
----------------	----	------

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Charge to certify cheque	\$	15.00
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Account history	\$	15.00

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0020

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		
(effective annual rate 19.56% per annum or 0.04896% compounded daily)	%	1.50
Reconnection at meter - during regular hours	\$	40.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

Other

Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments) - Approved on an Interim Basis	\$	45.48

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 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	\$	106.53
Monthly Fixed Charge, per retailer	\$	42.62
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.63)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.53
Processing fee, per request, applied to the requesting party	\$	1.06
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0020

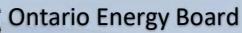
More than twice a year, per request (plus incremental delivery costs)	\$	4.26
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.13

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	1.071
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0603

APPENDIX B - Bill Impacts Summary



Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of June 2021 of \$0.1060/kWh (IESO's Monthly Market Report for June 2021) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

[illegible]

Table 2

[illegible]

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0710		
Proposed/Approved Loss Factor	1.0710		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 26.41	1	\$ 26.41	\$ 27.24	1	\$ 27.24	\$ 0.83	3.14%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ (0.14)	1	\$ (0.14)	\$ (0.15)	1	\$ (0.15)	\$ (0.01)	7.14%
Volumetric Rate Riders	\$ 0.0001	750	\$ 0.08	\$ -	750	\$ -	\$ (0.08)	-100.00%
Sub-Total A (excluding pass through)			\$ 26.35			\$ 27.09	\$ 0.75	2.83%
Line Losses on Cost of Power	\$ 0.1034	53	\$ 5.51	\$ 0.1034	53	\$ 5.51	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0026	750	\$ 1.95	\$ 0.0039	750	\$ 2.93	\$ 0.98	50.00%
CBR Class B Rate Riders	\$ 0.0001	750	\$ (0.08)	\$ -	750	\$ -	\$ 0.08	-100.00%
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0016	750	\$ 1.20	\$ 0.0016	750	\$ 1.20	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 35.50			\$ 37.29	\$ 1.80	5.06%
RTSR - Network	\$ 0.0070	803	\$ 5.62	\$ 0.0072	803	\$ 5.78	\$ 0.16	2.86%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0044	803	\$ 3.53	\$ 0.0045	803	\$ 3.61	\$ 0.08	2.27%
Sub-Total C - Delivery (including Sub-Total B)			\$ 44.65			\$ 46.69	\$ 2.04	4.56%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	803	\$ 2.73	\$ 0.0034	803	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	803	\$ 0.40	\$ 0.0005	803	\$ 0.40	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	480	\$ 39.36	\$ 0.0820	480	\$ 39.36	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	135	\$ 15.26	\$ 0.1130	135	\$ 15.26	\$ -	0.00%
TOU - On Peak	\$ 0.1700	135	\$ 22.95	\$ 0.1700	135	\$ 22.95	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 125.60			\$ 127.64	\$ 2.04	1.62%
HST	13%		\$ 16.33	13%		\$ 16.59	\$ 0.26	1.62%
Ontario Electricity Rebate	18.9%		\$ (23.74)	18.9%		\$ (24.12)	\$ (0.38)	
Total Bill on TOU			\$ 118.19			\$ 120.11	\$ 1.92	1.62%

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	\$ 22.37	1	\$ 22.37	\$ 23.07	1	\$ 23.07	\$ 0.70	3.13%
Distribution Volumetric Rate	\$ 0.0148	2000	\$ 29.60	\$ 0.0153	2000	\$ 30.60	\$ 1.00	3.38%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0010	2000	\$ 2.00	\$ 0.0011	2000	\$ 2.20	\$ 0.20	10.00%
Sub-Total A (excluding pass through)			\$ 53.97			\$ 55.87	\$ 1.90	3.52%
Line Losses on Cost of Power	\$ 0.1034	142	\$ 14.69	\$ 0.1034	142	\$ 14.69	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0026	2,000	\$ 5.20	\$ 0.0039	2,000	\$ 7.80	\$ 2.60	50.00%
CBR Class B Rate Riders	\$ 0.0001	2,000	\$ (0.20)	\$ -	2,000	\$ -	\$ 0.20	-100.00%
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0014	2,000	\$ 2.80	\$ 0.0014	2,000	\$ 2.80	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 77.03			\$ 81.73	\$ 4.70	6.10%
RTSR - Network	\$ 0.0064	2,142	\$ 13.71	\$ 0.0066	2,142	\$ 14.14	\$ 0.43	3.13%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	2,142	\$ 7.71	\$ 0.0037	2,142	\$ 7.93	\$ 0.21	2.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 98.45			\$ 103.79	\$ 5.34	5.43%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,142	\$ 7.28	\$ 0.0034	2,142	\$ 7.28	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,142	\$ 1.07	\$ 0.0005	2,142	\$ 1.07	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	1,280	\$ 104.96	\$ 0.0820	1,280	\$ 104.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	360	\$ 40.68	\$ 0.1130	360	\$ 40.68	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 313.89			\$ 319.23	\$ 5.34	1.70%
HST	13%		\$ 40.81	13%		\$ 41.50	\$ 0.69	1.70%
Ontario Electricity Rebate	18.9%		\$ (59.33)	18.9%		\$ (60.33)	\$ (1.01)	
Total Bill on TOU			\$ 295.37			\$ 300.40	\$ 5.03	1.70%

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	\$ 106.84	1	\$ 106.84	\$ 110.21	1	\$ 110.21	\$ 3.37	3.15%
Distribution Volumetric Rate	\$ 3.4941	250	\$ 873.53	\$ 3.6042	250	\$ 901.05	\$ 27.53	3.15%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0687	250	\$ 17.18	\$ 0.0772	250	\$ 19.30	\$ 2.12	12.37%
Sub-Total A (excluding pass through)			\$ 997.54			\$ 1,030.56	\$ 33.02	3.31%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 1.1037	250	\$ 275.93	\$ 1.6255	250	\$ 406.38	\$ 130.45	47.28%
CBR Class B Rate Riders	\$ 0.0276	250	\$ (6.90)	\$ -	250	\$ -	\$ 6.90	-100.00%
GA Rate Riders	\$ 0.0022	86,000	\$ 189.20	\$ 0.0052	86,000	\$ 447.20	\$ 258.00	136.36%
Low Voltage Service Charge	\$ 0.5215	250	\$ 130.38	\$ 0.5215	250	\$ 130.38	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,586.14			\$ 2,014.51	\$ 428.37	27.01%
RTSR - Network	\$ 2.5250	250	\$ 631.25	\$ 2.6143	250	\$ 653.58	\$ 22.33	3.54%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.5394	250	\$ 384.85	\$ 1.5816	250	\$ 395.40	\$ 10.55	2.74%
Sub-Total C - Delivery (including Sub-Total B)			\$ 2,602.24			\$ 3,063.49	\$ 461.25	17.72%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	92,106	\$ 313.16	\$ 0.0034	92,106	\$ 313.16	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	92,106	\$ 46.05	\$ 0.0005	92,106	\$ 46.05	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1060	92,106	\$ 9,763.24	\$ 0.1060	92,106	\$ 9,763.24	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 12,724.94			\$ 13,186.18	\$ 461.25	3.62%
HST	13%		\$ 1,654.24	13%		\$ 1,714.20	\$ 59.96	3.62%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 14,379.18			\$ 14,900.39	\$ 521.21	3.62%

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	\$ 0.54	1	\$ 0.54	\$ 0.56	1	\$ 0.56	\$ 0.02	3.70%
Distribution Volumetric Rate	\$ 0.0128	150	\$ 1.92	\$ 0.0132	150	\$ 1.98	\$ 0.06	3.12%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 2.46			\$ 2.54	\$ 0.08	3.25%
Line Losses on Cost of Power	\$ 0.1060	11	\$ 1.13	\$ 0.1060	11	\$ 1.13	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0026	150	\$ 0.39	\$ 0.0040	150	\$ 0.60	\$ 0.21	53.85%
CBR Class B Rate Riders	\$ 0.0001	150	\$ (0.02)	\$ -	150	\$ -	\$ 0.02	-100.00%
GA Rate Riders	\$ 0.0022	150	\$ 0.33	\$ 0.0052	150	\$ 0.78	\$ 0.45	136.36%
Low Voltage Service Charge	\$ 0.0014	150	\$ 0.21	\$ 0.0014	150	\$ 0.21	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 4.50			\$ 5.26	\$ 0.76	16.76%
RTSR - Network	\$ 0.0064	161	\$ 1.03	\$ 0.0066	161	\$ 1.06	\$ 0.03	3.12%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	161	\$ 0.58	\$ 0.0037	161	\$ 0.59	\$ 0.02	2.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 6.11			\$ 6.91	\$ 0.80	13.14%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	161	\$ 0.55	\$ 0.0034	161	\$ 0.55	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	161	\$ 0.08	\$ 0.0005	161	\$ 0.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1060	150	\$ 15.90	\$ 0.1060	150	\$ 15.90	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 22.89			\$ 23.69	\$ 0.80	3.51%
HST	13%		\$ 2.98	13%		\$ 3.08	\$ 0.10	3.51%
Ontario Electricity Rebate	18.9%		\$ (4.33)	18.9%		\$ (4.48)		
Total Bill on Average IESO Wholesale Market Price			\$ 25.86			\$ 26.77	\$ 0.91	3.51%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	15,000	kWh
Demand	100	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	\$ 3.91	1000	\$ 3,910.00	\$ 4.03	1000	\$ 4,030.00	\$ 120.00	3.07%
Distribution Volumetric Rate	\$ 16.2946	100	\$ 1,629.46	\$ 16.8079	100	\$ 1,680.79	\$ 51.33	3.15%
Fixed Rate Riders	\$ -	1000	\$ -	\$ -	1000	\$ -	\$ -	
Volumetric Rate Riders	\$ 12.0050	100	\$ 1,200.50	\$ 11.8239	100	\$ 1,182.39	\$ (18.11)	-1.51%
Sub-Total A (excluding pass through)			\$ 6,739.96			\$ 6,893.18	\$ 153.22	2.27%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.9303	100	\$ 93.03	\$ 1.4125	100	\$ 141.25	\$ 48.22	51.83%
CBR Class B Rate Riders	\$ 0.0391	100	\$ (3.91)	\$ -	100	\$ -	\$ 3.91	-100.00%
GA Rate Riders	\$ 0.0022	15,000	\$ 33.00	\$ 0.0052	15,000	\$ 78.00	\$ 45.00	136.36%
Low Voltage Service Charge	\$ 0.4031	100	\$ 40.31	\$ 0.4031	100	\$ 40.31	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1000	\$ -	\$ -	1000	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1000	\$ -	\$ -	1000	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	100	\$ -	\$ -	100	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 6,902.39			\$ 7,152.74	\$ 250.35	3.63%
RTSR - Network	\$ 1.9043	100	\$ 190.43	\$ 1.9716	100	\$ 197.16	\$ 6.73	3.53%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1901	100	\$ 119.01	\$ 1.2227	100	\$ 122.27	\$ 3.26	2.74%
Sub-Total C - Delivery (including Sub-Total B)			\$ 7,211.83			\$ 7,472.17	\$ 260.34	3.61%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	16,065	\$ 54.62	\$ 0.0034	16,065	\$ 54.62	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	16,065	\$ 8.03	\$ 0.0005	16,065	\$ 8.03	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1000	\$ 250.00	\$ 0.25	1000	\$ 250.00	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1060	16,065	\$ 1,702.89	\$ 0.1060	16,065	\$ 1,702.89	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 9,227.37			\$ 9,487.71	\$ 260.34	2.82%
HST	13%		\$ 1,199.56	13%		\$ 1,233.40	\$ 33.84	2.82%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 10,426.93			\$ 10,721.12	\$ 294.18	2.82%

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	\$ 26.41	1	\$ 26.41	\$ 27.24	1	\$ 27.24	\$ 0.83	3.14%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ (0.14)	1	\$ (0.14)	\$ (0.15)	1	\$ (0.15)	\$ (0.01)	7.14%
Volumetric Rate Riders	\$ 0.0001	750	\$ 0.08	\$ -	750	\$ -	\$ (0.08)	-100.00%
Sub-Total A (excluding pass through)			\$ 26.35			\$ 27.09	\$ 0.75	2.83%
Line Losses on Cost of Power	\$ 0.1060	53	\$ 5.64	\$ 0.1060	53	\$ 5.64	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0026	750	\$ 1.95	\$ 0.0039	750	\$ 2.93	\$ 0.98	50.00%
CBR Class B Rate Riders	\$ 0.0001	750	\$ (0.08)	\$ -	750	\$ -	\$ 0.08	-100.00%
GA Rate Riders	\$ 0.0022	750	\$ 1.65	\$ 0.0052	750	\$ 3.90	\$ 2.25	136.36%
Low Voltage Service Charge	\$ 0.0016	750	\$ 1.20	\$ 0.0016	750	\$ 1.20	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 37.28			\$ 41.33	\$ 4.04	10.85%
RTSR - Network	\$ 0.0070	803	\$ 5.62	\$ 0.0072	803	\$ 5.78	\$ 0.16	2.86%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0044	803	\$ 3.53	\$ 0.0045	803	\$ 3.61	\$ 0.08	2.27%
Sub-Total C - Delivery (including Sub-Total B)			\$ 46.44			\$ 50.73	\$ 4.29	9.23%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	803	\$ 2.73	\$ 0.0034	803	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	803	\$ 0.40	\$ 0.0005	803	\$ 0.40	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1060	750	\$ 79.50	\$ 0.1060	750	\$ 79.50	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 129.07			\$ 133.36	\$ 4.29	3.32%
HST	13%		\$ 16.78	13%		\$ 17.34	\$ 0.56	3.32%
Ontario Electricity Rebate	18.9%		\$ (24.40)	18.9%		\$ (25.21)		
Total Bill on Non-RPP Avg. Price			\$ 145.85			\$ 150.70	\$ 4.84	3.32%

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

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 26.41	1	\$ 26.41	\$ 27.24	1	\$ 27.24	\$ 0.83	3.14%
Distribution Volumetric Rate	\$ -	256	\$ -	\$ -	256	\$ -	\$ -	
Fixed Rate Riders	\$ (0.14)	1	\$ (0.14)	\$ (0.15)	1	\$ (0.15)	\$ (0.01)	7.14%
Volumetric Rate Riders	\$ 0.0001	256	\$ 0.03	\$ -	256	\$ -	\$ (0.03)	-100.00%
Sub-Total A (excluding pass through)			\$ 26.30			\$ 27.09	\$ 0.79	3.02%
Line Losses on Cost of Power	\$ 0.1034	18	\$ 1.88	\$ 0.1034	18	\$ 1.88	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0026	256	\$ 0.67	\$ 0.0039	256	\$ 1.00	\$ 0.33	50.00%
CBR Class B Rate Riders	\$ 0.0001	256	\$ (0.03)	\$ -	256	\$ -	\$ 0.03	-100.00%
GA Rate Riders	\$ -	256	\$ -	\$ -	256	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0016	256	\$ 0.41	\$ 0.0016	256	\$ 0.41	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	256	\$ -	\$ -	256	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 29.79			\$ 30.95	\$ 1.15	3.87%
RTSR - Network	\$ 0.0070	274	\$ 1.92	\$ 0.0072	274	\$ 1.97	\$ 0.05	2.86%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0044	274	\$ 1.21	\$ 0.0045	274	\$ 1.23	\$ 0.03	2.27%
Sub-Total C - Delivery (including Sub-Total B)			\$ 32.92			\$ 34.16	\$ 1.24	3.75%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	274	\$ 0.93	\$ 0.0034	274	\$ 0.93	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	274	\$ 0.14	\$ 0.0005	274	\$ 0.14	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	164	\$ 13.43	\$ 0.0820	164	\$ 13.43	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	46	\$ 5.21	\$ 0.1130	46	\$ 5.21	\$ -	0.00%
TOU - On Peak	\$ 0.1700	46	\$ 7.83	\$ 0.1700	46	\$ 7.83	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 60.72			\$ 61.95	\$ 1.24	2.03%
HST	13%		\$ 7.89	13%		\$ 8.05	\$ 0.16	2.03%
Ontario Electricity Rebate	18.9%		\$ (11.48)	18.9%		\$ (11.71)	\$ (0.23)	
Total Bill on TOU			\$ 57.13			\$ 58.30	\$ 1.16	2.03%

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	\$ 22.37	1	\$ 22.37	\$ 23.07	1	\$ 23.07	\$ 0.70	3.13%
Distribution Volumetric Rate	\$ 0.0148	2000	\$ 29.60	\$ 0.0153	2000	\$ 30.60	\$ 1.00	3.38%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0010	2000	\$ 2.00	\$ 0.0011	2000	\$ 2.20	\$ 0.20	10.00%
Sub-Total A (excluding pass through)			\$ 53.97			\$ 55.87	\$ 1.90	3.52%
Line Losses on Cost of Power	\$ 0.1060	142	\$ 15.05	\$ 0.1060	142	\$ 15.05	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0026	2,000	\$ 5.20	\$ 0.0039	2,000	\$ 7.80	\$ 2.60	50.00%
CBR Class B Rate Riders	-\$ 0.0001	2,000	\$ (0.20)	\$ -	2,000	\$ -	\$ 0.20	-100.00%
GA Rate Riders	\$ 0.0022	2,000	\$ 4.40	\$ 0.0052	2,000	\$ 10.40	\$ 6.00	136.36%
Low Voltage Service Charge	\$ 0.0014	2,000	\$ 2.80	\$ 0.0014	2,000	\$ 2.80	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 81.79			\$ 92.49	\$ 10.70	13.08%
RTSR - Network	\$ 0.0064	2,142	\$ 13.71	\$ 0.0066	2,142	\$ 14.14	\$ 0.43	3.13%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	2,142	\$ 7.71	\$ 0.0037	2,142	\$ 7.93	\$ 0.21	2.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 103.21			\$ 114.55	\$ 11.34	10.99%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,142	\$ 7.28	\$ 0.0034	2,142	\$ 7.28	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,142	\$ 1.07	\$ 0.0005	2,142	\$ 1.07	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1060	2,000	\$ 212.00	\$ 0.1060	2,000	\$ 212.00	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 323.57			\$ 334.91	\$ 11.34	3.51%
HST	13%		\$ 42.06	13%		\$ 43.54	\$ 1.47	3.51%
Ontario Electricity Rebate	18.9%		\$ (61.15)	18.9%		\$ (63.30)		
Total Bill on Non-RPP Avg. Price			\$ 365.63			\$ 378.45	\$ 12.82	3.51%

APPENDIX C - IRM Rate Generator



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Quick Link

Ontario Energy Board's 2022 Electricity
Distribution Rate Applications Webpage

Version 1.0

Utility Name	EPCOR Electricity Distribution Ontario Inc.
Assigned EB Number	EB-2021-0020
Name of Contact and Title	Tim Hesselink, Senior Manager, Regulatory Affairs
Phone Number	705-445-1800 ext. 2274
Email Address	thesselink@epcor.com
We are applying for rates effective	Sunday, May 1, 2022
Rate-Setting Method	Price Cap IR
	2013

1. Select the last Cost of Service rebasing year.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7. Retail Transmission Service Rates: EPCOR Electricity Distribution Ontario Inc. is:

8. Have you transitioned to fully fixed rates?

Legend

☐ Pale green cells represent input cells.

☐ Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Please refer to the footnotes for further instructions.

		2018												
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2018	Transactions Debit/ (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments ¹ during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments ¹ during 2018	Closing Interest Amounts as of Dec 31, 2018	Opening Principal Amounts as of Jan 1, 2019	Transactions Debit/ (Credit) during 2019	OEB-Approved Disposition during 2019
Group 1 Accounts														
LV Variance Account	1550	0				0	0				0	0		
Smart Metering Entity Charge Variance Account	1551	0				0	0				0	0		
RSVA - Wholesale Market Service Charge ³	1580	0				0	0				0	0		
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	0				0	0				0	0		
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0	0		
RSVA - Power ⁴	1588	0				0	0				0	0		
RSVA - Global Adjustment ⁴	1589	0				0	0				0	0		
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) ³	1595	0				0					0	0		
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0				0					0	0		
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0					0	0		
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0		(1,714,502)		1,714,502			(9,060)		9,060	1,714,502	(1,368,607)	
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595	0				0	0				0	0		
Disposition and Recovery/Refund of Regulatory Balances (2020) ³	1595	0				0	0				0	0		
Disposition and Recovery/Refund of Regulatory Balances (2021) ³	1595	0				0					0	0		
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0				0	0		
RSVA - Global Adjustment requested for disposition	1589	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance requested for disposition		0	0	0	0	0	0	0	0	0	0	0	0	0
RSVA - Global Adjustment		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	(1,714,502)	0	1,714,502	0	0	(9,060)	0	9,060	1,714,502	(1,368,607)	0
Total Group 1 Balance		0	0	(1,714,502)	0	1,714,502	0	0	(9,060)	0	9,060	1,714,502	(1,368,607)	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0	0		
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		0	0	0	0	0	0	0	0	0	0	0	0	0

For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB decision.

¹ Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

² If the LDC's rate year begins on January 1, 2022, the projected interest is recorded from January 1, 2021 to December 31, 2021 on the December 31, 2020 balances adjusted to remove balances approved for disposition in the 2021 rate decision.

² If the LDC's rate year begins on May 1, 2022, the projected interest is recorded from January 1, 2021 to April 30, 2022 on the December 31, 2020 balances adjusted to remove balances approved for disposition in the 2021 rate decision.

³ The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. Any vintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor.

Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Accounts 1595 (2019), (2020) and (2021) will not be eligible for disposition in the 2022 rate application.

⁴ New accounting guidance effective January 1, 2019 for Accounts 1588 and 1589 was issued Feb. 21, 2019 titled Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589. The amount in the "Transactions" column in this DVA Continuity Schedule are to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" column). Any true-ups/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principal Adjustments" column of this DVA Continuity Schedule.

⁵ RRR balance for Account 1580 RSVA - Wholesale Market Service Charge should equal to the control account as reported in the RRR. This would include the balance for Account 1580, Variance WMS – Sub-account CBR Class B.

2019							2020										2021			
Principal Adjustments ¹ during 2019	Closing Principal Balance as of Dec 31, 2019	Opening Interest Amounts as of Jan 1, 2019	Interest Jan 1 to Dec 31, 2019	OEB-Approved Disposition during 2019	Interest Adjustments ¹ during 2019	Closing Interest Amounts as of Dec 31, 2019	Opening Principal Amounts as of Jan 1, 2020	Transactions Debit/ (Credit) during 2020	OEB-Approved Disposition during 2020	Principal Adjustments ¹ during 2020	Closing Principal Balance as of Dec 31, 2020	Opening Interest Amounts as of Jan 1, 2020	Interest Jan 1 to Dec 31, 2020	OEB-Approved Disposition during 2020	Interest Adjustments ¹ during 2020	Closing Interest Amounts as of Dec 31, 2020	Principal Disposition during 2021 - instructed by OEB	Interest Disposition during 2021 - instructed by OEB	Closing Principal Balances as of Dec 31, 2020 Adjusted for Disposition during 2021	Closing Interest Balances as of Dec 31, 2020 Adjusted for Disposition during 2021
1,097,696	1,097,696	0			24,029	24,029	1,097,696	1,084,449	396,703		1,785,442	24,029	16,873	17,721		23,181	700,993	17,214	1,084,449	5,967
(25,015)	(25,015)	0			(795)	(795)	(25,015)	(6,590)	(18,685)		(12,921)	(795)	(244)	(820)		(218)	(6,330)	(73)	(6,591)	(145)
(80,641)	(80,641)	0			(7,153)	(7,153)	(80,641)	(158,108)	(7,293)		(231,456)	(7,153)	(1,627)	(5,041)		(3,739)	(73,348)	(3,253)	(158,108)	(486)
0	0	0			0	0	0	0			0	0				0			0	0
(26,430)	(26,430)	0			(63)	(63)	(26,430)	(9,626)			(36,057)	(63)	(490)			(543)	(26,430)	(475)	(9,627)	(68)
51,267	51,267	0			1,266	1,266	51,267	166,265	51,981		165,551	1,266	599	2,366		(501)	(714)	(1,111)	166,265	610
68,084	68,084	0			1,082	1,082	68,084	169,428	16,743		220,769	1,082	1,355	1,480		957	51,341	401	169,428	556
(68,028)	(68,028)	0			(12,711)	(12,711)	(68,028)	108,359	(175,940)	(190,411)	25,860	(12,711)	(1,336)	(75)		(13,972)	107,912	(6,962)	(82,052)	(7,010)
320,998	320,998	0			25,163	25,163	320,998	679,204	168,527	(320,558)	511,117	25,163	2,880	6,240		21,803	152,471	17,300	358,646	4,503
0	0	0			0	0	0	0			0	0				0			0	0
0	0	0			0	0	0	0			0	0				0			0	0
0	0	0			0	0	0	0			0	0				0			0	0
	345,895	9,060	37,793			46,853	345,895	(329,076)			16,819	46,853	1,933			48,786			16,819	48,786
205,181	205,181	0			16,445	16,445	205,181	(203,569)			1,613	16,445	1,070			17,515			1,613	17,515
	0	0				0	0	588,820			588,820	0	39,438			39,438			588,820	39,438
	0	0				0	0				0	0				0			0	0
320,998	320,998	0	0	0	25,163	25,163	320,998	679,204	168,527	(320,558)	511,117	25,163	2,880	6,240	0	21,803	152,471	17,300	358,646	4,503
1,016,932	1,016,932	0	0	0	5,654	5,654	1,016,932	1,354,177	263,509	(190,411)	1,917,189	5,654	15,140	15,631	0	5,163	753,424	5,741	1,163,765	(578)
1,337,930	1,337,930	0	0	0	30,818	30,818	1,337,930	2,033,381	432,036	(510,969)	2,428,306	30,818	18,020	21,871	0	26,967	905,895	23,041	1,522,411	3,926
320,998	320,998	0	0	0	25,163	25,163	320,998	679,204	168,527	(320,558)	511,117	25,163	2,880	6,240	0	21,803	152,471	17,300	358,646	4,503
1,222,114	1,568,009	9,060	37,793	0	22,099	68,952	1,568,009	1,410,352	263,509	(190,411)	2,524,441	68,952	57,582	15,631	0	110,903	753,424	5,741	1,771,017	105,162
1,543,111	1,889,007	9,060	37,793	0	47,263	94,115	1,889,007	2,089,556	432,036	(510,969)	3,035,558	94,115	60,462	21,871	0	132,706	905,895	23,041	2,129,663	109,665
380,437	380,437	0				0	380,437	636	276,183		104,890	0	15,680	12,983		2,697	104,254	2,890	636	(193)
1,718,367	1,718,367	0	0	0	30,818	30,818	1,718,367	2,034,017	708,219	(510,969)	2,533,196	30,818	33,699	34,854	0	29,663	1,010,149	25,931	1,523,047	3,732

Projected Interest on Dec-31-2020 Balances					2.1.7 RRR ⁵	
Projected Interest from Jan 1, 2021 to Dec 31, 2021 on Dec 31, 2020 balance adjusted for disposition during 2021 ¹	Projected Interest from Jan 1, 2022 to Apr 30, 2022 on Dec 31, 2020 balance adjusted for disposition during 2021 ²	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2020	Variance RRR vs. 2020 Balance (Principal + Interest)
6,181	2,032	14,181	1,098,630		1,808,623	0
(38)	(12)	(195)	(6,786)		(13,139)	0
(901)	(296)	(1,684)	(159,792)		(271,795)	(36,600)
0	0	0	0		0	0
(55)	(18)	(141)	(9,765)		(36,600)	0
949	312	1,869	168,134		165,050	0
966	318	1,839	171,267		221,726	0
(468)	(154)	(7,632)	(89,684)		232,257	220,369
2,044	672	7,220	365,865		611,424	78,504
0	0	0	0	No	0	0
0	0	0	0	No	0	0
0	0	0	0	No	0	0
96	32	48,913	0	No	65,605	(0)
9	3	17,527	0	No	19,128	0
3,356	1,103	43,898	0	No	628,258	0
0	0	0	0	No		0
2,044	672	7,220	365,865		611,424	78,504
6,633	2,181	8,237	1,172,002		2,855,713	933,360
8,678	2,853	15,456	1,537,867		3,467,137	1,011,864
2,044	672	7,220				
10,095	3,319	118,575				
12,139	3,991	125,795			\$3,467,137	
2,044	672	2,523	3,159			(107,587)
10,722	3,525	17,979	1,541,026		3,467,137	904,278

Please provide an explanation of the variance in the Manager's Summary

Please provide an explanation of the variance in the Manager's Summary

Please provide an explanation of the variance in the Manager's Summary



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Have you confirmed the accuracy of the data below?

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non- RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	134,777,552	0	2,685,384	0	0	0	134,777,552	0	0	16,284
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	42,533,574	0	6,652,736	0	0	0	42,533,574	0	41,675	1,793
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	118,373,282	288,468	107,543,704	260,806	2,539,213	4,917	115,834,069	283,551	16,193	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	396,233	0	5,394	0	0	0	396,233	0	-59	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,224,245	3,430	1,224,245	3,430	0	0	1,224,245	3,430	39,446	
Total		297,304,886	291,898	118,111,463	264,236	2,539,213	4,917	294,765,673	286,981	97,255	18,077

Threshold Test

Total Claim (including Account 1568)

\$1,541,026

Total Claim for Threshold Test (All Group 1 Accounts)

\$1,537,867

Threshold Test (Total claim per kWh) ²

\$0.0052

Currently, the threshold test has been met and the default is that Group 1 account balances will be disposed. If you are requesting not to dispose of the Group 1 account balances, please select NO and provide detailed reasons in the manager's summary.

YES

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.



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	1550	allocated based on Total less WMP			allocated based on Total less WMP		
					1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	45.3%	90.1%	45.7%	498,043	(6,113)	(77,529)	76,220	77,641	(41,007)	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	14.3%	9.9%	14.4%	157,174	(673)	(24,467)	24,054	24,502	(12,941)	41,675
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	39.8%	0.0%	39.3%	437,424	0	(66,632)	66,943	68,191	(35,243)	16,193
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	1,464	0	(228)	224	228	(121)	(59)
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	4,524	0	(704)	692	705	(372)	39,446
Total	100.0%	100.0%	100.0%	1,098,630	(6,786)	(169,560)	168,134	171,267	(89,684)	97,255

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



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

- 1a The year Account 1589 GA was last disposed
- 1b The year Account 1580 CBR Class B was last disposed Note that the sub-account was established in 2015.
- 2a Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed per #1a above to the current year requested for disposition)? (If you received approval to dispose of the CBR Class B account balance as at December 31, 2017, the period the GA variance accumulated would be 2018 to 2020.)
- 2b Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed per #1b above to the current year requested for disposition)? (If you received approval to dispose of the CBR Class B account balance as at December 31, 2017, the period the GA variance accumulated would be 2018 to 2020.)
- 3b Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).

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

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

Rate Class		2020	2019
Rate Class 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	48,385,446	55,254,523
		106,919	115,461



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if applicable.

Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

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

Rate Rider Recovery to be used below

	Total Metered Non-RPP 2020 Consumption excluding WMP kWh	Total Metered 2020 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated kWh	Total Metered 2020 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated kWh	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption) kWh	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	2,685,384	0	0	2,685,384	3.9%	\$14,091	\$0.0052 kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	6,652,736	0	0	6,652,736	9.5%	\$34,908	\$0.0052 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	107,543,704	48,385,446	0	59,158,258	84.8%	\$310,414	\$0.0052 kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,394	0	0	5,394	0.0%	\$28	\$0.0052 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,224,245	0	0	1,224,245	1.8%	\$6,424	\$0.0052 kWh
Total		118,111,463	48,385,446	0	69,726,017	100.0%	\$365,865	

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

The year Account 1580 CBR Class B was last disposed

2019

	Total Metered 2020 Consumption Minus WMP		Total Metered 2020 Consumption for Full Year Class A Customers		Total Metered 2020 Consumption for Transition Customers		Metered Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
	kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	134,777,552	0	0	0	0	134,777,552	0	54.7%	(\$5,343)	\$0.0000	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,533,574	0	0	0	0	42,533,574	0	17.3%	(\$1,686)	\$0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	115,834,069	283,551	48,385,446	106,919	0	67,448,623	176,632	27.4%	(\$2,674)	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	396,233	0	0	0	0	396,233	0	0.2%	(\$16)	\$0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,224,245	3,430	0	0	0	1,224,245	3,430	0.5%	(\$49)	\$0.0000	kW
Total		294,765,673	286,981	48,385,446	106,919	0	246,380,227	180,062	100.0%	(\$9,768)	\$0.0000	

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

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) ²	Deferral/Variance Account Rate Rider ²	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) ²	Account 1568 Rate Rider	Revenue Reconciliation ¹
RESIDENTIAL SERVICE CLASSIFICATION	kWh	134,777,552	0	134,777,552	0	527,256		0.0039	0.0000	0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,533,574	0	42,533,574	0	167,649		0.0039	0.0000	0.0010	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	118,373,282	288,468	115,834,069	283,551	572,559	(101,875)	1.9848	(0.3593)	0.0561	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	396,233	0	396,233	0	1,568		0.0040	0.0000	(0.0001)	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,224,245	3,430	1,224,245	3,430	4,845		1.4125	0.0000	11.5003	
											1,168,614.61

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.



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2013	2022
OEB-Approved Rate Base	\$ 19,642,856	\$ 19,642,856
OEB-Approved Regulatory Taxable Income	\$ 370,482	\$ 370,482
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) ^{1,2}		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.2%
Ontario Small Business Rate (calculated effective rate) ^{1,2}		11.5%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 55,572
Provincial Taxes Payable		\$ 42,605
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	15.5%	26.5%
Total Income Taxes Payable	\$ 57,425	\$ 98,178
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$ -
Income Tax Provision	\$ 57,425	\$ 98,178
Grossed-up Income Taxes	\$ 67,958	\$ 133,575
Incremental Grossed-up Tax Amount		\$ 65,617
Sharing of Tax Amount (50%)		\$ 32,808

Notes

1. Regarding the small business deduction, if applicable,
 - a. If taxable capital exceeds \$15 million, the small business rate will not be applicable.
 - b. If taxable capital is below \$10 million, the small business rate would be applicable.
 - c. If taxable capital is between \$10 million and \$15 million, the appropriate small business rate will be calculated.

2. The OEB's proxy for taxable capital is rate base.

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh	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	134,777,552		20,325	0.10 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,533,574		5,254	0.0001 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	118,373,282	288,468	6,095	0.0211 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	396,233		24	0.0001 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,224,245	3,430	1,110	0.3236 kW
Total		297,304,886	291,898	\$32,808	

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	134,777,552	0	1.0710	144,346,758
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044	134,777,552	0	1.0710	144,346,758
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	42,533,574	0	1.0710	45,553,458
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	42,533,574	0	1.0710	45,553,458
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5250	118,373,282	288,468		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5394	118,373,282	288,468		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	396,233	0	1.0710	424,366
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	396,233	0	1.0710	424,366
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9043	1,224,245	3,430		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1901	1,224,245	3,430		



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

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

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

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

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed.

If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO		Network			Line Connection			Transformation Connection			Total Connection
Month		Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	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	51,806	\$3,3980	\$	176,036				4,323	\$0.8045	\$	3,478	52,286	\$2.0194	\$	105,586	\$	109,064
February	51,879	\$3,3980	\$	176,285				4,449	\$0.8045	\$	3,579	51,969	\$2.0194	\$	104,946	\$	108,525
March	45,870	\$3,3980	\$	155,867				4,123	\$0.8045	\$	3,317	46,074	\$2.0194	\$	93,042	\$	96,358
April	39,235	\$3,3980	\$	133,319				3,386	\$0.8045	\$	2,724	39,235	\$2.0194	\$	79,230	\$	81,955
May	49,607	\$3,3980	\$	168,565				3,512	\$0.8045	\$	2,825	49,607	\$2.0194	\$	100,176	\$	103,002
June	54,538	\$3,3980	\$	185,320				4,127	\$0.8045	\$	3,320	54,538	\$2.0194	\$	110,134	\$	113,454
July	58,819	\$3,3980	\$	199,868				4,431	\$0.8045	\$	3,564	58,819	\$2.0194	\$	118,779	\$	122,344
August	58,128	\$3,3980	\$	197,520				4,230	\$0.8045	\$	3,403	58,128	\$2.0194	\$	117,384	\$	120,788
September	47,873	\$3,3980	\$	162,671				3,560	\$0.8045	\$	2,864	47,873	\$2.0194	\$	96,674	\$	99,538
October	44,516	\$3,3980	\$	151,265				3,537	\$0.8045	\$	2,845	44,516	\$2.0194	\$	89,895	\$	92,741
November	49,747	\$3,3980	\$	169,041				3,868	\$0.8045	\$	3,111	49,747	\$2.0194	\$	100,460	\$	103,571
December	55,183	\$3,3980	\$	187,512				4,733	\$0.8045	\$	3,808	55,183	\$2.0194	\$	111,437	\$	115,244
Total	607,201	\$	3,3980	\$	2,063,269			48,277	\$	0.8045	\$	38,839	607,975	\$	2,0194	\$	1,227,744

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	51,806	\$	3,3980	\$	176,036			4,323	\$	0.8045	\$	3,478	52,286	\$	2,0194	\$	105,586
February	51,879	\$	3,3980	\$	176,285			4,449	\$	0.8045	\$	3,579	51,969	\$	2,0194	\$	104,946
March	45,870	\$	3,3980	\$	155,867			4,123	\$	0.8045	\$	3,317	46,074	\$	2,0194	\$	93,042
April	39,235	\$	3,3980	\$	133,319			3,386	\$	0.8045	\$	2,724	39,235	\$	2,0194	\$	79,230
May	49,607	\$	3,3980	\$	168,565			3,512	\$	0.8045	\$	2,825	49,607	\$	2,0194	\$	100,176
June	54,538	\$	3,3980	\$	185,320			4,127	\$	0.8045	\$	3,320	54,538	\$	2,0194	\$	110,134
July	58,819	\$	3,3980	\$	199,868			4,431	\$	0.8045	\$	3,564	58,819	\$	2,0194	\$	118,779
August	58,128	\$	3,3980	\$	197,520			4,230	\$	0.8045	\$	3,403	58,128	\$	2,0194	\$	117,384
September	47,873	\$	3,3980	\$	162,671			3,560	\$	0.8045	\$	2,864	47,873	\$	2,0194	\$	96,674
October	44,516	\$	3,3980	\$	151,265			3,537	\$	0.8045	\$	2,845	44,516	\$	2,0194	\$	89,895
November	49,747	\$	3,3980	\$	169,041			3,868	\$	0.8045	\$	3,111	49,747	\$	2,0194	\$	100,460
December	55,183	\$	3,3980	\$	187,512			4,733	\$	0.8045	\$	3,808	55,183	\$	2,0194	\$	111,437
Total	607,201	\$	3,40	\$	2,063,269			48,277	\$	0.80	\$	38,839	607,975	\$	2,02	\$	1,227,744

Low Voltage Switchgear Credit (if applicable)

Total including deduction for Low Voltage Switchgear Credit



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	-	\$ 4.6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -		\$ -	
February	-	\$ 4.6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -		\$ -	
March	-	\$ 4.6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -		\$ -	
April	-	\$ 4.6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -		\$ -	
May	-	\$ 4.6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -		\$ -	
June	-	\$ 4.6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -		\$ -	
July	-	\$ 4.9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -		\$ -	
August	-	\$ 4.9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -		\$ -	
September	-	\$ 4.9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -		\$ -	
October	-	\$ 4.9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -		\$ -	
November	-	\$ 4.9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -		\$ -	
December	-	\$ 4.9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -		\$ -	
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -		\$ -	

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	51,806	\$ 3.4778	\$ 180,170	4,323	\$ 0.8128	\$ 3,513	52,286	\$ 2.0458	\$ 106,966	\$		\$ 110,480	
February	51,879	\$ 3.4778	\$ 180,425	4,449	\$ 0.8128	\$ 3,616	51,969	\$ 2.0458	\$ 106,318	\$		\$ 109,934	
March	45,870	\$ 3.4778	\$ 159,527	4,123	\$ 0.8128	\$ 3,351	46,074	\$ 2.0458	\$ 94,258	\$		\$ 97,609	
April	39,235	\$ 3.4778	\$ 136,450	3,386	\$ 0.8128	\$ 2,752	39,235	\$ 2.0458	\$ 80,266	\$		\$ 83,019	
May	49,607	\$ 3.4778	\$ 172,523	3,512	\$ 0.8128	\$ 2,854	49,607	\$ 2.0458	\$ 101,486	\$		\$ 104,340	
June	54,538	\$ 3.4778	\$ 189,672	4,127	\$ 0.8128	\$ 3,355	54,538	\$ 2.0458	\$ 111,574	\$		\$ 114,928	
July	58,819	\$ 3.4778	\$ 204,561	4,431	\$ 0.8128	\$ 3,601	58,819	\$ 2.0458	\$ 120,332	\$		\$ 123,933	
August	58,128	\$ 3.4778	\$ 202,159	4,230	\$ 0.8128	\$ 3,438	58,128	\$ 2.0458	\$ 118,919	\$		\$ 122,357	
September	47,873	\$ 3.4778	\$ 166,491	3,560	\$ 0.8128	\$ 2,894	47,873	\$ 2.0458	\$ 97,938	\$		\$ 100,831	
October	44,516	\$ 3.4778	\$ 154,817	3,537	\$ 0.8128	\$ 2,875	44,516	\$ 2.0458	\$ 91,071	\$		\$ 93,945	
November	49,747	\$ 3.4778	\$ 173,011	3,868	\$ 0.8128	\$ 3,144	49,747	\$ 2.0458	\$ 101,773	\$		\$ 104,917	
December	55,183	\$ 3.4778	\$ 191,916	4,733	\$ 0.8128	\$ 3,847	55,183	\$ 2.0458	\$ 112,894	\$		\$ 116,741	
Total	607,201	\$ 3.48	\$ 2,111,723	48,277	\$ 0.81	\$ 39,240	607,975	\$ 2.05	\$ 1,243,795	\$		\$ 1,283,034	

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

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

Total				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	51,806	\$ 3.4778	\$ 180,170	4,323	\$ 0.8128	\$ 3,513	52,286	\$ 2.0458	\$ 106,966	\$		\$ 110,480	
February	51,879	\$ 3.4778	\$ 180,425	4,449	\$ 0.8128	\$ 3,616	51,969	\$ 2.0458	\$ 106,318	\$		\$ 109,934	
March	45,870	\$ 3.4778	\$ 159,527	4,123	\$ 0.8128	\$ 3,351	46,074	\$ 2.0458	\$ 94,258	\$		\$ 97,609	
April	39,235	\$ 3.4778	\$ 136,450	3,386	\$ 0.8128	\$ 2,752	39,235	\$ 2.0458	\$ 80,266	\$		\$ 83,019	
May	49,607	\$ 3.4778	\$ 172,523	3,512	\$ 0.8128	\$ 2,854	49,607	\$ 2.0458	\$ 101,486	\$		\$ 104,340	
June	54,538	\$ 3.4778	\$ 189,672	4,127	\$ 0.8128	\$ 3,355	54,538	\$ 2.0458	\$ 111,574	\$		\$ 114,928	
July	58,819	\$ 3.4778	\$ 204,561	4,431	\$ 0.8128	\$ 3,601	58,819	\$ 2.0458	\$ 120,332	\$		\$ 123,933	
August	58,128	\$ 3.4778	\$ 202,159	4,230	\$ 0.8128	\$ 3,438	58,128	\$ 2.0458	\$ 118,919	\$		\$ 122,357	
September	47,873	\$ 3.4778	\$ 166,491	3,560	\$ 0.8128	\$ 2,894	47,873	\$ 2.0458	\$ 97,938	\$		\$ 100,831	
October	44,516	\$ 3.4778	\$ 154,817	3,537	\$ 0.8128	\$ 2,875	44,516	\$ 2.0458	\$ 91,071	\$		\$ 93,945	
November	49,747	\$ 3.4778	\$ 173,011	3,868	\$ 0.8128	\$ 3,144	49,747	\$ 2.0458	\$ 101,773	\$		\$ 104,917	
December	55,183	\$ 3.4778	\$ 191,916	4,733	\$ 0.8128	\$ 3,847	55,183	\$ 2.0458	\$ 112,894	\$		\$ 116,741	
Total	607,201	\$ 3.48	\$ 2,111,723	48,277	\$ 0.81	\$ 39,240	607,975	\$ 2.05	\$ 1,243,795	\$		\$ 1,283,034	

Low Voltage Switchgear Credit (if applicable)												\$ -
Total including deduction for Low Voltage Switchgear Credit												\$ 1,283,034



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2022 Uniform Transmission Rates are applied against historical 2020 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
February	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
March	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
April	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
May	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
June	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
July	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
August	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
September	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
October	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
November	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
December	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	51,806	\$ 3.4778	\$ 180,170	4,323	\$ 0.8128	\$ 3,513	52,286	\$ 2.0458	\$ 106,966	\$ 110,480
February	51,879	\$ 3.4778	\$ 180,425	4,449	\$ 0.8128	\$ 3,616	51,969	\$ 2.0458	\$ 106,318	\$ 109,934
March	45,870	\$ 3.4778	\$ 159,527	4,123	\$ 0.8128	\$ 3,351	46,074	\$ 2.0458	\$ 94,258	\$ 97,609
April	39,235	\$ 3.4778	\$ 136,450	3,386	\$ 0.8128	\$ 2,752	39,235	\$ 2.0458	\$ 80,266	\$ 83,019
May	49,607	\$ 3.4778	\$ 172,523	3,512	\$ 0.8128	\$ 2,854	49,607	\$ 2.0458	\$ 101,486	\$ 104,340
June	54,538	\$ 3.4778	\$ 189,672	4,127	\$ 0.8128	\$ 3,355	54,538	\$ 2.0458	\$ 111,574	\$ 114,928
July	58,819	\$ 3.4778	\$ 204,561	4,431	\$ 0.8128	\$ 3,601	58,819	\$ 2.0458	\$ 120,332	\$ 123,933
August	58,128	\$ 3.4778	\$ 202,159	4,230	\$ 0.8128	\$ 3,438	58,128	\$ 2.0458	\$ 118,919	\$ 122,357
September	47,873	\$ 3.4778	\$ 166,491	3,560	\$ 0.8128	\$ 2,894	47,873	\$ 2.0458	\$ 97,938	\$ 100,831
October	44,516	\$ 3.4778	\$ 154,817	3,537	\$ 0.8128	\$ 2,875	44,516	\$ 2.0458	\$ 91,071	\$ 93,945
November	49,747	\$ 3.4778	\$ 173,011	3,868	\$ 0.8128	\$ 3,144	49,747	\$ 2.0458	\$ 101,773	\$ 104,917
December	55,183	\$ 3.4778	\$ 191,916	4,733	\$ 0.8128	\$ 3,847	55,183	\$ 2.0458	\$ 112,894	\$ 116,741
Total	607,201	\$ 3.48	\$ 2,111,723	48,277	\$ 0.81	\$ 39,240	607,975	\$ 2.05	\$ 1,243,795	\$ 1,283,034

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

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

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	51,806	\$ 3.48	\$ 180,170	4,323	\$ 0.81	\$ 3,513	52,286	\$ 2.05	\$ 106,966	\$ 110,480
February	51,879	\$ 3.48	\$ 180,425	4,449	\$ 0.81	\$ 3,616	51,969	\$ 2.05	\$ 106,318	\$ 109,934
March	45,870	\$ 3.48	\$ 159,527	4,123	\$ 0.81	\$ 3,351	46,074	\$ 2.05	\$ 94,258	\$ 97,609
April	39,235	\$ 3.48	\$ 136,450	3,386	\$ 0.81	\$ 2,752	39,235	\$ 2.05	\$ 80,266	\$ 83,019
May	49,607	\$ 3.48	\$ 172,523	3,512	\$ 0.81	\$ 2,854	49,607	\$ 2.05	\$ 101,486	\$ 104,340
June	54,538	\$ 3.48	\$ 189,672	4,127	\$ 0.81	\$ 3,355	54,538	\$ 2.05	\$ 111,574	\$ 114,928
July	58,819	\$ 3.48	\$ 204,561	4,431	\$ 0.81	\$ 3,601	58,819	\$ 2.05	\$ 120,332	\$ 123,933
August	58,128	\$ 3.48	\$ 202,159	4,230	\$ 0.81	\$ 3,438	58,128	\$ 2.05	\$ 118,919	\$ 122,357
September	47,873	\$ 3.48	\$ 166,491	3,560	\$ 0.81	\$ 2,894	47,873	\$ 2.05	\$ 97,938	\$ 100,831
October	44,516	\$ 3.48	\$ 154,817	3,537	\$ 0.81	\$ 2,875	44,516	\$ 2.05	\$ 91,071	\$ 93,945
November	49,747	\$ 3.48	\$ 173,011	3,868	\$ 0.81	\$ 3,144	49,747	\$ 2.05	\$ 101,773	\$ 104,917
December	55,183	\$ 3.48	\$ 191,916	4,733	\$ 0.81	\$ 3,847	55,183	\$ 2.05	\$ 112,894	\$ 116,741
Total	607,201	\$ 3.48	\$ 2,111,723	48,277	\$ 0.81	\$ 39,240	607,975	\$ 2.05	\$ 1,243,795	\$ 1,283,034

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 1,283,034

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	144,346,758	0	1,010,427	49.5%	1,046,158	0.0072
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	45,553,458	0	291,542	14.3%	301,852	0.0066
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5250		288,468	728,382	35.7%	754,139	2.6143
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	424,366	0	2,716	0.1%	2,812	0.0066
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9043		3,430	6,532	0.3%	6,763	1.9716

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	0.0044	144,346,758	0	635,126	50.9%	652,539	0.0045
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	45,553,458	0	163,992	13.1%	168,489	0.0037
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5394		288,468	444,068	35.6%	456,243	1.5816
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	424,366	0	1,528	0.1%	1,570	0.0037
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1901		3,430	4,082	0.3%	4,194	1.2227

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	144,346,758	0	1,046,158	49.5%	1,046,158	0.0072
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	45,553,458	0	301,852	14.3%	301,852	0.0066
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6143		288,468	754,139	35.7%	754,139	2.6143
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	424,366	0	2,812	0.1%	2,812	0.0066
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9716		3,430	6,763	0.3%	6,763	1.9716

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045	144,346,758	0	652,539	50.9%	652,539	0.0045
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0037	45,553,458	0	168,489	13.1%	168,489	0.0037
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5816		288,468	456,243	35.6%	456,243	1.5816
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0037	424,366	0	1,570	0.1%	1,570	0.0037
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2227		3,430	4,194	0.3%	4,194	1.2227



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Price Escalator	3.30%	Productivity Factor	0.00%
Choose Stretch Factor Group	II	Price Cap Index	3.15%
Associated Stretch Factor Value	0.15%		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	26.41				3.15%	27.24	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	22.37		0.0148		3.15%	23.07	0.0153
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	106.84		3.4941		3.15%	110.21	3.6042
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.54		0.0128		3.15%	0.56	0.0132
STREET LIGHTING SERVICE CLASSIFICATION	3.91		16.2946		3.15%	4.03	16.8079
microFIT SERVICE CLASSIFICATION	4.55					4.55	

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

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Regulatory Charges

Effective Date of Regulatory Charges		January 1, 2021	January 1, 2022
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.25	0.25

Time-of-Use RPP Prices

As of		May 1, 2021
Off-Peak	\$/kWh	0.0820
Mid-Peak	\$/kWh	0.1130
On-Peak	\$/kWh	0.1700

Smart Meter Entity Charge (SME)

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

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

Miscellaneous Service Charges

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

Retail Service Charges		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.24	2.20%	106.53
Monthly fixed charge, per retailer	\$	41.70	2.20%	42.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.04	2.20%	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62	2.20%	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)	2.20%	(0.63)
Service Transaction Requests (STR)			2.20%	-
Request fee, per request, applied to the requesting party	\$	0.52	2.20%	0.53
Processing fee, per request, applied to the requesting party	\$	1.04	2.20%	1.06
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.17	2.20%	4.26
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08	2.20%	2.13

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

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

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

APPENDIX D - LRAMVA Work Form



Ontario Energy Board

LRAMVA Work Form: Summary Tab

Version 1.0 (2022)

Legend

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

LDC Name

EPCOR Electricity Distribution Ontario Inc.

Application Details

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

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)	EB-2020-0018
Application of Previous LRAMVA Claim	2013 COS
Period of LRAMVA Claimed in Previous Application	2019
Amount of LRAMVA Claimed in Previous Application	\$ 107,143.71

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2021-0020
Application of Current LRAMVA Claim	2013 COS
Period of New LRAMVA in this Application	2020
Period of Rate Recovery (# years)	1

C. Documentation of Changes

Original Amount	
Amount for Final Disposition	

Actual Lost Revenues (\$)	A	\$	144,194
Forecast Lost Revenues (\$)	B	\$	47,628
Carrying Charges (\$)	C	\$	689
LRAMVA (\$) for Account 1568	A-B+C	\$	97,255

Table 1-a. LRAMVA Totals by Rate Class

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

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

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

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$0	\$0	\$0
GS<50 kW	kWh	\$41,379	\$295	\$41,674
GS>50 kW	kW	\$16,079	\$115	\$16,193
Streetlights	kW	\$39,166	\$280	\$39,446
Unmetered Scattered Load	KWh	-\$59	\$0	-\$59
Total		\$96,565	\$689	\$97,255

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.

LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load				
		kWh	kWh	kW	kW	KWh	0	0	0	0
2020 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$49,253.80	\$52,600.09	\$42,340.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Forecast		\$0.00	(\$7,874.73)	(\$36,521.50)	(\$3,173.65)	(\$58.55)	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
Carrying Charges		\$0.00	\$295.43	\$114.79	\$279.63	(\$0.42)	\$0.00	\$0.00	\$0.00	\$0.00
Total LRAMVA Balance		\$0	\$41,674	\$16,193	\$39,446	-\$59	\$0	\$0	\$0	\$0

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



LRAMVA Work Form: Forecast Lost Revenues

Legend

User Inputs (Green)

Drop Down List (Blue)

Auto Populated Cells (White)

Instructions (Grey)

Table 2-a. LRAMVA Threshold

2013

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

Years Included in Threshold 2013 COS

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

Table 2-c. Inputs for LRAMVA Thresholds

Year	LRAMVA Threshold	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load
		kWh	kWh	kW	kW	KWh
2011		0	0	0	0	0
2012		0	0	0	0	0
2013	2013	1,345,003	543,085	10,671	196	4,684
2014	2013	1,345,003	543,085	10,671	196	4,684
2015	2013	1,345,003	543,085	10,671	196	4,684
2016	2013	1,345,003	543,085	10,671	196	4,684
2017	2013	1,345,003	543,085	10,671	196	4,684

2018	2013	1,345,003	543,085	10,671	196	4,684
2019	2013	1,345,003	543,085	10,671	196	4,684
2020	2013	1,345,003	543,085	10,671	196	4,684

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



LRAMVA Work Form: Distribution Rates

Version 6.0 (2022)

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

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

	Billing Unit	EB-2009-0220	EB-2010-0076	EB-2011-0163	EB-2012-0116	EB-2013-0121	EB-2014-0065	EB-2015-0062	EB-2016-0064	EB-2017-0034	EB-2018-0025	EB-2019-0027	EB-2020-0018
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		0	4	4	9	4	4	4	4	4	4	4	4
Period 2 (# months)		12	8	8	3	8	8	8	8	8	8	8	8
Residential	kWh	\$ 0.0178	\$ 0.0169	\$ 0.0170	\$ 0.0193	\$ 0.0196	\$ 0.0199	\$ 0.0152	\$ 0.0103	\$ 0.0053	\$ -	\$ -	\$ -
Rate rider for tax sharing		-\$ 0.0001	-\$ 0.0001	-\$ 0.0002									
Rate rider for foregone revenue					\$ 0.0005								
Other													
Adjusted rate		\$ 0.0178	\$ 0.0168	\$ 0.0168	\$ 0.0198	\$ 0.0196	\$ 0.0199	\$ 0.0152	\$ 0.0103	\$ 0.0053	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 0.0171	\$ 0.0168	\$ 0.0168	\$ 0.0175	\$ 0.0175	\$ 0.0198	\$ 0.0168	\$ 0.0119	\$ 0.0070	\$ 0.0018	\$ -	\$ -
GS<50 kW	kWh	\$ 0.0112	\$ 0.0112	\$ 0.0113	\$ 0.0131	\$ 0.0133	\$ 0.0135	\$ 0.0137	\$ 0.0139	\$ 0.0140	\$ 0.0142	\$ 0.0145	
Rate rider for tax sharing		-\$ 0.0001	-\$ 0.0001	-\$ 0.0001				\$ 0.0001	\$ 0.0001	\$ 0.0001	\$ 0.0001	\$ 0.0001	
Rate rider for foregone revenue					\$ 0.0005								
Other													
Adjusted rate		\$ 0.0112	\$ 0.0111	\$ 0.0112	\$ 0.0136	\$ 0.0133	\$ 0.0135	\$ 0.0138	\$ 0.0140	\$ 0.0141	\$ 0.0143	\$ 0.0146	\$ -
Calendar year equivalent		\$ 0.0111	\$ 0.0111	\$ 0.0112	\$ 0.0118	\$ 0.0134	\$ 0.0134	\$ 0.0137	\$ 0.0139	\$ 0.0141	\$ 0.0142	\$ 0.0145	\$ 0.0049
GS>50 kW	kW	\$ 2.2849	\$ 2.6222	\$ 2.6400	\$ 3.0850	\$ 3.1282	\$ 3.1689	\$ 3.2259	\$ 3.2824	\$ 3.3169	\$ 3.3617	\$ 3.4239	
Rate rider for tax sharing		-\$ 0.0086	-\$ 0.0086	-\$ 0.0240				\$ 0.0206	\$ 0.0201	\$ 0.0191	\$ 0.0196	\$ 0.0192	
Rate rider for foregone revenue					\$ 0.0088								
Other													
Adjusted rate		\$ 2.2849	\$ 2.6136	\$ 2.6160	\$ 3.0938	\$ 3.1282	\$ 3.1689	\$ 3.2465	\$ 3.3025	\$ 3.3360	\$ 3.3813	\$ 3.4431	
Calendar year equivalent		\$ 2.5040	\$ 2.6152	\$ 2.6152	\$ 2.7355	\$ 3.1167	\$ 3.1553	\$ 3.2206	\$ 3.2838	\$ 3.3248	\$ 3.3662	\$ 3.4225	
Streetlights	kW	\$ 11.2240	\$ 13.9108	\$ 14.0054	\$ 14.3874	\$ 14.5888	\$ 14.7785	\$ 15.0445	\$ 15.3078	\$ 15.4685	\$ 15.6773	\$ 15.9673	
Rate rider for tax sharing		-\$ 0.0899	-\$ 0.0899	-\$ 0.2505				\$ 0.1812	\$ 0.1808	\$ 0.1906	\$ 0.3091	\$ 0.3277	
Rate rider for foregone revenue					\$ 0.0002								
Other													
Adjusted rate		\$ 11.2240	\$ 13.8209	\$ 13.7549	\$ 14.3876	\$ 14.5888	\$ 14.7785	\$ 15.2257	\$ 15.4886	\$ 15.6591	\$ 15.9864	\$ 16.2950	
Calendar year equivalent		\$ 12.9553	\$ 13.7769	\$ 13.7769	\$ 13.9131	\$ 14.5217	\$ 14.7153	\$ 15.0766	\$ 15.4010	\$ 15.6023	\$ 15.8773	\$ 16.1921	
Unmetered Scattered Load	KWh	\$ 0.0176	\$ 0.0176	\$ 0.0177	\$ 0.0113	\$ 0.0115	\$ 0.0116	\$ 0.0118	\$ 0.0120	\$ 0.0121	\$ 0.0123	\$ 0.0125	
Rate rider for tax sharing		-\$ 0.0024	-\$ 0.0017	-\$ 0.0001				\$ 0.0001	\$ 0.0001	\$ 0.0001	\$ 0.0001	\$ 0.0001	
Rate rider for foregone revenue					-\$ 0.0075								
Other													
Adjusted rate		\$ 0.0152	\$ 0.0159	\$ 0.0176	\$ 0.0038	\$ 0.0115	\$ 0.0116	\$ 0.0119	\$ 0.0121	\$ 0.0122	\$ 0.0124	\$ 0.0126	
Calendar year equivalent		\$ 0.0157	\$ 0.0170	\$ 0.0170	\$ 0.0142	\$ 0.0089	\$ 0.0116	\$ 0.0118	\$ 0.0120	\$ 0.0122	\$ 0.0123	\$ 0.0125	

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. Please clear the rates related to the year(s) that are not part of the LRAMVA claim.

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load								
	kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0
2011	\$0.0171	\$0.0111	\$2.5040	\$12.9553	\$0.0157	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0168	\$0.0112	\$2.6152	\$13.7769	\$0.0170	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0175	\$0.0118	\$2.7355	\$13.9131	\$0.0142	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0197	\$0.0134	\$3.1167	\$14.5217	\$0.0089	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0198	\$0.0134	\$3.1553	\$14.7153	\$0.0116	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0168	\$0.0137	\$3.2206	\$15.0766	\$0.0118	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0119	\$0.0139	\$3.2838	\$15.4010	\$0.0120	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0070	\$0.0141	\$3.3248	\$15.6023	\$0.0122	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0018	\$0.0142	\$3.3662	\$15.8773	\$0.0123	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2020	\$0.0000	\$0.0145	\$3.4225	\$16.1921	\$0.0125	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

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

LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

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	\$0.00	\$0.00	\$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		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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 2011																		\$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

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	
2012 Savings Persisting in 2014				182,798	629,297	2,039	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	
2012 Savings Persisting in 2016				161,603	553,023	1,919	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	
2012 Savings Persisting in 2018				101,166	452,433	1,860	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	
2012 Savings Persisting in 2020				91,876	426,996	1,837	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

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	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	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	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	\$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	\$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	\$0.00	\$16,222.12
Lost Revenue in 2013 from 2013 programs				\$3,250.94	\$9,540.63	\$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	\$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	\$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	\$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	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	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	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	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	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	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	0

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

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										

Program	Status	2014	2014	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load										Total
Consumer Program				kWh	kWh	kW	kW	kWh	0	0	0	0	0	0	0	0	0	
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	
Forecast CDM Savings in 2014				1,345,003	543,085	10,671	196	4,684	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	
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	\$18,482.57
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	\$69,929.14
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	
2014 Savings Persisting in 2016				547,052	886,424	1,076	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	
2014 Savings Persisting in 2018				527,221	822,732	573	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	
2014 Savings Persisting in 2020				506,523	818,038	562	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

Table 5-a. 2015 Lost Revenues Work Form

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA					
		2015	2015	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
Legacy Framework									
				kWh	kWh	kW	kW	KWh	
Actual CDM Savings in 2015		1,948,797	289	588,649	596,194	1,277	0	0	
Forecast CDM Savings in 2015				1,345,003	543,085	10,671	196	4,684	
Distribution Rate in 2015				\$0.01980	\$0.01340	\$3.15530	\$14.71530	\$0.01160	
Lost Revenue in 2015 from 2011 programs				\$4,620.51	\$2,458.54	\$1,904.19	\$0.00	\$0.00	\$8,983.24
Lost Revenue in 2015 from 2012 programs				\$3,602.75	\$7,410.50	\$6,054.50	\$0.00	\$0.00	\$17,067.75
Lost Revenue in 2015 from 2013 programs				\$3,516.08	\$10,709.11	\$4,096.68	\$0.00	\$0.00	\$18,321.88
Lost Revenue in 2015 from 2014 programs				\$11,457.02	\$16,227.06	\$3,395.91	\$0.00	\$0.00	\$31,079.99
Lost Revenue in 2015 from 2015 programs				\$11,655.25	\$7,989.01	\$4,029.06	\$0.00	\$0.00	\$23,673.32
Total Lost Revenues in 2015				\$34,851.61	\$44,794.22	\$19,480.34	\$0.00	\$0.00	\$99,126.17
Forecast Lost Revenues in 2015				\$26,631.06	\$7,277.34	\$33,670.21	\$2,884.20	\$54.33	\$70,517.14
LRAMVA in 2015									\$28,609.04
2015 Savings Persisting in 2016				578,990	569,603	1,277	0	0	
2015 Savings Persisting in 2017				578,378	540,951	1,322	0	0	
2015 Savings Persisting in 2018				577,661	553,115	1,322	0	0	
2015 Savings Persisting in 2019				572,254	553,115	1,322	0	0	
2015 Savings Persisting in 2020				566,149	553,115	1,322	0	0	

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

[Return to top](#)

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA					
		2016	2016	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
Legacy Framework									
Actual CDM Savings in 2016		2,882,871	287	1,844,337	504,701	936	0	0	
Forecast CDM Savings in 2016				1,345,003	543,085	10,671	196	4,684	
Distribution Rate in 2016				\$0.01680	\$0.01370	\$3.22060	\$15.07660	\$0.01180	
Lost Revenue in 2016 from 2011 programs				\$3,034.64	\$2,513.58	\$1,943.60	\$0.00	\$0.00	\$7,491.82
Lost Revenue in 2016 from 2012 programs				\$2,714.93	\$7,576.41	\$6,179.80	\$0.00	\$0.00	\$16,471.14
Lost Revenue in 2016 from 2013 programs				\$2,866.59	\$9,597.44	\$4,181.46	\$0.00	\$0.00	\$16,645.50
Lost Revenue in 2016 from 2014 programs				\$9,190.47	\$12,144.01	\$3,466.19	\$0.00	\$0.00	\$24,800.67
Lost Revenue in 2016 from 2015 programs				\$9,727.03	\$7,803.56	\$4,112.44	\$0.00	\$0.00	\$21,643.03
Lost Revenue in 2016 from 2016 programs				\$30,984.86	\$6,914.40	\$3,013.72	\$0.00	\$0.00	\$40,912.97
Total Lost Revenues in 2016				\$58,518.52	\$46,549.40	\$22,897.21	\$0.00	\$0.00	\$127,965.14

Forecast Lost Revenues in 2016	\$22,596.05	\$7,440.26	\$34,367.02	\$2,955.01	\$55.27	\$67,413.62
LRAMVA in 2016						\$60,551.51
2016 Savings Persisting in 2017	1,527,195	504,300	936	0	0	
2016 Savings Persisting in 2018	1,527,195	504,300	936	0	0	
2016 Savings Persisting in 2019	1,527,195	483,103	936	0	0	
2016 Savings Persisting in 2020	1,527,195	467,574	936	0	0	

Note: LDC to make note of key assumptions included above

Table 5-c. 2017 Lost Revenues Work Form

[Return to top](#)

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	
Actual CDM Savings in 2017		7,883,886	1,215	4,329,929	115,235	3,839	2,531	0	
Forecast CDM Savings in 2017				1,345,003	543,085	10,671	196	4,684	
Distribution Rate in 2017				\$0.01190	\$0.01390	\$3.28380	\$15.40100	\$0.01200	
Lost Revenue in 2017 from 2011 programs				\$1,797.46	\$1,684.32	\$1,981.74	\$0.00	\$0.00	\$5,463.52
Lost Revenue in 2017 from 2012 programs				\$1,445.91	\$6,354.56	\$6,271.63	\$0.00	\$0.00	\$14,072.11
Lost Revenue in 2017 from 2013 programs				\$1,818.92	\$8,522.71	\$4,112.15	\$0.00	\$0.00	\$14,453.78
Lost Revenue in 2017 from 2014 programs				\$6,486.63	\$11,435.98	\$3,463.02	\$0.00	\$0.00	\$21,385.63
Lost Revenue in 2017 from 2015 programs				\$6,882.69	\$7,519.22	\$4,340.87	\$0.00	\$0.00	\$18,742.78
Lost Revenue in 2017 from 2016 programs				\$18,173.62	\$7,009.76	\$3,072.86	\$0.00	\$0.00	\$28,256.24
Lost Revenue in 2017 from 2017 programs				\$51,526.16	\$1,601.77	\$12,607.62	\$38,982.09	\$0.00	\$104,717.63
Total Lost Revenues in 2017				\$88,131.40	\$44,128.32	\$35,849.89	\$38,982.09	\$0.00	\$207,091.69
Forecast Lost Revenues in 2017				\$16,005.54	\$7,548.88	\$35,041.43	\$3,018.60	\$56.21	\$61,670.65
LRAMVA in 2017									\$145,421.04
2017 Savings Persisting in 2018				3,636,991	115,480	3,966	2,615	0	
2017 Savings Persisting in 2019				3,636,991	110,508	3,966	2,615	0	
2017 Savings Persisting in 2020				3,636,991	110,508	3,966	2,615	0	

Note: LDC to make note of key assumptions included above

Table 5-d. 2018 Lost Revenues Work Form

[Return to top](#)

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA					
		2018	2018	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
Legacy Framework									
Actual CDM Savings in 2018		2,133,436	278	784,426	203,215	2,974	0	0	
Forecast CDM Savings in 2018				1,345,003	543,085	10,671	196	4,684	
Distribution Rate in 2018				\$0.00700	\$0.01410	\$3.32480	\$15.60230	\$0.01220	
Lost Revenue in 2018 from 2011 programs				\$1,054.43	\$1,708.55	\$2,006.48	\$0.00	\$0.00	\$4,769.46
Lost Revenue in 2018 from 2012 programs				\$708.16	\$6,379.31	\$6,183.53	\$0.00	\$0.00	\$13,271.00
Lost Revenue in 2018 from 2013 programs				\$985.68	\$8,587.67	\$3,990.11	\$0.00	\$0.00	\$13,563.46
Lost Revenue in 2018 from 2014 programs				\$3,690.55	\$11,600.52	\$1,906.33	\$0.00	\$0.00	\$17,197.40
Lost Revenue in 2018 from 2015 programs				\$4,043.63	\$7,798.92	\$4,395.07	\$0.00	\$0.00	\$16,237.61
Lost Revenue in 2018 from 2016 programs				\$10,690.36	\$7,110.62	\$3,111.22	\$0.00	\$0.00	\$20,912.21
Lost Revenue in 2018 from 2017 programs				\$25,458.94	\$1,628.27	\$13,186.89	\$40,797.76	\$0.00	\$81,071.86
Lost Revenue in 2018 from 2018 programs				\$5,490.98	\$2,865.33	\$9,887.71	\$0.00	\$0.00	\$18,244.02
Total Lost Revenues in 2018				\$52,122.73	\$47,679.20	\$44,667.34	\$40,797.76	\$0.00	\$185,267.03
Forecast Lost Revenues in 2018				\$9,415.02	\$7,657.50	\$35,478.94	\$3,058.05	\$57.14	\$55,666.66
LRAMVA in 2018									\$129,600.37

2018 Savings Persisting in 2019	778,399	195,854	2,974	0	0
2018 Savings Persisting in 2020	778,016	180,523	2,959	0	0

Note: LDC to make note of key assumptions included above

Table 5-e. 2019 Lost Revenues Work Form

[Return to top](#)

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA					
		2019	2019	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
Legacy Framework				kWh	kWh	kW	kW	KWh	
Actual CDM Savings in 2019		1,249,756	134	13,076	43,057	1,537	0	0	
Forecast CDM Savings in 2019				1,345,003	543,085	10,671	196	4,684	
Distribution Rate in 2019				\$0.00180	\$0.01420	\$3.36620	\$15.87730	\$0.01230	
Lost Revenue in 2019 from 2011 programs				\$314.54	\$1,720.67	\$2,031.47	\$0.00	\$0.00	\$4,066.67
Lost Revenue in 2019 from 2012 programs				\$180.61	\$6,424.55	\$6,260.53	\$0.00	\$0.00	\$12,865.68
Lost Revenue in 2019 from 2013 programs				\$251.29	\$8,648.58	\$4,039.79	\$0.00	\$0.00	\$12,939.67
Lost Revenue in 2019 from 2014 programs				\$915.20	\$11,682.80	\$1,930.07	\$0.00	\$0.00	\$14,528.06
Lost Revenue in 2019 from 2015 programs				\$1,030.06	\$7,854.23	\$4,449.79	\$0.00	\$0.00	\$13,334.08
Lost Revenue in 2019 from 2016 programs				\$2,748.95	\$6,860.06	\$3,149.96	\$0.00	\$0.00	\$12,758.98
Lost Revenue in 2019 from 2017 programs				\$6,546.58	\$1,569.21	\$13,350.88	\$41,516.85	\$0.00	\$62,983.53
Lost Revenue in 2019 from 2018 programs				\$1,401.12	\$2,781.12	\$10,010.83	\$0.00	\$0.00	\$14,193.07
Lost Revenue in 2019 from 2019 programs				\$23.54	\$611.41	\$5,172.51	\$0.00	\$0.00	\$5,807.46
Total Lost Revenues in 2019				\$13,411.88	\$48,152.63	\$50,395.83	\$41,516.85	\$0.00	\$153,477.20
Forecast Lost Revenues in 2019				\$2,421.01	\$7,711.81	\$35,920.72	\$3,111.95	\$57.61	\$49,223.10
LRAMVA in 2019									\$104,254.10
2019 Savings Persisting in 2020				13,076	41,244	1,537	0	0	

Note: LDC to make note of key assumptions included above

Table 5-f. 2020 Lost Revenues Work Form

[Return to top](#)

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA					
		2020	2020	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
Legacy Framework				kWh	kWh	kW	kW	KWh	
Actual CDM Savings in 2020		368,065	67	0	69,932	647	0	0	
Forecast CDM Savings in 2020				1,345,003	543,085	10,671	196	4,684	
Distribution Rate in 2020				\$0.00000	\$0.01450	\$3.42250	\$16.19210	\$0.01250	
Lost Revenue in 2020 from 2011 programs				\$0.00	\$1,757.02	\$2,065.44	\$0.00	\$0.00	\$3,822.47
Lost Revenue in 2020 from 2012 programs				\$0.00	\$6,191.44	\$5,603.67	\$0.00	\$0.00	\$11,795.11
Lost Revenue in 2020 from 2013 programs				\$0.00	\$8,811.60	\$4,107.36	\$0.00	\$0.00	\$12,918.96
Lost Revenue in 2020 from 2014 programs				\$0.00	\$11,861.55	\$1,922.73	\$0.00	\$0.00	\$13,784.28
Lost Revenue in 2020 from 2015 programs				\$0.00	\$8,020.16	\$4,524.22	\$0.00	\$0.00	\$12,544.38
Lost Revenue in 2020 from 2016 programs				\$0.00	\$6,779.82	\$3,202.65	\$0.00	\$0.00	\$9,982.46
Lost Revenue in 2020 from 2017 programs				\$0.00	\$1,602.36	\$13,574.17	\$42,340.01	\$0.00	\$57,516.54
Lost Revenue in 2020 from 2018 programs				\$0.00	\$2,617.58	\$10,127.93	\$0.00	\$0.00	\$12,745.51
Lost Revenue in 2020 from 2019 programs				\$0.00	\$598.04	\$5,259.02	\$0.00	\$0.00	\$5,857.07
Lost Revenue in 2020 from 2020 programs				\$0.00	\$1,014.02	\$2,212.90	\$0.00	\$0.00	\$3,226.92
Total Lost Revenues in 2020				\$0.00	\$49,253.60	\$52,600.09	\$42,340.01	\$0.00	\$144,193.70
Forecast Lost Revenues in 2020				\$0.00	\$7,874.73	\$36,521.50	\$3,173.65	\$58.55	\$47,628.43
LRAMVA in 2020									\$96,565.27

Note: LDC to make note of key assumptions included above

[Return to top](#)



LRAMVA Work Form: Carrying Charges by Rate Class

Legend

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

Instructions

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

Table 6. 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%

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

[Go to Tab 1: Summary](#)

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

2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.45%
2019 Q2	2.18%
2019 Q3	2.18%
2019 Q4	2.18%
2020 Q1	2.18%
2020 Q2	2.18%
2020 Q3	0.57%
2020 Q4	0.57%
2021 Q1	0.57%
2021 Q2	0.57%
2021 Q3	0.57%
2021 Q4	0.57%
2022 Q1	0.57%
2022 Q2	0.57%
2022 Q3	
2022 Q4	
2023 Q1	
2023 Q2	
2023 Q3	
2023 Q4	
2024 Q1	
2024 Q2	
2024 Q3	
2024 Q4	
2025 Q1	
2025 Q2	
2025 Q3	
2025 Q4	

[Check OEB website](#)

Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
Opening Balance for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
Opening Balance for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
Opening Balance for 2015				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2015				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
Opening Balance for 2016				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-16	2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-16	2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-16	2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-16	2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-16	2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-16	2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-16	2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-16	2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-16	2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-16	2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-16	2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-16	2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2016				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Amount Cleared									
Opening Balance for 2017				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-17	2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-17	2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-17	2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-17	2011-2017	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-17	2011-2017	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-17	2011-2017	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-17	2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-17	2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-17	2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-17	2011-2017	Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-17	2011-2017	Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-17	2011-2017	Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2017				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
Opening Balance for 2018				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-18	2011-2018	Q1	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-18	2011-2018	Q1	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-18	2011-2018	Q1	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-18	2011-2018	Q2	0.16%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-18	2011-2018	Q2	0.16%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-18	2011-2018	Q2	0.16%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-18	2011-2018	Q3	0.16%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-18	2011-2018	Q3	0.16%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-18	2011-2018	Q3	0.16%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-18	2011-2018	Q4	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-18	2011-2018	Q4	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-18	2011-2018	Q4	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2018				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
Opening Balance for 2019				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-19	2011-2019	Q1	0.20%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-19	2011-2019	Q1	0.20%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-19	2011-2019	Q1	0.20%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-19	2011-2019	Q2	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-19	2011-2019	Q2	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-19	2011-2019	Q2	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-19	2011-2019	Q3	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-19	2011-2019	Q3	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-19	2011-2019	Q3	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-19	2011-2019	Q4	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-19	2011-2019	Q4	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-19	2011-2019	Q4	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2019				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
Opening Balance for 2020				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-20	2011-2020	Q1	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-20	2011-2020	Q1	0.18%	\$0.00	\$6.26	\$2.43	\$5.93	-\$0.01	\$14.62
Mar-20	2011-2020	Q1	0.18%	\$0.00	\$12.53	\$4.87	\$11.86	-\$0.02	\$29.24
Apr-20	2011-2020	Q2	0.18%	\$0.00	\$18.79	\$7.30	\$17.79	-\$0.03	\$43.86
May-20	2011-2020	Q2	0.18%	\$0.00	\$25.06	\$9.74	\$23.72	-\$0.04	\$58.48
Jun-20	2011-2020	Q2	0.18%	\$0.00	\$31.32	\$12.17	\$29.65	-\$0.04	\$73.09
Jul-20	2011-2020	Q3	0.05%	\$0.00	\$9.83	\$3.82	\$9.30	-\$0.01	\$22.93
Aug-20	2011-2020	Q3	0.05%	\$0.00	\$11.47	\$4.46	\$10.85	-\$0.02	\$26.76
Sep-20	2011-2020	Q3	0.05%	\$0.00	\$13.10	\$5.09	\$12.40	-\$0.02	\$30.58
Oct-20	2011-2020	Q4	0.05%	\$0.00	\$14.74	\$5.73	\$13.95	-\$0.02	\$34.40
Nov-20	2011-2020	Q4	0.05%	\$0.00	\$16.38	\$6.36	\$15.50	-\$0.02	\$38.22
Dec-20	2011-2020	Q4	0.05%	\$0.00	\$18.02	\$7.00	\$17.05	-\$0.03	\$42.05
Total for 2020				\$0.00	\$177.50	\$68.97	\$168.01	-\$0.25	\$414.22
Amount Cleared									
Opening Balance for 2021				\$0.00	\$177.50	\$68.97	\$168.01	-\$0.25	\$414.22



Supporting Document

LDC Persistence Savings Results

Legend

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

Instructions
(Steps)

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

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

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

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

ation:

ults from IESO

Version 6.0 (2022)

Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

ne by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

ed with an implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

slow match those provided by the IESO.

#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	2032	2033	2034	2035
1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	8	8	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	5	5	5	5	4	3	3	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3	3	3	3	3	2	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	28	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	61	61	32	32	32	6	6	6	6	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	16	16	16	16	16	16	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0
44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	40	40	40	40	40	40	40	40	40	40
0	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	23	0	0	0	0	0
0	268	258	258	242	242	241	235	235	207	137	135	135	60	42	42	26	0	0	0	0	0	0	0	0
0	47	47	47	32	31	6	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	5	5	5	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	4	4	4	4	4	4	3	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0
0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	179	179	178	178	172	164	164	164	164	149	130	130	88	74	74	61	8	8	8	8	0	0	0
0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	31	0	0	0	0
0	0	3	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	108	108	107	81	57	57	57	57	57	57	56	10	0	0	0	0	0	0	0	0	0	0	0

						#1	Net Verified Annual Energy Savings at the End-User Level (kWh)													
2036	2037	2038	2039	2040		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
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	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	0	90,222	90,222	90,222	90,222	82,993	74,527	54,975	54,785	69,910	22,127	8,291	7,320	7,320	5,454	5,454
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	4,413	4,413	4,076	4,076
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	60,903	60,903	60,903	60,903
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	0	161,529	161,529	161,529	79,596	79,596	79,596	17,297	17,297	17,297	17,297	13,410	13,410	0	0	0
0	0	0	0	0	0	20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487	20,487	9,435	9,435	9,435	9,435
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	19,495	19,495	19,495	19,495
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	15,807	15,807	0	0
40	0	0	0	0	0	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828	157,828
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	48,253	48,253	48,253	48,253
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	657,771	650,738	320,081	277,461
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	16,826	16,826	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	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	0	76,536	76,536	76,536	76,536	68,801	55,945	38,160	38,081	38,081	19,342	14,354	13,908	13,908	12,937
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	299	241	241	207
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	3,190	3,190	2,220	2,220
0	0	0	0	0	0	0	313	313	313	313	313	313	313	313	313	313	313	313	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	0	17,855	17,855	17,855	17,855	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1,047,117	1,030,338	1,027,109	1,027,109	1,006,547	996,104	996,104	992,634	990,094	913,962	790,842	762,071	519,004
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	63,246	63,246	63,246
0	0	0	0	0	0	0	19,122	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	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	0	0	399,272	399,272	397,004	298,359	219,012	219,012	219,012	219,012	219,012	219,012	208,466	31,639	0

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
4,994	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3,963	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0
9,435	9,435	0	0	0	0	0	0	0	0	0	0	0	0	0
19,495	19,495	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	45,003	0	0	0	0	0	0	0	0	0	0
277,461	190,581	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12,937	12,760	3,580	3,580	3,580	3,580	0	0	0	0	0	0	0	0	0
207	200	0	0	0	0	0	0	0	0	0	0	0	0	0
1,545	633	633	633	633	633	633	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	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	0	0	0

**APPENDIX E - 2020-0018 Approved 2021 Tariff Sheet
(May 1, 2021)**

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	26.41
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until October 31, 2021	\$	0.23
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Application of Tax Change (2021) - effective until April 30, 2022	\$	0.11
Rate Rider for Application of Tax Change (2020) - effective until October 31, 2021	\$	0.11
Rate Rider per the Collus Powerstream and EPCOR Share Purchase Agreement		
- effective until September 30, 2023	\$	(0.25)
Low Voltage Service Rate	\$/kWh	0.0016
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0026
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0020
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021)		
- effective until April 30, 2022	\$/kWh	0.0001
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020)		
- effective until October 31, 2021	\$/kWh	0.0009
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kWh	0.0008
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

MONTHLY RATES AND CHARGES - Regulatory Component

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	22.37
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until October 31, 2021	\$	0.20
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0148
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0026
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0020
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until October 31, 2021	\$/kWh	0.0003
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kWh	0.0009
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kWh	0.0017
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kWh	0.0009
Rate Rider for Application of Tax Change (2020) - effective until October 31, 2021	\$/kWh	0.0001
Rate Rider for Application of Tax Change (2021) - effective until April 30, 2022	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036

MONTHLY RATES AND CHARGES - Regulatory Component

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

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.

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	106.84
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until October 31, 2021	\$	0.96
Distribution Volumetric Rate	\$/kW	3.4941
Low Voltage Service Rate	\$/kW	0.5215
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022 Applicable only for Non-Wholesale Market Participants	\$/kW	0.0341
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	1.0696
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kW	(0.0276)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0020

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until October 31, 2021	\$/kW	0.0634
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW	0.0488
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kW	0.0355
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.2577)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kW	0.6632
Rate Rider for Application of Tax Change (2020) - effective until October 31, 2021	\$/kW	0.0192
Rate Rider for Application of Tax Change (2021) - effective until April 30, 2022	\$/kW	0.0199
Retail Transmission Rate - Network Service Rate	\$/kW	2.5250
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5394

MONTHLY RATES AND CHARGES - Regulatory Component

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	0.54
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until October 31, 2021	\$	0.00
Distribution Volumetric Rate	\$/kWh	0.0128
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0026
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0020
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until October 31, 2021	\$/kWh	0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kWh	(0.0001)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kWh	(0.0003)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kWh	0.0010
Rate Rider for Application of Tax Change (2020) - effective until October 31, 2021	\$/kWh	0.0001
Rate Rider for Application of Tax Change (2021) - effective until April 30, 2022	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

MONTHLY RATES AND CHARGES - Regulatory Component

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.91
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until October 31, 2021	\$	0.04
Distribution Volumetric Rate	\$/kW	16.2946
Low Voltage Service Rate	\$/kW	0.4031
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	0.9303
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kW	(0.0391)
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until October 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0020
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until October 31, 2021	\$/kW	0.2915
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW	11.6765
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until October 31, 2021	\$/kW	22.7701
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until October 31, 2021	\$/kW	0.3416
Rate Rider for Application of Tax Change (2020) - effective until October 31, 2021	\$/kW	0.3277
Rate Rider for Application of Tax Change (2021) - effective until April 30, 2022	\$/kW	0.3285
Retail Transmission Rate - Network Service Rate	\$/kW	1.9043
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1901

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

MONTHLY RATES AND CHARGES - Regulatory Component

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

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
----------------	----	------

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

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

Non-Payment of Account

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily)	%	1.50
Reconnection at meter - during regular hours	\$	40.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

Other

Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments) - Approved on an Interim Basis	\$	44.50

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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

EB-2020-0018

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 Global Adjustment and the HST.

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

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

LOSS FACTORS

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

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

APPENDIX F - Global Adjustment Variance Work Form



GA Analysis Workform for 2022 Rate Applications

Version 1.0

Input cells
Drop down cells

Utility Name **EPCOR ELECTRICITY DISTRIBUTION ONTARIO INC.**

Note 1

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

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

Year Selected

2019

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

Instructions:

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

For example:

- Scenario a - If 2019 balances were last approved on a final basis - Select 2019 and a GA Analysis Workform for 2020 will be generated.

The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

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

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

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

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

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

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

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2020	\$ 72,603	\$ 422,414	\$ (320,558)	\$ 101,856	\$ 29,253	\$ 8,391,623	0.3%
Cumulative Balance	\$ 72,603	\$ 422,414	\$ (320,558)	\$ 101,856	\$ 29,253	\$ 8,391,623	N/A

Account 1588 Reconciliation Summary

Year	Account 1588 as a % of Account 4705
2020	-0.3%



GA Analysis Workform

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

Year		2020		
Total Metered excluding WMP	C = A+B	294,765,673	kWh	100%
RPP	A	176,654,210	kWh	59.9%
Non RPP	B = D+E	118,111,463	kWh	40.1%
Non-RPP Class A	D	48,385,446	kWh	16.4%
Non-RPP Class B*	E	69,726,017	kWh	23.7%

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

Note 3 **GA Billing Rate**

GA is billed on the

1st Estimate

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

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

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

Yes

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

Yes

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

Yes

Note 4 **Analysis of Expected GA Amount**

Year	2020								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Price Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	N=M-K
January	7,398,277	7,398,277	7,475,005	7,475,005	0.08323	\$ 622,145	0.10232	\$ 764,843	\$ 142,698
February	7,451,446	7,451,446	6,986,804	6,986,804	0.12451	\$ 869,927	0.11331	\$ 791,675	\$ (78,252)
March	7,010,363	7,010,363	6,579,097	6,579,097	0.10432	\$ 686,331	0.11942	\$ 785,676	\$ 99,344
April	6,579,132	6,579,132	5,409,726	5,409,726	0.13707	\$ 741,511	0.11500	\$ 622,118	\$ (119,393)
May	5,406,351	5,406,351	5,452,530	5,452,530	0.09293	\$ 506,704	0.11500	\$ 627,041	\$ 120,337
June	5,454,362	5,454,362	5,818,836	5,818,836	0.11500	\$ 669,166	0.11500	\$ 669,166	\$ -
July	5,820,345	5,820,345	6,898,341	6,898,341	0.10305	\$ 710,874	0.09902	\$ 683,074	\$ (27,800)
August	6,891,036	6,891,036	6,553,732	6,553,732	0.10232	\$ 670,578	0.10348	\$ 678,180	\$ 7,602
September	6,558,410	6,558,410	5,659,415	5,659,415	0.11573	\$ 654,964	0.12176	\$ 689,090	\$ 34,126
October	5,662,042	5,662,042	5,787,852	5,787,852	0.14954	\$ 865,515	0.12806	\$ 741,192	\$ (124,323)
November	5,781,882	5,781,882	5,861,854	5,861,854	0.11670	\$ 684,078	0.11705	\$ 686,130	\$ 2,052
December	5,866,957	5,866,957	6,189,030	6,189,030	0.10704	\$ 662,474	0.10558	\$ 653,438	\$ (9,036)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	75,880,603	75,880,603	74,672,225	74,672,225		\$ 8,344,268		\$ 8,391,623	\$ 47,356

Annual Non-RPP Class B Wholesale kWh *	Annual Non-RPP Class B Retail billed kWh (excludes April to June 2020)	Annual Unaccounted for Energy Loss kWh	Weighted Average GA Actual Rate Paid (\$/kWh)**	Expected GA Volume Variance (\$)
O	P	Q=O-P	R	P= Q*R
58,217,308	57,991,132	226,176	0.11163	\$ 25,248

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

Total Expected GA Variance	\$	72,603
----------------------------	----	--------

Calculated Loss Factor	1.0709
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.071
Difference	-0.0001

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

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

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments	
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 422,414	Reversal of 2019 RPP Trueup of GA/Power allocation of part of final reconciliation posted in GL in 2020		
1a		\$ (2,853)		Yes	
	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ (371,648)	Sep-Dec 2020 RPP Trueup determined that GA portion of GA/Power determination was over allocated by \$372k (including a correction for the GA deferral). Adjustment posted in GL in 2021.	Yes	
1b					
	Remove prior year end unbilled to actual revenue differences	\$ (103,860)	GA portion of Dec 2019 unbilled revenue was over accrued by 103k	Yes	
2a					
	Add current year end unbilled to actual revenue differences	\$ 3,580	GA portion of Dec 2020 unbilled revenue was under accrued by 4k	Yes	
2b					
	Significant prior period billing adjustments recorded in current year				
3a					
	Significant current period billing adjustments recorded in other year(s)				
3b					
	CT 2148 for prior period corrections				
4					
	Impacts of GA deferral				
5					
	Remove Prior Year GA Accrual vs. Actual	\$ 121,478	2019 year end accrual of GA costs were overaccrued by \$120k. Adjustment posted in 2020.	Yes	
6					
	GA Accrual vs. Actual	\$ 32,746	2020 year end accrual of GA costs was underaccrued by \$33k	Yes	
7					
8					
9					
10					
11					

Note 6	Adjusted Net Change in Principal Balance in the GL	\$	101,856
	Net Change in Expected GA Balance in the Year Per Analysis	\$	72,603
	Unresolved Difference	\$	29,253
	Unresolved Difference as % of Expected GA Payments to IESO		0.3%



Account 1588 Reasonability

Note 7 Account 1588 Reasonability Test

Year	Account 1588 - RSVA Power			Account 4705 - Power Purchased	Account 1588 as % of Account 4705
	Transactions ¹	Principal Adjustments ¹	Total Activity in Calendar Year		
2020	108,359	- 190,411	- 82,052	25,073,323	-0.3%
Cumulative	108,359	- 190,411	- 82,052	25,073,323	-0.3%

Notes

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

GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

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

Account 1589 - RSVA Global Adjustment			
Adjustment Description	Amount	To be reversed in current application?	Explanation if not to be reversed in current application
1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	2,853	Yes	
2 Unbilled to actual revenue differences	103,860	Yes	
3 GA Accrual vs. Actual	(121,478)	Yes	
4			
5			
6			
7			
8			
Total	(14,765)		
Total principal adjustments included in last approved balance	(14,765)		
Difference	0		

Account 1588 - RSVA Power			
Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1 CT 148 true-up of GA Charges based on actual RPP volumes	(2,853)	Yes	
2 CT 1142 true-up based on actuals	45,874	Yes	
3 Unbilled to actual revenue differences	(321,774)	Yes	
4 Cost of power accrual for 2018 vs Actual per IESO bill	505,586	Yes	
5			
6			
7			
8			
Total	226,831		
Total principal adjustments included in last approved balance	226,831		
Difference	0		

Note 9 **Principal adjustment reconciliation in current application:**

Notes

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

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

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(2,853)	2020
	2 Unbilled to actual revenue differences	(103,860)	2020
	3 GA Accrual vs. Actual	121,478	2020
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	14,765	
2020	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(371,648)	2021
	2 Unbilled to actual revenue differences	3,580	2021
	3 GA Accrual vs. Actual	32,746	2021
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(335,322)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	(320,558)	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	2,853	2020
	2 CT 1142 true-up based on actuals	(45,874)	2020
	3 Unbilled to actual revenue differences	321,774	2020
	4 Cost of power accrual for 2018 vs Actual per IESO bill	(505,586)	2020
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(226,831)	
2020	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	371,648	2021
	2 CT 1142/142 true-up based on actuals	99,501	2021
	3 Unbilled to actual revenue differences	(537,039)	2021
	4 Cost of power accrual for 2020 vs Actual per IESO bill	102,310	2021
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	36,421	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	(190,411)	