



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

**2021 Incentive Regulation Mechanism
Electricity Distribution Rate Application
Board File Number EB-2020-0018**

For Rates Effective May 1, 2021

Submitted on October 9, 2020

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



EPCOR Electricity Distribution Ontario Inc.
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October 9, 2020

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

Dear Ms. Long:

**RE: EPCOR Electricity Distribution Ontario Inc. (License ED-2002-0518)
2020 4th Generation IRM Application EB-2020-0018**

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, 2021.

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", with a stylized flourish at the end.

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

ED-2002-0518

Board File Number EB-2020-0018

**2021 Incentive Regulation Mechanism
Electricity Distribution Rate Application**

MANAGER'S SUMMARY

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ONTARIO ENERGY BOARD

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

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

Application

- The applicant is EPCOR Electricity Distribution Ontario Inc. (“EPCOR”), an electricity distribution company owned by EPCOR Utilities Inc., based out of Edmonton, Alberta. In decision and order 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, 2021.
- 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

1 period for five years from the October 1, 2018 date of closing of the sale of the
2 shares of the company to EPCOR. Therefore, the Corporation expects that the
3 next rebasing will be for rates effective May 1, 2023.

- 4
- 5 • EPCOR is seeking approval for electricity distribution rates using the OEB's 2021
6 IRM Rate Generator Model. EPCOR confirms that it has worked with OEB staff to
7 request any adjustments to prepopulated values, and that the billing determinants
8 in the models as filed are accurate, with exceptions as noted in this application.
9
 - 10 • EPCOR requests that, pursuant to Section 34.01 of the OEB's *Rules of Practice*
11 *and Procedure*, this proceeding be conducted by way of written hearing.
 - 12
 - 13 • The persons affected by this Application are the ratepayers of EPCOR's service
14 territory.
 - 15
 - 16 • The Applicant confirms that the application and related documents will be
17 published on its website (EPCOR.com). As a result of the COVID-19 pandemic,
18 our office is currently closed to the public, but the applicant will provide a copy for
19 anyone requesting the material.
 - 20
 - 21 • EPCOR is proposing that notices related to this Application appear in the
22 *Collingwood Connection* newspaper. The *Collingwood Connection* is an unpaid
23 local publication with an average circulation of approximately 12,000 per week. It
24 is also available online at <https://www.simcoe.com/collingwood-on/>
 - 25
 - 26 • The Applicant requests that a copy of all documents filed with the OEB in this
27 proceeding be served on the Applicant at follows:

28
29 Tim Hesselink, CPA, CGA
30 Senior Manager, Regulatory Affairs
31 EPCOR Electricity Distribution Ontario Inc.
32 43 Stewart Road
33 Collingwood, ON L9Y 4M7
34 Phone: (705) 445-1800 ext#2274
35 thesselink@epcor.com
36

37 •

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

- EB_2020-0018_EPCOR_RATE_GENERATOR
- EB_2020-0018_EPCOR_LRAMVA_WORKFORM
- EB_2020-0018_EPCOR_GA_ANALYSIS_WORKFORM

1. Introduction

EPCOR has selected the Price Cap Incentive Rate-setting ("Price Cap IR") option to file its 2021 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 – 2020 Edition for 2021 Rate Applications, dated May 14, 2020 (the "Filing Requirements").

All rates referenced in this Application and included in the accompanying 2021 Proposed Tariff of Rates and Charges are based on the output of the OEB's 2020 IRM Rate Generator Model, as posted on the OEB website July 14, 2020 (the "2020 IRM Model" or the "Model").

The application includes a completed *Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form – Version 4.0*, as posted by the OEB on June 24, 2020 for the disposition of the 1568 balances for the year 2019 and a completed "STS-Tax Change" worksheet in the *2021 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

The primary contact for this Application is:

Mr. Tim Hesselink

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The secondary contact for this Application is:

Ms. Cindy Shuttleworth

Senior Manager, Financial & Regulatory Reporting
EPCOR Electricity Distribution Ontario Inc.

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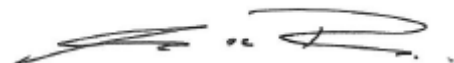
Facsimile: 705-445-8267

E-mail: cshuttleworth@epcor.com

Certification of Evidence

As Chief Executive Officer of EPCOR Electricity Distribution Ontario Inc., I certify to the best of my knowledge, that the evidence filed in EPCOR's 2020 4th Generation IRM Application is accurate and that EPCOR has robust processes and internal controls in place for the preparation, review, verification and oversight of the accounts balances being requested for disposition, consistent with the requirements of the Chapter 3 Filing Requirements for Electricity Distribution Rate Applications as revised on May 14, 2020.

DATED IN TORONTO, ONTARIO, THIS 9th DAY OF OCTOBER, 2020



Susannah Robinson
Chief Executive Officer
EPCOR Electricity Distribution Ontario Inc.

2. Summary of Application

On April 16, 2020 EPCOR received a final Decision and Rate Order for rates effective May 1, 2020 (EB 2019-0027). Due to the economic hardship and uncertainty of the COVID-19 pandemic, EPCOR made the decision to defer the May 1st, 2020 rate increase until November 1, 2020. EPCOR has requested to recover lost distribution revenue over a 12 month period.

EPCOR is submitting a 4th GIRM Application for rates effective May 1, 2021.

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, 2021;
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, 2021;
6. An order declaring EPCOR's current (i.e. 2020) rates as interim rates effective May 1, 2021, and a rider that would allow for the recovery of any foregone incremental revenue between May 1, 2021 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, 2021.

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-2019-0027) dated April 16, 2020 and attached to this Application as Appendix E.

EPCOR has the following rate classes:

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

Since rebasing took place in 2013, EPCOR has one significant industrial customer who has now exceeded the General Service 50 to 4,999 kW consumption. An updated rate class will be included in the next Cost of Service, expected to be filed in August 2022 for rates effective May 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 1.85% is calculated in the Board's Rate Generator model, based on the preliminary 4th GIRM parameters. This is determined using an inflation factor of 2.00%, 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 2021. 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 2019 was 2.77%, 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 seven 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
2014	8.98%	8.40%	-0.58%
2015	8.98%	11.21%	2.23%
2016	8.98%	10.86%	1.88%
2017	8.98%	10.03%	1.05%
2018	8.98%	11.65%	2.67%
2019	8.98%	2.77%	-6.21%

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 2021 IRM Model.

At the time of filing this Application, the legislated tax rates for 2021 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:

- \$0.11 per customer for Residential
- \$0.0001 per kWh for General Service less than 50 kW
- \$0.0199 per kW for General Service greater than 50kW
- \$0.0001 per kWh for Unmetered Scattered Load
- \$0.3285 per kW for Street lighting

EPCOR recognizes that should further legislated tax changes for 2020 occur during the course of this proceeding, the tax change calculation may be updated and rate riders updated as part of the draft Rate Order process.

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

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

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

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

In IRM submission EB-2018-0025, EPCOR was approved to dispose of 2016 balances and in EB-2019-0027, EPCOR was approved to dispose of 2017 and 2018 balances.

EPCOR has calculated the LRAMVA for 2019 based on the Board’s guidance as published in the filing requirements for Electricity Distribution Rate Applications, issued May 14, 2020. This 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 4 of the LRAMVA work form.

The amounts booked are summarized in Table 5.1 below.

1

Table 5.1: LRAMVA Disposition

Description	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load	Total
	kWh	kWh	kW	kW	KWh	
2019 Actuals	\$13,412	\$48,370	\$50,815	\$41,517	\$0	\$154,113
2019 Forecast	(\$2,421)	(\$7,712)	(\$35,921)	(\$3,112)	(\$58)	(\$49,223)
Variance	\$10,991	\$40,658	\$14,894	\$38,405	(\$58)	\$104,890
Carrying Charges	<u>\$282</u>	<u>\$1,117</u>	<u>\$458</u>	<u>\$1,050</u>	<u>(\$1)</u>	<u>\$2,907</u>
Total	\$11,273	\$41,775	\$15,352	\$39,455	(\$59)	\$107,797

2

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

6 Section 13.4 of the CDM Guidelines provides that “At a minimum, distributors must apply
7 for disposition of the balance in the LRAMVA the time of their Cost of Service rate
8 applications. Distributors may apply for the disposition of the balance in the LRAMVA on
9 an annual basis, as part of their Incentive Regulation Mechanism rate applications, if the
10 balance is deemed significant by the applicant.” EPCOR is making a request for
11 disposition of the December 31, 2019 ending principal balance of \$104,890 plus carrying
12 charges of \$2,907 (for a total of \$107,797) 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 2020 RTSR worksheets included in the 2020 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 July 1, 2020). EPCOR has assumed no change in the wholesale transmission rates that it will be charged for 2021 and under this assumption customers will see a decrease in this portion of their bill. Residential customers can expect a monthly decrease of approximately \$0.32.

EPCOR anticipates that information regarding 2021 wholesale transmission rates will be available and that the RTSR Model will be updated with 2021 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 2019 wholesale quantities billed. The 2019 wholesale quantities and the 2020 approved wholesale rates were used to calculate the estimated wholesale transmission costs for 2020 and for 2021.

1

Table 6.1: Proposed RTSR Rates

RTSR - Network				
Rate Class	Unit	Current	Proposed	Variance
Residential	kWh	0.0071	0.0068	-4%
GS<50kW	kWh	0.0065	0.0062	-4%
GS>50kW	kW	2.5747	2.4671	-4%
USL	kWh	0.0065	0.0062	-4%
Street Lighting	kW	1.9417	1.8606	-4%

RTSR - Connection				
Rate Class	Unit	Current	Proposed	Variance
Residential	kWh	0.0045	0.0044	-3%
GS<50kW	kWh	0.0037	0.0036	-3%
GS>50kW	kW	1.5712	1.5197	-3%
USL	kWh	0.0037	0.0036	-3%
Street Lighting	kW	1.2147	1.1749	-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, 2019, 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, 2019**

Account Description	Account	Amount	Interest	Total Claim
LV Variance Account	1550	\$700,993	\$17,214	\$718,207
Smart Metering Entity Charge Variance Account	1551	(6,330)	(73)	(6,404)
RSVA - Wholesale Market Service Charge	1580	(73,348)	(3,253)	(76,601)
Variance WMS – Sub-account CBR Class A	1580	0	0	0
Variance WMS – Sub-account CBR Class B	1580	(26,430)	(475)	(26,905)
RSVA - Retail Transmission Network Charge	1584	(714)	(1,111)	(1,825)
RSVA - Retail Transmission Connection Charge	1586	51,341	401	51,741
RSVA - Power	1588	364,702	(6,962)	357,740
RSVA - Global Adjustment	1589	(104,349)	17,300	(87,049)
Total Group 1 Balance		\$905,864	\$23,040	\$928,904
Threshold Test (Total claim per kWh)				\$0.0031

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.

Cost of Power Reconciliation and Continuity Schedule Adjustments

As per section 3.2.5, of the filing requirements, distributors must provide an explanation of the account balances on Tab 3. Continuity Schedule of the rate generator model differ from the account balances in the trial balance reported through the RRR and the audited financial statements and which have been reflected in the prepopulated rate generator model. Furthermore, as per section 3.2.5.3, of the filing requirements, effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1589, applicants must reflect RPP Settlement true-up claims pertaining to the period that is being requested for disposition in the RSVA Power (Account 1588) and RSVA GA (Account 1589) variance accounts. A principal adjustment of \$43,069 was included in account 1588 - RSVA - Power which was comprised of the amounts in the table below:

Table 7.2: 2019 1588 - RSVA Power Principal Adjustments

Year	Account 1588 - RSVA Power		
	Adjustment Description	Amount	Year Recorded in GL
2018	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1		
	2		
	3 Cost of power accrual for 2018 vs Actual per IESO bill	(36,437.98)	2018
	4 True-up of CT 1142 for 2018 consumption recorded in 2019 GL	36,304.06	2018
	5 Unbilled accrued vs. billed for 2018 consumption	172,558.13	2018
	6 True-up of RPP vs. Non-RPP allocation of CT 148 based on actual 2018	(356,187.00)	2018
	7		
	8		
	Total Reversal Principal Adjustments	(183,763)	
2019	<i>Current year principal adjustments</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 Current Year Principal Adjustments	226,831	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	43,069	

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

3
4
5 **Table 7.3: 2019 1589 - RSVA Global Adjustment Principal Adjustments**
6

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2018	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1		
	2 True-up of RPP vs. Non-RPP allocation of CT 148 based on actual	356,186.57	2019
	3 Year end unbilled to actual revenue differences	(208,593.76)	2019
	4 GA Accrual vs. Actual	(19,922.07)	2019
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	127,671	
2019	<i>Current year principal adjustments</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 Current Year Principal Adjustments	(14,765)	
	Total Principal Adjustments to be Included on DVA Continuity	112,906	

7
8 Details of principal adjustments can also be found in the 2020_0018_GA Analysis
9 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. For the year 2019 EPCOR continued to bill its customers on a cyclical basis, as in previous years. EPCOR had the following billing cycles;

- Residential, General Service Less than 50 kW and Unmetered Scattered Load, the cycles below are billed on a non-calendar monthly basis
 - 4 cycles for Collingwood, 1 cycle billed each week
 - 1 cycle for Stayner, billed every four weeks in conjunction with one Collingwood cycle
 - 1 cycle for Creemore, billed every four weeks in conjunction with one Collingwood cycle
 - 1 cycle for Thornbury, billed every four weeks in conjunction with one Collingwood cycle
- General Service greater than 50 kW and Streetlighting
 - 1 cycle billed on a calendar 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.

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

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

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

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

14 However, effective December 31, 2018 this technique could no longer be used for year-
15 end cut-off accuracy. The estimation technique has been used for December 2018, just
16 like all the other months of the year. EPCOR can no longer wait for subsequent year-end
17 actual billing information to come in during January and February because of a much
18 quicker year-end close set by the new parent company. A comparison of the accrual for
19 unbilled revenue verses the actual billings subsequent to year-end is completed to assess
20 the accuracy of the process.

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

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

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

3 **Global Adjustment Work Form & Reconciliation**

4 As part of this application, EPCOR is requesting to dispose of its RSVA – Global
5 Adjustment account. A requirement for disposition is the completion of the GA Analysis
6 Work form to reconcile balances between what was billed to ratepayers and what was
7 charged to the IESO within a variance tolerance of 1%. 2020_0018_GA Analysis
8 Workform has been included as part of this application. The following reconciliation items
9 have been included in the GA Analysis Work form:

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

Item	Amount
Net Change in Principal Balance in the GL	\$39,535.58
True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$356,186.57
True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$2,853.30
Remove prior year end unbilled to actual revenue differences	(\$208,593.76)
Add current year end unbilled to actual revenue differences	\$103,860.24
Remove Prior Year GA Accrual vs. Actual	(\$19,922.07)
GA Accrual vs. Actual	(\$121,478.22)
Adjusted Net Change in Principal Balance in the GL	\$ 152,442
Net Change in Expected GA Balance in the Year Per Analysis	<u>\$ 157,651</u>
Unresolved Difference	\$ (5,210)

11 After removal of these reconciliation items, an unresolved difference of \$5,210 remains
12 which results in Unresolved Difference as % of Expected GA Payments to IESO of -
13 0.1% which is within the expected tolerance levels.

14

1 **9. OEB Accounting Guidance**

2 On February 21, 2019, the OEB issued its letter entitled Accounting Guidance related to
3 Accounts 1588 Power, and 1589 RSVA Global Adjustment as well as the related
4 accounting guidance. The accounting guidance is effective January 1, 2019 and is to be
5 implemented by August 31, 2019. Distributors are expected to consider the accounting
6 guidance in the context of historical balances that have yet to be disposed on a final basis

7 In its 2019 rate proceeding (EB-2018-0025), EPCOR received approval to dispose of 2017
8 Group 1 balances on an interim basis. In the 2020 proceeding (EB-2019-0027), EPCOR
9 confirmed that the new accounting guidance was implemented after completing a review
10 of its 2017 and 2018 balances. As a result, EPCOR requested and received final
11 disposition of its 2017 and 2018 balances and confirms as part of this application that it
12 has fully implemented the OEB's February 21, 2019 guidance effective from January 1,
13 2019. EPCOR also confirms that no adjustments have been made to balances previously
14 approved by the OEB on a final basis.

10. Rate Change Summary and Bill Impacts

Appendix A shows the proposed Tariff of Rates and Charges, incorporating the effect of the 2020 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, 2020 rates. Since EPCOR deferred the rate increase until November 1, 2020, a deferred revenue rate rider is not included in the '2020' rates. In addition, not all rate rider will expire on May 1, 2020 as originally planned. EPCOR expects the rate impacts as presented below to change before a final decision and order is prepared.

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 be being fully fixed.

Table 10.1 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 \$2.43 (6.8%) in the distribution component of their bill. The total delivery component will increase by \$2.11 (4.7%). The total monthly bill is expected to increase by \$1.71 (1.5%).
- A typical General Service less than 50 kW demand customer using 2,000 kWh per month will see an increase of \$7.81 (10.0%) in the distribution component of their bill. The total delivery component will increase by \$6.95 (7.0%). The total monthly bill is expected to increase by \$5.65 (1.9%).

- 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 \$21.34 (1.6%) in the distribution component of their bill. The total delivery component will decrease by \$18.43 (-0.8%). The total monthly bill is expected to decrease by \$20.83 (-0.1%).
- A Street lighting customer (using 100 kW demand and consuming 15,000 kWh per month with 1,000 connections) will see an increase of \$124.63 (1.5%) in the total delivery component. The total monthly bill is expected to increase by \$140.83 (1.2%).

• **Table 10.2: Customer Bill Impacts per Rate Class**

RATE CLASS	Usage Base	Average Bill 2020	Average Bill 2021	Total Bill Impact	
		\$	\$	\$	%
Residential (RPP)	750 kWh	\$117.17	\$118.88	\$1.71	1.5%
GS<50kW	2000 kWh	\$295.83	\$301.47	\$5.64	1.9%
GS>50kW	250 kW	\$17,372.77	\$17,351.93	\$(20.84)	-0.1%
USL	150 kWh	\$31.11	\$29.59	\$(1.52)	-4.9%
Streetlights	100 kW	\$12,053.67	\$12,194.50	\$140.83	1.2%

APPENDIX A - Proposed 2021 Tariff Sheet

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)	\$	26.36
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 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	(0.0011)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0034
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 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 April 30, 2022	\$/kWh	0.0009
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044

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

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TARIFF OF RATES AND CHARGES

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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

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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)	\$	22.33
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	(0.0011)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0035
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 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 April 30, 2022	\$/kWh	0.0017
Rate Rider for Application of Tax Change (2021) - effective until April 30, 2022	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
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

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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)	\$	106.63
Distribution Volumetric Rate	\$/kW	3.4872
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	(0.0011)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022		
Applicable only for Non-Wholesale Market Participants	\$/kW	0.3933
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)

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Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW	0.0502
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2022	\$/kW	0.0355
Rate Rider for Application of Tax Change (2021) - effective until April 30, 2022	\$/kW	0.0199
Retail Transmission Rate - Network Service Rate	\$/kW	2.4671
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5197

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

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TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2021

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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
Distribution Volumetric Rate	\$/kWh	0.0127
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	(0.0011)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	0.0035
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 Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kWh	(0.0081)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2022	\$/kWh	(0.0003)
Rate Rider for Application of Tax Change (2021) - effective until April 30, 2022	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
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

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Standard Supply Service - Administrative Charge (if applicable)

\$

0.25

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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.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.90
Distribution Volumetric Rate	\$/kW	16.2627
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	(0.0011)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	1.2342
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 Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW	(0.0175)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2022	\$/kW	22.7701
Rate Rider for Application of Tax Change (2021) - effective until April 30, 2022	\$/kW	0.3285
Retail Transmission Rate - Network Service Rate	\$/kW	1.8606
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1749

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

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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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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Customer Administration

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

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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)	\$	45.39

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	\$	104.04
Monthly Fixed Charge, per retailer	\$	41.62
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

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

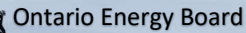
More than twice a year, per request (plus incremental delivery costs)	\$	4.16
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08

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

APPENDIX B - Bill Impacts Summary



for 2021 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 May 2020 of \$0.1368/kWh (IESO's Monthly Market Report for May 2020) 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	\$ 25.88	1	\$ 25.88	\$ 26.36	1	\$ 26.36	\$ 0.48	1.85%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ (0.14)	1	\$ (0.14)	\$ (0.14)	1	\$ (0.14)	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0009	750	\$ 0.68	\$ 0.0010	750	\$ 0.75	\$ 0.08	11.11%
Sub-Total A (excluding pass through)			\$ 26.42			\$ 26.97	\$ 0.56	2.10%
Line Losses on Cost of Power	\$ 0.1280	53	\$ 6.82	\$ 0.1280	53	\$ 6.82	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0008	750	\$ 0.60	\$ 0.0034	750	\$ 2.55	\$ 1.95	325.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ 0.0001	750	\$ (0.08)	\$ (0.08)	-
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)			\$ 35.60			\$ 38.03	\$ 2.43	6.83%
RTSR - Network	\$ 0.0071	803	\$ 5.70	\$ 0.0068	803	\$ 5.46	\$ (0.24)	-4.23%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0045	803	\$ 3.61	\$ 0.0044	803	\$ 3.53	\$ (0.08)	-2.22%
Sub-Total C - Delivery (including Sub-Total B)			\$ 44.92			\$ 47.03	\$ 2.11	4.69%
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	\$ 0.1280	480	\$ 61.44	\$ 0.1280	480	\$ 61.44	\$ -	0.00%
TOU - Mid Peak	\$ 0.1280	135	\$ 17.28	\$ 0.1280	135	\$ 17.28	\$ -	0.00%
TOU - On Peak	\$ 0.1280	135	\$ 17.28	\$ 0.1280	135	\$ 17.28	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 144.30			\$ 146.41	\$ 2.11	1.46%
HST	13%		\$ 18.76	13%		\$ 19.03	\$ 0.27	1.46%
Ontario Electricity Rebate	31.8%		\$ (45.89)	31.8%		\$ (46.56)	\$ (0.67)	-
Total Bill on TOU			\$ 117.17			\$ 118.88	\$ 1.71	1.46%

In the manager's summary, discuss the reason

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

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.92	1	\$ 21.92	\$ 22.33	1	\$ 22.33	\$ 0.41	1.87%
Distribution Volumetric Rate	\$ 0.0145	2000	\$ 29.00	\$ 0.0148	2000	\$ 29.60	\$ 0.60	2.07%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0018	2000	\$ 3.60	\$ 0.0027	2000	\$ 5.40	\$ 1.80	50.00%
Sub-Total A (excluding pass through)			\$ 54.52			\$ 57.33	\$ 2.81	5.15%
Line Losses on Cost of Power	\$ 0.1280	142	\$ 18.18	\$ 0.1280	142	\$ 18.18	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0009	2,000	\$ 1.80	\$ 0.0035	2,000	\$ 7.00	\$ 5.20	288.89%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ 0.0001	2,000	\$ (0.20)	\$ (0.20)	
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)			\$ 77.87			\$ 85.68	\$ 7.81	10.03%
RTSR - Network	\$ 0.0065	2,142	\$ 13.92	\$ 0.0062	2,142	\$ 13.28	\$ (0.64)	-4.62%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0037	2,142	\$ 7.93	\$ 0.0036	2,142	\$ 7.71	\$ (0.21)	-2.70%
Sub-Total C - Delivery (including Sub-Total B)			\$ 99.71			\$ 106.67	\$ 6.95	6.97%
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	\$ 0.1280	1,280	\$ 163.84	\$ 0.1280	1,280	\$ 163.84	\$ -	0.00%
TOU - Mid Peak	\$ 0.1280	360	\$ 46.08	\$ 0.1280	360	\$ 46.08	\$ -	0.00%
TOU - On Peak	\$ 0.1280	360	\$ 46.08	\$ 0.1280	360	\$ 46.08	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 364.32			\$ 371.27	\$ 6.95	1.91%
HST	13%		\$ 47.36	13%		\$ 48.27	\$ 0.90	1.91%
Ontario Electricity Rebate	31.8%		\$ (115.85)	31.8%		\$ (118.06)	\$ (2.21)	
Total Bill on TOU			\$ 295.83			\$ 301.47	\$ 5.65	1.91%

In the manager's summary, discuss the reason

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	\$ 104.69	1	\$ 104.69	\$ 106.63	1	\$ 106.63	\$ 1.94	1.85%
Distribution Volumetric Rate	\$ 3.4239	250	\$ 855.98	\$ 3.4872	250	\$ 871.80	\$ 15.83	1.85%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0547	250	\$ 13.68	\$ 0.1056	250	\$ 26.40	\$ 12.73	93.05%
Sub-Total A (excluding pass through)			\$ 974.34			\$ 1,004.83	\$ 30.49	3.13%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.4055	250	\$ 101.38	\$ 1.4629	250	\$ 365.73	\$ 264.35	260.76%
CBR Class B Rate Riders	\$ -	250	\$ -	\$ 0.0276	250	\$ (6.90)	\$ (6.90)	
GA Rate Riders	\$ 0.0020	86,000	\$ 172.00	\$ 0.0011	86,000	\$ (94.60)	\$ (266.60)	-155.00%
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)			\$ 1,378.09			\$ 1,399.43	\$ 21.34	1.55%
RTSR - Network	\$ 2.5747	250	\$ 643.68	\$ 2.4671	250	\$ 616.78	\$ (26.90)	-4.18%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.5712	250	\$ 392.80	\$ 1.5197	250	\$ 379.93	\$ (12.87)	-3.28%
Sub-Total C - Delivery (including Sub-Total B)			\$ 2,414.57			\$ 2,396.13	\$ (18.43)	-0.76%
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	\$ 0.1368	92,106	\$ 12,600.10	\$ 0.1368	92,106	\$ 12,600.10	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 15,374.13			\$ 15,355.69	\$ (18.43)	-0.12%
HST	13%		\$ 1,998.64	13%		\$ 1,996.24	\$ (2.40)	-0.12%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 17,372.77			\$ 17,351.93	\$ (20.83)	-0.12%

In the manager's summary, discuss the reasons for the changes.

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	\$ 0.53	1	\$ 0.53	\$ 0.54	1	\$ 0.54	\$ 0.01	1.89%
Distribution Volumetric Rate	\$ 0.0125	150	\$ 1.88	\$ 0.0127	150	\$ 1.91	\$ 0.03	1.60%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0002	150	\$ (0.03)	\$ 0.0083	150	\$ (1.25)	\$ (1.22)	4050.00%
Sub-Total A (excluding pass through)			\$ 2.38			\$ 1.20	\$ (1.18)	-49.47%
Line Losses on Cost of Power	\$ 0.1368	11	\$ 1.46	\$ 0.1368	11	\$ 1.46	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	150	\$ 0.15	\$ 0.0035	150	\$ 0.53	\$ 0.38	250.00%
CBR Class B Rate Riders	\$ -	150	\$ -	\$ 0.0001	150	\$ (0.02)	\$ (0.02)	
GA Rate Riders	\$ 0.0020	150	\$ 0.30	\$ 0.0011	150	\$ (0.17)	\$ (0.47)	-155.00%
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)			\$ 4.49			\$ 3.21	\$ (1.28)	-28.50%
RTSR - Network	\$ 0.0065	161	\$ 1.04	\$ 0.0062	161	\$ 1.00	\$ (0.05)	-4.62%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0037	161	\$ 0.59	\$ 0.0036	161	\$ 0.58	\$ (0.02)	-2.70%
Sub-Total C - Delivery (including Sub-Total B)			\$ 6.13			\$ 4.79	\$ (1.34)	-21.93%
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	\$ 0.1368	150	\$ 20.52	\$ 0.1368	150	\$ 20.52	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 27.53			\$ 26.18	\$ (1.34)	-4.88%
HST	13%		\$ 3.58	13%		\$ 3.40	\$ (0.17)	-4.88%
Ontario Electricity Rebate	31.8%		\$ (8.75)	31.8%		\$ (8.33)		
Total Bill on Average IESO Wholesale Market Price			\$ 31.11			\$ 29.59	\$ (1.52)	-4.88%

In the manager's summary, discuss the reasons for the changes.

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	\$ 3.83	1000	\$ 3,830.00	\$ 3.90	1000	\$ 3,900.00	\$ 70.00	1.83%
Distribution Volumetric Rate	\$ 15.9673	100	\$ 1,596.73	\$ 16.2627	100	\$ 1,626.27	\$ 29.54	1.85%
Fixed Rate Riders	\$ -	1000	\$ -	\$ -	1000	\$ -	\$ -	
Volumetric Rate Riders	\$ 23.0978	100	\$ 2,309.78	\$ 23.0811	100	\$ 2,308.11	\$ (1.67)	-0.07%
Sub-Total A (excluding pass through)			\$ 7,736.51			\$ 7,834.38	\$ 97.87	1.27%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.3416	100	\$ 34.16	\$ 1.2342	100	\$ 123.42	\$ 89.26	261.30%
CBR Class B Rate Riders	\$ -	100	\$ -	\$ 0.0391	100	\$ (3.91)	\$ (3.91)	
GA Rate Riders	\$ 0.0020	15,000	\$ 30.00	\$ 0.0011	15,000	\$ (16.50)	\$ (46.50)	-155.00%
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)			\$ 7,840.98			\$ 7,977.70	\$ 136.72	1.74%
RTSR - Network	\$ 1.9417	100	\$ 194.17	\$ 1.8606	100	\$ 186.06	\$ (8.11)	-4.18%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.2147	100	\$ 121.47	\$ 1.1749	100	\$ 117.49	\$ (3.98)	-3.28%
Sub-Total C - Delivery (including Sub-Total B)			\$ 8,156.62			\$ 8,281.25	\$ 124.63	1.53%
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	\$ 0.1368	16,065	\$ 2,197.69	\$ 0.1368	16,065	\$ 2,197.69	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 10,666.97			\$ 10,791.60	\$ 124.63	1.17%
HST	13%		\$ 1,386.71	13%		\$ 1,402.91	\$ 16.20	1.17%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 12,053.67			\$ 12,194.50	\$ 140.83	1.17%

In the manager's summary, discuss the reasons for the changes in the rates.

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	\$ 25.88	1	\$ 25.88	\$ 26.36	1	\$ 26.36	\$ 0.48	1.85%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ (0.14)	1	\$ (0.14)	\$ (0.14)	1	\$ (0.14)	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0009	750	\$ 0.68	\$ 0.0010	750	\$ 0.75	\$ 0.08	11.11%
Sub-Total A (excluding pass through)			\$ 26.42			\$ 26.97	\$ 0.56	2.10%
Line Losses on Cost of Power	\$ 0.1368	53	\$ 7.28	\$ 0.1368	53	\$ 7.28	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0008	750	\$ 0.60	\$ 0.0034	750	\$ 2.55	\$ 1.95	325.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ 0.0001	750	\$ (0.08)	\$ (0.08)	
GA Rate Riders	\$ 0.0020	750	\$ 1.50	\$ 0.0011	750	\$ (0.83)	\$ (2.33)	-155.00%
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)			\$ 37.57			\$ 37.67	\$ 0.10	0.28%
RTSR - Network	\$ 0.0071	803	\$ 5.70	\$ 0.0068	803	\$ 5.46	\$ (0.24)	-4.23%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0045	803	\$ 3.61	\$ 0.0044	803	\$ 3.53	\$ (0.08)	-2.22%
Sub-Total C - Delivery (including Sub-Total B)			\$ 46.89			\$ 46.67	\$ (0.22)	-0.46%
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	\$ 0.1368	750	\$ 102.60	\$ 0.1368	750	\$ 102.60	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 152.62			\$ 152.40	\$ (0.22)	-0.14%
HST	13%		\$ 19.84	13%		\$ 19.81	\$ (0.03)	-0.14%
Ontario Electricity Rebate	31.8%		\$ (48.53)	31.8%		\$ (48.46)		
Total Bill on Non-RPP Avg. Price			\$ 172.46			\$ 172.22	\$ (0.24)	-0.14%

In the manager's summary, discuss the reasons for the changes.

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	\$ 25.88	1	\$ 25.88	\$ 26.36	1	\$ 26.36	\$ 0.48	1.85%
Distribution Volumetric Rate	\$ -	256	\$ -	\$ -	256	\$ -	\$ -	-
Fixed Rate Riders	\$ (0.14)	1	\$ (0.14)	\$ (0.14)	1	\$ (0.14)	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0009	256	\$ 0.23	\$ 0.0010	256	\$ 0.26	\$ 0.03	11.11%
Sub-Total A (excluding pass through)			\$ 25.97			\$ 26.48	\$ 0.51	1.95%
Line Losses on Cost of Power	\$ 0.1280	18	\$ 2.33	\$ 0.1280	18	\$ 2.33	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0008	256	\$ 0.20	\$ 0.0034	256	\$ 0.87	\$ 0.67	325.00%
CBR Class B Rate Riders	\$ -	256	\$ -	\$ 0.0001	256	\$ (0.03)	\$ (0.03)	-
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)			\$ 29.48			\$ 30.63	\$ 1.15	3.89%
RTSR - Network	\$ 0.0071	274	\$ 1.95	\$ 0.0068	274	\$ 1.86	\$ (0.08)	-4.23%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0045	274	\$ 1.23	\$ 0.0044	274	\$ 1.21	\$ (0.03)	-2.22%
Sub-Total C - Delivery (including Sub-Total B)			\$ 32.66			\$ 33.70	\$ 1.04	3.17%
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	\$ 0.1280	164	\$ 20.97	\$ 0.1280	164	\$ 20.97	\$ -	0.00%
TOU - Mid Peak	\$ 0.1280	46	\$ 5.90	\$ 0.1280	46	\$ 5.90	\$ -	0.00%
TOU - On Peak	\$ 0.1280	46	\$ 5.90	\$ 0.1280	46	\$ 5.90	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 66.75			\$ 67.78	\$ 1.04	1.55%
HST	13%		\$ 8.68	13%		\$ 8.81	\$ 0.13	1.55%
Ontario Electricity Rebate	31.8%		\$ (21.23)	31.8%		\$ (21.56)	\$ (0.33)	-
Total Bill on TOU			\$ 54.20			\$ 55.04	\$ 0.84	1.55%

In the manager's summary, discuss the reason

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

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.92	1	\$ 21.92	\$ 22.33	1	\$ 22.33	\$ 0.41	1.87%
Distribution Volumetric Rate	\$ 0.0145	2000	\$ 29.00	\$ 0.0148	2000	\$ 29.60	\$ 0.60	2.07%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0018	2000	\$ 3.60	\$ 0.0027	2000	\$ 5.40	\$ 1.80	50.00%
Sub-Total A (excluding pass through)			\$ 54.52			\$ 57.33	\$ 2.81	5.15%
Line Losses on Cost of Power	\$ 0.1368	142	\$ 19.43	\$ 0.1368	142	\$ 19.43	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0009	2,000	\$ 1.80	\$ 0.0035	2,000	\$ 7.00	\$ 5.20	288.89%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ 0.0001	2,000	\$ (0.20)	\$ (0.20)	
GA Rate Riders	\$ 0.0020	2,000	\$ 4.00	\$ 0.0011	2,000	\$ (2.20)	\$ (6.20)	-155.00%
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)			\$ 83.12			\$ 84.73	\$ 1.61	1.94%
RTSR - Network	\$ 0.0065	2,142	\$ 13.92	\$ 0.0062	2,142	\$ 13.28	\$ (0.64)	-4.62%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0037	2,142	\$ 7.93	\$ 0.0036	2,142	\$ 7.71	\$ (0.21)	-2.70%
Sub-Total C - Delivery (including Sub-Total B)			\$ 104.96			\$ 105.72	\$ 0.75	0.72%
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	\$ 0.1368	2,000	\$ 273.60	\$ 0.1368	2,000	\$ 273.60	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 386.92			\$ 387.67	\$ 0.75	0.19%
HST	13%		\$ 50.30	13%		\$ 50.40	\$ 0.10	0.19%
Ontario Electricity Rebate	31.8%		\$ (123.04)	31.8%		\$ (123.28)		
Total Bill on Non-RPP Avg. Price			\$ 437.22			\$ 438.07	\$ 0.85	0.19%

In the manager's summary, discuss the reason

APPENDIX C - IRM Rate Generator

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Quick Link

 Ontario Energy Board's 2021 Electricity
Distribution Rate Applications Webpage

Version 1.0

Utility Name

Assigned EB Number

Name of Contact and Title

Phone Number

Email Address

We are applying for rates effective

Rate-Setting Method

1. Select the last Cost of Service rebasing year.

2. For Accounts 1588 and 1589, please indicate the year the accounts were last disposed on a final basis.

a) If the accounts were last approved on a final basis, select the year that the balance was 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 that the balances were last approved for disposition on an interim basis.

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

(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017.)

3. For the remaining Group 1 DVAs, please indicate the year the accounts were last disposed on a final basis.

a) If the accounts were last approved on a final basis, select the year that the balance was 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 that the balances were last approved for disposition on an interim basis.

ii) if there are changes to the previously approved interim balances, select the year that the balances 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.

Incentive Rate-setting Mechanism Rate Generator for 2021 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 Adjustments¹ during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018
Group 1 Accounts							
LV Variance Account	1550	0			924,371	924,371	0
Smart Metering Entity Charge Variance Account	1551	0			(25,147)	(25,147)	0
RSVA - Wholesale Market Service Charge⁵	1580	0			(315,633)	(315,633)	0
Variance WMS – Sub-account CBR Class A⁵	1580	0			0	0	0
Variance WMS – Sub-account CBR Class B⁵	1580	0			(4,574)	(4,574)	0
RSVA - Retail Transmission Network Charge	1584	0			56,061	56,061	0
RSVA - Retail Transmission Connection Charge	1586	0			20,150	20,150	0
RSVA - Power⁴	1588	0			(70,640)	(70,640)	0
RSVA - Global Adjustment⁴	1589	0			262,817	262,817	0
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014)³	1595	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2015)³	1595	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2016)³	1595	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2017)³	1595	0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2018)³	1595	0	1,188,733			1,188,733	0
Disposition and Recovery/Refund of Regulatory Balances (2019)³							
Refer to the Filing Requirements for disposition eligibility.	1595	0				0	0
RSVA - Global Adjustment	1589	0	0	0	262,817	262,817	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	1,188,733	0	584,588	1,773,321	0
Total Group 1 Balance		0	1,188,733	0	847,405	2,036,139	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	417,371	51,880	(24,914)	340,577	0
Total including Account 1568		0	1,606,104	51,880	822,491	2,376,716	

				2019								
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	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
		16,957	16,957	924,371	700,993	527,668		1,097,696	16,957	18,063	10,992	
		(372)	(372)	(25,147)	(6,330)	(6,462)		(25,015)	(372)	(528)	(105)	
		(7,682)	(7,682)	(315,633)	(77,922)	(312,914)		(80,641)	(7,682)	(2,442)	(2,971)	
		0	0	0				0	0			
		(113)	(113)	(4,574)	(21,857)			(26,430)	(113)	50		
		545	545	56,061	(714)	4,080		51,267	545	440	(281)	
		311	311	20,150	51,340	3,407		68,084	311	98	(673)	
		(12,339)	(12,339)	(70,640)	64,843	(151,490)	43,069	188,762	(12,339)	(10,241)	(9,868)	
		20,040	20,040	262,817	39,565	351,110	112,906	64,178	20,040	16,307	11,184	
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
29,276			29,276	1,188,733	(842,838)			345,895	29,276	17,576		
			0	0	(271,272)	(476,453)		205,181	0	10,897	(5,548)	
0	0	20,040	20,040	262,817	39,565	351,110	112,906	64,178	20,040	16,307	11,184	0
29,276	0	(2,692)	26,584	1,773,321	(403,755)	(412,164)	43,069	1,824,799	26,584	33,914	(8,454)	0
29,276	0	17,348	46,624	2,036,139	(364,191)	(61,054)	155,975	1,888,977	46,624	50,221	2,730	0
6,334	2,840	3,926	7,420	340,577	101,550	61,054		381,073	7,420	9,236	2,619	
35,610	2,840	21,274	54,044	2,376,716	(262,641)	(0)	155,975	2,270,050	54,044	59,457	5,349	0

	2020				Projected Interest on Dec-31-2019 Balances					2.1.7 RRR ⁵	
Closing Interest Amounts as of Dec 31, 2019	Principal Disposition during 2020 - instructed by OEB	Interest Disposition during 2020 - instructed by OEB	Closing Principal Balances as of Dec 31, 2019 Adjusted for Disposition during 2020	Closing Interest Balances as of Dec 31, 2019 Adjusted for Disposition during 2020	Projected Interest from Jan 1, 2020 to Dec 31, 2020 on Dec 31, 2019 balance adjusted for disposition during 2020 ²	Projected Interest from Jan 1, 2021 to Apr 30, 2021 on Dec 31, 2019 balance adjusted for disposition during 2020 ²	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2019	Variance RRR vs. 2019 Balance (Principal + Interest)
24,029	396,703	17,721	700,993	6,308	9,592	1,314	17,214	718,207		1,121,725	0
(795)	(18,685)	(820)	(6,330)	25	(87)	(12)	(73)	(6,404)		(25,810)	0
(7,153)	(7,293)	(5,041)	(73,348)	(2,112)	(1,004)	(137)	(3,253)	(76,601)		(114,287)	(26,494)
0			0	0	0	0	0	0		0	0
(63)			(26,430)	(63)	(362)	(50)	(475)	(26,905)		(26,494)	0
1,266	51,981	2,366	(714)	(1,100)	(10)	(1)	(1,111)	(1,825)		52,533	0
1,082	16,743	1,480	51,341	(398)	703	96	401	51,741		69,166	0
(12,711)	(175,940)	(75)	364,702	(12,636)	4,991	683	(6,962)	357,740		(50,781)	(226,832)
25,163	168,527	6,240	(104,349)	18,923	(1,428)	(196)	17,300	(87,049)		104,107	14,766
0			0	0	0	0	0	0	No	0	0
0			0	0	0	0	0	0	No	0	0
0			0	0	0	0	0	0	No	0	0
0			0	0	0	0	0	0	No	0	0
46,853			345,895	46,853	4,733	648	52,234	0	No	392,748	0
16,445			205,181	16,445	2,808	385	19,637	0	No	221,626	0
25,163	168,527	6,240	(104,349)	18,923	(1,428)	(196)	17,300	(87,049)		104,107	14,766
68,952	263,509	15,631	1,561,290	53,321	21,364	2,926	77,611	1,015,954		1,666,919	(226,832)
94,115	432,036	21,871	1,456,941	72,244	19,937	2,730	94,911	928,904		1,771,026	(212,066)
14,037	276,183	12,983	104,890	1,054	1,643	210	2,907	107,797		312,629	(82,481)
108,152	708,219	34,854	1,561,831	73,298	21,579	2,941	97,818	1,036,701		2,083,656	(294,546)

Incentive Rate-setting Mechanism Rate Generator for 2021 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	125,942,764	0	3,518,965	0	0	0	125,942,764	0	11,273	16,013
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	46,523,087	1,452	8,062,246	1,452	0	0	46,523,087	1,452	41,775	1,774
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	129,239,782	306,011	120,187,424	285,583	2,541,776	4,895	126,698,006	301,116	15,352	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	393,942	0	10,227	0	0	0	393,942	0	-3,192	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,202,769	3,379	1,202,769	3,379	0	0	1,202,769	3,379	-59	
Total		303,302,344	310,842	132,981,631	290,414	2,541,776	4,895	300,760,568	305,947	107,797	17,787

Threshold Test

Total Claim (including Account 1568)

\$1,036,701

Total Claim for Threshold Test (All Group 1 Accounts)

\$928,904

Threshold Test (Total claim per kWh)²

\$0.0031

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 2021 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	41.5%	90.0%	41.9%	298,227	(5,765)	(32,076)	(758)	21,485	149,803	11,273
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	15.3%	10.0%	15.5%	110,165	(639)	(11,849)	(280)	7,937	55,337	41,775
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	42.6%	0.0%	42.1%	306,034	0	(32,269)	(778)	22,047	150,701	15,352
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	933	0	(100)	(2)	67	469	(3,192)
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	2,848	0	(306)	(7)	205	1,431	(59)
Total	100.0%	100.0%	100.0%	718,207	(6,404)	(76,601)	(1,825)	51,741	357,740	65,150

** 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 2021 Filers

1a The year Account 1589 GA was last disposed

2018

1b The year Account 1580 CBR Class B was last disposed

2018

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)?

No

(If you received approval to dispose of the CBR Class B account balance as at December 31, 2016, the period the GA variance accumulated would be 2017 to 2019.)

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)?

No

(If you received approval to dispose of the CBR Class B account balance as at December 31, 2016, the period the GA variance accumulated would be 2017 to 2019.)

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).

1

In the table, enter the total Class A consumption for full year Class A customers in each rate class for each year (including transition customers identified in table 3a above if they were a full year Class A customer for a particular year).

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

	Rate Class		2019
Rate Class 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	55,254,523
		kW	17,544



Ontario Energy Board

Five Rate-setting Mechanism Rate Generator for 2021 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

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 2019 Consumption excluding WMP	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	3,518,965	3,518,965	4.5%	(\$3,941)	(\$0.0011) kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	8,062,246	8,062,246	10.4%	(\$9,029)	(\$0.0011) kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	120,187,424	64,932,901	83.5%	(\$72,721)	(\$0.0011) kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	10,227	10,227	0.0%	(\$11)	(\$0.0011) kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,202,769	1,202,769	1.5%	(\$1,347)	(\$0.0011) kWh
Total		132,981,631	77,727,108	100.0%	(\$87,049)	

Incentive Rate-setting Mechanism Rate Generator for 2021 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

2018

	Total Metered 2019 Consumption Minus WMP		Total Metered 2019 Consumption for Full Year Class A Customers		Total Metered 2019 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	125,942,764	0	0	0	0	125,942,764	0	51.3%	(\$13,802)	(\$0.0001)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	46,523,087	1,452	0	0	0	46,523,087	1,452	18.9%	(\$5,098)	(\$0.0001)	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	126,698,006	301,116	55,254,523	17,544	0	71,443,483	283,572	29.1%	(\$7,829)	(\$0.0276)	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	393,942	0	0	0	0	393,942	0	0.2%	(\$43)	(\$0.0001)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,202,769	3,379	0	0	0	1,202,769	3,379	0.5%	(\$132)	(\$0.0391)	kW
Total		300,760,568	305,947	55,254,523	17,544	0	245,506,045	288,403	100.0%	(\$26,904)		



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Incentive Rate-setting Mechanism Rate Generator for 2021 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	125,942,764	0	125,942,764	0	430,915		0.0034	0.0000	0.0001	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	46,523,087	1,452	46,523,087	1,452	160,671		0.0035	0.0000	0.0009	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	129,239,782	306,011	126,698,006	301,116	327,304	118,432	1.0696	0.3933	0.0502	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	393,942	0	393,942	0	1,366		0.0035	0.0000	(0.0081)	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,202,769	3,379	1,202,769	3,379	4,170		1.2342	0.0000	(0.0175)	
											1,042,323.65

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 2021 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2013	2021
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 2021 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	125,942,764		20,325	0.11 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	46,523,087	1,452	5,254	0.0001 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	129,239,782	306,011	6,095	0.0199 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	393,942		24	0.0001 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,202,769	3,379	1,110	0.3285 kW
Total		303,302,344	310,842	\$32,808	



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 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	0.0071	125,942,764	0	1.0710	134,884,700
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045	125,942,764	0	1.0710	134,884,700
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	46,523,087	1,452	1.0710	49,826,226
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0037	46,523,087	1,452	1.0710	49,826,226
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5747	129,239,782	306,011		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5712	129,239,782	306,011		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	393,942	0	1.0710	421,912
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0037	393,942	0	1.0710	421,912
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9417	1,202,769	3,379		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2147	1,202,769	3,379		



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Uniform Transmission Rates	Unit	2019 Jan to Jun	2019 Jul to Dec	2020	2021
Rate Description		Rate	Rate	Rate	Rate
Network Service Rate	kW	\$ 3.71	\$ 3.83	\$ 3.92	\$ 3.92
Line Connection Service Rate	kW	\$ 0.94	\$ 0.96	\$ 0.97	\$ 0.97
Transformation Connection Service Rate	kW	\$ 2.25	\$ 2.30	\$ 2.33	\$ 2.33

Hydro One Sub-Transmission Rates	Unit	2019 Jan to Jun	2019 Jul to Dec	2020	2021
Rate Description		Rate	Rate	Rate	Rate
Network Service Rate	kW	\$ 3.1942	\$ 3.2915	\$ 3.3980	\$ 3.3980
Line Connection Service Rate	kW	\$ 0.7710	\$ 0.7877	\$ 0.8045	\$ 0.8045
Transformation Connection Service Rate	kW	\$ 1.7493	\$ 1.9755	\$ 2.0194	\$ 2.0194
Both Line and Transformation Connection Service Rate	kW	\$ 2.5203	\$ 2.7632	\$ 2.8239	\$ 2.8239

If needed, add extra host here. (I)	Unit	2019 Jan to Jun	2019 Jul to Dec	2020	2021
Rate Description		Rate	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	2019 Jan to Jun	2019 Jul to Dec	2020	2021
Rate Description		Rate	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 2019	Current 2020	Forecast 2021
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for 2021 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 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.

Low Voltage Switchgear Credit (if applicable)

§ -

Total including deduction for Low Voltage Switchgear Credit	\$ 1,142,204
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Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

The purpose of this sheet is to calculate the expected billing when current 2020 Uniform Transmission Rates are applied against historical 2019 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
February	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
March	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
April	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
May	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
June	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
July	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
August	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
September	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
October	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
November	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
December	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -
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	57,594	\$ 3.3980	\$ 195,704	4,682	\$ 0.8045	\$ 3,767	57,841	\$ 2.0194	\$ 116,805	\$ 120,571			
February	53,046	\$ 3.3980	\$ 180,250	4,388	\$ 0.8045	\$ 3,530	53,556	\$ 2.0194	\$ 108,151	\$ 111,681			
March	51,373	\$ 3.3980	\$ 174,567	4,200	\$ 0.8045	\$ 3,379	51,612	\$ 2.0194	\$ 104,225	\$ 107,604			
April	42,842	\$ 3.3980	\$ 145,578	3,346	\$ 0.8045	\$ 2,692	42,842	\$ 2.0194	\$ 86,516	\$ 89,207			
May	40,816	\$ 3.3980	\$ 138,694	3,409	\$ 0.8045	\$ 2,743	40,816	\$ 2.0194	\$ 82,800	\$ 85,545			
June	46,973	\$ 3.3980	\$ 159,616	3,311	\$ 0.8045	\$ 2,664	46,973	\$ 2.0194	\$ 94,458	\$ 97,522			
July	53,049	\$ 3.3980	\$ 180,262	4,255	\$ 0.8045	\$ 3,423	53,205	\$ 2.0194	\$ 107,442	\$ 110,865			
August	49,453	\$ 3.3980	\$ 168,042	3,744	\$ 0.8045	\$ 3,012	49,595	\$ 2.0194	\$ 100,151	\$ 103,163			
September	43,480	\$ 3.3980	\$ 147,747	5,746	\$ 0.8045	\$ 4,622	48,358	\$ 2.0194	\$ 97,654	\$ 102,276			
October	43,396	\$ 3.3980	\$ 147,461	3,206	\$ 0.8045	\$ 2,579	43,396	\$ 2.0194	\$ 87,635	\$ 90,214			
November	49,604	\$ 3.3980	\$ 168,556	3,910	\$ 0.8045	\$ 3,146	49,604	\$ 2.0194	\$ 100,171	\$ 103,317			
December	54,561	\$ 3.3980	\$ 185,399	4,654	\$ 0.8045	\$ 3,744	54,561	\$ 2.0194	\$ 110,181	\$ 113,925			
Total	586,190	\$ 3.40	\$ 1,991,875	48,851	\$ 0.80	\$ 39,300	592,548	\$ 2.02	\$ 1,196,591	\$ 1,235,892			

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 (H)	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	57,594	\$ 3.3980	\$ 195,704	4,682	\$ 0.8045	\$ 3,767	57,841	\$ 2.0194	\$ 116,805	\$ 120,571			
February	53,046	\$ 3.3980	\$ 180,250	4,388	\$ 0.8045	\$ 3,530	53,556	\$ 2.0194	\$ 108,151	\$ 111,681			
March	51,373	\$ 3.3980	\$ 174,567	4,200	\$ 0.8045	\$ 3,379	51,612	\$ 2.0194	\$ 104,225	\$ 107,604			
April	42,842	\$ 3.3980	\$ 145,578	3,346	\$ 0.8045	\$ 2,692	42,842	\$ 2.0194	\$ 86,516	\$ 89,207			
May	40,816	\$ 3.3980	\$ 138,694	3,409	\$ 0.8045	\$ 2,743	41,004	\$ 2.0194	\$ 82,800	\$ 85,545			
June	46,973	\$ 3.3980	\$ 159,616	3,311	\$ 0.8045	\$ 2,664	46,973	\$ 2.0194	\$ 94,458	\$ 97,522			
July	53,049	\$ 3.3980	\$ 180,262	4,255	\$ 0.8045	\$ 3,423	53,205	\$ 2.0194	\$ 107,442	\$ 110,865			
August	49,453	\$ 3.3980	\$ 168,042	3,744	\$ 0.8045	\$ 3,012	49,595	\$ 2.0194	\$ 100,151	\$ 103,163			
September	43,480	\$ 3.3980	\$ 147,747	5,746	\$ 0.8045	\$ 4,622	48,358	\$ 2.0194	\$ 97,654	\$ 102,276			
October	43,396	\$ 3.3980	\$ 147,461	3,206	\$ 0.8045	\$ 2,579	43,396	\$ 2.0194	\$ 87,635	\$ 90,214			
November	49,604	\$ 3.3980	\$ 168,556	3,910	\$ 0.8045	\$ 3,146	49,604	\$ 2.0194	\$ 100,171	\$ 103,317			
December	54,561	\$ 3.3980	\$ 185,399	4,654	\$ 0.8045	\$ 3,744	54,561	\$ 2.0194	\$ 110,181	\$ 113,925			
Total	586,190	\$ 3.40	\$ 1,991,875	48,851	\$ 0.80	\$ 39,300	592,548	\$ 2.02	\$ 1,196,591	\$ 1,235,892			

Low Voltage Switchgear Credit (if applicable)	\$	-
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Total including deduction for Low Voltage Switchgear Credit	\$ 1,235,892
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The purpose of this sheet is to calculate the expected billing when forecasted 2021 Uniform Transmission Rates are applied against historical 2019 transmission units.

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
February	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
March	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
April	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
May	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
June	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
July	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
August	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
September	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
October	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
November	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
December	-	\$ 3.9200	\$ -	-	\$ 0.9700	\$ -	-	\$ 2.3300	\$ -	\$ -			
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	57,594	\$ 3.3980	\$ 195,704	4,682	\$ 0.8045	\$ 3,767	57,841	\$ 2.0194	\$ 116,805	\$	120,571		
February	53,046	\$ 3.3980	\$ 180,250	4,388	\$ 0.8045	\$ 3,530	53,556	\$ 2.0194	\$ 108,151	\$	111,681		
March	51,373	\$ 3.3980	\$ 174,567	4,200	\$ 0.8045	\$ 3,379	51,612	\$ 2.0194	\$ 104,225	\$	107,604		
April	42,842	\$ 3.3980	\$ 145,578	3,346	\$ 0.8045	\$ 2,692	42,842	\$ 2.0194	\$ 86,516	\$	89,207		
May	40,816	\$ 3.3980	\$ 138,694	3,409	\$ 0.8045	\$ 2,743	41,004	\$ 2.0194	\$ 82,803	\$	85,545		
June	46,973	\$ 3.3980	\$ 159,616	3,311	\$ 0.8045	\$ 2,664	46,973	\$ 2.0194	\$ 94,858	\$	97,522		
July	53,049	\$ 3.3980	\$ 180,262	4,255	\$ 0.8045	\$ 3,423	53,205	\$ 2.0194	\$ 107,442	\$	110,865		
August	49,453	\$ 3.3980	\$ 168,042	3,744	\$ 0.8045	\$ 3,012	49,595	\$ 2.0194	\$ 100,151	\$	103,163		
September	43,480	\$ 3.3980	\$ 147,747	5,746	\$ 0.8045	\$ 4,622	48,358	\$ 2.0194	\$ 97,654	\$	102,276		
October	43,396	\$ 3.3980	\$ 147,461	3,206	\$ 0.8045	\$ 2,579	43,396	\$ 2.0194	\$ 87,635	\$	90,214		
November	49,604	\$ 3.3980	\$ 168,556	3,910	\$ 0.8045	\$ 3,146	49,604	\$ 2.0194	\$ 100,171	\$	103,317		
December	54,561	\$ 3.3980	\$ 185,399	4,654	\$ 0.8045	\$ 3,744	54,561	\$ 2.0194	\$ 110,181	\$	113,925		
Total	586,190	\$ 3.40	\$ 1,991,875	48,851	\$ 0.80	\$ 39,300	592,548	\$ 2.02	\$ 1,196,591	\$	1,235,892		

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	57,594	\$ 3.40	\$ 195,704	4,682	\$ 0.80	\$ 3,767	57,841	\$ 2.02	\$ 116,805	\$ 120,571
February	53,046	\$ 3.40	\$ 180,250	4,388	\$ 0.80	\$ 3,530	53,556	\$ 2.02	\$ 108,151	\$ 111,681
March	51,373	\$ 3.40	\$ 174,567	4,200	\$ 0.80	\$ 3,379	51,612	\$ 2.02	\$ 104,225	\$ 107,604
April	42,842	\$ 3.40	\$ 145,578	3,346	\$ 0.80	\$ 2,692	42,842	\$ 2.02	\$ 86,516	\$ 89,207
May	40,816	\$ 3.40	\$ 138,694	3,409	\$ 0.80	\$ 2,743	41,004	\$ 2.02	\$ 82,803	\$ 85,545
June	46,973	\$ 3.40	\$ 159,616	3,311	\$ 0.80	\$ 2,664	46,973	\$ 2.02	\$ 94,858	\$ 97,522
July	53,049	\$ 3.40	\$ 180,262	4,255	\$ 0.80	\$ 3,423	53,205	\$ 2.02	\$ 107,442	\$ 110,865
August	49,453	\$ 3.40	\$ 168,042	3,744	\$ 0.80	\$ 3,012	49,595	\$ 2.02	\$ 100,151	\$ 103,163
September	43,480	\$ 3.40	\$ 147,747	5,746	\$ 0.80	\$ 4,622	48,358	\$ 2.02	\$ 97,654	\$ 102,276
October	43,396	\$ 3.40	\$ 147,461	3,206	\$ 0.80	\$ 2,579	43,396	\$ 2.02	\$ 87,635	\$ 90,214
November	49,604	\$ 3.40	\$ 168,556	3,910	\$ 0.80	\$ 3,146	49,604	\$ 2.02	\$ 100,171	\$ 103,317
December	54,561	\$ 3.40	\$ 185,399	4,654	\$ 0.80	\$ 3,744	54,561	\$ 2.02	\$ 110,181	\$ 113,925
Total	586,190	\$ 3.40	\$ 1,991,875	48,851	\$ 0.80	\$ 39,300	592,548	\$ 2.02	\$ 1,196,591	\$ 1,235,892

Low Voltage Switchgear Credit (if applicable)											\$ -
Total including deduction for Low Voltage Switchgear Credit											\$ 1,235,892



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 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	0.0071	134,884,700	0	957,681	46.1%	917,661	0.0068
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	49,826,226	1,452	323,870	15.6%	310,336	0.0062
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5747		306,011	787,887	37.9%	754,962	2.4671
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	421,912	0	2,742	0.1%	2,628	0.0062
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9417		3,379	6,561	0.3%	6,287	1.8606

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	0.0045	134,884,700	0	606,981	47.5%	587,070	0.0044
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0037	49,826,226	1,452	184,357	14.4%	178,309	0.0036
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5712		306,011	480,804	37.6%	465,032	1.5197
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0037	421,912	0	1,561	0.1%	1,510	0.0036
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2147		3,379	4,104	0.3%	3,970	1.1749

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	0.0068	134,884,700	0	917,661	46.1%	917,661	0.0068
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	49,826,226	1,452	310,336	15.6%	310,336	0.0062
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4671		306,011	754,962	37.9%	754,962	2.4671
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	421,912	0	2,628	0.1%	2,628	0.0062
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8606		3,379	6,287	0.3%	6,287	1.8606

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	0.0044	134,884,700	0	587,070	47.5%	587,070	0.0044
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	49,826,226	1,452	178,309	14.4%	178,309	0.0036
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5197		306,011	465,032	37.6%	465,032	1.5197
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	421,912	0	1,510	0.1%	1,510	0.0036
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1749		3,379	3,970	0.3%	3,970	1.1749



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 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 2020 value and will be updated by OEB staff at a later date.

Price Escalator	2.00%	Productivity Factor	0.00%
Choose Stretch Factor Group	II	Price Cap Index	1.85%
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	25.88				1.85%	26.36	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	21.92		0.0145		1.85%	22.33	0.0148
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	104.69		3.4239		1.85%	106.63	3.4872
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.53		0.0125		1.85%	0.54	0.0127
STREET LIGHTING SERVICE CLASSIFICATION	3.83		15.9673		1.85%	3.90	16.2627
microFIT SERVICE CLASSIFICATION	4.55					4.55	

Incentive Rate-setting Mechanism Rate Generator for 2021 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, 2020	January 1, 2021
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		June 1, 2020
Off-Peak	\$/kWh	0.1280
Mid-Peak	\$/kWh	0.1280
On-Peak	\$/kWh	0.1280

Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.57
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Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):	\$	36.86
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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	2.00%	45.39

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	\$	102.00	2.00%	104.04
Monthly fixed charge, per retailer	\$	40.80	2.00%	41.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.02	2.00%	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61	2.00%	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)	2.00%	(0.62)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	\$	0.51	2.00%	0.52
Processing fee, per request, applied to the requesting party	\$	1.02	2.00%	1.04
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)	\$	4.08	2.00%	4.16
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)	\$	2.04	2.00%	2.08

* inflation factor subject to change pending OEB approved inflation rate effective in 2020

** 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

Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 5.0 (2021)

Generic LRAMVA Work Forms

Worksheet Name	Description
1. LRAMVA Summary	Tables 1-a and 1-b provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. The balances are populated from entries into other tabs throughout this work form.
1-a. Summary of Changes	Tables A-1 and A-2 include a template for LDCs to summarize changes to the LRAMVA work form.
2. LRAMVA Threshold	Tables 2-a, 2-b and 2-c include the LRAMVA thresholds and allocations by rate class.
3. Distribution Rates	Tables 3-a and 3-b include the distribution rates that are used to calculate lost revenues.
3-a. Rate Class Allocations	A blank spreadsheet is provided to allow LDCs to populate distributor specific rate class percentages to allocate actual CDM savings to different customer classes.
4. 2011-2014 LRAM	Tables 4-a, 4-b, 4-c and 4-d include the template 2011-2014 LRAMVA work forms.
5. 2015-2020 LRAM	Tables 5-a, 5-b, 5-c and 5-d include the template 2015-2020 LRAMVA work forms.
6. Carrying Charges	Table 6-b includes the variance on carrying charges related to the LRAMVA disposition.
7. Persistence Report	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
8. Streetlighting	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report (i.e., streetlighting projects).

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



LRAMVA Work Form: Instructions

Version 5.0 (2021)

Tab	Instructions
LRAMVA Checklist/Schematic Tab	<p>The LRAMVA work form was created in a generic manner for use by all LDCs. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below:</p> <ul style="list-style-type: none"> o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved. o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable. o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tab 3-a. Rate Class Allocations	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
Tabs 4 and 5 (2011-2020)	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO. o Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used. o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change. o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
Tab 7. Persistence Report	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).



LRAMVA Work Form: Checklist and Schematic

Version 5.0 (2021)

General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results and Participation and Cost Report. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

LRAMVA (\$) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance

Legend

Drop Down List (Blue)

Important Checklist

	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
	o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
	o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
	o Apply the IESO verified savings adjustments to the year it relates to.
	o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable
	o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
Actual Incremental CDM Savings by Initiative	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
<u>x Allocation % to Rate Class</u>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
<u>x Distribution Rate by Rate Class</u>	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA (\$) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
<u>+ Carrying Charges (\$) by Rate Class</u>	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA (\$) by Rate Class	Tab "1. LRAMVA Summary"			



Ontario Energy Board

LRAMVA Work Form: Summary Tab

Version 5.0 (2021)

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-2019-0027
Application of Previous LRAMVA Claim	2013 COS
Period of LRAMVA Claimed in Previous Application	2017-2018
Amount of LRAMVA Claimed in Previous Application	\$ 289,166

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2020-0018
Application of Current LRAMVA Claim	2013 COS
Period of New LRAMVA in this Application	2019
Period of Rate Recovery (# years)	1

C. Documentation of Changes

Original Amount	\$ 107,796.75
Amount for Final Disposition	

Actual Lost Revenues (\$)	A	\$ 154,113
Forecast Lost Revenues (\$)	B	\$ 49,223
Carrying Charges (\$)	C	\$ 2,907
LRAMVA (\$) for Account 1568	A-B+C	\$ 107,797

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	\$10,991	\$282	\$11,273
GS<50 kW	kWh	\$40,658	\$1,117	\$41,775
GS>50 kW	kW	\$14,894	\$458	\$15,352
Streetlights	kW	\$38,405	\$1,050	\$39,455
Unmetered Scattered Load	KW	-\$58	-\$1	-\$59
Total		\$104,890	\$2,907	\$107,797

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											Total
		kWh	kWh	kW	kW	kWh	0	0	0	0	0	0	0	0	0	0	
2019 Actuals	<input checked="" type="checkbox"/>	\$13,411.88	\$48,369.51	\$50,814.69	\$41,516.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$154,112.93
2019 Forecast		(\$2,421.01)	(\$7,711.81)	(\$35,920.72)	(\$3,111.95)	(\$57.61)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$49,223.10)
Carrying Charges		\$282.44	\$1,117.44	\$458.50	\$1,050.01	(\$1.48)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,906.91
Total LRAMVA Balance		\$11,273	\$41,775	\$15,352	\$39,455	-\$59	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$107,797

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



LRAMVA Work Form: Summary of Changes

Version 5.0 (2021)

Legend

User Inputs (Green)

Drop Down List (Blue)

Instructions (Grey)

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

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

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

Table A-2. Updates to LRAMVA Disposition

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

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

**LRAMVA Work Form:
Forecast Lost Revenues**

Version 5.0 (2021)

Legend

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

Table 2-a. LRAMVA Threshold

2013

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

	Total	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load									
		kWh	kWh	kW	kW	KWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	3,284,017	1,345,003	543,085	1,346,579	24,666	4,684									
kW	10,867	0	0	10671	196										
Summary		1345003	543085	10671	196	4684	0	0	0	0	0	0	0	0	0

Years Included in Threshold

2013 COS

Source of Threshold

2013 Settlement Agreement, p. 23/24 of 43

Table 2-b. LRAMVA Threshold

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

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

Years Included in Threshold

Source of Threshold

200X Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds

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

Year	LRAMVA Threshold	Residential	GS<50 kW	GS>50 kW	Streetlights	Unmetered Scattered Load									
		kWh	kWh	kW	kW	KWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0
2014	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0
2015	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0
2016	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0
2017	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0
2018	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0
2019	2013	1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0

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



LRAMVA Work Form: Distribution Rates

Version 5.0 (2021)

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-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		0	4	4	9	4	4	4	4	4	4	4	
Period 2 (# months)		12	8	8	3	8	8	8	8	8	8	8	12
Residential		\$ 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	\$ 0.0197	\$ 0.0198	\$ 0.0168	\$ 0.0119	\$ 0.0070	\$ 0.0018	\$ -	
GS<50 kW		\$ 0.0112	\$ 0.0112	\$ 0.0113	\$ 0.0131	\$ 0.0133	\$ 0.0135	\$ 0.0137	\$ 0.0139	\$ 0.0140	\$ 0.0142		
Rate rider for tax sharing		-\$ 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	\$ -	
Calendar year equivalent		\$ 0.0111	\$ 0.0112	\$ 0.0112	\$ 0.0118	\$ 0.0134	\$ 0.0137	\$ 0.0139	\$ 0.0141	\$ 0.0142	\$ 0.0142	\$ 0.0048	
GS>50 kW		\$ 2.2849	\$ 2.6222	\$ 2.6400	\$ 3.0850	\$ 3.1282	\$ 3.1689	\$ 3.2259	\$ 3.2824	\$ 3.3169	\$ 3.3617		
Rate rider for tax sharing		-\$ 0.0086	-\$ 0.0240					\$ 0.0206	\$ 0.0201	\$ 0.0191	\$ 0.0196		
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	\$ -	
Calendar year equivalent		\$ 2.5040	\$ 2.6152	\$ 2.7355	\$ 3.1167	\$ 3.1553	\$ 3.2206	\$ 3.2838	\$ 3.3248	\$ 3.3662	\$ 1.1271		
Streetlights		\$ 11.2240	\$ 13.9108	\$ 14.0054	\$ 14.3874	\$ 14.5888	\$ 14.7785	\$ 15.0445	\$ 15.3078	\$ 15.4685	\$ 15.6773		
Rate rider for tax sharing		-\$ 0.0899	-\$ 0.2505					\$ 0.1812	\$ 0.1808	\$ 0.1906	\$ 0.3091		
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	\$ -	
Calendar year equivalent		\$ 12.9553	\$ 13.7769	\$ 13.9131	\$ 14.5217	\$ 14.7153	\$ 15.0766	\$ 15.4010	\$ 15.6023	\$ 15.8773	\$ 5.3288		
Unmetered Scattered Load		\$ 0.0176	\$ 0.0176	\$ 0.0177	\$ 0.0113	\$ 0.0115	\$ 0.0116	\$ 0.0118	\$ 0.0120	\$ 0.0121	\$ 0.0123		
Rate rider for tax sharing		-\$ 0.0024	-\$ 0.0017	-\$ 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	\$ -	
Calendar year equivalent		\$ 0.0157	\$ 0.0170	\$ 0.0142	\$ 0.0089	\$ 0.0116	\$ 0.0118	\$ 0.0118	\$ 0.0120	\$ 0.0122	\$ 0.0123	\$ 0.0041	

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	0	0
2011	\$0.0171	\$0.0111	\$2.5040	\$12.9553	\$0.0157	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0168	\$0.0112	\$2.6152	\$13.7769	\$0.0170	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0175	\$0.0118	\$2.7355	\$13.9131	\$0.0142	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0197	\$0.0134	\$3.1167	\$14.5217	\$0.0089	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0198	\$0.0134	\$3.1553	\$14.7153	\$0.0116	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$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	\$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	\$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	\$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	\$0.0000	\$0.0000

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

LRAMVA Work Form:
2011 - 2014 Lost Revenues Work Form

Legend

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

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 rate period. The following work forms allow for adjustments after close to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in the second half of 2012 would be applied to the 2013 multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in 4. LDCs are requested to input the applicable rate class, savings amount, and savings type to the savings to the rate classes. The generic template is 5. The persistence of future savings is expected to be included in the distributor's load forecast after the 2014 rate period. The savings amount is calculated using the savings persistence ratio, auto-calculated after the 2014 rate period.

Tables

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

Table 4-a. 2011 Lost Revenues Work Form

[illegible]

Note: I DC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form

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[illegible]

2012 Savings Persisting in 2020	91,876	426,996	1,637	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Note: LDC to make note of key assumptions included above																		

Table 4-c. 2013 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA														
		2013	2013	Residential	GS<50 kW	GS>50 kW	Streetslights	Unmetered Scattered Load										Total
Consumer Program				kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0	0
Actual CDM Savings in 2013		1,632,662	515	185,768	809,291	1,306	0	0	0	0	0	0	0	0	0	0	0	0
Forecast CDM Savings in 2013				1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0	0
Distribution Rate in 2013				\$0.01750	\$0.01180	\$2.73550	\$13.91310	\$0.01420	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Lost Revenue in 2013 from 2011 programs				\$4,546.49	\$3,131.80	\$1,650.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$16,222.12
Lost Revenue in 2013 from 2013 programs				\$3,250.94	\$9,549.63	\$3,572.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$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	\$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
2013 Savings Persisting in 2015				177,580	799,187	1,298	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
2013 Savings Persisting in 2017				152,850	613,144	1,252	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
2013 Savings Persisting in 2019				139,608	609,055	1,200	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

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA															
		2014	2014	Residential	GS<50 kW	GS>50 kW	Streetslights	Unmetered Scattered Load											Total
		2014	2014	Residential	GS<50 kW	GS>50 kW	Streetslights	Unmetered Scattered Load											Total
Consumer Program																			
Actual CDM Savings in 2014		2,372,506	812	631,304	1,214,596	1,078	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2014				1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2014				\$0.01970	\$0.01340	\$3.11670	\$14.52170	\$0.00890	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$9,442.66
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	\$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	\$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	\$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	\$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	\$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	\$0.00	\$69,920.14
LRAMVA in 2014																			\$8,465.70
2014 Savings Persisting in 2015				578,637	1,210,974	1,076	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2016				547,052	886,424	1,076	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2017				545,095	822,732	1,055	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2018				527,221	822,732	573	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2019				508,444	822,732	573	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2020				506,523	818,038	562	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

Legacy Framework				kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0	0
Actual CDM Savings in 2017			7,883,886	1,215	4,329,929	115,235	3,839	2,531	0	0	0	0	0	0	0	0	0	0
Forecast CDM Savings in 2017					1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0
Distribution Rate in 2017				\$0.0190	\$0.0190	\$3.2830	\$15.40100	\$0.01200	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Lost Revenue in 2017 from 2011 programs				\$1,797.46	\$1,684.32	\$1,981.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,463.52
Lost Revenue in 2017 from 2012 programs				\$1,445.91	\$6,354.56	\$6,271.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,072.11
Lost Revenue in 2017 from 2013 programs				\$1,818.92	\$8,522.71	\$4,112.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,453.78
Lost Revenue in 2017 from 2014 programs				\$6,486.63	\$11,435.98	\$3,463.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21,385.63
Lost Revenue in 2017 from 2015 programs				\$6,882.69	\$7,642.50	\$4,749.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,274.66
Lost Revenue in 2017 from 2016 programs				\$18,173.62	\$7,009.76	\$3,072.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$104,717.63
Total Lost Revenues in 2017				\$88,131.40	\$44,251.60	\$36,258.49	\$38,982.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$207,623.57
Forecast Lost Revenues in 2017				\$16,005.54	\$7,548.88	\$35,041.43	\$3,018.60	\$56.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$61,670.65
LRAMVA in 2017																		\$145,952.92
2017 Savings Persisting in 2018				3,636,991	115,480	3,966	2,615	0	0	0	0	0	0	0	0	0	0	0
2017 Savings Persisting in 2019				3,636,991	110,508	3,966	2,615	0	0	0	0	0	0	0	0	0	0	0
2017 Savings Persisting in 2020				3,636,991	110,508	3,966	2,615	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

Table 5-d. 2018 Lost Revenues Work Form

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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				kWh	kWh	kW	kW	KWh	0	0	0	0	0	0	0	0	0	0
Actual CDM Savings in 2018		2,133,436	278	784,426	203,215	2,974	0	0	0	0	0	0	0	0	0	0	0	0
Forecast CDM Savings in 2018				1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0	0
Distribution Rate in 2018				\$0.00700	\$0.01410	\$3.32480	\$15.60230	\$0.01220	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Lost Revenue in 2018 from 2011 programs				\$1,054.43	\$1,708.55	\$2,006.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,271.00
Lost Revenue in 2018 from 2013 programs				\$895.68	\$8,587.67	\$3,990.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17,197.40
Lost Revenue in 2018 from 2015 programs				\$4,043.63	\$8,014.27	\$4,808.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,866.67
Lost Revenue in 2018 from 2016 programs				\$10,690.36	\$7,110.62	\$3,111.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,244.02
Total Lost Revenues in 2018				\$52,122.73	\$47,894.55	\$45,081.04	\$40,797.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$185,896.08
Forecast Lost Revenues in 2018				\$9,415.02	\$7,657.50	\$35,478.94	\$3,058.05	\$57.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55,666.66
LRAMVA in 2018																		\$130,229.43
2018 Savings Persisting in 2019				778,399	195,854	2,974	0	0	0	0	0	0	0	0	0	0	0	0
2018 Savings Persisting in 2020				778,016	180,523	2,959	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

Table 5-e. 2019 Lost Revenues Work Form

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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	0	0	0	0	0	0	0	0	0	0	0
Actual CDM Savings in 2019			1,249,756	134	13,076	43,057	1,537	0	0	0	0	0	0	0	0	0	0	0	0
Forecast CDM Savings in 2019					1,345,003	543,085	10,671	196	4,684	0	0	0	0	0	0	0	0	0	0
Distribution Rate in 2019				\$0.00180	\$0.01420	\$3.36620	\$15.87730	\$0.01230	\$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 2019 from 2011 programs				\$314.54	\$1,720.67	\$2,031.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,528.06
Lost Revenue in 2019 from 2015 programs				\$1,030.06	\$8,071.11	\$4,868.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,969.81
Lost Revenue in 2019 from 2016 programs				\$2,748.95	\$6,860.06	\$3,149.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,807.46
Total Lost Revenues in 2019				\$13,411.88	\$48,369.51	\$50,814.69	\$41,516.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$154,112.93
Forecast Lost Revenues in 2019 LRAMVA in 2019				\$2,421.01	\$7,711.81	\$35,920.72	\$3,111.95	\$57.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40,223.10
																		\$104,889.84	
2019 Savings Persisting in 2020				13,076	41,244	1,537	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

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Ontario Energy Board

LRAMVA Work Form: Carrying Charges by Rate Class

Version 5.0 (2021)

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

Instructions

1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.
2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.
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%
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	
2021 Q4	
2022 Q1	
2022 Q2	
2022 Q3	
2022 Q4	
2023 Q1	
2023 Q2	
2023 Q3	
2023 Q4	
2024 Q1	
2024 Q2	
2024 Q3	
2024 Q4	
2025 Q1	
2025 Q2	

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				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
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

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[illegible]

**APPENDIX E - 2019-0025 Approved 2020 Tariff Sheet
(May 1, 2020)**

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

EB-2019-0027

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)	\$	25.88
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Application of Tax Change (2020) - effective until April 30, 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 (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0020
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kWh	0.0009
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0008
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
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, 2020

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

EB-2019-0027

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)	\$	21.92
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0145
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0020
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kWh	0.0017
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0009
Rate Rider for Application of Tax Change (2020) - effective until April 30, 2021	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
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, 2020

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EB-2019-0027

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)	\$	104.69
Distribution Volumetric Rate	\$/kW	3.4239
Low Voltage Service Rate	\$/kW	0.5215
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0020
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kW	0.0355
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.2577)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.6632

Issued - April 16, 2020

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

EB-2019-0027

Rate Rider for Application of Tax Change (2020) - effective until April 30, 2021	\$/kW	0.0192
Retail Transmission Rate - Network Service Rate	\$/kW	2.5747
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5712

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, 2020

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EB-2019-0027

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.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (Based on 30 Day Month)	\$	0.53
Distribution Volumetric Rate	\$/kWh	0.0125
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0020
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kWh	(0.0003)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0010
Rate Rider for Application of Tax Change (2020) - effective until April 30, 2021	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
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, 2020

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EB-2019-0027

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.83
Distribution Volumetric Rate	\$/kW	15.9673
Low Voltage Service Rate	\$/kW	0.4031
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0020
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kW	22.7701
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.3416
Rate Rider for Application of Tax Change (2020) - effective until April 30, 2021	\$/kW	0.3277
Retail Transmission Rate - Network Service Rate	\$/kW	1.9417
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2147

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, 2020

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approved schedules of Rates, Charges and Loss Factors**

EB-2019-0027

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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EB-2019-0027

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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Customer Administration

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

Non-Payment of Account

Late payment - per month (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)	\$	44.50

EPCOR Electricity Distribution Ontario Inc.

TARIFF OF RATES AND CHARGES

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EB-2019-0027

RETAIL SERVICE CHARGES (if applicable)

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

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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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	102.00
Monthly Fixed Charge, per retailer	\$	40.80
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
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)	\$	4.08
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)	\$	2.04

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

Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells	
Drop down cells	
Utility Name	EPCOR ELECTRICITY DISTRIBUTION ONTARIO INC.

Note 1

For Account 1589,

a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis.

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

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

ii) there are changes to the previously approved interim balances, select the year that the balances 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.

(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)

Instructions:

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

For example:

- Scenario a - If 2018 balances were last approved on a final basis - Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bi - If 2018 balances were last approved on an interim basis and there are no changes to 2018 balances - Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bii - If 2018 balances were last approved on an interim basis, there are changes to 2018 balances, and 2017 balances were last approved for disposition - Select 2017 and GA Analysis Workforms for 2018 and 2019 will be generated.

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

3) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in 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.

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
2019	\$ 157,651	\$ 39,536	\$ 112,906	\$ 152,442	\$ (5,210)	\$ 8,975,426	-0.1%
Cumulative Balance	\$ 157,651	\$ 39,536	\$ 112,906	\$ 152,442	\$ (5,210)	\$ 8,975,426	N/A



GA Analysis Workform

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

Year		2019		
Total Metered excluding WMP	C = A+B	300,760,569	kWh	100%
RPP	A	167,778,937	kWh	55.8%
Non RPP	B = D+E	132,981,632	kWh	44.2%
Non-RPP Class A	D	55,254,523	kWh	18.4%
Non-RPP Class B*	E	77,727,109	kWh	25.8%

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

Note 3 **GA Billing Rate**

GA is billed on the

1st Estimate

Please confirm that the 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	2019								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	7,813,996		232,239	8,046,235	0.06741	\$ 542,397	0.08092	\$ 651,101	\$ 108,705
February	7,665,328		(511,010)	7,154,318	0.09657	\$ 690,892	0.08812	\$ 630,439	\$ (60,454)
March	7,273,398		186,832	7,460,230	0.08105	\$ 604,652	0.08041	\$ 599,877	\$ (4,775)
April	7,350,977		(898,035)	6,452,942	0.08129	\$ 524,560	0.12333	\$ 795,841	\$ 271,282
May	6,601,874		(297,054)	6,304,820	0.12860	\$ 810,800	0.12604	\$ 794,660	\$ (16,140)
June	6,223,885		18,478	6,242,364	0.12444	\$ 776,800	0.13728	\$ 856,952	\$ 80,152
July	6,192,564		1,098,133	7,290,697	0.13527	\$ 986,213	0.09645	\$ 703,188	\$ (283,025)
August	7,398,951		(396,145)	7,002,806	0.07211	\$ 504,972	0.12607	\$ 882,844	\$ 377,871
September	6,874,233		(474,931)	6,399,302	0.12934	\$ 827,686	0.12263	\$ 784,746	\$ (42,939)
October	6,458,854		76,907	6,535,761	0.17878	\$ 1,168,463	0.13680	\$ 894,092	\$ (274,371)
November	6,523,021		460,271	6,983,292	0.10727	\$ 749,098	0.09953	\$ 695,047	\$ (54,051)
December	7,062,899		303,688	7,366,587	0.08569	\$ 631,243	0.09321	\$ 686,640	\$ 55,397
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	83,439,980	-	(200,626)	83,239,354		\$ 8,817,775		\$ 8,975,426	\$ 157,651

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 textbox below if columns G and H are not used in the table above.

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

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustment on DVA Continuity Schedule	Principal Adjustments If "no", please provide an explanation
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 39,536			
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 356,187	Reversal of 2018 RPP Trueup of GA/Power allocation of part of final reconciliation posted in GL in 2019	Yes	
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ 2,853	Q4 RPP Trueup determined that GA portion of GA/Power determination was over allocated by \$3k. Adjustment posted in GL in 2020.	Yes	
2a	Remove prior year end unbilled to actual revenue differences	\$ (208,594)	Reversal of GA portion of Dec 2018 unbilled revenue was over accrued by 208k	Yes	
2b	Add current year end unbilled to actual revenue differences	\$ 103,860	GA portion of Dec 2019 unbilled revenue was over accrued by 103k	Yes	
3a	Remove difference between prior year accrual/unbilled to actual from load transfers				
3b	Add difference between current year accrual/unbilled to actual from load transfers	\$ -			
3	Significant prior period billing adjustments recorded in current year	\$ -			
4	Differences in actual system losses and billed TLFs	\$ -			
5	CT 2148 for prior period corrections	\$ -			
6	Others as justified by distributor				
7	Remove Prior Year GA Accrual vs. Actual	\$ (19,922)	2018 year end accrual of GA costs were underaccrued by \$20k. Adjustment posted in 2019.	Yes	
8	GA Accrual vs. Actual	\$ (121,478)	2019 year end accrual of GA costs was overaccrued by \$163k	Yes	
9					
10					

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ 152,442
	Net Change in Expected GA Balance in the Year Per Analysis	\$ 157,651
	Unresolved Difference	\$ (5,210)
	Unresolved Difference as % of Expected GA Payments to IESO	-0.1%

GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

Note 7 **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 Reversal of true-up of CT 148 based on actual 2017 consumption	224,501	No	Prior year reversal
2 True-up of RPP vs. Non-RPP allocation of CT 148 based on actual 2018	(356,187)	Yes	
3 Year end unbilled to actual revenue differences	208,594	Yes	
4 GA Accrual vs. Actual	19,922	Yes	
5			
6			
7			
8			
Total	96,830		
Total principal adjustments included in last approved balance	96,830		
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 Removal of true-up of CT 1142 for 2017 consumption recorded in 2018 GL	(99,572)	No	Prior year reversal
2 Reversal of true-up of CT 148 based on actual 2017 consumption	(224,501)	No	Prior year reversal
3 Cost of power accrual for 2018 vs Actual per IESO bill	36,438	Yes	
4 True-up of CT 1142 for 2018 consumption recorded in 2019 GL	(36,304)	Yes	
5 Unbilled accrued vs. billed for 2018 consumption	(172,558)	Yes	
6 True-up of RPP vs. Non-RPP allocation of CT 148 based on actual 2018	356,187	Yes	
7			
8			
Total	(140,310)		
Total principal adjustments included in last approved balance	(140,310)		
Difference	0		

Note 8 **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. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.

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
2018	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2 True-up of RPP vs. Non-RPP allocation of CT 148 based on actual 2018	356,186.57	2019
	3 Year end unbilled to actual revenue differences	(208,593.76)	2019
	4 GA Accrual vs. Actual	(19,922.07)	2019
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	127,671	
2019	Current year principal adjustments		
	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 Current Year Principal Adjustments	(14,765)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	112,906	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2018	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2		
	3 Cost of power accrual for 2018 vs Actual per IESO bill	(36,437.98)	2018
	4 True-up of CT 1142 for 2018 consumption recorded in 2019 GL	36,304.06	2018
	5 Unbilled accrued vs. billed for 2018 consumption	172,558.13	2018
	6 True-up of RPP vs. Non-RPP allocation of CT 148 based on actual 2018	(356,187.00)	2018
	7		
	8		
	Total Reversal Principal Adjustments	(183,763)	
2019	Current year principal adjustments		
	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 Current Year Principal Adjustments	226,831	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	43,069	