RENFREW HYDRO INC.

ED-2002-0577

2020 IRM APPLICATION

EB-2019-0065

Rates Effective: January 1, 2020

Submitted on: August 12, 2019

Renfrew Hydro, Inc.
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August 12, 2019

Ontario Energy Board
2300 Yonge Street
P.O. Box 2319, 27th Floor
Toronto, ON M4P 1E4

Attention: Ms. Kirsten Walli, Board Secretary
Re: OEB File No. EB-2019-0065 - Renfrew Hydro Inc. - 2020 IRM Rate Application

Dear Ms. Walli

Renfrew Hydro Inc. is pleased to submit to the Ontario Energy Board its Application for Electricity and Distribution Rates and Charges effective January 1, 2020, prepared in accordance to the Board's Chapter 3 Filing Requirements (July 12, 2018) and addendum (July 15, 2019). Two hard copies of the Application will follow by courier.

Renfrew Hydro Inc.'s application is being filed pursuant to the Board's e-Filing Services, consisting of one (1) electronic copy of the application in searchable/unrestricted PDF format and one (1) electronic copy in Microsoft Excel format of the following complete IRM models:

2020 IRM Rate Generator Model
2020 GA Analysis Workform
2020 Account-1595 Workform
2020 LRAMVA Workform

Should the Board have questions regarding this matter, please contact Cindy Marshall at cmarshall@renfrewhydro.com or myself at ljefferies@renfrewhydro.com.

Respectfully Submitted,

Lance Jefferies
President
Renfrew Hydro, Inc.

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LEGAL APPLICATION

ONTARIO ENERGY BOARD

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

AND IN THE MATTER OF *an Application by Renfrew Hydro Inc. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity and related matters to be effective January 1, 2020.*

RENFREW HYDRO INC.

2020 IRM RATE APPLICATION

For New Rates to be Effective January 1, 2020

CONTACT INFORMATION

The primary contact for this Application is:

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This application and related documents can be viewed on our website:

Internet Address: www.renfrewhydro.com

MANAGER'S SUMMARY

1. Introduction

Renfrew Hydro Inc. ("RHI") hereby applies to the Ontario Energy Board (the "Board") for approval of its 2020 Distribution Rate Adjustments effective January 1, 2020. RHI applies for an Order or Orders approving the proposed distribution rates and other charges as set out in Appendix 2: Proposed Tariff Sheet, of this Application as just and reasonable rates and charges pursuant to Section 78 of the OEB Act.

RHI has followed Chapter 3 of the Board's Filing Requirements for Electricity and Distribution Rate Applications dated July 12, 2018, and addendum dated July 15, 2019, along with the Key References listed at Chapter 3 Incentive Rate-Setting Applications.

In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of January 1, 2020, RHI requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the decided implementation date of the approved 2020 distribution rates. If the effective date does not coincide with the Board's decided implementation date for 2020 distribution rates and charges, RHI requests to be permitted to recover the incremental revenue from the effective date to the implementation date.

RHI requests that this application be disposed of by way of a written hearing.

RHI reviewed both the existing "Tariff Sheets" and billing determinants in the pre-populated worksheets and confirms that they are accurate and agree with the most recent reported RRR filings.

RHI attests that the utility, its shareholder, and all its customer classes will be affected by the outcome of this application.

In the preparation of this application, RHI used the 2020 IRM Rate Generator Model (Version 2.0) updated on August 8, 2019. The rates and other adjustments being applied for, and as calculated through the use of the above models, include a Price Cap Incentive Rate-Setting ("Price Cap IR") option to adjust the 2019 rates. (The Price Cap IR methodology provides for a mechanistic and formulaic adjustment to distribution rates and charges in the period between Cost of Service applications). The model also adjusts Retail Transmission Service Rates in accordance with Board Guideline G-2008-0001 - Electricity Distribution Retail Transmission Service Rates revised on June 28, 2012.

Throughout this Incentive Rate-Setting Application, RHI has provided information pertaining to changes in its rates. The issues to be addressed are as follows:

1. **Price Cap Adjustment**: RHI is requesting a Price Cap Adjustment increase of 1.20% in accordance with Chapter 3 of the Ontario Energy Board Filing Requirements for Electricity Distribution Rate Applications, issued July 12, 2018.

2. **Residential Rate Design**: RHI is transitioning to a fully fixed rate for its Residential customers. This application will see the fourth and final year of a four-year period of rate adjustments applied in accordance with Section 3.2.3 of the Filing Requirements.

3. **RTSR Adjustments**: RHI is requesting updated rates for Retail Transmission Service Rates.

4. **Deferral and Variance Accounts**: RHI is not requesting disposal of its Deferral and Variance Accounts as the balance falls below the threshold amount.

5. **Specific Service Charge and Loss Factors**: RHI is requesting the continuance of the Specific Service Charges and Loss Factor as approved in the 2017 Cost of Service Application (2016-0166), with the exception of the Collection of Account charge eliminated by the Ontario Energy Board (OEB) by a generic rate order.

6. **Disposition of LRAMVA**: RHI is seeking Board approval for a rate rider with a one-year disposition period for LRAMVA effective January 1, 2020.

7. **Tax Change**: RHI is not applying for a tax change rate rider, as the allocated tax sharing amount did not produce a rate rider. RHI proposes to transfer the entire OEB-approved tax sharing amount into account 1595 for disposition at a later date.

8. **ICM/Z-Factor**: RHI is not applying for an Incremental Capital Module or a Z-Factor claim.

9. **Rate Riders and Adders**: RHI is requesting the continuance of Rate Riders and Adders for which the sunset date has not yet been reached.

2. Distributor's Profile

Renfrew Hydro Inc. (RHI) is a licensed electricity distributor operating pursuant to electricity distribution license ED-2002-0577. RHI was incorporated under the Ontario Business Corporation Act on July 6th, 2000, and is 100% owned by the Town of Renfrew. RHI's urban service area is completely contained within the municipal boundaries of the Town of Renfrew. The area is embedded within the service territory of Hydro One Networks Inc.

RHI provides electrical distribution services to approximately 4,300 residential and commercial customers in its service area, which covers approximately 12.77 square kilometers.

RHI's distribution system is supplied by Hydro One Networks Inc.'s ("HONI") transmission system, primarily supplied from the Stewartville TS at a voltage level of 44 kV via the 10M3 feeder and 2 backup supply feeders (Stewartville 10M1 and Cobden 23M2). Sub-transmission feeders supply the distribution substations at a voltage of 44kV. The distribution system contains 5 distribution substations transforming voltage from 44 kV to 4.160 kV, where they supply feeders owned by RHI for wide-area distribution to residential and commercial customers.

As of the end of December 2018, RHI relied on approximately 81 km of circuits to deliver 86,792,704 kWh of energy to approximately 4,300 customers. The circuits can be broken down into roughly 73 km of overhead lines and 8 km of underground conductor.

As of December 31, 2018, RHI had two (2) Class A customers.

RHI last filed for a Cost of Service application in 2016 for rates effective January 1, 2017 (EB-2016-0166).

3. Publication of Notice

RHI is proposing that any required notices related to this Application appear in The Renfrew Mercury, which is a free publication circulated in RHI's service area.

The Renfrew Mercury/Star Metroland Media

35 Opeongo Rd

Renfrew, ON K7V 2T2

Phone # 613-432-3655

4. Price Cap Adjustment

As per Board policy (Chapter 3) of the filing requirements, distribution rates are to be adjusted according to the annual Adjustment Mechanism as presented through the Board's Rate Generator model. RHI has updated its stretch factor based on the PEG Report to the Ontario Energy Board *"Empirical Research in Support of Incentive Rate-Setting: 2017 Benchmarking Update*" issued August 2018. The price cap adjustment used in the 2020 Rate Generator is 0.90%. This calculation is based upon a price escalator of 1.20%, a productivity factor of 0.00%, and a stretch factor of 0.30%.

Table 1: RHI Price Cap Parameters

Stretch Factor Group	III
Price Escalator	1.20%
Stretch Factor Value	0.30%
Productivity Factor	0.00%
Price Cap Index	0.90%

RHI has used the model's 2019 rate-setting parameters as a placeholder and understands Board staff will update RHI's IRM Rate Generator model once the 2020 stretch factor assignment and inflation factors are issued by the OEB.

The annual price cap adjustment mechanism under this application will apply to fixed and volumetric distribution rates for RHI. The annual price cap adjustment mechanism will not be applied to the following:

- Rate Adders and Riders;
- Low Voltage Service Charges;
- Retail Transmission Service Rates;
- Wholesale Market Service Rate;
- Rural Rate Protection Charge;
- Standard Supply Service – Administrative Charge;

- MicroFIT Service Charge;
- Specific Service Charges;
- Transformation and Primary Metering Allowances; and
- Smart Metering Entity Charge.

5. Revenue to Cost Ratio Adjustments

Revenue to cost ratios measure the relationship between the revenues expected from a class of customers and the level of costs associated with that class. The Board has established target ratio ranges for Ontario electricity distributors in its Review of Electricity Distribution Cost Allocation Policy (EB-2012-0219), dated March 31, 2011. In RHI's 2017 Cost of Service Rate Application Decision (EB-2016-0166), RHI was directed to follow the approach of moving customers whose revenue-to-cost ratios that are above or below the approved ranges, to the lower and upper boundaries of their applicable ranges. Adjustments were to be made to the lowest or highest classes within their ranges as necessary to maintain revenue neutrality.

The OEB approved a three-year transition period for the adjustments to Revenue-to-Cost Ratios as contained in the 2017 Cost of Service settlement proposal for General Service >50, Street Lighting, and Unmetered Scattered Load customers to the Board's minimum policy target range. The adjustments summarized below were completed in 2017, 2018, and 2019. **No further adjustments are being requested for 2020.**

Table 2: Revenue to Cost Ratios

Class	Proposed Revenue-to-Cost Ratios			Policy Range
	2017	2018	2019	
	%	%	%	%
Residential	95.63	95.63	95.63	85 - 115
General Service < 50 kW	120.07	120.07	120.07	80 - 120
General Service > 50 kW	92.69	96.70	97.30	80 - 120
Unmetered Scattered Load	220.09	160.000	120.000	80 - 120
Street Lighting	160.00	120.000	120.000	85 - 115

6. Rate Design for Residential Electricity

On April 2, 2015, the OEB released Board Policy, EB-2014-0210, *A New Distribution Rate Design for Residential Electricity Consumers*. The report requires electricity distributors to transition to a fully fixed monthly distribution service charge for residential customers over a four-year period. RHI followed the approach set out in sheet 16 of the rate generator model to implement the fourth and final yearly adjustments to its Monthly Fixed Charge. The incremental fixed charge of $2.54, as calculated at cell F25 of Worksheet 16 of the IRM model, falls below the $4.00 threshold that would require mitigation. RHI is therefore not requesting to extend the OEB-approved transition period. RHI notes that the actual incremental residential monthly fixed charge with the price cap index applied is $2.77.

Table 3 shows the existing rates compared to the proposed rates. The bill impacts are discussed further in Section 17 of this application.

Table 3: Current vs Proposed Distribution Rates

Rate Class	Current Monthly Fixed Charge $/Month	Proposed Monthly Fixed Charge $/Month	Change $/Month	Current Volumetric Charge	Proposed Volumetric Charge	Change	
Residential Service	22.76	25.53	2.77	0.0039	0.0000	(0.0039)	$/kWh
General Service Less Than 50 kW Service	31.86	32.15	.29	0.0156	0.0157	0.0001	$/kWh
General Service 50 To 4,999 kW Service	202.22	204.04	1.82	3.0595	3.0870	0.0275	$/kW
Unmetered Scattered Load Service	21.24	21.43	.19	0.0016	0.0016	0.0000	$/kWh
Street Lighting Service	2.00	2.02	.02	4.2149	4.2528	0.0379	$/kW

7. RTSR Adjustments

RHI is applying for an adjustment of its Retail Transmission Service Rates (RTSR) based on a comparison of historical transmission costs adjusted for new Hydro One Sub-Transmission Rates levels and revenues generated from existing RTSRs. This approach is expected to minimize variances in the USoA Accounts 1584 and 1586.

RHI used the RTSR Adjustment Worksheets embedded in the IRM Model to determine the proposed adjustments to the RTSR approved in 2019 IRM.

The Loss Factor applied to the metered kWh is the actual Board-approved 2017 Loss Factor (EB-2016-0166).

The proposed adjustments of the RTSRs are shown in the tables below, and the detailed calculations can be found in the 2020 IRM Model filed in conjunction with this application. RHI understands that the most recent sub-transmission rates approved by the OEB were used to generate the proposed rates, and OEB staff will adjust each distributor's 2020 RTSR section, once the January 1, 2020 sub-transmission adjustments have been determined.

Table 4: Proposed Network Service Rate

		Current	Proposed	
Rate Class	**Unit**	**RTSR-**	**RTSR-**	**Change**
		Network	**Network**	
Residential Service	$/kWh	0.0053	0.0064	0.0011
General Service Less Than 50 kW Service	$/kWh	0.0048	0.0058	0.0010
General Service 50 To 4,999 kW Service	$/kW	1.9591	2.3834	0.4243
Unmetered Scattered Load Service	$/kWh	0.0048	0.0058	0.0010
Street Lighting Service	$/kW	1.4775	1.7975	0.3200

Table 5: Proposed Line and Transformation Conection Service Rate

		Current	Proposed	
Rate Class	**Unit**	**RTSR-**	**RTSR-**	**Change**
		Connection	**Connection**	
Residential Service	$/kWh	0.0036	0.0045	0.0009
General Service Less Than 50 kW Service	$/kWh	0.0033	0.0041	0.0008
General Service 50 To 4,999 kW Service	$/kW	1.2448	1.5621	0.3173
Unmetered Scattered Load Service	$/kWh	0.0033	0.0041	0.0008
Street Lighting Service	$/kW	0.9624	1.2077	0.2453

8. Deferral and Variance Accounts

Chapter 3 of the Board's Filing Requirements and the *Report of the Board on Electricity Distributors' Deferral and Variance Account Review Report* (the "EDDVAR Report") provide that under the Price Cap IR, the distributor's Group 1 audited account balances will be reviewed and disposed of, if the pre-set disposition threshold $0.001 per kWh (debit or credit) is exceeded. Distributors must file in the application Group 1 balances as at December 31, 2018, to determine if the threshold has been exceeded. RHI has completed the Board's 2020 IRM Rate Generator Tab 3: 2018 Continuity Schedule for up to the year ending 2018, with projected interest to December 31, 2019. Actual interest has been calculated based on the Board's prescribed rates. Projected interest for the period January 1, 2019, to December 31, 2019, is based upon the Board prescribed rate of 2.45% for Q1, and 2.18% for the remainder of the year. Deferral and RSVA balances as at December 31, 2018 match the 2018 Audited Financial Statements.

The balance of RHI's Group 1 Deferral and Variance accounts total ($36,457), or ($0.0004) per kWh. Since this is below the pre-set disposition threshold of $0.001 per kWh, RHI is not requesting disposal of its Group 1 deferral and variance account in this proceeding. A summary of the account balances is provided in Table 6.

Table 6: Deferral and Variance Account Balances

Group 1 Accounts	USoA	Principal	Interest to 31-Dec-19	Total Balance
LV Variance Account	**1550**	295,607	14,162	309,769
Smart Metering Entity Charge Variance Account	**1551**	(1,765)	(42)	(1,807)
RSVA - Wholesale Market Service Charge	**1580**	(227,393)	(11,105)	(238,498)
RSVA Wholesale Market Service Charge - Sub-account CBR Class B	**1580**	(28,238)	(1,331)	(29,570)
RSVA - Retail Transmission Network Charge	**1584**	(55,083)	(3,972)	(59,055)
RSVA - Retail Transmission Connection Charge	**1586**	74,841	3,486	78,327
RSVA - Power (Excluding Global Adjustment)	**1588**	(41,098)	(2,615)	(43,713)
RSVA - Power Sub-account - Global Adjustment)	**1589**	(78,521)	(1,428)	(79,949)
Disposition and Recovery/Refund of Regulatory Balances (2015)	**1595**	(9,845)	8,410	(1,435)
Disposition and Recovery/Refund of Regulatory Balances (2017)	**1595**	41,911	(12,438)	29,473
Group 1 Total (including Account 1589 - Global Adjustment)		**(29,584)**	**(6,873)**	**(36,457)**

9. Wholesale Market Participants

RHI does not have any Wholesale Market Participants.

10. Specific Service Charge and Loss Factors

RHI is applying to continue the Specific Service Charges and Loss Factor as approved by the board in the 2017 Cost of Service (EB-2016-0166), with the exception of the Collection of Account charge eliminated by the Ontario Energy Board (OEB) by a generic rate order.

11. RPP Settlement Process

Global Adjustment

The majority of RHI's customers are Class B customers. These customers pay the global adjustment ("GA") charge based on the amount of electricity they consume in a month (kWh). Within the Class B group, there are two categories of customers: RPP customers who pay an RPP rate which has a built in GA adjustment component and the remaining non-RPP customers who pay the Hourly Ontario Electricity Price, and a monthly GA price listed separately on their bill. RHI uses the GA first estimate to bill its non-RPP Class B customers and to calculate and record unbilled revenues. This treatment is applicable to all customer classes.

For Class B customers, RSVA Account 1589 captures the difference between the GA amounts billed to non-RPP customers and the actual GA amount paid by the distributor for those customers to the IESO or host distributor. This is the variance between the final rate for GA and what is billed to customers using the First Estimate loaded into the billing system.

Customers who participate in the Industrial Conservation Initiative (ICI) are referred to as Class A customers and pay GA based on their percentage contribution to the top five peak Ontario demand hours (i.e., peak demand factor) over a 12-month period. RHI's first two (2) Class A customers opted in effective July 1, 2017. These customers are billed actual costs and have therefore not contributed to any of the balance accumulated in 1589 RSVA GA for the period they were Class A customers. When RHI's 1589 RSVA GA balance is large enough to dispose of,

a calculation will be performed using the IRM model to create a separate rate rider for any Class B customers that transitioned to Class A during the period the Account 1589 RSVA GA accumulated. This will ensure the balance in 1589 RSVA GA is appropriately allocated to only those customers that contributed to the variance in the account (Class B portion only).

RHI confirms that it follows the OEB Accounting Guidance on CBR issued by the Board on July 25, 2016. RHI bills its Class A customers their share of the monthly Ontario-wide total Capacity Based Recovery amount costs by the customer's Peak Demand Factor. These revenues match the costs, as charged to RHI from its host distributor.

RHI records WMS revenues for CBR on all consumption effective January 1, 2016, and onwards for Class B customers. The variance between the revenue billed to customers for Class B CBR and the costs are tracked in Account 1580 WMS Sub Account CBR Class B. When RHI's balance in WMS CBR Class B is large enough to dispose of, a calculation will be required to ensure the balance is allocated to only those customers that contributed to the variance in the account (Class B portion only).

Monthly Settlement Submissions

RHI is required to settle the difference between spot and RPP pricing, for RPP customers within four business days of month end. The difference is determined by comparing the revenues billed to RPP customers (three-tiered TOU pricing and the two tiered RPP pricing), and the wholesale cost of power, which includes the amount of the global adjustment allocated to this portion of the distributor's load.

When completing the monthly submission for IESO settlements, RHI uses a top down approach. RHI starts by collecting the current month's wholesale metering data from our third-party meter management vendor, Utilismart, then adds all embedded generation to calculate the total load (kWh) purchased. The Class A customer volumes are removed and can be determined directly for the meter management data. The split between RPP and non-RPP consumption, after the Class A customer volumes have been removed must be estimated. The current month's billing data is used to estimate the split. It is an estimate because the current month's billing data is

based on the prior month's consumption. A percentage/ratio (current month's billing statistics based on prior month's consumption) is also used to determine the split between on-peak, off-peak, mid-peak, tier 1, and tier 2 pricing from the RPP consumption. Once the consumption has been estimated the difference between estimated revenues and costs can be determined and settled with the IESO. The first estimate of the GA is used for this initial calculation, but once the actual GA rate is known, an adjustment is made to true-up in the following month.

RHI understands that its current process for providing monthly settlement data includes estimates with some inherent assumptions due to the data timing and data limitations. RHI performs a reconciliation every quarter based on actual consumption volumes from the billing data for the RPP customers, including on-peak, off-peak, mid-peak, tier 1, and tier 2. These quarterly true-ups are settled with the IESO on a regular basis and booked to the 1588-Power variance each quarter end to provide timely adjustments. RHI also performs an annual reconciliation to verify that the year end balances in the 1588-Power and 1589-GA variance accounts are accurate while ensuring amounts requested for disposition pertain to the correct year. This follows the Board's guidance letter pertaining to the RPP Settlement true-up process and disposition of Accounts 1588 and 1589 issued May 23, 2017.

RHI has completed the Board's Account 1589 Global Adjustment Analysis Workform (Appendix 6), which shows minimal unresolved differences from expected results. RHI has also included the answers to Appendix A of the GA Workform in Appendix 6.

<u>Overall Process and Procedural Controls over the IESO Settlement Process</u>

Management is knowledgeable on the methodologies pursuant to the OEB and IESO requirements and are responsible for updating internal processes and procedures accordingly. Management is also responsible for the settlement spreadsheet and to meet changing OEB/IESO settlement requirements.

The process designed in RHI's settlement process includes various reconciliation procedures to ensure the appropriate methodologies pursuant to the OEB and IESO requirements are met, and to ensure the accuracy and validity of the RPP claims.

Status Update on Implementation of new Accounting Guidance related to Accounts 1588 and 1589 – Feb 21, 2019

On February 21, 2019, the OEB issued its letter entitled Accounting Guidance related to Accounts 1588 Power, and 1589 RSVA Global Adjustment as well as the related accounting guidance pertaining to the RPP Settlement true-up. The accounting guidance is effective January 1, 2019, and is to be implemented by August 31, 2019. Distributors are expected to consider the accounting guidance in the context of historical balances that have yet to be disposed on a final basis (including the 2018 balances that may be requested for disposition in this rate application). RHI management has reviewed the new accounting guidance, the new model (illustrative example), and attended the webex session on April 17, 2019. Management is making progress with the new model and processes and plans to have it fully implemented by August 31st. Management is confident the processes that were in place resulted in accurate balances in the 1588 Power and 1589 RSVA GA variance accounts but understands that an industry wide standardized process is required for assessment and review purposes. RHI management plans to use the new model to verify all 2016 to 2018 balances before the next IRM or making a request to dispose of the variances in the 1588 RSVA Power and 1589 RSVA Global Adjustment accounts.

12. Disposition of Lost Revenue Adjustment Mechanism Account (LRAMVA)

RHI is seeking to recover residual balances in its LRAMVA variance account in this proceeding. RHI was last approved for the clearance of LRAMVA balances in its 2017 Cost of Service (EB-2016-0166).

The LRAMVA is a retrospective adjustment designed to account for the differences between forecast revenue loss attributable to CDM activity embedded in rates and the actual revenue loss due to impacts of CDM programs. For CDM programs delivered within the 2011 to 2014 term and going forward within the 2015 to 2020 term, the Board established account 1568 as the LRAMVA to capture the variance between the Board-approved CDM forecast and the actual results at the customer rate class level.

The LRAM variance account (LRAMVA) captures at the customer rate-class level, the difference between the following:

a) The results of actual, verified impacts of authorized CDM activities undertaken by Renfrew Hydro; and
b) The OEB-approved LRAMVA threshold (reference: EB-2016-0166), provided in Table 7, below.

Table 7: LRAMVA Threshold approved in 2017 COS

Table 19- DVA LRAM/LRAMVA Rate Rider

kWh	2017 Load Forecast	Share	Per Class Threshold
Residential	30,363,324	33.9%	533,328
General Service < 50 kW	12,331,809	13.8%	216,607
General Service > 50 to 4999 kW	45,587,384	50.9%	800,737
Unmetered Scattered Load	157,058	0.2%	2759
Street Lighting	1,135,937	1.3%	19,953
Total	89,575,513	100.0%	1,573,384

Section 3.2.6 of the Filing requirements states that if an LRAMVA amount was approved, the persistence of the savings adjustment(s) can only be claimed on a go-forward basis. Distributors cannot seek recovery of LRAMVA amounts related to savings adjustments for a year in which the corresponding LRAMVA amount has already been approved by the OEB. RHI applied for and received approval to dispose of the 2011-2015 LRAM balance in the amount $65,154 in its 2017 Cost of Service Rate Application (EB-2016-0166). RHI confirms that it is not seeking recovery for persistence savings adjustments for the 2011 to 2015 period in the current application.

In accordance with the Board's Guidelines for Electricity Distributor CDM, at a minimum, distributors must apply for disposition of the balance in the LRAMVA at the time of their Cost of Service rate applications. Distributors may apply for the disposition of the balance in the

LRAMVA as part of their IRM rate applications if the balance is deemed significant by the applicant.

RHI is applying for disposition of the 2016, 2017, and 2018 LRAMVA balances in this 2020 IRM Rate Application in the amount of $17,981 ($16,986 Principal and $995 Interest). RHI deems the balance to be significant. RHI has used the LRAMVA Workform version 4 to calculate the LRAMVA balance. The schedules in this workform have been included as Appendix 8 attached, and have also been filed in Excel format.

RHI has relied on the most recent input assumptions available at the time of program evaluation, namely the 2017 Final Verified Annual LDC CDM Program Report 20180601.xls and Participation and Cost Report – Renfrew Hydro Inc. – 201901.xlsx when calculating lost revenue for 2016 to 2018. These excel files have been filed along with this exhibit.

RHI has calculated interest to Sept 2019 at the Board's actual prescribed rates and has calculated projected interest for September to December 2019 at the Q3 2019 prescribed rate.

Table 8 below summarizes the principal and interest amounts requested for disposition by rate class, as well as the resulting rate riders.

Table 8: LRAMVA Allocation and Rate Riders

Rate Class	Unit	Principal	Carrying Charges to 2018	Projected Carrying Charges	Total Carrying Charges	Total LRAMVA	Billing Units	Proposed Rate Rider
Residential	$/kWh	$20,213.49	$515.11	$499.27	$1,014.38	$21,227.87	29,861,489	$0.0007
General Service Less Than 50 kW Service	$/kWh	($2,521.98)	($46.60)	($30.42)	($77.02)	($2,599.00)	11,124,464	($0.0002)
General Service 50 To 4,999 kW Service	$/kW	($309.45)	$23.20	$50.50	$73.70	($235.75)	107,393	($0.0022)
Unmetered Scattered Loan Service	$/kWh	($13.80)	($0.25)	($0.31)	($0.56)	($14.36)	174,874	($0.0001)
Street Lighting Service	$/kW	($382.13)	($6.89)	($8.59)	($15.48)	($397.61)	3,039	($0.1308)
Total		**$16,986.13**	**$484.57**	**$510.45**	**$995.02**	**$17,981.15**		

RHI is requesting to dispose of the LRAMVA balance over a one-year period beginning January 1, 2020.

Forecasted CDM savings were approved in the 2017 Cost of Service and can be seen in Table 7 above. The LRAMVA calculations are based on the sum of electricity savings over the 2016 to 2018 years and are valued at the appropriate rate depending on the year of savings and the rate class to which they belonged. RHI has used Board approved volumetric distribution rates for May 1, 2015, to December 31, 2016; January 1, 2017, to December 31, 2017; and January 1, 2018, to December 31, 2018, and prorated rates for the appropriate calendar year where necessary.

A summary of the LRAMVA claim is provided in **Table 9: Summary of LRAMVA Claim.** below. The table reflects the actual CDM savings compared to those forecasted.

Table 9: Summary of LRAMVA Claim

Description	**Residential**	**GS<50 kW**	**GS>50-4999kW**	**USL**	**Street Lighting**	**Total**
2016 Actuals	$8,411.84	$325.87	$1,490.68	$0.00	$0.00	$10,228.39
2016 Forecast	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2017 Actuals	$13,106.14	$1,219.64	$5,352.41	$0.00	$0.00	$19,678.19
2017 Forecast	($6,133.27)	($3,314.09)	($6,230.76)	($8.00)	($220.98)	($15,907.10)
2018 Actuals	$8,988.74	$2,582.34	$5,617.08	$0.00	$0.00	$17,188.16
2018 Forecast	($4,159.96)	($3,335.75)	($6,538.86)	($5.79)	($161.15)	($14,201.51)
Carrying Charges	$1,014.38	($77.01)	$73.71	($0.56)	($15.48)	$995.04
Total LRAMVA Balance	**$21,228**	**($2,599)**	**($236)**	**($14)**	**($398)**	**$17,981**

The OEB's Report of the OEB: Update Policy for the Lost Revenues Adjustment Mechanism calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs ("the LRAMVA Report") states that Demand Response 3 savings should generally not be included in LRAM savings unless supported by empirical evidence to be reviewed in a cost of service application. RHI has not included any Demand Response savings in its calculations.

For CDM programs that are designed for a specific customer class, LRAMVA allocations for CDM savings were allocated directly to those customer classes. For example, the Heating and Cooling Initiative is designated as a Residential program, and CDM savings have been allocated 100% to the Residential class. For programs that are not specifically designated to one rate class, the CDM programs have been reviewed, and an estimate based on the number of customers of each program has been made.

13. Tax Change

The Board determined there would be a 50/50 sharing of the impact of currently known legislative tax changes. RHI has completed the shared tax savings worksheet to determine if amounts should be refunded to or recovered from customers as a result of tax changes implemented since the 2017 Cost of Service Application (EB-2016-0166). As indicated in the tax savings worksheets contained within the 2020 IRM Rate Generator model, the combined tax rate will decrease from 15.00% from 2017 to 12.50% for 2020. The change in the tax rate resulted in an incremental tax savings of ($4,053). The 50% sharing on this tax change would be ($2,027) and should be refunded to RHI customers. Since this allocated tax sharing amount was not large enough to produce a rate rider, RHI proposes to transfer the entire OEB-approved tax sharing amount into account 1595 for disposition at a later date.

14. ICM / Z-Factor

RHI is not applying for recovery of Incremental Capital or Z-Factor in this proceeding.

15. Current Tariff Sheets

RHI's current tariff sheets are provided in Appendix 1: Current Tariff Sheet.

16. Proposed Tariff Sheets

The proposed tariff sheets generated by the 2019 IRM Rate Generator are provided in Appendix 2: Proposed Tariff Sheet.

17. Bill Impacts

Table 10 below summarizes the proposed bill impacts as calculated at Sheet 20 of the model.

Table 10: Summary of Monthly Bill Impacts

Rate Class	Usage		Current Rates	2020 Proposed Rates Total Bill	$	%
	kWh	kW	Total Bill		Difference	Difference
Residential - RPP	750		110.60	112.70	2.10	1.89%
Residential - non-RPP	750		144.17	146.42	2.25	1.56%
Residential - RPP - 10th percentile	300		59.12	61.70	2.58	4.37%
Residential - non-RPP - 10th percentile	300		73.51	76.29	2.78	3.78%
GS<50 kW - RPP	2,000		283.99	288.17	4.18	1.47%
GS <50 kW - non-RPP	2,000		373.14	377.64	4.50	1.21%
GS 50 to 4,999 kW	68,729	166	10,973.07	11,118.98	145.91	1.33%
Unmetered Scattered Load	394		83.58	84.62	1.04	1.24%
Street Lighting	91,290	253	17,577.12	17,739.18	162.06	0.92%

Detailed bill impacts for each rate class are provided in Appendix 3.

In Table 10, RHI included bill impacts for its Residential customers that represent the 10th consumption percentile. To calculate this, RHI extracted the 2018 actual average monthly residential kWh usage from the customer database, filtering out customers that had less than 12 months of consumption and those that used less than 50 kWh per month. The data was sorted

to determine 10% of the total RHI residential customer count with the lowest average usage. The results indicated that 10% of RHI's residential customers use 300 kWh per month or less.

The total bill impact of the elements proposed in this application for all customers classes, including the RPP customers consuming at the 10th percentile is below 10%, and as a result, no rate mitigation plans are necessary for this application.

18. 2017 RRWF

The Revenue Requirement Workform from RHI's 2017 Cost of Service Application (EB-2016-0166) is presented in Appendix 4.

~Respectfully Submitted~

Certification of Evidence

As President of Renfrew Hydro Inc. (RHI) I certify that, to the best of my knowledge, the evidence filed in RHI's 2020 Incentive Rate-Setting Application is accurate, complete, and consistent with the requirements of the Chapter 3 Filing Requirements for Electricity Distribution Rate Applications as revised on July 12, 2018, with addendum dated July 15, 2019. I also confirm that internal controls and processes are in place for the preparation, review, verification, and oversight of any account balances that are being requested for disposal.

Respectfully submitted,

RENFREW HYDRO INC.

Lance Jefferies

President

Email: ljefferies@renfrewhydro.com

Telephone: 613-432-4884 ext. 224

Fax: 613-432-7463

Appendix 1: Current Tariff Sheet

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0064

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	22.76
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	0.17
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	1.42
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$	(1.55)
Distribution Volumetric Rate	$/kWh	0.0039
Low Voltage Service Rate	$/kWh	0.0022
Retail Transmission Rate - Network Service Rate	$/kWh	0.0053
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	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0064

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	31.86
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	0.30
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	3.10
Distribution Volumetric Rate	$/kWh	0.0156
Low Voltage Service Rate	$/kWh	0.0020
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kWh	(0.0024)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0048
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0033

MONTHLY RATES AND CHARGES - Regulatory Component

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0064

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	202.22
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	6.03
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	11.60
Distribution Volumetric Rate	$/kW	3.0595
Low Voltage Service Rate	$/kW	0.7587
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kW	(0.8725)
Retail Transmission Rate - Network Service Rate	$/kW	1.9591
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.2448

MONTHLY RATES AND CHARGES - Regulatory Component

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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EB-2018-0064

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 customer will provide detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	$	21.24
Distribution Volumetric Rate	$/kWh	0.0016
Low Voltage Service Rate	$/kWh	0.0020
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kWh	(0.0024)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0048
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0033

MONTHLY RATES AND CHARGES - Regulatory Component

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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EB-2018-0064

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	2.00
Distribution Volumetric Rate	$/kW	4.2149
Low Voltage Service Rate	$/kW	0.5865
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kW	(0.8532)
Retail Transmission Rate - Network Service Rate	$/kW	1.4775
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.9624

MONTHLY RATES AND CHARGES - Regulatory Component

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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EB-2018-0064

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	10.00

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

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EB-2018-0064

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.

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Customer Administration

Easement letter	$	15.00
Account history	$	15.00
Arrears certificate	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Returned cheque (plus bank charges)	$	15.00

Non-Payment of Account

Late payment - per month	%	1.50
Late payment charge - per annum	%	19.56
Collection of account charge - no disconnection	$	30.00
Disconnect/reconnect at meter - during regular hours	$	65.00

Other

Specific charge for access to the power poles - $/pole/year (with the exception of wireless attachments)	$	43.63

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

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EB-2018-0064

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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	100.00
Monthly fixed charge, per retailer	$	20.00
Monthly variable charge, per customer, per retailer	$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.25
Processing fee, per request, applied to the requesting party	$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge
More than twice a year, per request (plus incremental delivery costs)	$	2.00

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0810
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0702

Appendix 2: Proposed Tariff Sheet

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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

EB-2019-0065

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	25.53
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	0.17
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	1.42
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$	(1.55)
Low Voltage Service Rate	$/kWh	0.0022
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	$/kWh	0.0064
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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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EB-2019-0065

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.

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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. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	32.15
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	0.30
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	3.10
Distribution Volumetric Rate	$/kWh	0.0157
Low Voltage Service Rate	$/kWh	0.0020
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	$/kWh	(0.0002)
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kWh	(0.0024)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0058
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0041

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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

EB-2019-0065

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	204.04
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	6.03
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	11.60
Distribution Volumetric Rate	$/kW	3.0870
Low Voltage Service Rate	$/kW	0.7587
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	$/kW	(0.0022)
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kW	(0.8725)
Retail Transmission Rate - Network Service Rate	$/kW	2.3834
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.5621

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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EB-2019-0065

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 customer will provide detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load. 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	$	21.43
Distribution Volumetric Rate	$/kWh	0.0016
Low Voltage Service Rate	$/kWh	0.0020
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	$/kWh	(0.0001)
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kWh	(0.0024)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0058
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0041

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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EB-2019-0065

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)	$	2.02
Distribution Volumetric Rate	$/kW	4.2528
Low Voltage Service Rate	$/kW	0.5865
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	$/kW	(0.1308)
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kW	(0.8532)
Retail Transmission Rate - Network Service Rate	$/kW	1.7975
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.2077

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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EB-2019-0065

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	10.00

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

Easement letter	$	15.00
Account history	$	15.00
Arrears certificate	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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		EB-2019-0065
Returned cheque (plus bank charges)	$	15.00

Non-Payment of Account

Late payment - per month	%	1.50
Late payment charge - per annum	%	19.56
Collection of account charge - no disconnection	$	30.00
Disconnect/reconnect at meter - during regular hours	$	65.00

Other

Specific charge for access to the power poles - $/pole/year (with the exception of wireless attachments)	$	44.15

RETAIL SERVICE CHARGES (if applicable)

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	101.20
Monthly fixed charge, per retailer	$	40.48
Monthly variable charge, per customer, per retailer	$/cust.	1.01
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	$	1.01
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)	$	4.05

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	1.081
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0702

Appendix 3: Bill Impacts

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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 2018 of $0.1117/kWh (IESO's Monthly Market Report for May 2018, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	**Units**	**RPP? Non-RPP Retailer? Non-RPP Other?**	**Current Loss Factor** (eg: 1.0351)	**Proposed Loss Factor**	**Consumption (kWh)**	**Demand kW (if applicable)**	**RTSR Demand or Demand-Interval?**	**Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).**
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	RPP	1.081	1.081	750			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	**kWh**	RPP	1.081	1.081	2,000			
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.081	1.081	68,729	166	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	**kWh**	Non-RPP (Other)	1.081	1.081	394			1
STREET LIGHTING SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.081	1.081	91,290	253	DEMAND	1,195
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	Non-RPP (Retailer)	1.081	1.081	750			
RESIDENTIAL SERVICE CLASSIFICATION 10th Percentile	**kWh**	RPP	1.081	1.081	300			
RESIDENTIAL SERVICE CLASSIFICATION 10th Percentile	**kWh**	Non-RPP (Retailer)	1.081	1.081	300			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	**kWh**	Non-RPP (Retailer)	1.081	1.081	2,000			
Add additional scenarios if required			1.081	1.081				
Add additional scenarios if required			1.081	1.081				
Add additional scenarios if required			1.081	1.081				
Add additional scenarios if required			1.081	1.081				
Add additional scenarios if required			1.081	1.081				
Add additional scenarios if required			1.081	1.081				
Add additional scenarios if required			1.081	1.081				
Add additional scenarios if required			1.081	1.081				
Add additional scenarios if required			1.081	1.081				
Add additional scenarios if required			1.081	1.081				
Add additional scenarios if required			1.081	1.081				

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 0.37	1.4%	$ 0.37	1.1%	$ 1.99	5.0%	$ 2.09	1.9%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$ 0.09	0.1%	$ 0.09	0.1%	$ 3.98	4.1%	$ 4.18	1.5%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 6.02	1.0%	$ 6.02	0.8%	$ 129.13	10.4%	$ 145.91	1.3%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	$ 0.15	0.7%	$ 0.15	0.6%	$ 0.92	3.2%	$ 1.04	1.2%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 0.40	0.0%	$ 0.40	0.0%	$ 143.42	3.6%	$ 162.06	0.9%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	$ 0.37	1.4%	$ 0.37	1.1%	$ 1.99	4.8%	$ 2.25	1.6%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 1.81	7.6%	$ 1.81	6.7%	$ 2.46	8.2%	$ 2.58	4.4%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	$ 1.81	7.6%	$ 1.81	6.5%	$ 2.46	8.0%	$ 2.78	3.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	$ 0.09	0.1%	$ 0.09	0.1%	$ 3.98	3.9%	$ 4.50	1.2%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 22.76	1	$ 22.76	$ 25.53	1	$ 25.53	$ 2.77	12.17%
Distribution Volumetric Rate	$ 0.0039	750	$ 2.93	$ -	750	$ -	$ (2.93)	-100.00%
Fixed Rate Riders	$ 0.04	1	$ 0.04	$ 0.04	1	$ 0.04	$ -	0.00%
Volumetric Rate Riders	$ -	750	$ -	$ 0.0007	750	$ 0.53	$ 0.53	
Sub-Total A (excluding pass through)			**$ 25.73**			**$ 26.10**	**$ 0.37**	**1.44%**
Line Losses on Cost of Power	$ 0.0824	61	$ 5.00	$ 0.0824	61	$ 5.00	$ -	0.00%
Total Deferral/Variance Account Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -	
CBR Class B Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -	
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -	
Low Voltage Service Charge	$ 0.0022	750	$ 1.65	$ 0.0022	750	$ 1.65	$ -	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)			**$ 32.95**			**$ 33.32**	**$ 0.37**	**1.12%**
RTSR - Network	$ 0.0053	811	$ 4.30	$ 0.0064	811	$ 5.19	$ 0.89	20.75% *In the manager's summary, discuss the reaso*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0036	811	$ 2.92	$ 0.0045	811	$ 3.65	$ 0.73	25.00% *In the manager's summary, discuss the reaso*
Sub-Total C - Delivery (including Sub-Total B)			**$ 40.16**			**$ 42.15**	**$ 1.99**	**4.96%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	811	$ 2.76	$ 0.0034	811	$ 2.76	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	811	$ 0.41	$ 0.0005	811	$ 0.41	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
TOU - Off Peak	$ 0.0650	488	$ 31.69	$ 0.0650	488	$ 31.69	$ -	0.00%
TOU - Mid Peak	$ 0.0940	128	$ 11.99	$ 0.0940	128	$ 11.99	$ -	0.00%
TOU - On Peak	$ 0.1340	135	$ 18.09	$ 0.1340	135	$ 18.09	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 105.34**			**$ 107.33**	**$ 1.99**	**1.89%**
HST	13%		$ 13.69	13%		$ 13.95	$ 0.26	1.89%
8% Rebate	8%		$ (8.43)	8%		$ (8.59)	$ (0.16)	
Total Bill on TOU			**$ 110.60**			**$ 112.70**	**$ 2.09**	**1.89%**

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 31.86	1	$ 31.86	$ 32.15	1	$ 32.15	$ 0.29	0.91%
Distribution Volumetric Rate	$ 0.0156	2000	$ 31.20	$ 0.0157	2000	$ 31.40	$ 0.20	0.64%
Fixed Rate Riders	$ 3.40	1	$ 3.40	$ 3.40	1	$ 3.40	$ -	0.00%
Volumetric Rate Riders	-$ 0.0024	2000	$ (4.80)	-$ 0.0026	2000	$ (5.20)	$ (0.40)	8.33%
Sub-Total A (excluding pass through)			**$ 61.66**			**$ 61.75**	**$ 0.09**	**0.15%**
Line Losses on Cost of Power	$ 0.0824	162	$ 13.34	$ 0.0824	162	$ 13.34	$ -	0.00%
Total Deferral/Variance Account Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -	
CBR Class B Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -	
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -	
Low Voltage Service Charge	$ 0.0020	2,000	$ 4.00	$ 0.0020	2,000	$ 4.00	$ -	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)			**$ 79.57**			**$ 79.66**	**$ 0.09**	**0.11%**
RTSR - Network	$ 0.0048	2,162	$ 10.38	$ 0.0058	2,162	$ 12.54	$ 2.16	20.83% *In the manager's summary, discuss the reaso*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0033	2,162	$ 7.13	$ 0.0041	2,162	$ 8.86	$ 1.73	24.24% *In the manager's summary, discuss the reaso*
Sub-Total C - Delivery (including Sub-Total B)			**$ 97.08**			**$ 101.06**	**$ 3.98**	**4.10%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,162	$ 7.35	$ 0.0034	2,162	$ 7.35	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,162	$ 1.08	$ 0.0005	2,162	$ 1.08	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
TOU - Off Peak	$ 0.0650	1,300	$ 84.50	$ 0.0650	1,300	$ 84.50	$ -	0.00%
TOU - Mid Peak	$ 0.0940	340	$ 31.96	$ 0.0940	340	$ 31.96	$ -	0.00%
TOU - On Peak	$ 0.1340	360	$ 48.24	$ 0.1340	360	$ 48.24	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 270.46**			**$ 274.45**	**$ 3.98**	**1.47%**
HST	13%		$ 35.16	13%		$ 35.68	$ 0.52	1.47%
8% Rebate	8%		$ (21.64)	8%		$ (21.96)	$ (0.32)	
Total Bill on TOU			**$ 283.99**			**$ 288.17**	**$ 4.18**	**1.47%**

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	68,729	kWh
Demand	166	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 202.22	1	$ 202.22	$ 204.04	1	$ 204.04	$ 1.82	0.90%
Distribution Volumetric Rate	$ 3.0595	166	$ 507.88	$ 3.0870	166	$ 512.44	$ 4.57	0.90%
Fixed Rate Riders	$ 17.63	1	$ 17.63	$ 17.63	1	$ 17.63	$ -	0.00%
Volumetric Rate Riders	-$ 0.8725	166	$ (144.84)	-$ 0.8747	166	$ (145.20)	$ (0.37)	0.25%
Sub-Total A (excluding pass through)			**$ 582.89**			**$ 588.91**	**$ 6.02**	**1.03%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ -	166	$ -	$ -	166	$ -	$ -	
CBR Class B Rate Riders	$ -	166	$ -	$ -	166	$ -	$ -	
GA Rate Riders	$ -	68,729	$ -	$ -	68,729	$ -	$ -	
Low Voltage Service Charge	$ 0.7587	166	$ 125.94	$ 0.7587	166	$ 125.94	$ -	0.00%
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders		166	$ -	$ -	166	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 708.84**			**$ 714.86**	**$ 6.02**	**0.85%**
RTSR - Network	$ 1.9591	166	$ 325.21	$ 2.3834	166	$ 395.64	$ 70.43	21.66% *In the manager's summary, discuss the reaso*
RTSR - Connection and/or Line and Transformation Connection	$ 1.2448	166	$ 206.64	$ 1.5621	166	$ 259.31	$ 52.67	25.49% *In the manager's summary, discuss the reaso*
Sub-Total C - Delivery (including Sub-Total B)			**$ 1,240.68**			**$ 1,369.81**	**$ 129.13**	**10.41%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	74,296	$ 252.61	$ 0.0034	74,296	$ 252.61	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	74,296	$ 37.15	$ 0.0005	74,296	$ 37.15	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.1101	74,296	$ 8,179.99	$ 0.1101	74,296	$ 8,179.99	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			**$ 9,710.68**			**$ 9,839.81**	**$ 129.13**	**1.33%**
HST	13%		$ 1,262.39	13%		$ 1,279.18	$ 16.79	1.33%
Total Bill on Average IESO Wholesale Market Price			**$ 10,973.07**			**$ 11,118.98**	**$ 145.91**	**1.33%**

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	394	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 21.24	1	$ 21.24	$ 21.43	1	$ 21.43	$ 0.19	0.89%	
Distribution Volumetric Rate	$ 0.0016	394	$ 0.63	$ 0.0016	394	$ 0.63	$ -	0.00%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	-$ 0.0024	394	$ (0.95)	-$ 0.0025	394	$ (0.99)	$ (0.04)	4.17%	
Sub-Total A (excluding pass through)			**$ 20.92**			**$ 21.08**	**$ 0.15**	**0.72%**	
Line Losses on Cost of Power	$ 0.1101	32	$ 3.51	$ 0.1101	32	$ 3.51	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	394	$ -	$ -	394	$ -	$ -		
CBR Class B Rate Riders	$ -	394	$ -	$ -	394	$ -	$ -		
GA Rate Riders	$ -	394	$ -	$ -	394	$ -	$ -		
Low Voltage Service Charge	$ 0.0020	394	$ 0.79	$ 0.0020	394	$ 0.79	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		394	$ -	$ -	394	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 25.23**			**$ 25.38**	**$ 0.15**	**0.60%**	
RTSR - Network	$ 0.0048	426	$ 2.04	$ 0.0058	426	$ 2.47	$ 0.43	20.83%	*In the manager's summary, discuss the reaso*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0033	426	$ 1.41	$ 0.0041	426	$ 1.75	$ 0.34	24.24%	*In the manager's summary, discuss the reaso*
Sub-Total C - Delivery (including Sub-Total B)			**$ 28.68**			**$ 29.59**	**$ 0.92**	**3.20%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	426	$ 1.45	$ 0.0034	426	$ 1.45	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	426	$ 0.21	$ 0.0005	426	$ 0.21	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	394	$ 43.38	$ 0.1101	394	$ 43.38	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 73.97**			**$ 74.88**	**$ 0.92**	**1.24%**	
HST	13%		$ 9.62	13%		$ 9.73	$ 0.12	1.24%	
Total Bill on Average IESO Wholesale Market Price			**$ 83.58**			**$ 84.62**	**$ 1.04**	**1.24%**	

Customer Class:	**STREET LIGHTING SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**91,290**	**kWh**
Demand	**253**	**kW**
Current Loss Factor	**1.0810**	
Proposed/Approved Loss Factor	**1.0810**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 2.00	1195	$ 2,390.00	$ 2.02	1195	$ 2,413.90	$ 23.90	1.00%	
Distribution Volumetric Rate	$ 4.2149	253	$ 1,066.37	$ 4.2528	253	$ 1,075.96	$ 9.59	0.90%	
Fixed Rate Riders	$ -	1195	$ -	$ -	1195	$ -	$ -		
Volumetric Rate Riders	-$ 0.8532	253	$ (215.86)	-$ 0.9840	253	$ (248.95)	$ (33.09)	15.33%	
Sub-Total A (excluding pass through)			**$ 3,240.51**			**$ 3,240.91**	**$ 0.40**	**0.01%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	253	$ -	$ -	253	$ -	$ -		
CBR Class B Rate Riders	$ -	253	$ -	$ -	253	$ -	$ -		
GA Rate Riders	$ -	91,290	$ -	$ -	91,290	$ -	$ -		
Low Voltage Service Charge	$ 0.5865	253	$ 148.38	$ 0.5865	253	$ 148.38	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		253	$ -	$ -	253	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 3,388.89**			**$ 3,389.29**	**$ 0.40**	**0.01%**	
RTSR - Network	$ 1.4775	253	$ 373.81	$ 1.7975	253	$ 454.77	$ 80.96	21.66%	*In the manager's summary, discuss the reaso*
RTSR - Connection and/or Line and Transformation Connection	$ 0.9624	253	$ 243.49	$ 1.2077	253	$ 305.55	$ 62.06	25.49%	*In the manager's summary, discuss the reaso*
Sub-Total C - Delivery (including Sub-Total B)			**$ 4,006.19**			**$ 4,149.61**	**$ 143.42**	**3.58%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	98,684	$ 335.53	$ 0.0034	98,684	$ 335.53	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	98,684	$ 49.34	$ 0.0005	98,684	$ 49.34	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1195	$ 298.75	$ 0.25	1195	$ 298.75	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	98,684	$ 10,865.16	$ 0.1101	98,684	$ 10,865.16	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 15,554.97**			**$ 15,698.39**	**$ 143.42**	**0.92%**	
HST	13%		$ 2,022.15	13%		$ 2,040.79	$ 18.64	0.92%	
Total Bill on Average IESO Wholesale Market Price			**$ 17,577.12**			**$ 17,739.18**	**$ 162.06**	**0.92%**	

Customer Class:	**RESIDENTIAL SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Retailer)**	
Consumption	**750**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0810**	
Proposed/Approved Loss Factor	**1.0810**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 22.76	1	$ 22.76	$ 25.53	1	$ 25.53	$ 2.77	12.17%	
Distribution Volumetric Rate	$ 0.0039	750	$ 2.93	$ -	750	$ -	$ (2.93)	-100.00%	
Fixed Rate Riders	$ 0.04	1	$ 0.04	$ 0.04	1	$ 0.04	$ -	0.00%	
Volumetric Rate Riders	$ -	750	$ -	$ 0.0007	750	$ 0.53	$ 0.53		
Sub-Total A (excluding pass through)			**$ 25.73**			**$ 26.10**	**$ 0.37**	**1.44%**	
Line Losses on Cost of Power	$ 0.1101	61	$ 6.69	$ 0.1101	61	$ 6.69	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
CBR Class B Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0022	750	$ 1.65	$ 0.0022	750	$ 1.65	$ -	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)			**$ 34.63**			**$ 35.00**	**$ 0.37**	**1.07%**	
RTSR - Network	$ 0.0053	811	$ 4.30	$ 0.0064	811	$ 5.19	$ 0.89	20.75%	*In the manager's summary, discuss the reaso*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0036	811	$ 2.92	$ 0.0045	811	$ 3.65	$ 0.73	25.00%	*In the manager's summary, discuss the reaso*
Sub-Total C - Delivery (including Sub-Total B)			**$ 41.85**			**$ 43.84**	**$ 1.99**	**4.76%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	811	$ 2.76	$ 0.0034	811	$ 2.76	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	811	$ 0.41	$ 0.0005	811	$ 0.41	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	750	$ 82.58	$ 0.1101	750	$ 82.58	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 127.59**			**$ 129.58**	**$ 1.99**	**1.56%**	
HST	13%		$ 16.59	13%		$ 16.85	$ 0.26	1.56%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 144.17**			**$ 146.42**	**$ 2.25**	**1.56%**	

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	300	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 22.76	1	$ 22.76	$ 25.53	1	$ 25.53	$ 2.77	12.17%
Distribution Volumetric Rate	$ 0.0039	300	$ 1.17	$ -	300	$ -	$ (1.17)	-100.00%
Fixed Rate Riders	$ 0.04	1	$ 0.04	$ 0.04	1	$ 0.04	$ -	0.00%
Volumetric Rate Riders	$ -	300	$ -	$ 0.0007	300	$ 0.21	$ 0.21	
Sub-Total A (excluding pass through)			**$ 23.97**			**$ 25.78**	**$ 1.81**	**7.55%**
Line Losses on Cost of Power	$ 0.0824	24	$ 2.00	$ 0.0824	24	$ 2.00	$ -	0.00%
Total Deferral/Variance Account Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -	
CBR Class B Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -	
GA Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -	
Low Voltage Service Charge	$ 0.0022	300	$ 0.66	$ 0.0022	300	$ 0.66	$ -	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		300	$ -	$ -	300	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 27.20**			**$ 29.01**	**$ 1.81**	**6.65%**
RTSR - Network	$ 0.0053	324	$ 1.72	$ 0.0064	324	$ 2.08	$ 0.36	20.75% *In the manager's summary, discuss the reaso*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0036	324	$ 1.17	$ 0.0045	324	$ 1.46	$ 0.29	25.00% *In the manager's summary, discuss the reaso*
Sub-Total C - Delivery (including Sub-Total B)			**$ 30.09**			**$ 32.55**	**$ 2.46**	**8.17%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	324	$ 1.10	$ 0.0034	324	$ 1.10	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	324	$ 0.16	$ 0.0005	324	$ 0.16	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
TOU - Off Peak	$ 0.0650	195	$ 12.68	$ 0.0650	195	$ 12.68	$ -	0.00%
TOU - Mid Peak	$ 0.0940	51	$ 4.79	$ 0.0940	51	$ 4.79	$ -	0.00%
TOU - On Peak	$ 0.1340	54	$ 7.24	$ 0.1340	54	$ 7.24	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 56.31**			**$ 58.77**	**$ 2.46**	**4.37%**
HST	13%		$ 7.32	13%		$ 7.64	$ 0.32	4.37%
8% Rebate	8%		$ (4.50)	8%		$ (4.70)	$ (0.20)	
Total Bill on TOU			**$ 59.12**			**$ 61.70**	**$ 2.58**	**4.37%**

Customer Class:	**RESIDENTIAL SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Retailer)**	
Consumption	**300**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0810**	
Proposed/Approved Loss Factor	**1.0810**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 22.76	1	$ 22.76	$ 25.53	1	$ 25.53	$ 2.77	12.17%	
Distribution Volumetric Rate	$ 0.0039	300	$ 1.17	$ -	300	$ -	$ (1.17)	-100.00%	
Fixed Rate Riders	$ 0.04	1	$ 0.04	$ 0.04	1	$ 0.04	$ -	0.00%	
Volumetric Rate Riders	$ -	300	$ -	$ 0.0007	300	$ 0.21	$ 0.21		
Sub-Total A (excluding pass through)			**$ 23.97**			**$ 25.78**	**$ 1.81**	**7.55%**	
Line Losses on Cost of Power	$ 0.1101	24	$ 2.68	$ 0.1101	24	$ 2.68	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -		
CBR Class B Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -		
GA Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -		
Low Voltage Service Charge	$ 0.0022	300	$ 0.66	$ 0.0022	300	$ 0.66	$ -	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		300	$ -	$ -	300	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 27.88**			**$ 29.69**	**$ 1.81**	**6.49%**	
RTSR - Network	$ 0.0053	324	$ 1.72	$ 0.0064	324	$ 2.08	$ 0.36	20.75%	*In the manager's summary, discuss the reaso*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0036	324	$ 1.17	$ 0.0045	324	$ 1.46	$ 0.29	25.00%	*In the manager's summary, discuss the reaso*
Sub-Total C - Delivery (including Sub-Total B)			**$ 30.76**			**$ 33.22**	**$ 2.46**	**7.99%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	324	$ 1.10	$ 0.0034	324	$ 1.10	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	324	$ 0.16	$ 0.0005	324	$ 0.16	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	300	$ 33.03	$ 0.1101	300	$ 33.03	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 65.06**			**$ 67.52**	**$ 2.46**	**3.78%**	
HST	13%		$ 8.46	13%		$ 8.78	$ 0.32	3.78%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 73.51**			**$ 76.29**	**$ 2.78**	**3.78%**	

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	**1.0810**	
Proposed/Approved Loss Factor	**1.0810**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 31.86	1	$ 31.86	$ 32.15	1	$ 32.15	$ 0.29	0.91%	
Distribution Volumetric Rate	$ 0.0156	2000	$ 31.20	$ 0.0157	2000	$ 31.40	$ 0.20	0.64%	
Fixed Rate Riders	$ 3.40	1	$ 3.40	$ 3.40	1	$ 3.40	$ -	0.00%	
Volumetric Rate Riders	-$ 0.0024	2000	$ (4.80)	-$ 0.0026	2000	$ (5.20)	$ (0.40)	8.33%	
Sub-Total A (excluding pass through)			**$ 61.66**			**$ 61.75**	**$ 0.09**	**0.15%**	
Line Losses on Cost of Power	$ 0.1101	162	$ 17.84	$ 0.1101	162	$ 17.84	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
CBR Class B Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0020	2,000	$ 4.00	$ 0.0020	2,000	$ 4.00	$ -	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)			**$ 84.07**			**$ 84.16**	**$ 0.09**	**0.11%**	
RTSR - Network	$ 0.0048	2,162	$ 10.38	$ 0.0058	2,162	$ 12.54	$ 2.16	20.83%	*In the manager's summary, discuss the reaso*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0033	2,162	$ 7.13	$ 0.0041	2,162	$ 8.86	$ 1.73	24.24%	*In the manager's summary, discuss the reaso*
Sub-Total C - Delivery (including Sub-Total B)			**$ 101.58**			**$ 105.56**	**$ 3.98**	**3.92%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,162	$ 7.35	$ 0.0034	2,162	$ 7.35	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,162	$ 1.08	$ 0.0005	2,162	$ 1.08	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	2,000	$ 220.20	$ 0.1101	2,000	$ 220.20	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 330.21**			**$ 334.19**	**$ 3.98**	**1.21%**	
HST	13%		$ 42.93	13%		$ 43.44	$ 0.52	1.21%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 373.14**			**$ 377.64**	**$ 4.50**	**1.21%**	

Customer Class:	Add additional scenarios if required	
RPP / Non-RPP:		
Consumption		kWh
Demand		kW
Current Loss Factor		
Proposed/Approved Loss Factor		

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge		1	$ -		1	$ -	$ -	
Distribution Volumetric Rate		0	$ -		0	$ -	$ -	
Fixed Rate Riders		1	$ -		1	$ -	$ -	
Volumetric Rate Riders		0	$ -		0	$ -	$ -	
Sub-Total A (excluding pass through)			**$ -**			**$ -**	**$ -**	
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders		-	$ -		-	$ -	$ -	
CBR Class B Rate Riders		-	$ -		-	$ -	$ -	
GA Rate Riders		-	$ -		-	$ -	$ -	
Low Voltage Service Charge		-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders		1	$ -		1	$ -	$ -	
Additional Volumetric Rate Riders		-	$ -		-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ -**			**$ -**	**$ -**	
RTSR - Network		-	$ -		-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection		-	$ -		-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ -**			**$ -**	**$ -**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
TOU - Off Peak	$ 0.0650	-	$ -	$ 0.0650	-	$ -	$ -	
TOU - Mid Peak	$ 0.0940	-	$ -	$ 0.0940	-	$ -	$ -	
TOU - On Peak	$ 0.1340	-	$ -	$ 0.1340	-	$ -	$ -	
Non-RPP Retailer Avg. Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Average IESO Wholesale Market Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Bill on TOU (before Taxes)			**$ 0.25**			**$ 0.25**	**$ -**	**0.00%**
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%		$ (0.02)	8%		$ (0.02)	$ -	
Total Bill on TOU			**$ 0.26**			**$ 0.26**	**$ -**	**0.00%**
Total Bill on Non-RPP Avg. Price			**$ 0.25**			**$ 0.25**	**$ -**	**0.00%**
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			**$ 0.28**			**$ 0.28**	**$ -**	**0.00%**
Total Bill on Average IESO Wholesale Market Price			**$ 0.25**			**$ 0.25**	**$ -**	**0.00%**
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%			8%				
Total Bill on Average IESO Wholesale Market Price			**$ 0.28**			**$ 0.28**	**$ -**	**0.00%**

Appendix 4 - 2017 RRWF

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

1. Info

2. Table of Contents

3. Data_Input_Sheet

4. Rate_Base

5. Utility Income

6. Taxes_PILs

7. Cost_of_Capital

8. Rev_Def_Suff

9. Rev_Reqt

10. Tracking Sheet

Notes:

(1)	Pale green cells represent inputs
(2)	Pale green boxes at the bottom of each page are for additional notes
(3)	Pale yellow cells represent drop-down lists
(4)	***Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.***
(5)	***Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel***

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Data Input [1]

		Initial Application	(2)			(6)			Per Board Decision	
1	**Rate Base**									
	Gross Fixed Assets (average)	$15,495,709			$ 15,495,709				$15,495,709	
	Accumulated Depreciation (average)	($9,556,595)	(5)		($9,556,595)				($9,556,595)	
	Allowance for Working Capital:									
	Controllable Expenses	$1,549,280			$ 1,549,280				$1,549,280	
	Cost of Power	$11,715,807			$ 11,715,807				$11,715,807	
	Working Capital Rate (%)	7.50%	(9)		7.50%	(9)			7.50%	(9)
2	**Utility Income**									
	Operating Revenues:									
	Distribution Revenue at Current Rates	$1,858,210								
	Distribution Revenue at Proposed Rates	$2,148,518								
	Other Revenue:									
	Specific Service Charges	$18,500								
	Late Payment Charges	$20,000								
	Other Distribution Revenue	$56,350								
	Other Income and Deductions	$12,700								
	Total Revenue Offsets	$107,550	(7)							
	Operating Expenses:									
	OM+A Expenses	$1,549,280			$ 1,549,280				$1,549,280	
	Depreciation/Amortization	$247,981			$ 247,981				$247,981	
	Property taxes									
	Other expenses									
3	**Taxes/PILs**									
	Taxable Income:									
	Adjustments required to arrive at taxable income	($124,293)	(3)							
	Utility Income Taxes and Rates:									
	Income taxes (not grossed up)	$19,590								
	Income taxes (grossed up)	$23,047								
	Federal tax (%)	10.50%								
	Provincial tax (%)	4.50%								
	Income Tax Credits									
4	**Capitalization/Cost of Capital**									
	Capital Structure:									
	Long-term debt Capitalization Ratio (%)	56.0%								
	Short-term debt Capitalization Ratio (%)	4.0%	(8)			(8)				(8)
	Common Equity Capitalization Ratio (%)	40.0%								
	Prefered Shares Capitalization Ratio (%)									
		100.0%								
	Cost of Capital									
	Long-term debt Cost Rate (%)	4.54%								
	Short-term debt Cost Rate (%)	1.65%								
	Common Equity Cost Rate (%)	9.19%								
	Prefered Shares Cost Rate (%)									

Notes:

General Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.

(1) All inputs are in dollars ($) except where inputs are individually identified as percentages (%)

(2) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use colimn M and Adjustments in column I

(3) Net of addbacks and deductions to arrive at taxable income.

(4) Average of Gross Fixed Assets at beginning and end of the Test Year

(5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.

(6) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.

(7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement

(8) 4.0% unless an Applicant has proposed or been approved for another amount.

(9) The default Working Capital Allowance factor is 7.5% (of Cost of Power plus controllable expenses), per the letter issued by the Board on June 3, 2015. Alternatively, WCA factor based on lead-lag study or approved WCA factor for another distributor, with supporting rationale.

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Rate Base and Working Capital

Rate Base

Line No.	Particulars		Initial Application				Per Board Decision
1	Gross Fixed Assets (average)	(3)	$15,495,709	$ -	$15,495,709	$ -	$15,495,709
2	Accumulated Depreciation (average)	(3)	($9,556,595)	$ -	($9,556,595)	$ -	($9,556,595)
3	Net Fixed Assets (average)	(3)	$5,939,114	$ -	$5,939,114	$ -	$5,939,114
4	Allowance for Working Capital	(1)	$994,882	$ -	$994,882	$ -	$994,882
5	**Total Rate Base**		$6,933,995	$ -	$6,933,995	$ -	$6,933,995

(1) Allowance for Working Capital - Derivation

6	Controllable Expenses		$1,549,280	$ -	$1,549,280	$ -	$1,549,280
7	Cost of Power		$11,715,807	$ -	$11,715,807	$ -	$11,715,807
8	Working Capital Base		$13,265,087	$ -	$13,265,087	$ -	$13,265,087
9	Working Capital Rate %	(2)	7.50%	0.00%	7.50%	0.00%	7.50%
10	Working Capital Allowance		$994,882	$ -	$994,882	$ -	$994,882

Notes

(2) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2016 cost of service applications is 7.5%, per the letter issued by the Board on June 3, 2015. Alternatively, a utility could conduct and file its own lead-lag study.

(3) Average of opening and closing balances for the year.

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Utility Income

Line No.	Particulars		Initial Application				Per Board Decision
	Operating Revenues:						
1	Distribution Revenue (at Proposed Rates)		$2,148,518	($2,148,518)	$ -	$ -	$ -
2	Other Revenue	(1)	$107,550	($107,550)	$ -	$ -	$ -
3	Total Operating Revenues		$2,256,068	($2,256,068)	$ -	$ -	$ -
	Operating Expenses:						
4	OM+A Expenses		$1,549,280	$ -	$1,549,280	$ -	$1,549,280
5	Depreciation/Amortization		$247,981	$ -	$247,981	$ -	$247,981
6	Property taxes		$ -	$ -		$ -	
7	Capital taxes		$ -	$ -	$ -	$ -	$ -
8	Other expense		$ -	$ -		$ -	
9	Subtotal (lines 4 to 8)		$1,797,261	$ -	$1,797,261	$ -	$1,797,261
10	Deemed Interest Expense		$180,866	($180,866)	$ -	$ -	$ -
11	Total Expenses (lines 9 to 10)		$1,978,127	($180,866)	$1,797,261	$ -	$1,797,261
12	**Utility income before income taxes**		$277,941	($2,075,202)	($1,797,261)	$ -	($1,797,261)
13	Income taxes (grossed-up)		$23,047	$ -	$23,047	$ -	$23,047
14	**Utility net income**		$254,894	($2,075,202)	($1,820,308)	$ -	($1,820,308)

Notes

Other Revenues / Revenue Offsets

Notes						
(1)	Specific Service Charges	$18,500		$ -		$ -
	Late Payment Charges	$20,000		$ -		$ -
	Other Distribution Revenue	$56,350		$ -		$ -
	Other Income and Deductions	$12,700		$ -		$ -
	Total Revenue Offsets	$107,550	$ -	$ -	$ -	$ -

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Taxes/PILs

Line No.	Particulars	Application		Per Board Decision
	Determination of Taxable Income			
1	Utility net income before taxes	$254,894	$ -	$ -
2	Adjustments required to arrive at taxable utility income	($124,293)	$ -	($124,293)
3	Taxable income	$130,600	$ -	($124,293)
	Calculation of Utility income Taxes			
4	Income taxes	$19,590	$19,590	$19,590
6	Total taxes	$19,590	$19,590	$19,590
7	Gross-up of Income Taxes	$3,457	$3,457	$3,457
8	Grossed-up Income Taxes	$23,047	$23,047	$23,047
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	$23,047	$23,047	$23,047
10	Other tax Credits	$ -	$ -	$ -
	Tax Rates			
11	Federal tax (%)	10.50%	10.50%	10.50%
12	Provincial tax (%)	4.50%	4.50%	4.50%
13	Total tax rate (%)	15.00%	15.00%	15.00%

Notes

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		Initial Application			
		(%)	($)	(%)	($)
	Debt				
1	Long-term Debt	56.00%	$3,883,037	4.54%	$176,290
2	Short-term Debt	4.00%	$277,360	1.65%	$4,576
3	**Total Debt**	60.00%	$4,160,397	4.35%	$180,866
	Equity				
4	Common Equity	40.00%	$2,773,598	9.19%	$254,894
5	Preferred Shares	0.00%	$ -	0.00%	$ -
6	**Total Equity**	40.00%	$2,773,598	9.19%	$254,894
7	**Total**	100.00%	$6,933,995	6.28%	$435,760
		(%)	($)	(%)	($)
	Debt				
1	Long-term Debt	0.00%	$ -	0.00%	$ -
2	Short-term Debt	0.00%	$ -	0.00%	$ -
3	**Total Debt**	0.00%	$ -	0.00%	$ -
	Equity				
4	Common Equity	0.00%	$ -	0.00%	$ -
5	Preferred Shares	0.00%	$ -	0.00%	$ -
6	**Total Equity**	0.00%	$ -	0.00%	$ -
7	**Total**	0.00%	$6,933,995	0.00%	$ -
		Per Board Decision			
		(%)	($)	(%)	($)
	Debt				
8	Long-term Debt	0.00%	$ -	4.54%	$ -
9	Short-term Debt	0.00%	$ -	1.65%	$ -
10	**Total Debt**	0.00%	$ -	0.00%	$ -
	Equity				
11	Common Equity	0.00%	$ -	9.19%	$ -
12	Preferred Shares	0.00%	$ -	0.00%	$ -
13	**Total Equity**	0.00%	$ -	0.00%	$ -
14	**Total**	0.00%	$6,933,995	0.00%	$ -

Notes

(1) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use colimn M and Adjustments in column I

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application				Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		$290,308		($82,883)		$1,797,261
2	Distribution Revenue	$1,858,210	$1,858,210	$1,858,210	$2,231,401	$ -	($1,797,261)
3	Other Operating Revenue Offsets - net	$107,550	$107,550	$ -	$ -	$ -	$ -
4	**Total Revenue**	$1,965,760	$2,256,068	$1,858,210	$2,148,518	$ -	$ -
5	Operating Expenses	$1,797,261	$1,797,261	$1,797,261	$1,797,261	$1,797,261	$1,797,261
6	Deemed Interest Expense	$180,866	$180,866	$ -	$ -	$ -	$ -
8	**Total Cost and Expenses**	$1,978,127	$1,978,127	$1,797,261	$1,797,261	$1,797,261	$1,797,261
9	**Utility Income Before Income Taxes**	($12,367)	$277,941	$60,949	$351,257	($1,797,261)	($1,797,261)
10	Tax Adjustments to Accounting Income per 2013 PILs model	($124,293)	($124,293)	($124,293)	($124,293)	$ -	$ -
11	**Taxable Income**	($136,660)	$153,648	($63,344)	$226,964	($1,797,261)	($1,797,261)
12	Income Tax Rate	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
13	**Income Tax on Taxable Income**	($20,499)	$23,047	($9,502)	$34,045	($269,589)	($269,589)
14	**Income Tax Credits**	$ -	$ -	$ -	$ -	$ -	$ -
15	**Utility Net Income**	$8,132	$254,894	$70,451	($1,820,308)	($1,527,672)	($1,820,308)
16	**Utility Rate Base**	$6,933,995	$6,933,995	$6,933,995	$6,933,995	$6,933,995	$6,933,995
17	Deemed Equity Portion of Rate Base	$2,773,598	$2,773,598	$ -	$ -	$ -	$ -
18	Income/(Equity Portion of Rate Base)	0.29%	9.19%	0.00%	0.00%	0.00%	0.00%
19	Target Return - Equity on Rate Base	9.19%	9.19%	0.00%	0.00%	0.00%	0.00%
20	Deficiency/Sufficiency in Return on Equity	-8.90%	0.00%	0.00%	0.00%	0.00%	0.00%
21	Indicated Rate of Return	2.73%	6.28%	1.02%	0.00%	-22.03%	0.00%
22	Requested Rate of Return on Rate Base	6.28%	6.28%	0.00%	0.00%	0.00%	0.00%
23	Deficiency/Sufficiency in Rate of Return	-3.56%	0.00%	1.02%	0.00%	-22.03%	0.00%
24	Target Return on Equity	$254,894	$254,894	$ -	$ -	$ -	$ -
25	Revenue Deficiency/(Sufficiency)	$246,762	$ -	($70,451)	$ -	$1,527,672	$ -
26	**Gross Revenue Deficiency/(Sufficiency)**	$290,308 **(1)**		($82,883) **(1)**		$1,797,261 **(1)**	

Notes:

(1) Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Revenue Requirement

Line No.	Particulars	Application				Per Board Decision	
1	OM&A Expenses	$1,549,280		$1,549,280		$1,549,280	
2	Amortization/Depreciation	$247,981		$247,981		$247,981	
3	Property Taxes	$ -					
5	Income Taxes (Grossed up)	$23,047		$23,047		$23,047	
6	Other Expenses	$ -					
7	Return						
	Deemed Interest Expense	$180,866		$ -		$ -	
	Return on Deemed Equity	$254,894		$ -		$ -	
8	**Service Revenue Requirement (before Revenues)**	$2,256,068		$1,820,308		$1,820,308	
9	Revenue Offsets	$107,550		$ -		$ -	
10	**Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)**	$2,148,518		$1,820,308		$1,820,308	
11	Distribution revenue	$2,148,518		$ -		$ -	
12	Other revenue	$107,550		$ -		$ -	
13	**Total revenue**	$2,256,068		$ -		$ -	
14	**Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)**	$ -	(1)	($1,820,308)	(1)	($1,820,308)	(1)

Notes

(1) Line 11 - Line 8

Appendix 5: 2020 Rate Generator Model

Instructions for Tabs 1, 3 to 7

	Summary of Changes from the Prior Year
1	Questions are added to tab 1:
a	Depending on the responses selected in tab 1, the continuity schedule in tab 3 will open to the appropriate year in which utilities are to start inputting DVA balances.
b	Questions that were on tab 3 (regarding Class A customers), tab 6 and 6.2 (regarding year of last disposition for GA and CBR Class B) are moved to tab 1.
2	In the continuity schedule on tab 3, an option on whether Accounts 1588 and 1589 is requested for disposition has been added in column BU.
3	Table 3b in tab 6 is revised to input Class A consumption on a total rate class basis instead of on a individual customer basis. Table 3b pertains to Class A consumption for customers that were Class A for the entire year during period the balance where Account 1589 GA or Account 1580 CBR Class B accumulated.
4	In tab 4, an option not to request DVA balances for disposition has been added if the threshold test is met.
5	In tab 6.1a , the first table for Allocation of Total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers is modified. Utilities only need to input Non-RPP less WMP consumption for years prior to 2018, as applicable.
6	In tab 6.2a , the first table for Allocation of Total Consumption (kWh) between Current Class B and Class A/B Transition Customers is modified. Utilities only need to input Non-RPP less WMP consumption for years prior to 2018, as applicable.

Detailed Instructions for Each Tab

Tab	Tab Details	Step	Details
1 - Information Sheet	This tab shows some information pertaining to the utility and the application.	1	Complete the information sheet. a) Questions 2 to 4 Responses to questions 2 to 4 will open the DVA continuity schedule in tab 3 to the appropriate year that DVA balances should first be inputted. b) Questions 5 and 6 If the response to question 5 (GA) or 6 (CBR Class B) is yes, tab 6 relating to Class A customers' consumption will be generated. If the response to question 6 is yes, then tab 6.2 will also be generated. This tab will allocate and dispose the balance in Account 1580, sub-account CBR Class B through a separate rate rider using information inputted in tab 6, unless a rate rider is not produced. If the response to question 6 is no, then the balance in the Account 1580, sub-account CBR Class B will be allocated and disposed with Account 1580 WMS, as part of the general DVA rate rider
3 - Continuity Schedule	This tab is the continuity schedule that shows all the accounts and the accumulation of the balances a utility has.	2	Complete the DVA continuity schedule. a) For all Group 1 accounts, except Account 1595: The continuity schedule will open from the year the GL balance was last disposed. Start inputting the approved ending balances in the Adjustments column of that year. *For example, if in the 2019 rate application, DVA balances as at December 13, 2017 were approved for disposition, the continuity schedule will commence from 2017. Start by inputting the approved closing 2017 balances in the Adjustments column under 2017.* b) For all Account 1595 sub-accounts: Complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2018, regardless of whether the account is being requested for disposition in the current application. The continuity schedule will open in the year of the earliest Account 1595 vintage year that has a balance. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). *For example, Account 1595 (2015) would accumulate a balance starting in 2015, when the relevant balances approved for disposition were first transferred into Account 1595 (2015). Input the amount approved for disposition in the OEB Approved Disposition column.* Note that the DVA continuity schedule can currently start from 2013, if a utility has an Account 1595 with a vintage year prior to 2013, then a separate schedule should be provided starting from that vintage year.
		3	For Accounts 1588, 1589 and 1595, indicate whether disposition is requested in column BU.
		4	Review any balance variance between the DVA continuity schedule and the RRR in column BW. Provide an explanation, if necessary.
4 - Billing Determinant	This tab shows the billing determinants that will be used to allocate account balances and calculate rate riders.	5	Confirm the accuracy of the RRR data used to populate the tab.
		6	Review the disposition threshold calculation. Select whether disposition is being requested or not in the drop down box.
6 - Class A Data Consumption	This tab is to be completed if there were any Class A customers at any point during the period the GA balance or CBR Class B accumulated. The data on this tab is used for the purposes of determining the GA rate rider, CBR Class B rate rider (if applicable), as well as customer specific GA and CBR charges for transition customers (if applicable).	7	This tab is generated when the utility selects yes to questions 5 or 6 in tab 1, indicating they had Class A customers during the period that the GA or CBR balance accumulated.
		8	Under #2a, indicate whether the utility had any customers that transitioned between Class A and B during the period the Account 1589 GA balance accumulated. If yes, tab 6.1a will be generated. Under #2b, indicate whether the utility had any customers that transitioned between Class A and B during the period the Account 1580, sub-account CBR Class B balance accumulated. If yes, tab 6.2a will be generated.
		9	Under #3a, enter the number of transition customers the utility had during the period the Account 1589 GA or Account 1580 CBR B balances accumulated. A table will be generated based on the number of customers. Complete the table accordingly for each transition customer identified (i.e. kWh/kW for half year periods, and the customer class during the half year). This data will automatically be used in the GA balance and CBR Class B balance allocation to transition customers in tabs 6.1a and 6.2a respectively. This data will also be used in the calculation of billing determinants for GA and CBR Class B balances, as applicable. Note that each transition customer identified in tab 6, table 3a will be assigned a customer number and the number will correspond to the same transition customer populated in tabs 6.1a and 6.2a. Also note that the transition customers identified for the GA may be different than those for CBR Class B. This would depend on the period in which the GA and CBR Class B balances accumulated.
		10	Under #3b, enter the number of rate classes in which there were full year Class A customers during the period the Account 1589 GA balance or Account 1580 CBR Class B balance accumulated. A table will be generated based on the number of rate classes. Complete the table accordingly for each rate class identified (i.e. total Class A consumption in the rate class identified for each year). This data will be used in the calculation of billing determinants for GA and CBR Class B, as applicable.
6.1a - GA Allocation	This tab allocates the GA balance to each transition customer for the period in which these customers were Class B customers and contributed to the GA balance (i.e. former Class B customers but are now Class A customers and former Class A customers who are now Class B customers).	11	This tab is generated when the utility indicates that they had transition customers in tab 6, #2a during the period the Account 1589 GA balance accumulated. In row 20, enter the Non-RPP consumption less WMP consumption. The rest of the information in this tab will be auto-populated and will calculate the customer specific allocation of the GA balance to transition customers in the bottom table. All transition customers who are allocated a specific GA amount are not to be charged the general Non-RPP Class B GA rate rider as calculated in tab 6.1.
6.1 - GA	This tab calculates the GA rate rider to be applied to all non-RPP Class B customers (except for the transition customers allocated a customer specific balance in tab 6.1a).	12	Enter the proposed rate rider recovery period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the GA rate riders are calculated accordingly based on whether there were any transition customers during the period that the GA balance accumulated.
6.2a - CBR_B Allocation	This tab allocates the CBR Class B balance to each transition customer for the period in which these customers were Class B customers and contributed to the CBR Class B balance (i.e. former Class B customers but are now Class A customers and former Class A customers who are now Class B).	13	This tab is generated when the utility indicates that they had transition customers in tab 6, #2b during the period where the CBR Class B balance accumulated. In row 19, enter the total Class B consumption less WMP consumption. The rest of the information in this tab will be auto-populated and will calculate the customer specific allocation of the CBR Class B balance to transition customers in the bottom table. All transition customers who are allocated a specific CBR Class B amount are not to be charged the general CBR Class B rate rider.
6.2 - CBR	This tab calculates the CBR Class B rate rider if there were Class A customers at any point during the period that the CBR Class B balance accumulated.	14	This tab is generated when the response to question 6 in tab 1 is "yes", indicating that they had Class A customers during the period that Account 1580, sub-account CBR Class B balance accumulated. No input is required in this tab. The information in the tab is auto-populated and the CBR Class B rate riders are calculated accordingly. If a rate rider is not produced, the entire Account 1580 CBR Class B balance, including the amount allocated to transition customers will be transferred to Account 1580 WMS, to be disposed through the general Group 1 DVA rate rider.
5 - Allocating Def-Var Balances	This tab allocates the Group 1 balances, except GA and CBR Class B (if Class A customers exist).	15	Review the allocated balances to ensure the allocation is appropriate. Note that the final allocation for Account 1580, sub-account CBR Class B is calculated after the completion of tabs 6 to 6.2a.
7 - Calculation of Def-Var RR	This tab calculates the Group 1 rate riders, except for GA and CBR Class B (if Class A customers exist)	16	Enter the proposed rate rider recovery period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the rate riders are calculated accordingly .

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Quick Link

Ontario Energy Board's 2020 Electricity

Version 2.0

Utility Name	Renfrew Hydro Inc.
Assigned EB Number	EB-2019-0065
Name of Contact and Title	Cindy Marshall, Secretary Treasurer
Phone Number	613-432-4884
Email Address	cmarshall@renfrewhydro.com
We are applying for rates effective	January 1, 2020
Rate-Setting Method	**Price Cap IR**
1. Select the last Cost of Service rebasing year	**2017**
2. Select the year that the balances of Accounts 1588 and 1589 were last approved for disposition *(e.g. If 2017 balances were approved for disposition in the 2019 rate application, select 2017)*	**2015**
3. Select the year that the balances of the remaining Group 1 DVAs were last approved for disposition	**2015**
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)*	**2015**
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 was last disposed to the year requested for disposition)?	**Yes**
6. Did you have any customers classified as Class A at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)?	**Yes**
7. Retail Transmission Service Rates: Renfrew Hydro Inc. is:	**Fully Embedded**
8. Have you transitioned to fully fixed rates?	**No**

Legend

Pale green cells represent input cells.

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

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Please wait as macro imports and formats your current tariff schedu

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0064

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	22.76
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	0.17
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	1.42
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$	(1.55)
Distribution Volumetric Rate	$/kWh	0.0039
Low Voltage Service Rate	$/kWh	0.0022
Retail Transmission Rate - Network Service Rate	$/kWh	0.0053
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	0.0032

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	31.86
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	0.30
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	3.10
Distribution Volumetric Rate	$/kWh	0.0156
Low Voltage Service Rate	$/kWh	0.0020
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kWh	(0.0024)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0048
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0033

MONTHLY RATES AND CHARGES - Regulatory Component

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

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	202.22
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	6.03
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	11.60
Distribution Volumetric Rate	$/kW	3.0595
Low Voltage Service Rate	$/kW	0.7587
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kW	(0.8725)
Retail Transmission Rate - Network Service Rate	$/kW	1.9591
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.2448

MONTHLY RATES AND CHARGES - Regulatory Component

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

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

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 customer will provide detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	$	21.24
Distribution Volumetric Rate	$/kWh	0.0016
Low Voltage Service Rate	$/kWh	0.0020
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kWh	(0.0024)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0048
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0033

MONTHLY RATES AND CHARGES - Regulatory Component

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

Ontario Energy Board

Incentive Rate-setting Mechanism
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STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	2.00
Distribution Volumetric Rate	$/kW	4.2149
Low Voltage Service Rate	$/kW	0.5865
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kW	(0.8532)
Retail Transmission Rate - Network Service Rate	$/kW	1.4775
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.9624

MONTHLY RATES AND CHARGES - Regulatory Component

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

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

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	$	10.00

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Easement letter	$	15.00
Account history	$	15.00
Arrears certificate	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Returned cheque (plus bank charges)	$	15.00

Non-Payment of Account

Late payment - per month	%	1.50
Late payment charge - per annum	%	19.56
Collection of account charge - no disconnection	$	30.00
Disconnect/reconnect at meter - during regular hours	$	65.00

Other

Specific charge for access to the power poles - $/pole/year (with the exception of wireless attachments)	$	43.63

RETAIL SERVICE CHARGES (if applicable)

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	100.00
Monthly fixed charge, per retailer	$	20.00
Monthly variable charge, per customer, per retailer	$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.25
Processing fee, per request, applied to the requesting party	$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge
More than twice a year, per request (plus incremental delivery costs)	$	2.00

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	1.081
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0702

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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? **Yes**

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)*	1595 Recovery Proportion (2015) [1]	1595 Recovery Proportion (2017) [1]	1568 LRAM Variance Account Class Allocation ($ amounts)	Number of Customers for Residential and GS<50 classes[3]
RESIDENTIAL SERVICE CLASSIFICATION	kWh	29,861,489	0	598,004	0	0	0	29,861,489	0	78%	18%	21,228	3,817
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	11,124,464	0	2,053,522	0	0	0	11,124,464	0	27%	9%	-2,599	441
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	44,536,403	107,393	40,568,811	107,393	0	0	44,536,403	107,393	-5%	71%	-236	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	174,874	0	174,874	0	0	0	174,874	0	0%	0%	-14	
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,095,474	3,039	1,095,474	3,039	0	0	1,095,474	3,039	0%	2%	-398	
	Total	86,792,704	110,432	44,490,685	110,432	0	0	86,792,704	110,432	100%	100%	17,981	4,258

Threshold Test

Total Claim (including Account 1568)	($18,476)	
Total Claim for Threshold Test (All Group 1 Accounts)	($36,457)	
Threshold Test (Total claim per kWh) [2]	($0.0004)	**Claim does not meet the threshold test.**

As per Section 3.2.5 of the 2019 Filing Requirements for Electricity Distribution Rate Applications, an applicant may elect to dispose of the Group 1 account balances below the threshold. If doing so, please select YES from the adjacent drop-down cell and also indicate so in the Manager's Summary. If not, please select NO.

NO

[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 2020 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	1550	1551	allocated based on Total less WMP 1580	1584	1586	allocated based on Total less WMP 1588

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Input required at cells C13 and C14. This workshseet 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

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2017	2020
OEB-Approved Rate Base	$ 6,684,775	$ 6,684,775
OEB-Approved Regulatory Taxable Income	$ 120,577	$ 120,577
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate)[1,2]		9.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.5%
Ontario Small Business Rate (calculated effective rate)[1,2]		3.5%
Federal Small Business Limit		$ 500,000
Ontario Small Business Limit		$ 500,000
Federal Taxes Payable		$ 10,852
Provincial Taxes Payable		$ 4,220
Federal Effective Tax Rate		9.0%
Provincial Effective Tax Rate		3.5%
Combined Effective Tax Rate	15.0%	12.5%
Total Income Taxes Payable	$ 18,087	$ 15,072
OEB-Approved Total Tax Credits (enter as positive number)	$ -	$ -
Income Tax Provision	$ 18,087	$ 15,072
Grossed-up Income Taxes	$ 21,278	$ 17,225
Incremental Grossed-up Tax Amount		-$ 4,053
Sharing of Tax Amount (50%)		**-$ 2,027**

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.

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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	3,835	29,993,952		17.30	0.0115		796,146	344,930	0	1,141,076	69.8%	30.2%	0.0%	55.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	414	12,181,792		31.25	0.0153		155,250	186,381	0	341,631	45.4%	54.6%	0.0%	16.7%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	61	45,032,810	122,368	189.27		2.8636	138,546	0	350,413	488,959	28.3%	0.0%	71.7%	23.9%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	34	155,148		38.95	0.0029		15,892	450	0	16,342	97.2%	2.8%	0.0%	0.8%
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,199	1,122,118	3,118	2.72		5.7112	39,135	0	17,808	56,943	68.7%	0.0%	31.3%	2.8%
Total		5,543	88,485,820	125,486				1,144,969	531,762	368,221	2,044,951				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	29,861,489		-1,131	0.00	$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	11,124,464		-339	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	44,536,403	107,393	-485	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	174,874		-16	0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,095,474	3,039	-56	0.0000	kW
Total		86,792,704	110,432	-52,027		

If the allocated tax sharing amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is required to transfer the entire OEB-approved tax sharing amount into account 1595 for disposition at a later date (see Filing Requirements, Appendix B)

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Volumes 2 and 7 have populated with data from the most recent OEB filing. Rate classes that have more than one Network or Connection charge will notice that the units are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and make the changes in your managerial summary. As well, the Loss Factor has been imported from Tab 9.

Rate Class	Rate Description	Unit	Rate	Revenues Adjusted Revenue 2.0B	Rate Class Adjusted Revenue 2.0B	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0076	34,481,488	0	1.0610	34,481,488
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0036	20,992,288	0	1.0610	20,992,288
General Service less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0069	15,161,488	0	1.0610	15,161,488
General Service less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0032	11,184,288	0	1.0610	11,184,288
General Service 50 To 1,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.7000	19,188,243	117,164		
General Service 50 To 1,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.2439	10,108,243	117,164		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.9000	1,158,243	0	1.0610	124,243
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.9000	108,243	0	1.0610	108,243
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0076	1,243,243	0		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.8000	1,108,243	0.000		

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Uniform Transmission Rates	Unit	2018	2019	2019 (July 1 - Dec 31)	2020
Rate Description		**Rate**	**Rate**	**Rate**	**Rate**
Network Service Rate	kW	$ 3.61	$ 3.71	$ 3.83	$ 3.83
Line Connection Service Rate	kW	$ 0.95	$ 0.94	$ 0.96	$ 0.96
Transformation Connection Service Rate	kW	$ 2.34	$ 2.25	$ 2.30	$ 2.30

Hydro One Sub-Transmission Rates	Unit	2018	2019 (Jan 1 - June 30)	2019 (July 1 - Dec 31)	2020
Rate Description		**Rate**	**Rate**	**Rate**	**Rate**
Network Service Rate	kW	$ 3.1942	$ 3.1942	$ 3.2915	$ 3.2915
Line Connection Service Rate	kW	$ 0.7710	$ 0.7710	$ 0.7877	$ 0.7877
Transformation Connection Service Rate	kW	$ 1.7493	$ 1.7493	$ 1.9755	$ 1.9755
Both Line and Transformation Connection Service Rate	kW	$ 2.5203	$ 2.5203	$ 2.7632	$ 2.7632

If needed, add extra host here. (I)	Unit	2018	2019		2020
Rate Description		**Rate**	**Rate**		**Rate**
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	$ -	$ -		$ -

If needed, add extra host here. (II)	Unit	2018	2019		2020
Rate Description		**Rate**	**Rate**		**Rate**
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	$ -	$ -		$ -

		Historical 2018	Current 2019		Forecast 2020
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	$				

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	X q]wv#E]ooing	U dwh	D p rxqv	X q]wv#E]ooing	U dwh	D p rxqv	X q]wv#E]ooing	U dwh	D p rxqv	D p rxqv
January		$0.00			$0.00			$0.00		$ -
February		$0.00			$0.00			$0.00		$ -
March		$0.00			$0.00			$0.00		$ -
April		$0.00			$0.00			$0.00		$ -
May		$0.00			$0.00			$0.00		$ -
June		$0.00			$0.00			$0.00		$ -
July		$0.00			$0.00			$0.00		$ -
August		$0.00			$0.00			$0.00		$ -
September		$0.00			$0.00			$0.00		$ -
October		$0.00			$0.00			$0.00		$ -
November		$0.00			$0.00			$0.00		$ -
December		$0.00			$0.00			$0.00		$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	X q]wv#E]ooing	U dwh	D p rxqv	X q]wv#E]ooing	U dwh	D p rxqv	X q]wv#E]ooing	U dwh	D p rxqv	D p rxqv
January	13,905	$3.1942	$ 44,416		$0.0000		15,901	$1.7493	$ 27,816	$ 27,816
February	11,523	$3.1942	$ 36,806		$0.0000		13,515	$1.7493	$ 23,641	$ 23,641
March	11,523	$3.1942	$ 36,806		$0.0000		13,514	$1.7493	$ 23,640	$ 23,640
April	11,482	$3.1942	$ 36,674		$0.0000		13,470	$1.7493	$ 23,564	$ 23,564
May	11,246	$3.1942	$ 35,921		$0.0000		12,506	$1.7493	$ 21,877	$ 21,877
June	11,027	$3.1942	$ 35,224		$0.0000		13,016	$1.7493	$ 22,769	$ 22,769
July	15,618	$3.1942	$ 49,886		$0.0000		16,368	$1.7493	$ 28,633	$ 28,633
August	14,914	$3.1942	$ 47,640		$0.0000		15,224	$1.7493	$ 26,631	$ 26,631
September	26,026	$3.1942	$ 83,133	11,186	$0.7710	$ 8,625	26,626	$1.7493	$ 46,576	$ 55,201
October	11,195	$3.1942	$ 35,760		$0.0000		12,681	$1.7493	$ 22,183	$ 22,183
November	13,131	$3.1942	$ 41,943		$0.0000		14,515	$1.7493	$ 25,392	$ 25,392
December	12,739	$3.1942	$ 40,691		$0.0000		14,409	$1.7493	$ 25,205	$ 25,205
Total	164,329	$ 3.1942	$ 524,900	11,186	$ 0.7710	$ 8,625	181,745	$ 1.7493	$ 317,927	$ 326,551

Add Extra Host Here (I) (if needed)	Network			Line Connection			Transformation Connection			Total Connection
Month	X q]wv#E]ooing	U dwh	D p rxqv	X q]wv#E]ooing	U dwh	D p rxqv	X q]wv#E]ooing	U dwh	D p rxqv	D p rxqv
January		$ -			$ -			$ -		$ -
February		$ -			$ -			$ -		$ -
March		$ -			$ -			$ -		$ -
April		$ -			$ -			$ -		$ -
May		$ -			$ -			$ -		$ -
June		$ -			$ -			$ -		$ -
July		$ -			$ -			$ -		$ -
August		$ -			$ -			$ -		$ -
September		$ -			$ -			$ -		$ -
October		$ -			$ -			$ -		$ -
November		$ -			$ -			$ -		$ -
December		$ -			$ -			$ -		$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (II) (if needed)	Network			Line Connection			Transformation Connection			Total Connection
Month	X q]wv#E]ooing	U dwh	D p rxqv	X q]wv#E]ooing	U dwh	D p rxqv	X q]wv#E]ooing	U dwh	D p rxqv	D p rxqv
January		$ -			$ -			$ -		$ -
February		$ -			$ -			$ -		$ -
March		$ -			$ -			$ -		$ -
April		$ -			$ -			$ -		$ -
May		$ -			$ -			$ -		$ -
June		$ -			$ -			$ -		$ -
July		$ -			$ -			$ -		$ -
August		$ -			$ -			$ -		$ -
September		$ -			$ -			$ -		$ -
October		$ -			$ -			$ -		$ -
November		$ -			$ -			$ -		$ -
December		$ -			$ -			$ -		$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	X q]wv#E]ooing	U dwh	D p rxqv	X q]wv#E]ooing	U dwh	D p rxqv	X q]wv#E]ooing	U dwh	D p rxqv	D p rxqv
January	13,905	$ 3.1942	$ 44,416	-	$ -	$ -	15,901	$ 1.7493	$ 27,816	$ 27,816
February	11,523	$ 3.1942	$ 36,806	-	$ -	$ -	13,515	$ 1.7493	$ 23,641	$ 23,641
March	11,523	$ 3.1942	$ 36,806	-	$ -	$ -	13,514	$ 1.7493	$ 23,640	$ 23,640
April	11,482	$ 3.1942	$ 36,674	-	$ -	$ -	13,470	$ 1.7493	$ 23,564	$ 23,564
May	11,246	$ 3.1942	$ 35,921	-	$ -	$ -	12,506	$ 1.7493	$ 21,877	$ 21,877
June	11,027	$ 3.1942	$ 35,224	-	$ -	$ -	13,016	$ 1.7493	$ 22,769	$ 22,769
July	15,618	$ 3.1942	$ 49,886	-	$ -	$ -	16,368	$ 1.7493	$ 28,633	$ 28,633
August	14,914	$ 3.1942	$ 47,640	-	$ -	$ -	15,224	$ 1.7493	$ 26,631	$ 26,631
September	26,026	$ 3.1942	$ 83,133	11,186	$ 0.7710	$ 8,625	26,626	$ 1.7493	$ 46,576	$ 55,201
October	11,195	$ 3.1942	$ 35,760	-	$ -	$ -	12,681	$ 1.7493	$ 22,183	$ 22,183
November	13,131	$ 3.1942	$ 41,943	-	$ -	$ -	14,515	$ 1.7493	$ 25,392	$ 25,392
December	12,739	$ 3.1942	$ 40,691	-	$ -	$ -	14,409	$ 1.7493	$ 25,205	$ 25,205
Total	164,329	$ 3.19	$ 524,900	11,186	$ 0.77	$ 8,625	181,745	$ 1.75	$ 317,927	$ 326,551

Low Voltage Switchgear Credit (if applicable)	$ -
Total including deduction for Low Voltage Switchgear Credit	$ 326,551

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The purpose of this sheet is to calculate the expected billing when current 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	-	$ 3.7100	$ -	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
February	-	$ 3.7100	$ -	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
March	-	$ 3.7100	$ -	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
April	-	$ 3.7100	$ -	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
May	-	$ 3.7100	$ -	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
June	-	$ 3.7100	$ -	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
July	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
August	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
September	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
October	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
November	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
December	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
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	13,905	$ 3.1942	$ 44,416	-	$ 0.7710	$ -	15,901	$ 1.7493	$ 27,816	$ 27,816
February	11,523	$ 3.1942	$ 36,806	-	$ 0.7710	$ -	13,515	$ 1.7493	$ 23,641	$ 23,641
March	11,523	$ 3.1942	$ 36,806	-	$ 0.7710	$ -	13,514	$ 1.7493	$ 23,640	$ 23,640
April	11,482	$ 3.1942	$ 36,674	-	$ 0.7710	$ -	13,470	$ 1.7493	$ 23,564	$ 23,564
May	11,246	$ 3.1942	$ 35,921	-	$ 0.7710	$ -	12,506	$ 1.7493	$ 21,877	$ 21,877
June	11,027	$ 3.1942	$ 35,224	-	$ 0.7710	$ -	13,016	$ 1.7493	$ 22,769	$ 22,769
July	15,618	$ 3.2915	$ 51,405	-	$ 0.7877	$ -	16,368	$ 1.9755	$ 32,335	$ 32,335
August	14,914	$ 3.2915	$ 49,091	-	$ 0.7877	$ -	15,224	$ 1.9755	$ 30,074	$ 30,074
September	26,026	$ 3.2915	$ 85,665	11,186	$ 0.7877	$ 8,811	26,626	$ 1.9755	$ 52,599	$ 61,411
October	11,195	$ 3.2915	$ 36,849	-	$ 0.7877	$ -	12,681	$ 1.9755	$ 25,051	$ 25,051
November	13,131	$ 3.2915	$ 43,221	-	$ 0.7877	$ -	14,515	$ 1.9755	$ 28,675	$ 28,675
December	12,739	$ 3.2915	$ 41,930	-	$ 0.7877	$ -	14,409	$ 1.9755	$ 28,464	$ 28,464
Total	164,329	$ 3.25	$ 534,009	11,186	$ 0.79	$ 8,811	181,745	$ 1.87	$ 340,506	$ 349,318

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	13,905	$ 3.1942	$ 44,416	-	$ -	$ -	15,901	$ 1.7493	$ 27,816	$ 27,816
February	11,523	$ 3.1942	$ 36,806	-	$ -	$ -	13,515	$ 1.7493	$ 23,641	$ 23,641
March	11,523	$ 3.1942	$ 36,806	-	$ -	$ -	13,514	$ 1.7493	$ 23,640	$ 23,640
April	11,482	$ 3.1942	$ 36,674	-	$ -	$ -	13,470	$ 1.7493	$ 23,564	$ 23,564
May	11,246	$ 3.1942	$ 35,921	-	$ -	$ -	12,506	$ 1.7493	$ 21,877	$ 21,877
June	11,027	$ 3.1942	$ 35,224	-	$ -	$ -	13,016	$ 1.7493	$ 22,769	$ 22,769
July	15,618	$ 3.2915	$ 51,405	-	$ -	$ -	16,368	$ 1.9755	$ 32,335	$ 32,335
August	14,914	$ 3.2915	$ 49,091	-	$ -	$ -	15,224	$ 1.9755	$ 30,074	$ 30,074
September	26,026	$ 3.2915	$ 85,665	11,186	$ 0.7877	$ 8,811	26,626	$ 1.9755	$ 52,599	$ 61,411
October	11,195	$ 3.2915	$ 36,849	-	$ -	$ -	12,681	$ 1.9755	$ 25,051	$ 25,051
November	13,131	$ 3.2915	$ 43,221	-	$ -	$ -	14,515	$ 1.9755	$ 28,675	$ 28,675
December	12,739	$ 3.2915	$ 41,930	-	$ -	$ -	14,409	$ 1.9755	$ 28,464	$ 28,464
Total	164,329	$ 3.25	$ 534,009	11,186	$ 0.79	$ 8,811	181,745	$ 1.87	$ 340,506	$ 349,318

Low Voltage Switchgear Credit (if applicable)	$ -
Total including deduction for Low Voltage Switchgear Credit	$ 349,318

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2018 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	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
February	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
March	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
April	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
May	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
June	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
July	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
August	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
September	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
October	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
November	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
December	-	$ 3.8300	$ -	-	$ 0.9600	$ -	-	$ 2.3000	$ -	$ -
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	13,905	$ 3.2915	$ 45,769	-	$ 0.7877	$ -	15,901	$ 1.9755	$ 31,413	$ 31,413
February	11,523	$ 3.2915	$ 37,928	-	$ 0.7877	$ -	13,515	$ 1.9755	$ 26,698	$ 26,698
March	11,523	$ 3.2915	$ 37,928	-	$ 0.7877	$ -	13,514	$ 1.9755	$ 26,697	$ 26,697
April	11,482	$ 3.2915	$ 37,791	-	$ 0.7877	$ -	13,470	$ 1.9755	$ 26,611	$ 26,611
May	11,246	$ 3.2915	$ 37,015	-	$ 0.7877	$ -	12,506	$ 1.9755	$ 24,706	$ 24,706
June	11,027	$ 3.2915	$ 36,297	-	$ 0.7877	$ -	13,016	$ 1.9755	$ 25,714	$ 25,714
July	15,618	$ 3.2915	$ 51,405	-	$ 0.7877	$ -	16,368	$ 1.9755	$ 32,335	$ 32,335
August	14,914	$ 3.2915	$ 49,091	-	$ 0.7877	$ -	15,224	$ 1.9755	$ 30,074	$ 30,074
September	26,026	$ 3.2915	$ 85,665	11,186	$ 0.7877	$ 8,811	26,626	$ 1.9755	$ 52,599	$ 61,411
October	11,195	$ 3.2915	$ 36,849	-	$ 0.7877	$ -	12,681	$ 1.9755	$ 25,051	$ 25,051
November	13,131	$ 3.2915	$ 43,221	-	$ 0.7877	$ -	14,515	$ 1.9755	$ 28,675	$ 28,675
December	12,739	$ 3.2915	$ 41,930	-	$ 0.7877	$ -	14,409	$ 1.9755	$ 28,464	$ 28,464
Total	164,329	$ 3.29	$ 540,889	11,186	$ 0.79	$ 8,811	181,745	$ 1.98	$ 359,037	$ 367,849

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	13,905	$ 3.29	$ 45,769	-	$ -	$ -	15,901	$ 1.98	$ 31,413	$ 31,413
February	11,523	$ 3.29	$ 37,928	-	$ -	$ -	13,515	$ 1.98	$ 26,698	$ 26,698
March	11,523	$ 3.29	$ 37,928	-	$ -	$ -	13,514	$ 1.98	$ 26,697	$ 26,697
April	11,482	$ 3.29	$ 37,791	-	$ -	$ -	13,470	$ 1.98	$ 26,611	$ 26,611
May	11,246	$ 3.29	$ 37,015	-	$ -	$ -	12,506	$ 1.98	$ 24,706	$ 24,706
June	11,027	$ 3.29	$ 36,297	-	$ -	$ -	13,016	$ 1.98	$ 25,714	$ 25,714
July	15,618	$ 3.29	$ 51,405	-	$ -	$ -	16,368	$ 1.98	$ 32,335	$ 32,335
August	14,914	$ 3.29	$ 49,091	-	$ -	$ -	15,224	$ 1.98	$ 30,074	$ 30,074
September	26,026	$ 3.29	$ 85,665	11,186	$ 0.79	$ 8,811	26,626	$ 1.98	$ 52,599	$ 61,411
October	11,195	$ 3.29	$ 36,849	-	$ -	$ -	12,681	$ 1.98	$ 25,051	$ 25,051
November	13,131	$ 3.29	$ 43,221	-	$ -	$ -	14,515	$ 1.98	$ 28,675	$ 28,675
December	12,739	$ 3.29	$ 41,930	-	$ -	$ -	14,409	$ 1.98	$ 28,464	$ 28,464
Total	164,329	$ 3.29	$ 540,889	11,186	$ 0.79	$ 8,811	181,745	$ 1.98	$ 359,037	$ 367,849

Low Voltage Switchgear Credit (if applicable)	$ -
Total including deduction for Low Voltage Switchgear Credit	$ 367,849

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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	0.0053	32,280,270	0	171,085	38.5%	205,491	0.0064
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0048	12,025,546	0	57,723	13.0%	69,331	0.0058
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.9591		107,393	210,394	47.3%	252,704	2.3531
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0048	189,039	0	907	0.2%	1,090	0.0058
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.4775		3,039	4,490	1.0%	5,393	1.7746

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	0.0036	32,280,270	0	116,209	39.6%	138,487	0.0043
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0033	12,025,546	0	39,684	13.5%	47,292	0.0039
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.2448		107,393	133,683	45.6%	159,310	1.4834
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0033	189,039	0	624	0.2%	743	0.0039
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.9624		3,039	2,925	1.0%	3,485	1.1469

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	0.0064	32,280,270	0	205,491	38.5%	208,139	**0.0064**
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0058	12,025,546	0	69,331	13.0%	70,224	**0.0058**
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.3531		107,393	252,704	47.3%	255,960	**2.3834**
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0058	189,039	0	1,090	0.2%	1,104	**0.0058**
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.7746		3,039	5,393	1.0%	5,463	**1.7975**

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	0.0043	32,280,270	0	138,487	39.6%	145,833	**0.0045**
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0039	12,025,546	0	47,292	13.5%	49,801	**0.0041**
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4834		107,393	159,310	45.6%	167,762	**1.5621**
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0039	189,039	0	743	0.2%	783	**0.0041**
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.1469		3,039	3,485	1.0%	3,670	**1.2077**

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2018 values and will be updated by OEB staff at a later date.

Price Escalator	1.20%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	3,835	Effective Year of Residential Rate Design Transition (yyyy)	2017
Choose Stretch Factor Group	III	Price Cap Index	0.90%	Billed kWh for Residential Class (approved in the last CoS)	29,993,952	OEB-approved # of Transition Years	4
Associated Stretch Factor Value	0.30%			Rate Design Transition Years Left	1		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge

Ontario Energy Board

Incentive Rate-setting Mechanism Rat
for 2020 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, 2019**	**January 1, 2020**
Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$/kWh	0.25	0.25

Time-of-Use RPP Prices

As of		May 1, 2019
Off-Peak	$/kWh	0.0650
Mid-Peak	$/kWh	0.0940
On-Peak	$/kWh	0.1340

Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	$	0.57

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

Miscellaneous Service Charges

Wireline Pole Attachment Charge	**Unit**	**Current charge**	**Inflation factor ***	**Proposed charge ** / *****
Specific charge for access to the power poles - per pole/year	$	43.63	1.20%	44.15

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	$	100.00	1.20%	101.20
Monthly fixed charge, per retailer	$	40.00	1.20%	40.48
Monthly variable charge, per customer, per retailer	$/cust.	1.00	1.20%	1.01
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.60	1.20%	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.60)	1.20%	(0.61)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	$	0.50	1.20%	0.51
Processing fee, per request, applied to the requesting party	$	1.00	1.20%	1.01
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)	$	4.00	1.20%	4.05
Notice of switch letter charge, per letter	$	2.00	1.20%	2.02

* 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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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

EB-2019-0065

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	25.53
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	0.17
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	1.42
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$	(1.55)
Low Voltage Service Rate	$/kWh	0.0022
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	$/kWh	0.0064
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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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

EB-2019-0065

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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	32.15
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	0.30
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	3.10
Distribution Volumetric Rate	$/kWh	0.0157
Low Voltage Service Rate	$/kWh	0.0020
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	$/kWh	(0.0002)
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kWh	(0.0024)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0058
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0041

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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

EB-2019-0065

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.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	204.04
Rate Rider for Recovery of Stranded Meter Assets (2017) - effective until December 31, 2020	$	6.03
Rate Rider for Disposition of Residual Historical Smart Meter Costs (2017) - effective until December 31, 2020	$	11.60
Distribution Volumetric Rate	$/kW	3.0870
Low Voltage Service Rate	$/kW	0.7587
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	$/kW	(0.0022)
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kW	(0.8725)
Retail Transmission Rate - Network Service Rate	$/kW	2.3834
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.5621

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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

EB-2019-0065

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 customer will provide detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	$	21.43
Distribution Volumetric Rate	$/kWh	0.0016
Low Voltage Service Rate	$/kWh	0.0020
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	$/kWh	(0.0001)
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kWh	(0.0024)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0058
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0041

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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

EB-2019-0065

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	2.02
Distribution Volumetric Rate	$/kW	4.2528
Low Voltage Service Rate	$/kW	0.5865
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	$/kW	(0.1308)
Rate Rider for Disposition of Account 1576 (2017) - effective until December 31, 2020	$/kW	(0.8532)
Retail Transmission Rate - Network Service Rate	$/kW	1.7975
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.2077

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

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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

EB-2019-0065

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	10.00

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Easement letter	$	15.00
Account history	$	15.00
Arrears certificate	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00

Renfrew Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2020
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		EB-2019-0065
Returned cheque (plus bank charges)	$	15.00
Non-Payment of Account		
Late payment - per month	%	1.50
Late payment charge - per annum	%	19.56
Collection of account charge - no disconnection	$	30.00
Disconnect/reconnect at meter - during regular hours	$	65.00
Other		
Specific charge for access to the power poles - $/pole/year (with the exception of wireless attachments)	$	44.15

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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	101.20
Monthly fixed charge, per retailer	$	40.48
Monthly variable charge, per customer, per retailer	$/cust.	1.01
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	$	1.01
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)	$	4.05

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	1.081
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0702

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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 2018 of $0.1117/kWh (IESO's Monthly Market Report for May 2018, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.
Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Table 1

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*		**Units**	**RPP? Non-RPP Retailer? Non-RPP Other?**	**Current Loss Factor** (eg: 1.0351)	**Proposed Loss Factor**	**Consumption (kWh)**	**Demand kW (if applicable)**	RTSR **Demand or Demand-Interval?**	**Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).**
RESIDENTIAL SERVICE CLASSIFICATION		**kWh**	RPP	1.081	1.081	750			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		**kWh**	RPP	1.081	1.081	2,000			
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION		**kW**	Non-RPP (Other)	1.081	1.081	68,729	166	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		**kWh**	Non-RPP (Other)	1.081	1.081	394			1
STREET LIGHTING SERVICE CLASSIFICATION		**kW**	Non-RPP (Other)	1.081	1.081	91,290	253	DEMAND	1,195
RESIDENTIAL SERVICE CLASSIFICATION		**kWh**	Non-RPP (Retailer)	1.081	1.081	750			
RESIDENTIAL SERVICE CLASSIFICATION	10th Percentile	**kWh**	RPP	1.081	1.081	300			
RESIDENTIAL SERVICE CLASSIFICATION	10th Percentile	**kWh**	Non-RPP (Retailer)	1.081	1.081	300			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		**kWh**	Non-RPP (Retailer)	1.081	1.081	2,000			
Add additional scenarios if required				1.081	1.081				
Add additional scenarios if required				1.081	1.081				
Add additional scenarios if required				1.081	1.081				
Add additional scenarios if required				1.081	1.081				
Add additional scenarios if required				1.081	1.081				
Add additional scenarios if required				1.081	1.081				
Add additional scenarios if required				1.081	1.081				
Add additional scenarios if required				1.081	1.081				
Add additional scenarios if required				1.081	1.081				
Add additional scenarios if required				1.081	1.081				
Add additional scenarios if required				1.081	1.081				

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 0.37	1.4%	$ 0.37	1.1%	$ 1.99	5.0%	$ 2.09	1.9%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$ 0.09	0.1%	$ 0.09	0.1%	$ 3.98	4.1%	$ 4.18	1.5%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 6.02	1.0%	$ 6.02	0.8%	$ 129.13	10.4%	$ 145.91	1.3%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	$ 0.15	0.7%	$ 0.15	0.6%	$ 0.92	3.2%	$ 1.04	1.2%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 0.40	0.0%	$ 0.40	0.0%	$ 143.42	3.6%	$ 162.06	0.9%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	$ 0.37	1.4%	$ 0.37	1.1%	$ 1.99	4.8%	$ 2.25	1.6%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 1.81	7.6%	$ 1.81	6.7%	$ 2.46	8.2%	$ 2.58	4.4%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	$ 1.81	7.6%	$ 1.81	6.5%	$ 2.46	8.0%	$ 2.78	3.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retaile	kWh	$ 0.09	0.1%	$ 0.09	0.1%	$ 3.98	3.9%	$ 4.50	1.2%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 22.76	1	$ 22.76	$ 25.53	1	$ 25.53	$ 2.77	12.17%	
Distribution Volumetric Rate	$ 0.0039	750	$ 2.93	$ -	750	$ -	$ (2.93)	-100.00%	
Fixed Rate Riders	$ 0.04	1	$ 0.04	$ 0.04	1	$ 0.04	$ -	0.00%	
Volumetric Rate Riders	$ -	750	$ -	$ 0.0007	750	$ 0.53	$ 0.53		
Sub-Total A (excluding pass through)			**$ 25.73**			**$ 26.10**	**$ 0.37**	**1.44%**	
Line Losses on Cost of Power	$ 0.0824	61	$ 5.00	$ 0.0824	61	$ 5.00	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
CBR Class B Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0022	750	$ 1.65	$ 0.0022	750	$ 1.65	$ -	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)			**$ 32.95**			**$ 33.32**	**$ 0.37**	**1.12%**	
RTSR - Network	$ 0.0053	811	$ 4.30	$ 0.0064	811	$ 5.19	$ 0.89	20.75%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0036	811	$ 2.92	$ 0.0045	811	$ 3.65	$ 0.73	25.00%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 40.16**			**$ 42.15**	**$ 1.99**	**4.96%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	811	$ 2.76	$ 0.0034	811	$ 2.76	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	811	$ 0.41	$ 0.0005	811	$ 0.41	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	488	$ 31.69	$ 0.0650	488	$ 31.69	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	128	$ 11.99	$ 0.0940	128	$ 11.99	$ -	0.00%	
TOU - On Peak	$ 0.1340	135	$ 18.09	$ 0.1340	135	$ 18.09	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 105.34**			**$ 107.33**	**$ 1.99**	**1.89%**	
HST	13%		$ 13.69	13%		$ 13.95	$ 0.26	1.89%	
8% Rebate	8%		$ (8.43)	8%		$ (8.59)	$ (0.16)		
Total Bill on TOU			**$ 110.60**			**$ 112.70**	**$ 2.09**	**1.89%**	

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 31.86	1	$ 31.86	$ 32.15	1	$ 32.15	$ 0.29	0.91%	
Distribution Volumetric Rate	$ 0.0156	2000	$ 31.20	$ 0.0157	2000	$ 31.40	$ 0.20	0.64%	
Fixed Rate Riders	$ 3.40	1	$ 3.40	$ 3.40	1	$ 3.40	$ -	0.00%	
Volumetric Rate Riders	-$ 0.0024	2000	$ (4.80)	-$ 0.0026	2000	$ (5.20)	$ (0.40)	8.33%	
Sub-Total A (excluding pass through)			**$ 61.66**			**$ 61.75**	**$ 0.09**	**0.15%**	
Line Losses on Cost of Power	$ 0.0824	162	$ 13.34	$ 0.0824	162	$ 13.34	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
CBR Class B Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0020	2,000	$ 4.00	$ 0.0020	2,000	$ 4.00	$ -	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)			**$ 79.57**			**$ 79.66**	**$ 0.09**	**0.11%**	
RTSR - Network	$ 0.0048	2,162	$ 10.38	$ 0.0058	2,162	$ 12.54	$ 2.16	20.83%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0033	2,162	$ 7.13	$ 0.0041	2,162	$ 8.86	$ 1.73	24.24%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 97.08**			**$ 101.06**	**$ 3.98**	**4.10%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,162	$ 7.35	$ 0.0034	2,162	$ 7.35	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,162	$ 1.08	$ 0.0005	2,162	$ 1.08	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	1,300	$ 84.50	$ 0.0650	1,300	$ 84.50	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	340	$ 31.96	$ 0.0940	340	$ 31.96	$ -	0.00%	
TOU - On Peak	$ 0.1340	360	$ 48.24	$ 0.1340	360	$ 48.24	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 270.46**			**$ 274.45**	**$ 3.98**	**1.47%**	
HST	13%		$ 35.16	13%		$ 35.68	$ 0.52	1.47%	
8% Rebate	8%		$ (21.64)	8%		$ (21.96)	$ (0.32)		
Total Bill on TOU			**$ 283.99**			**$ 288.17**	**$ 4.18**	**1.47%**	

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	68,729	kWh
Demand	166	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 202.22	1	$ 202.22	$ 204.04	1	$ 204.04	$ 1.82	0.90%	
Distribution Volumetric Rate	$ 3.0595	166	$ 507.88	$ 3.0870	166	$ 512.44	$ 4.57	0.90%	
Fixed Rate Riders	$ 17.63	1	$ 17.63	$ 17.63	1	$ 17.63	$ -	0.00%	
Volumetric Rate Riders	-$ 0.8725	166	$ (144.84)	-$ 0.8747	166	$ (145.20)	$ (0.37)	0.25%	
Sub-Total A (excluding pass through)			**$ 582.89**			**$ 588.91**	**$ 6.02**	**1.03%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	166	$ -	$ -	166	$ -	$ -		
CBR Class B Rate Riders	$ -	166	$ -	$ -	166	$ -	$ -		
GA Rate Riders	$ -	68,729	$ -	$ -	68,729	$ -	$ -		
Low Voltage Service Charge	$ 0.7587	166	$ 125.94	$ 0.7587	166	$ 125.94	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		166	$ -	$ -	166	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 708.84**			**$ 714.86**	**$ 6.02**	**0.85%**	
RTSR - Network	$ 1.9591	166	$ 325.21	$ 2.3834	166	$ 395.64	$ 70.43	21.66%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 1.2448	166	$ 206.64	$ 1.5621	166	$ 259.31	$ 52.67	25.49%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 1,240.68**			**$ 1,369.81**	**$ 129.13**	**10.41%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	74,296	$ 252.61	$ 0.0034	74,296	$ 252.61	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	74,296	$ 37.15	$ 0.0005	74,296	$ 37.15	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	74,296	$ 8,179.99	$ 0.1101	74,296	$ 8,179.99	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 9,710.68**			**$ 9,839.81**	**$ 129.13**	**1.33%**	
HST	13%		$ 1,262.39	13%		$ 1,279.18	$ 16.79	1.33%	
Total Bill on Average IESO Wholesale Market Price			**$ 10,973.07**			**$ 11,118.98**	**$ 145.91**	**1.33%**	

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	394	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 21.24	1	$ 21.24	$ 21.43	1	$ 21.43	$ 0.19	0.89%	
Distribution Volumetric Rate	$ 0.0016	394	$ 0.63	$ 0.0016	394	$ 0.63	$ -	0.00%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	-$ 0.0024	394	$ (0.95)	-$ 0.0025	394	$ (0.99)	$ (0.04)	4.17%	
Sub-Total A (excluding pass through)			**$ 20.92**			**$ 21.08**	**$ 0.15**	**0.72%**	
Line Losses on Cost of Power	$ 0.1101	32	$ 3.51	$ 0.1101	32	$ 3.51	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	394	$ -	$ -	394	$ -	$ -		
CBR Class B Rate Riders	$ -	394	$ -	$ -	394	$ -	$ -		
GA Rate Riders	$ -	394	$ -	$ -	394	$ -	$ -		
Low Voltage Service Charge	$ 0.0020	394	$ 0.79	$ 0.0020	394	$ 0.79	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		394	$ -	$ -	394	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 25.23**			**$ 25.38**	**$ 0.15**	**0.60%**	
RTSR - Network	$ 0.0048	426	$ 2.04	$ 0.0058	426	$ 2.47	$ 0.43	20.83%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0033	426	$ 1.41	$ 0.0041	426	$ 1.75	$ 0.34	24.24%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 28.68**			**$ 29.59**	**$ 0.92**	**3.20%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	426	$ 1.45	$ 0.0034	426	$ 1.45	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	426	$ 0.21	$ 0.0005	426	$ 0.21	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	394	$ 43.38	$ 0.1101	394	$ 43.38	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 73.97**			**$ 74.88**	**$ 0.92**	**1.24%**	
HST	13%		$ 9.62	13%		$ 9.73	$ 0.12	1.24%	
Total Bill on Average IESO Wholesale Market Price			**$ 83.58**			**$ 84.62**	**$ 1.04**	**1.24%**	

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	91,290	kWh
Demand	253	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 2.00	1195	$ 2,390.00	$ 2.02	1195	$ 2,413.90	$ 23.90	1.00%	
Distribution Volumetric Rate	$ 4.2149	253	$ 1,066.37	$ 4.2528	253	$ 1,075.96	$ 9.59	0.90%	
Fixed Rate Riders	$ -	1195	$ -	$ -	1195	$ -	$ -		
Volumetric Rate Riders	-$ 0.8532	253	$ (215.86)	-$ 0.9840	253	$ (248.95)	$ (33.09)	15.33%	
Sub-Total A (excluding pass through)			**$ 3,240.51**			**$ 3,240.91**	**$ 0.40**	**0.01%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	253	$ -	$ -	253	$ -	$ -		
CBR Class B Rate Riders	$ -	253	$ -	$ -	253	$ -	$ -		
GA Rate Riders	$ -	91,290	$ -	$ -	91,290	$ -	$ -		
Low Voltage Service Charge	$ 0.5865	253	$ 148.38	$ 0.5865	253	$ 148.38	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		253	$ -	$ -	253	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 3,388.89**			**$ 3,389.29**	**$ 0.40**	**0.01%**	
RTSR - Network	$ 1.4775	253	$ 373.81	$ 1.7975	253	$ 454.77	$ 80.96	21.66%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.9624	253	$ 243.49	$ 1.2077	253	$ 305.55	$ 62.06	25.49%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 4,006.19**			**$ 4,149.61**	**$ 143.42**	**3.58%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	98,684	$ 335.53	$ 0.0034	98,684	$ 335.53	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	98,684	$ 49.34	$ 0.0005	98,684	$ 49.34	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1195	$ 298.75	$ 0.25	1195	$ 298.75	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	98,684	$ 10,865.16	$ 0.1101	98,684	$ 10,865.16	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 15,554.97**			**$ 15,698.39**	**$ 143.42**	**0.92%**	
HST	13%		$ 2,022.15	13%		$ 2,040.79	$ 18.64	0.92%	
Total Bill on Average IESO Wholesale Market Price			**$ 17,577.12**			**$ 17,739.18**	**$ 162.06**	**0.92%**	

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 22.76	1	$ 22.76	$ 25.53	1	$ 25.53	$ 2.77	12.17%	
Distribution Volumetric Rate	$ 0.0039	750	$ 2.93	$ -	750	$ -	$ (2.93)	-100.00%	
Fixed Rate Riders	$ 0.04	1	$ 0.04	$ 0.04	1	$ 0.04	$ -	0.00%	
Volumetric Rate Riders	$ -	750	$ -	$ 0.0007	750	$ 0.53	$ 0.53		
Sub-Total A (excluding pass through)			**$ 25.73**			**$ 26.10**	**$ 0.37**	**1.44%**	
Line Losses on Cost of Power	$ 0.1101	61	$ 6.69	$ 0.1101	61	$ 6.69	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
CBR Class B Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0022	750	$ 1.65	$ 0.0022	750	$ 1.65	$ -	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)			**$ 34.63**			**$ 35.00**	**$ 0.37**	**1.07%**	
RTSR - Network	$ 0.0053	811	$ 4.30	$ 0.0064	811	$ 5.19	$ 0.89	20.75%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0036	811	$ 2.92	$ 0.0045	811	$ 3.65	$ 0.73	25.00%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 41.85**			**$ 43.84**	**$ 1.99**	**4.76%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	811	$ 2.76	$ 0.0034	811	$ 2.76	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	811	$ 0.41	$ 0.0005	811	$ 0.41	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	750	$ 82.58	$ 0.1101	750	$ 82.58	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 127.59**			**$ 129.58**	**$ 1.99**	**1.56%**	
HST	13%		$ 16.59	13%		$ 16.85	$ 0.26	1.56%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 144.17**			**$ 146.42**	**$ 2.25**	**1.56%**	

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	300	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 22.76	1	$ 22.76	$ 25.53	1	$ 25.53	$ 2.77	12.17%	
Distribution Volumetric Rate	$ 0.0039	300	$ 1.17	$ -	300	$ -	$ (1.17)	-100.00%	
Fixed Rate Riders	$ 0.04	1	$ 0.04	$ 0.04	1	$ 0.04	$ -	0.00%	
Volumetric Rate Riders	$ -	300	$ -	$ 0.0007	300	$ 0.21	$ 0.21		
Sub-Total A (excluding pass through)			**$ 23.97**			**$ 25.78**	**$ 1.81**	**7.55%**	
Line Losses on Cost of Power	$ 0.0824	24	$ 2.00	$ 0.0824	24	$ 2.00	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -		
CBR Class B Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -		
GA Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -		
Low Voltage Service Charge	$ 0.0022	300	$ 0.66	$ 0.0022	300	$ 0.66	$ -	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		300	$ -	$ -	300	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 27.20**			**$ 29.01**	**$ 1.81**	**6.65%**	
RTSR - Network	$ 0.0053	324	$ 1.72	$ 0.0064	324	$ 2.08	$ 0.36	20.75%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0036	324	$ 1.17	$ 0.0045	324	$ 1.46	$ 0.29	25.00%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 30.09**			**$ 32.55**	**$ 2.46**	**8.17%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	324	$ 1.10	$ 0.0034	324	$ 1.10	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	324	$ 0.16	$ 0.0005	324	$ 0.16	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	195	$ 12.68	$ 0.0650	195	$ 12.68	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	51	$ 4.79	$ 0.0940	51	$ 4.79	$ -	0.00%	
TOU - On Peak	$ 0.1340	54	$ 7.24	$ 0.1340	54	$ 7.24	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 56.31**			**$ 58.77**	**$ 2.46**	**4.37%**	
HST	13%		$ 7.32	13%		$ 7.64	$ 0.32	4.37%	
8% Rebate	8%		$ (4.50)	8%		$ (4.70)	$ (0.20)		
Total Bill on TOU			**$ 59.12**			**$ 61.70**	**$ 2.58**	**4.37%**	

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	300	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 22.76	1	$ 22.76	$ 25.53	1	$ 25.53	$ 2.77	12.17%	
Distribution Volumetric Rate	$ 0.0039	300	$ 1.17	$ -	300	$ -	$ (1.17)	-100.00%	
Fixed Rate Riders	$ 0.04	1	$ 0.04	$ 0.04	1	$ 0.04	$ -	0.00%	
Volumetric Rate Riders	$ -	300	$ -	$ 0.0007	300	$ 0.21	$ 0.21		
Sub-Total A (excluding pass through)			**$ 23.97**			**$ 25.78**	**$ 1.81**	**7.55%**	
Line Losses on Cost of Power	$ 0.1101	24	$ 2.68	$ 0.1101	24	$ 2.68	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -		
CBR Class B Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -		
GA Rate Riders	$ -	300	$ -	$ -	300	$ -	$ -		
Low Voltage Service Charge	$ 0.0022	300	$ 0.66	$ 0.0022	300	$ 0.66	$ -	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		300	$ -	$ -	300	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 27.88**			**$ 29.69**	**$ 1.81**	**6.49%**	
RTSR - Network	$ 0.0053	324	$ 1.72	$ 0.0064	324	$ 2.08	$ 0.36	20.75%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0036	324	$ 1.17	$ 0.0045	324	$ 1.46	$ 0.29	25.00%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 30.76**			**$ 33.22**	**$ 2.46**	**7.99%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	324	$ 1.10	$ 0.0034	324	$ 1.10	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	324	$ 0.16	$ 0.0005	324	$ 0.16	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	300	$ 33.03	$ 0.1101	300	$ 33.03	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 65.06**			**$ 67.52**	**$ 2.46**	**3.78%**	
HST	13%		$ 8.46	13%		$ 8.78	$ 0.32	3.78%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 73.51**			**$ 76.29**	**$ 2.78**	**3.78%**	

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	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 31.86	1	$ 31.86	$ 32.15	1	$ 32.15	$ 0.29	0.91%	
Distribution Volumetric Rate	$ 0.0156	2000	$ 31.20	$ 0.0157	2000	$ 31.40	$ 0.20	0.64%	
Fixed Rate Riders	$ 3.40	1	$ 3.40	$ 3.40	1	$ 3.40	$ -	0.00%	
Volumetric Rate Riders	-$ 0.0024	2000	$ (4.80)	-$ 0.0026	2000	$ (5.20)	$ (0.40)	8.33%	
Sub-Total A (excluding pass through)			**$ 61.66**			**$ 61.75**	**$ 0.09**	**0.15%**	
Line Losses on Cost of Power	$ 0.1101	162	$ 17.84	$ 0.1101	162	$ 17.84	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
CBR Class B Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0020	2,000	$ 4.00	$ 0.0020	2,000	$ 4.00	$ -	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)			**$ 84.07**			**$ 84.16**	**$ 0.09**	**0.11%**	
RTSR - Network	$ 0.0048	2,162	$ 10.38	$ 0.0058	2,162	$ 12.54	$ 2.16	20.83%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0033	2,162	$ 7.13	$ 0.0041	2,162	$ 8.86	$ 1.73	24.24%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 101.58**			**$ 105.56**	**$ 3.98**	**3.92%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,162	$ 7.35	$ 0.0034	2,162	$ 7.35	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,162	$ 1.08	$ 0.0005	2,162	$ 1.08	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	2,000	$ 220.20	$ 0.1101	2,000	$ 220.20	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 330.21**			**$ 334.19**	**$ 3.98**	**1.21%**	
HST	13%		$ 42.93	13%		$ 43.44	$ 0.52	1.21%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 373.14**			**$ 377.64**	**$ 4.50**	**1.21%**	

Customer Class:	Add additional scenarios if required	
RPP / Non-RPP:		
Consumption		kWh
Demand		kW
Current Loss Factor		
Proposed/Approved Loss Factor		

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge		1	$ -		1	$ -	$ -	
Distribution Volumetric Rate		0	$ -		0	$ -	$ -	
Fixed Rate Riders		1	$ -		1	$ -	$ -	
Volumetric Rate Riders		0	$ -		0	$ -	$ -	
Sub-Total A (excluding pass through)			$ -			$ -	$ -	
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders		-	$ -		-	$ -	$ -	
CBR Class B Rate Riders		-	$ -		-	$ -	$ -	
GA Rate Riders		-	$ -		-	$ -	$ -	
Low Voltage Service Charge		-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders		1	$ -		1	$ -	$ -	
Additional Volumetric Rate Riders		-	$ -		-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			$ -			$ -	$ -	
RTSR - Network		-	$ -		-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection		-	$ -		-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			$ -			$ -	$ -	
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
TOU - Off Peak	$ 0.0650	-	$ -	$ 0.0650	-	$ -	$ -	
TOU - Mid Peak	$ 0.0940	-	$ -	$ 0.0940	-	$ -	$ -	
TOU - On Peak	$ 0.1340	-	$ -	$ 0.1340	-	$ -	$ -	
Non-RPP Retailer Avg. Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Average IESO Wholesale Market Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Bill on TOU (before Taxes)			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%		$ (0.02)	8%		$ (0.02)	$ -	
Total Bill on TOU			$ 0.26			$ 0.26	$ -	0.00%
Total Bill on Non-RPP Avg. Price			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			$ 0.28			$ 0.28	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%			8%				
Total Bill on Average IESO Wholesale Market Price			$ 0.28			$ 0.28	$ -	0.00%

Appendix 6: GA Analysis Workform

Ontario Energy Board

GA Analysis Workform

Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells	
Drop down cells	

Utility Name RENFREW HYDRO INC.

Note 1 **Please select "Yes" in column D for any year being requested for disposition**

2014	**No**
2015	**No**
2016	**Yes**
2017	**Yes**
2018	**Yes**

Note 7 **Summary of GA (if multiple years requested for disposition)**

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
2016	$ (36,458)	$ (36,698)	$ -	$ (36,698)	$ (240)	$ 4,722,403	0.0%
2017	$ 53,713	$ 40,670	$ -	$ 40,670	$ (13,043)	$ 4,262,428	-0.3%
2018	$ (54,466)	$ (82,493)	$ -	$ (82,493)	$ (28,027)	$ 3,177,134	-0.9%
Cumulative Balance	**$ (37,211)**	**$ (78,521)**	**$ -**	**$ (78,521)**	**$ (41,310)**	**$ 12,161,965**	**N/A**

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GA Analysis Workform

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

Year		2016		
Total Metered excluding WMP	C = A+B	85,946,976	kWh	100%
RPP	A	41,161,876	kWh	47.9%
Non RPP	B = D+E	44,785,100	kWh	52.1%
Non-RPP Class A	D		kWh	0.0%
Non-RPP Class B*	E	44,785,100	kWh	52.1%

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

Note 3 **GA Billing Rate**

GA is billed on the 1st Estimate

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

Note 4 **Analysis of Expected GA Amount**

Year **2016**

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	3,844,252	3,844,252	4,218,190	4,218,190	0.08423	$ 355,298	0.09179	$ 387,188	$ 31,890
February	4,218,190	4,218,190	4,022,008	4,022,008	0.10384	$ 417,645	0.09851	$ 396,208	$ (21,437)
March	4,022,008	4,022,008	4,091,521	4,091,521	0.09022	$ 369,137	0.10610	$ 434,110	$ 64,973
April	4,091,521	4,091,521	3,704,788	3,704,788	0.12115	$ 448,835	0.11132	$ 412,417	$ (36,418)
May	3,704,788	3,704,788	3,897,548	3,897,548	0.10405	$ 405,540	0.10749	$ 418,947	$ 13,408
June	3,897,548	3,897,548	4,276,838	4,276,838	0.11650	$ 498,252	0.09545	$ 408,224	$ (90,027)
July	4,276,838	4,276,838	4,431,669	4,431,669	0.07667	$ 339,776	0.08306	$ 368,094	$ 28,318
August	4,431,669	4,431,669	4,247,091	4,247,091	0.08569	$ 363,933	0.07103	$ 301,671	$ (62,262)
September	4,247,091	4,247,091	3,951,010	3,951,010	0.07060	$ 278,941	0.09531	$ 376,571	$ 97,629
October	3,951,010	3,951,010	3,867,756	3,867,756	0.09720	$ 375,946	0.11226	$ 434,194	$ 58,248
November	3,867,756	3,867,756	3,954,140	3,954,140	0.12271	$ 485,213	0.11109	$ 439,265	$ (45,947)
December	3,954,140	3,954,140	3,967,759	3,967,759	0.10594	$ 420,344	0.08708	$ 345,512	$ (74,832)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	**48,506,811**	**48,506,811**	**48,630,318**	**48,630,318**		**$ 4,758,860**		**$ 4,722,403**	**$ (36,458)**

Calculated Loss Factor **1.0859**

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments		
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	$ (36,698)		**Principal Adjustment on DVA Continuity Schedule**	**If "no", please provide an explanation**	**$ Principal Adjustment on DVA Continuity Schedule**
1a	True-up of GA Charges based on Actual Non-RPP Volumes - prior year					
1b	True-up of GA Charges based on Actual Non-RPP Volumes - current year					
2a	Remove prior year end unbilled to actual revenue differences					
2b	Add current year end unbilled to actual revenue differences					
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers					
3b	Add difference between current year accrual/forecast to actual from long term load transfers					
4	Remove GA balances pertaining to Class A customers					
5	Significant prior period billing adjustments recorded in current year					
6	Differences in GA IESO posted rate and rate charged on IESO invoice					
7	Differences in actual system losses and billed TLFs					
8	Others as justified by distributor					
9						
10						
				Total Principal Adjustments on DVA Continuity Schedule		$ -

Note 6

Adjusted Net Change in Principal Balance in the GL	$	(36,698)
Net Change in Expected GA Balance in the Year Per Analysis	$	(36,458)
Unresolved Difference	$	(240)
Unresolved Difference as % of Expected GA Payments to IESO		0.0%

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GA Analysis Workform

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

Year		2017		
Total Metered excluding WMP	C = A+B	85,164,725	kWh	100%
RPP	A	40,532,948	kWh	47.6%
Non RPP	B = D+E	44,631,777	kWh	52.4%
Non-RPP Class A	D	6,097,514	kWh	7.2%
Non-RPP Class B*	E	38,534,263	kWh	45.2%

*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.

Please confirm that the above RRR data is accurate Confirmed

Note 3 **GA Billing Rate**

GA is billed on the 1st Estimate

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

Note 4 **Analysis of Expected GA Amount**

Year 2017

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed ($/kWh)	$ Consumption at GA Rate Billed	GA Actual Rate Paid ($/kWh)	$ Consumption at Actual Rate Paid	Expected GA Variance ($)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	3,967,759	3,967,759	4,229,635	4,229,635	0.06687	$ 282,836	0.08227	$ 347,972	$ 65,136
February	4,229,635	4,229,635	3,826,457	3,826,457	0.10559	$ 404,036	0.08639	$ 330,568	$ (73,468)
March	3,826,457	3,826,457	4,423,949	4,423,949	0.08409	$ 372,010	0.07135	$ 315,649	$ (56,361)
April	4,423,949	4,423,949	3,662,473	3,662,473	0.06874	$ 251,758	0.10778	$ 394,741	$ 142,983
May	3,662,473	3,662,473	3,913,895	3,913,895	0.10623	$ 415,773	0.12307	$ 481,683	$ 65,910
June	3,913,895	3,913,895	4,095,750	4,095,750	0.11954	$ 489,606	0.11848	$ 485,264	$ (4,341)
July	4,095,750	4,095,750	3,399,234	3,399,234	0.10652	$ 362,086	0.11280	$ 383,434	$ 21,347
August	3,399,234	3,399,234	3,056,930	3,056,930	0.11500	$ 351,547	0.10109	$ 309,025	$ (42,522)
September	3,056,930	3,056,930	2,968,988	2,968,988	0.12739	$ 378,219	0.08864	$ 263,171	$ (115,048)
October	2,968,988	2,968,988	2,937,199	2,937,199	0.10212	$ 299,947	0.12563	$ 369,000	$ 69,054
November	2,937,199	2,937,199	3,040,927	3,040,927	0.11164	$ 339,489	0.09704	$ 295,092	$ (44,398)
December	3,040,927	3,040,927	3,115,339	3,115,339	0.08391	$ 261,408	0.09207	$ 286,829	$ 25,421
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	**43,523,196**	**43,523,196**	**42,670,776**	**42,670,776**		**$ 4,208,715**		**$ 4,262,428**	**$ 53,713**

Calculated Loss Factor **1.1073**

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments		
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	$ 40,670		**Principal Adjustment on DVA Continuity Schedule**	**If "no", please provide an explanation**	**$ Principal Adjustment on DVA Continuity Schedule**
1a	True-up of GA Charges based on Actual Non-RPP Volumes - prior year					
1b	True-up of GA Charges based on Actual Non-RPP Volumes - current year					
2a	Remove prior year end unbilled to actual revenue differences					
2b	Add current year end unbilled to actual revenue differences					
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers					
3b	Add difference between current year accrual/forecast to actual from long term load transfers					
4	Remove GA balances pertaining to Class A customers					
5	Significant prior period billing adjustments recorded in current year					
6	Differences in GA IESO posted rate and rate charged on IESO invoice					
7	Differences in actual system losses and billed TLFs					
8	Others as justified by distributor					
9						
10						

Total Principal Adjustments on DVA Continuity Schedule $ -

Note 6

Adjusted Net Change in Principal Balance in the GL	$ 40,670
Net Change in Expected GA Balance in the Year Per Analysis	$ 53,713
Unresolved Difference	$ (13,043)
Unresolved Difference as % of Expected GA Payments to IESO	-0.3%

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GA Analysis Workform

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

Year		2018		
Total Metered excluding WMP	C = A+B	86,792,704	kWh	100%
RPP	A	42,302,019	kWh	48.7%
Non RPP	B = D+E	44,490,685	kWh	51.3%
Non-RPP Class A	D	12,237,109	kWh	14.1%
Non-RPP Class B*	E	32,253,576	kWh	37.2%

*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.

Please confirm that the above RRR data is accurate Confirmed

Note 3 **GA Billing Rate**

GA is billed on the 1st Estimate

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

Note 4 **Analysis of Expected GA Amount**

Year 2018

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	3,115,339	3,115,339	3,262,511	3,262,511	0.08777	$ 286,351	0.06736	$ 219,763	$ (66,588)
February	3,262,511	3,262,511	2,757,977	2,757,977	0.07333	$ 202,242	0.08167	$ 225,244	$ 23,002
March	2,757,977	2,757,977	3,003,106	3,003,106	0.07877	$ 236,555	0.09481	$ 284,724	$ 48,170
April	3,003,106	3,003,106	2,747,027	2,747,027	0.09810	$ 269,483	0.09959	$ 273,576	$ 4,093
May	2,747,027	2,747,027	2,815,783	2,815,783	0.09392	$ 264,458	0.10793	$ 303,907	$ 39,449
June	2,815,783	2,815,783	2,718,914	2,718,914	0.13336	$ 362,594	0.11896	$ 323,442	$ (39,152)
July	2,718,914	2,718,914	3,038,020	3,038,020	0.08502	$ 258,292	0.07737	$ 235,052	$ (23,241)
August	3,038,020	3,038,020	3,065,100	3,065,100	0.07790	$ 238,771	0.07490	$ 229,576	$ (9,195)
September	3,065,100	3,065,100	2,727,741	2,727,741	0.08424	$ 229,785	0.08584	$ 234,149	$ 4,364
October	2,727,741	2,727,741	2,802,033	2,802,033	0.08921	$ 249,969	0.12059	$ 337,897	$ 87,928
November	2,802,033	2,802,033	2,921,945	2,921,945	0.12235	$ 357,500	0.09855	$ 287,958	$ (69,542)
December	2,921,945	2,921,945	2,996,293	2,996,293	0.09198	$ 275,599	0.07404	$ 221,846	$ (53,753)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	**34,975,496**	**34,975,496**	**34,856,450**	**34,856,450**		**$ 3,231,601**		**$ 3,177,134**	**$ (54,466)**

Calculated Loss Factor **1.0807**

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments		
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	$ (82,493)		**Principal Adjustment on DVA Continuity Schedule**	**If "no", please provide an explanation**	**$ Principal Adjustment on DVA Continuity Schedule**
1a	True-up of GA Charges based on Actual Non-RPP Volumes - prior year					
1b	True-up of GA Charges based on Actual Non-RPP Volumes - current year					
2a	Remove prior year end unbilled to actual revenue differences					
2b	Add current year end unbilled to actual revenue differences					
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers					
3b	Add difference between current year accrual/forecast to actual from long term load transfers					
4	Remove GA balances pertaining to Class A customers					
5	Significant prior period billing adjustments recorded in current year					
6	Differences in GA IESO posted rate and rate charged on IESO invoice					
7	Differences in actual system losses and billed TLFs					
8	Others as justified by distributor					
9						
10						

Total Principal Adjustments on DVA Continuity Schedule $ -

Note 6

Adjusted Net Change in Principal Balance in the GL	$ (82,493)
Net Change in Expected GA Balance in the Year Per Analysis	$ (54,466)
Unresolved Difference	$ (28,027)
Unresolved Difference as % of Expected GA Payments to IESO	-0.9%

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Appendix A
GA Methodology Description
Questions on Accounts 1588 & 1589[1]

1. Please complete the Table below for principal adjustments on the DVA Continuity Schedule for Account 1588:

Reconciliation of Account 1588 - 2018

	Principal Adjustments	Was the amount a "Principal Adjustment" in the previous year? (Y/N)
G/L Balance December 31, 2018	(42,789)	
Reversals of Principal Adjustments - previous year		
1. Reversal of Cost of Power accrual from previous year		
2. Reversal of CT 1142 true-up from the previous year		
3. Unbilled to billed adjustment for previous year		
4. Reversal of RPP vs. Non-RPP allocation		
Sub-Total Reversals from previous year (A):		
Principal Adjustments - current year		
5. Cost of power accrual for 2018 vs Actual per IESO bill		
6. True-up of CT 1142 for 2018 consumption recorded in 2019 GL		
7. Unbilled accrued vs. billed for 2018 consumption		
8. True-up of RPP vs. Non-RPP allocation of CT 148 based on actual 2018 consumption		
9. Other		
Sub-Total Principal Adjustments for 2018 consumption (B)		
Total Principal Adjustments shown for 2018 (A + B)		
Bal. For Disposition - 1588 (should match Total Claim column on DVA Continuity Schedule (before projected interest)	(42,789)	

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

10. In booking expense journal entries for Charge Type (CT) 1142 and CT 148 from the IESO invoice, please confirm which of the following approaches is used:
    a. CT 1142 is booked into Account 1588. CT 148 is pro-rated based on RPP/non-RPP consumption and then booked into Account 1588 and 1589 respectively.
    b. CT 148 is booked into Account 1589. The portion of CT 1142 equaling RPP minus HOEP for RPP consumption is booked into Account 1588. The portion of CT 1142 equaling GA RPP is credited into Account 1589.
    c. If another approach is used, please explain in detail.
    d. Was the approach described in response to the above questions used consistently for all years for which variances are proposed for disposition? If not, please discuss.

Renfrew Hydro Inc. (RHI) is an embedded distributor and therefore receives monthly invoices for power consumption from its host distributor Hydro One. RHI also submits the monthly settlement forms to Hydro One.

In booking expense journal entries, RHI confirms that approach (a.) is used to book electricity costs. Charge Type CT 1142 (OFHP RPP Settlement Amount) is booked into Account 1588 and CT 148 (Class B-Global Adjustment) is pro-rated based on RPP/non-RPP consumption and booked into Account 1588 and 1589 respectively.

RHI confirms the approach described above was used consistently for all years for which variances exist in the total claim column on the Deferral/Variance Continuity Schedule.

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

When completing the monthly submissions for IESO settlements, RHI uses a top down approach. RHI starts by collecting the current month's wholesale metering data from our third-party meter management vendor, Utilismart. The embedded generation is then added to calculate the total load (kWh) purchased. The current month's Class A customer volumes are removed and can be determined directly

from the meter management data. The remaining balance is the consumption for Class B customers. The split between RPP and non-RPP consumption of Class B customers must be estimated. The current month's billing data is used to estimate the split. It is an estimate because the current month's billing data is based on the prior month's consumption. Actual volumes between RPP and non-RPP are not available at the time the settlement is due. RHI uses these estimated RPP volumes to calculate the RPP related GA costs. The first estimate of the GA is used for this initial calculation, but once the actual GA rate is known, an adjustment is made to true-up in the following month.

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

RHI trues up the difference between the GA first estimate and actual GA the following month, once the final rate is known. RHI also calculates a true up on the estimated RPP volumes every quarter using actual volumes obtained from the CIS billing data. RHI is able to use actual TOU and Tier volumes for this true up.

c. Has CT 1142 been trued up for with the IESO for all of 2018?

RHI confirms CT1142 has been trued up with the IESO for all of 2018.

d. Which months from 2018 were trued up in 2019?

RHI trued up September, October, and December 2018 in 2019.

i. Were these true ups recorded in the 2018 or 2019 balance in the General Ledger?

The 2018 true ups performed in 2019 were recorded in the 2018 General Ledger before the year end was finalized.

e. Have all of the 2018 related true-up been reflected in the applicant's DVA Continuity Schedule in this proceeding?

RHI confirms that all of the 2018 related true-ups have been reflected in the DVA Continuity Schedule submitted in this proceeding.

12. Questions on CT 148

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

RHI uses actual monthly volumes obtained from the billing data within our CIS Northstar software to determine the RPP and Non-RPP kWhs. The Global Adjustment charges (CT 148) are then allocated proportionally between account 1588 and 1589.

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

RHI does not find it necessary to true up the GA related expenses because actual volumes (from billing data) are used to determine the split when posting the GA costs between RPP and non-RPP. RHI does use the OEB GA model to ensure the GA variance each month is reasonable. RHI also tracks all consumption each month split between RPP, non-RPP, and Class A from the billing stats and compares the total to wholesale purchases to ensure there are no material differences.

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

As mentioned in (a) and (b) RHI uses actual volumes from the billing data of the applicable consumption month to determine the non-RPP kWh volumes. These volumes are used and multiplied with actual GA per kWh rate to record the GA expense proportionally between account 1588 and 1589.

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

RHI uses actual consumption data to calculate GA (CT 148) costs between 1588 and 1589 and therefore does not require true ups.

e. Please indicate which months from 2018 were trued up in 2019 for CT 148 proportions between RPP and non-RPP.

RHI did not require a 2018 true up in 2019 for CT 148 as explained in (a-d).

i. Were these true ups recorded in the 2018 or 2019 balance in the General Ledger?

N/A - (see above).

f. Are all true-ups for 2018 consumption reflected in the DVA Continuity Schedule?

RHI confirms no true up for CT 148 was necessary (see above).

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

<u>Questions on Principal Adjustments - Accounts 1588 and 1589</u>

a. Did the applicant have principal adjustments in its 2019 rate proceeding which were approved for disposition?

RHI confirms there were no principal adjustments in its 2019 rate proceeding which were approved for disposition.

b. If yes, please provide a break-down of the total amount of principal adjustments that were approved (e.g. true-up of unbilled, true up of CT 1142, true up of CT 148 etc.) for each of Accounts 1588 and 1589.

RHI confirms no principal adjustments were included.

c. Has the applicant reversed the adjustment approved in 2019 rates in its current proposed amount for disposition?
NB: only the principal adjustments amounts that were disposed in the previous proceeding should be reversed in this proceeding. For example, if no amount related to unbilled to billed adjustment for 2018 consumption

was included in 2019 proceeding, this amount should not be included as a "reversal" from previous year.

RHI confirms there were no adjustments approved in 2019 rates that required a reversal.

d. Please confirm that the allocation of charge type 148 has been trued up to actual proportion of RPP/non-RPP consumption in the GL.

RHI confirms that the allocation of charge type 148 has been posted to the GL based on the actual proportion of RPP/non-RPP.

Appendix 7: 1595 Analysis Workform

Ontario Energy Board

1595 Analysis Workform

Version 1.0

Account 1595 Analysis Workform

Input cells	
Drop down cells	

Utility Name Renfrew Hydro Inc. **Utility name must be selected**

Please select "yes" for the 1595 Rate Years being Requested for Disposition

2012	Yes
2013	No
2014	No
2015	No
2016	No
2017	Yes

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1595 Analysis Workform

Step 1

Components of the 1595 Account Balances:		Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment		-$242,345	-$1,736	-$244,081	-$232,500	-$11,581	-$1,915	**-$13,496**	**4.7%**
Account 1589 - Global Adjustment		$128,546	$14,739	$143,285	$131,750	$11,536	$746	**$12,282**	**8.1%**
Total Group 1 and Group 2 Balances		-$113,799	$13,003	-$100,796	-$100,751	-$45	-$1,169	**-$1,214**	**0.0%**
							Total residual balance per continuity schedule:	-$1,214	
							Difference (any variance should be explained):	**$0**	

*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

Additional Notes and Comments

Note - did not include projected carrying charges for 2019 in residual balance for this Workform. Ending Total Residual Balances agree with the Dec-31-18 G/L Balances.

Ontario Energy Board

1595 Analysis Workform

Step 1

Components of the 1595 Account Balances:		Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment		$200,777	-$18,800	$181,977	$171,194	$10,783	$2,134	**$12,917**	**5.9%**
Account 1589 - Global Adjustment		$175,602	$3,483	$179,085	$164,658	$14,427	$1,186	**$15,614**	**8.1%**
Total Group 1 and Group 2 Balances		$376,380	-$15,317	$361,062	$335,852	$25,211	$3,321	**$28,531**	**7.0%**
							Total residual balance per continuity schedule:	$28,531	
							Difference (any variance should be explained):	**$0**	

*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

Additional Notes and Comments

Note - did not include projected carrying charges for 2019 in residual balance for this Workform. Ending Total Residual Balances agree with the Dec-31-18 G/L Balances.

Appendix 8: LRAMVA

Ontario Energy Board

Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 4.0 (2020)

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.

Ontario Energy Board

LRAMVA Work Form: Instructions

Version 4.0 (2020)

Tab	Instructions
LRAMVA Checklist/Schematic Tab	The LRAMVA work form was created in a generic manner for use by all LDCs. There are some elements that are not applicable at this time (i.e. 2019 and 2020 related components) but have been included in an effort to avoid major updates in the future. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below: 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)	Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following: 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).

Ontario Energy Board

LRAMVA Work Form: Checklist and Schematic

Version 4.0 (2020)

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. There are some elements that are not applicable at this time (i.e., 2019 and 2020 related components). These have been included (but hidden in the work form) in an effort to avoid major updates in the future. 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 each year. 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)
x Allocation % to Rate Class	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		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA ($) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges ($) by Rate Class	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 4.0 (2020)

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

LDC Name	Renfrew Hydro 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-2016-0166
Application of Previous LRAMVA Claim	2017 COSApplication
Period of LRAMVA Claimed in Previous Application	2011-2015
Amount of LRAMVA Claimed in Previous Application	$ 65,154.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2019-0065
Application of Current LRAMVA Claim	2020 IRM Application
Period of New LRAMVA in this Application	2016-2018
Period of Rate Recovery (# years)	1

Actual Lost Revenues ($)	A	**$ 47,095**
Forecast Lost Revenues ($)	B	**$ 30,109**
Carrying Charges ($)	C	**$ 995**
LRAMVA ($) for Account 1568	A-B+C	**$ 17,981**

C. Documentation of Changes

Original Amount	
Amount for Final Disposition	

Table 1-a. LRAMVA Totals by Rate Class

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

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. 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	$24,689	$1,014	$25,704
GS<50 kW	kWh	$92	-$77	$15
GS"50kW	kW	$5,409	$74	$5,483
USL	kWh	-$14	-$1	-$14
Streetlights	kW	-$382	-$15	-$398
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
Total		**$29,795**	**$995**	**$30,790**

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"50kW	USL	Streetlights										Total
		kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
2011 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2011 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2012 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2012 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2013 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2013 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2014 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2014 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2015 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2015 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2016 Actuals	☐	$8,411.84	$325.87	$1,490.68	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$10,228.39
2016 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2017 Actuals	☐	$13,106.14	$1,219.64	$5,352.41	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$19,678.19
2017 Forecast		($6,133.27)	($3,314.09)	($6,230.76)	($8.00)	($220.98)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($15,907.10)
Amount Cleared																
2018 Actuals		$8,988.74	$2,582.34	$5,617.08	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$17,188.16
2018 Forecast		($4,159.96)	($3,335.75)	($6,538.86)	($5.79)	($161.15)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($14,201.51)
Amount Cleared																
Carrying Charges		$1,014.38	($77.01)	$73.71	($0.56)	($15.48)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$995.04
Total LRAMVA Balance		**$21,228**	**-$2,599**	**-$236**	**-$14**	**-$398**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$17,981**

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

Ontario Energy Board

LRAMVA Work Form: Summary of Changes

Version 4.0 (2020)

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.				

Ontario Energy Board

LRAMVA Work Form: Forecast Lost Revenues

Version 4.0 (2020)

Legend

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

Table 2-a. LRAMVA Threshold 2017

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

	Total	Residential	GS<50 kW	GS"50kW	USL	Streetlights									
		kWh	kWh	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	1,573,384	533,328	216,607	800,737	2,759	19,953									
kW	2,215			2176		39									
Summary		533328	216607	2175.848791	2759	38.69265799	0	0	0	0	0	0	0	0	0

Years Included in Threshold		45032810		1122118	Board Approved Load Forecast (kWh)
Source of Threshold	20XX Settlement Agreement, p. X	122368		2176	Board Approved Load Forecast (kW)
		0.002717308		0.00193919	Converting to kW

Table 2-b. LRAMVA Threshold

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

	Total	Residential	GS<50 kW	GS"50kW	USL	Streetlights									
		kWh	kWh	kW	kWh	kW	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	20XX 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"50kW	USL	Streetlights									
		kWh	kWh	kW	kWh	kW	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		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	2017	533,328	216,607	2,176	2,759	39	0	0	0	0	0	0	0	0	0
2018	2017	533,328	216,607	2,176	2,759	39	0	0	0	0	0	0	0	0	0

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

Ontario Energy Board

LRAMVA Work Form: Distribution Rates

Version 4.0 (2020)

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-2009-0146	EB-2010-0112	EB-2011-0195	EB-2012-0163	EB-2013-0168	EB-2014-0110	EB-2015-XXXX	EB-2016-0166	EB-2017-0072	EB-2018-0064	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)							*4*	*4*					
Period 2 (# months)		*8*	*8*	*8*	*8*	*8*	*8*	*8*	*12*	*12*	*12*	*12*	*12*
Residential		$ 0.0149	$ 0.0146	$ 0.0144	$ 0.0142	$ 0.0144	$ 0.0145	$ 0.0145	$ 0.0115	$ 0.0078	$ 0.0039		
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		$ 0.0149	$ 0.0146	$ 0.0144	$ 0.0142	$ 0.0144	$ 0.0145	$ 0.0145	$ 0.0115	$ 0.0078	$ 0.0039	$ -	
Calendar year equivalent			**$ 0.0097**	**$ 0.0096**	**$ 0.0095**	**$ 0.0096**	**$ 0.0145**	**$ 0.0145**	**$ 0.0115**	**$ 0.0078**	**$ 0.0039**	**$ -**	
GS<50 kW		$ 0.0132	$ 0.0133	$ 0.0134	$ 0.0135	$ 0.0136	$ 0.0137	$ 0.0137	$ 0.0153	$ 0.0154	$ 0.0156		
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		$ 0.0132	$ 0.0133	$ 0.0134	$ 0.0135	$ 0.0136	$ 0.0137	$ 0.0137	$ 0.0153	$ 0.0154	$ 0.0156	$ -	
Calendar year equivalent			**$ 0.0089**	**$ 0.0089**	**$ 0.0090**	**$ 0.0091**	**$ 0.0137**	**$ 0.0137**	**$ 0.0153**	**$ 0.0154**	**$ 0.0156**	**$ -**	
GS"50kW		$ 2.1683	$ 2.2841	$ 2.3903	$ 2.4807	$ 2.5080	$ 2.5331	$ 2.5331	$ 2.8636	$ 3.0052	$ 3.0595		
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		$ 2.1683	$ 2.2841	$ 2.3903	$ 2.4807	$ 2.5080	$ 2.5331	$ 2.5331	$ 2.8636	$ 3.0052	$ 3.0595	$ -	
Calendar year equivalent			**$ 1.5227**	**$ 1.5935**	**$ 1.6538**	**$ 1.6720**	**$ 2.5247**	**$ 2.5331**	**$ 2.8636**	**$ 3.0052**	**$ 3.0595**	**$ -**	
USL		$ 0.0074	$ 0.0081	$ 0.0090	$ 0.0097	$ 0.0098	$ 0.0099	$ 0.0099	$ 0.0029	$ 0.0021	$ 0.0016		
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		$ 0.0074	$ 0.0081	$ 0.0090	$ 0.0097	$ 0.0098	$ 0.0099	$ 0.0099	$ 0.0029	$ 0.0021	$ 0.0016	$ -	
Calendar year equivalent			**$ 0.0054**	**$ 0.0060**	**$ 0.0065**	**$ 0.0065**	**$ 0.0099**	**$ 0.0099**	**$ 0.0029**	**$ 0.0021**	**$ 0.0016**	**$ -**	
Streetlights		$ 3.6732	$ 4.8878	$ 6.0432	$ 7.0984	$ 7.1765	$ 7.2483	$ 7.2483	$ 5.7112	$ 4.1649	$ 4.2149		
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		$ 3.6732	$ 4.8878	$ 6.0432	$ 7.0984	$ 7.1765	$ 7.2483	$ 7.2483	$ 5.7112	$ 4.1649	$ 4.2149	$ -	
Calendar year equivalent			**$ 3.2585**	**$ 4.0288**	**$ 4.7323**	**$ 4.7843**	**$ 7.2244**	**$ 7.2483**	**$ 5.7112**	**$ 4.1649**	**$ 4.2149**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. **Please clear the rates related to the year(s) that are not part of the LRAMVA claim.**

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

Year	Residential	GS<50 kW	GS"50kW	USL	Streetlights									
	kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0
2011														
2012														
2013														
2014														
2015														
2016	$0.0145	$0.0137	$2.5331	$0.0099	$7.2483	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2017	$0.0115	$0.0153	$2.8636	$0.0029	$5.7112	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2018	$0.0078	$0.0154	$3.0052	$0.0021	$4.1649	$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

Ontario Energy Board

LRAMVA Work Form:
2011 - 2014 Lost Revenues Work Form

Version 4.0 (2020)

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 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back 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. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 4-a. 2011 Lost Revenues
Table 4-b. 2012 Lost Revenues
Table 4-c. 2013 Lost Revenues
Table 4-d. 2014 Lost Revenues

Table 4-a. 2011 Lost Revenues Work Form

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA													
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Residential	GS<50 kW	GS"50kW	USL	Streetlights										Total
	Consumer Program																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																					
10	Retrofit	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																									0%
	Adjustment to 2011 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																					
18	Process & System Upgrades	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																					
23	Home Assistance Program	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																					
24	Home Assistance Program	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																									0%
	Adjustment to 2011 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																					
26	Electricity Retrofit Incentive Program	Verified											12																									0%

	Adjustment to 2011 savings	True-up											12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified											12																			0%
	Adjustment to 2011 savings	True-up											12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified											0																			0%
	Adjustment to 2011 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified											0																			0%
	Adjustment to 2011 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified											0																			0%
	Adjustment to 2011 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																															
31	Program Enabled Savings	Verified											0																			0%
	Adjustment to 2011 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified											0																			0%
	Adjustment to 2011 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified											12																			0%
	Adjustment to 2011 savings	True-up											12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2011		**0**											**0**					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2011																		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2011																		$0.00000	$0.00000	$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 2011 from 2011 programs																		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2011																		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2011																															**$0.00**
	2011 Savings Persisting in 2012																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2013																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2014																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2015																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2016																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2017																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2018																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2019																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2020																		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-b. 2012 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Residential	GS<50 kW	GS"50kW	USL	Streetlights										Total
	Consumer Program																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																						
10	Retrofit	Verified											12																										0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified											12																										0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																										0%
	Adjustment to 2012 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12																										0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified											12																										0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																						
18	Process & System Upgrades	Verified											12																										0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																										0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified											12																										0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																										0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																						
23	Home Assistance Program	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																						
24	Home Assistance Program	Verified																																					0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																										0%
	Adjustment to 2012 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																						
26	Electricity Retrofit Incentive Program	Verified											12																										0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

27	High Performance New Construction	Verified											12															0%
	Adjustment to 2012 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified											0															0%
	Adjustment to 2012 savings	True-up											0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified											0															0%
	Adjustment to 2012 savings	True-up											0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified											0															0%
	Adjustment to 2012 savings	True-up											0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																											
31	Program Enabled Savings	Verified											0															0%
	Adjustment to 2012 savings	True-up											0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified											0															0%
	Adjustment to 2012 savings	True-up											0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified											12															0%
	Adjustment to 2012 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2012		**0**											**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2012														**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2012														$0.00000	$0.00000	$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 2012 from 2011 programs														$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2012 from 2012 programs														$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2012														**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2012														**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2012																											**$0.00**
	2012 Savings Persisting in 2013														0	0	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2014														0	0	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2015														0	0	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2016														0	0	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2017														0	0	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2018														0	0	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2019														0	0	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2020														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 Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Residential	GS<50 kW	GS"50kW	USL	Streetlights										Total
	Consumer Program																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	0
1	Appliance Retirement	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																						
10	Retrofit	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																										0%
	Adjustment to 2013 savings	True-up											3		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																						
18	Process & System Upgrades	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																						
23	Home Assistance Program	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																						
24	Home Assistance Program	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																										0%
	Adjustment to 2013 savings	True-up											0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																						
26	Electricity Retrofit Incentive Program	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

28	Toronto Comprehensive	Verified											0																		0%
	Adjustment to 2013 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified											0																		0%
	Adjustment to 2013 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified											0																		0%
	Adjustment to 2013 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																														
31	Program Enabled Savings	Verified											0																		0%
	Adjustment to 2013 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified											0																		0%
	Adjustment to 2013 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified											12																		0%
	Adjustment to 2013 savings	True-up											12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2013		**0**											**0**					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2013																		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2013																		$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2013 from 2011 programs																		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2013 from 2012 programs																		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2013 from 2013 programs																		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2013																		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2013																		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2013																															**$0.00**
	2013 Savings Persisting in 2014																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2015																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2016																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2017																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2018																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2019																		0	0	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2020																		0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form Return to Top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Residential	GS<50 kW	GS"50kW	USL	Streetlights										Total
	Consumer Program																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																						
10	Retrofit	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																										0%
	Adjustment to 2014 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																						
18	Process & System Upgrades	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																						
23	Home Assistance Program	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																						
24	Home Assistance Program	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																										0%
	Adjustment to 2014 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																						
26	Electricity Retrofit Incentive Program	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified											0																										0%

	Adjustment to 2014 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified		0																0%
	Adjustment to 2014 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified		0																0%
	Adjustment to 2014 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																			
31	Program Enabled Savings	Verified		0																0%
	Adjustment to 2014 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified		0																0%
	Adjustment to 2014 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified		12																0%
	Adjustment to 2014 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2014		**0**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2014					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2014					$0.00000	$0.00000	$0.00000	$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 2014 from 2011 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2014 from 2012 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2014 from 2013 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2014 from 2014 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2014					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2014					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2014																			**$0.00**
	2014 Savings Persisting in 2015					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2016					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2017					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2018					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2019					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2020					0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Ontario Energy Board

LRAMVA Work Form:
2015 - 2020 Lost Revenues Work Form

Version 4.0 (2020)

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 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 5-a. 2015 Lost Revenues
Table 5-b. 2016 Lost Revenues
Table 5-c. 2017 Lost Revenues
Table 5-d. 2018 Lost Revenues
Table 5-e. 2019 Lost Revenues
Table 5-f. 2020 Lost Revenues

Table 5-a. 2015 Lost Revenues Work Form

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Residential	GS<50 kW	GS"50kW	USL	Streetlights										Total
	Legacy Framework																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Residential Program																																					
1	Coupon Initiative	Verified	56,537	56,056	56,056	56,056	56,056	56,056	56,056	55,922	55,922	55,922		4	4	4	4	4	4	4	4	4	4	100.00%														100%
	Adjustment to 2015 savings	True-up	9,530	9,415	9,415	9,415	9,415	9,415	9,415	9,413	9,413	9,413		1	1	1	1	1	1	1	1	1	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified	72,774	71,480	71,480	71,480	71,480	71,480	71,480	71,443	71,443	71,443		5	5	5	5	5	5	5	5	5	5	100.00%														100%
	Adjustment to 2015 savings	True-up	753	744	744	744	744	744	744	742	742	742												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified	7,749	7,749	7,749	7,644	3,256	0	0	0	0	0		1	1	1	1	0	0	0	0	0	0	100.00%														100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified	72,943	72,943	72,943	72,943	72,943	72,943	72,943	72,943	72,943	72,943		37	37	37	37	37	37	37	37	37	37	100.00%														100%
	Adjustment to 2015 savings	True-up	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073		1	1	1	1	1	1	1	1	1	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major	Verified																																				0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																																					
6	Energy Audit Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	94,378	94,378	94,378	94,378	94,378	94,378	93,978	93,978	93,978	92,676	12	3	3	3	3	3	3	3	3	3	3			8%	92%											100%
	Adjustment to 2015 savings	True-up	6,678	6,678	6,678	6,678	6,678	6,678	7,078	7,078	7,078	6,960	12	1	1	1	1	1	1	1	1	1	1	0.00%	8.00%	92.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified	11,838	11,838	6,948	2,583	2,583	2,583	2,583	2,583	2,583	2,583	12	3	3	2	1	1	1	1	1	1	1		100.00%													100%
	Adjustment to 2015 savings	True-up	-2,984	-2,984	1,906	1,906	1,906	1,906	1,906	1,906	1,906	1,906	12	-1	-1	0	0	0	0	0	0	0	0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified											3																									0%
	Adjustment to 2015 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified	8,496	8,496	8,496	8,496	8,496	8,496	8,496	8,496	5,896	5,896	12	1	1	1	1	1	1	1	1	1	1			100.00%												100%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																																					
14	Low Income Initiative	Verified	30,756	24,137	22,908	22,482	22,482	22,482	22,482	22,482	11,378	11,378	12	2	2	2	2	2	2	2	2	1	1	100%														100%
	Adjustment to 2015 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																					
15	Aboriginal Conservation Program	Verified											0																									0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified											0																									0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																																					
17	Conservation Fund Pilot - EnerNOC	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pliot	Verified											12																									0%

	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Conservation First Framework																																					
	Residential Province-Wide Programs																																					
21	Save on Energy Coupon Program	Verified																																				0%
	Adjustment to 2015 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
22	Save on Energy Heating and Cooling Program	Verified																																				0%
	Adjustment to 2015 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
23	Save on Energy New Construction Program	Verified																																				0%
	Adjustment to 2015 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
24	Save on Energy Home Assistance Program	Verified																																				0%
	Adjustment to 2015 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Non-Residential Province-Wide Programs																																					
25	Save on Energy Audit Funding Program	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
26	Save on Energy Retrofit Program	Verified	22,966	22,966	22,966	22,966	22,966	22,966	22,966	22,966	22,966	22,966	12	4	4	4	4	4	4	4	4	4	4		100%													100%
	Adjustment to 2015 savings	True-up	16,786	16,786	16,786	16,786	16,786	16,786	16,786	16,786	16,786	16,786	12	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
28	Save on Energy High Performance New Construction Program	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
29	Save on Energy Existing Building Commissioning Program	Verified											3																									0%
	Adjustment to 2015 savings	True-up											3										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
30	Save on Energy Process & Systems Upgrades Program	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
31	Save on Energy Monitoring & Targeting Program	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
32	Save on Energy Energy Manager Program	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Local & Regional Programs																																					
33	Business Refrigeration Local Program	Verified											0																									0%
	Adjustment to 2015 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
34	First Nation Conservation Local Program	Verified											0																									0%
	Adjustment to 2015 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
35	Social Benchmarking Local Program	Verified											0																									0%
	Adjustment to 2015 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Pilot Programs																																					
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
38	EnWin Utilities Ltd. - Re-Invest Pilo	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																																				0%
	Adjustment to 2015 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Actual CDM Savings in 2015		**410,273**											**61**									**252,115**	**16,938**	**92**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Forecast CDM Savings in 2015																						**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Distribution Rate in 2015																						$0.00000	$0.00000	$0.00000	$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 2015 from 2011 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2015 from 2012 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2015 from 2013 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2015 from 2014 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2015 from 2015 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00

Total Lost Revenues in 2015	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2015	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2015															**$0.00**
2015 Savings Persisting in 2016	243,597	16,938	92	0	0	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2017	242,368	16,938	92	0	0	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2018	241,837	12,573	92	0	0	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2019	237,449	12,573	92	0	0	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2020	234,193	12,573	92	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Residential	GS<50 kW	GS>50kW	USL	Streetlights										Total
	Legacy Framework																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Residential Program																																						
1	Coupon Initiative	Verified																																					0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2	Bi-Annual Retailer Event Initiative	Verified																																					0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
3	Appliance Retirement Initiative	Verified																																					0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
4	HVAC Incentives Initiative	Verified																																					0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
5	Residential New Construction and Major Renovation Initiative	Verified																																					0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Commercial & Institutional Program																																						
6	Energy Audit Initiative	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
7	Efficiency: Equipment Replacement Incentive Initiative	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
8	Direct Install Lighting and Water Heating Initiative	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
9	New Construction and Major Renovation Initiative	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
10	Existing Building Commissioning Incentive Initiative	Verified											3																										0%
	Adjustment to 2016 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Industrial Program																																						
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Low Income Program																																						
14	Low Income Initiative	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Other																																						
15	Aboriginal Conservation Program	Verified											0																										0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
16	Program Enabled Savings	Verified											0																										0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Conservation Fund Pilots																																						
17	Conservation Fund Pilot - EnerNOC	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
18	Loblaws Pilot	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
19	Conservation Fund Pilot - SEG	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
20	Social Benchmarking Pilot	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Conservation First Framework																																						
	Residential Province-Wide Programs																																						
21	Save on Energy Coupon Program	Verified	251,468	251,468	251,468	251,468	251,468	251,468	251,468	251,306	251,306	250,170		17	17	17	17	17	17	17	17	17	16	100.00%														100%
	Adjustment to 2016 savings	True-up	25,422	25,422	25,422	25,422	25,422	25,422	25,422	25,422	25,422	25,461		2	2	2	2	2	2	2	2	2	2	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
22	Save on Energy Heating and Cooling Program	Verified	59,640	59,640	59,640	59,640	59,640	59,640	59,640	59,640	59,640	59,640		17	17	17	17	17	17	17	17	17	17	100.00%														100%
	Adjustment to 2016 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
23	Save on Energy New Construction Program	Verified																																					0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
24	Save on Energy Home Assistance Program	Verified																																					0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Non-Residential Province-Wide Programs																																						
25	Save on Energy Audit Funding Program	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
26	Save on Energy Retrofit Program	Verified	107,754	106,951	106,951	106,951	106,951	106,951	106,951	106,951	106,951	106,951	12	42	42	42	42	42	42	42	42	42	42		6.00%	94.00%												100%
	Adjustment to 2016 savings	True-up	6,376	7,179	7,179	7,179	7,179	7,179	7,179	7,179	7,179	7,179	12	2	2	2	2	2	2	2	2	2	2	0.00%	6.00%	94.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
27	Save on Energy Small Business Lighting Program	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
28	Save on Energy High Performance New Construction Program	Verified											12																										0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		

29	Save on Energy Existing Building Commissioning Program	Verified											3																	0%
	Adjustment to 2016 savings	True-up											3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
30	Save on Energy Process & Systems Upgrades Program	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
31	Save on Energy Monitoring & Targeting Program	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
32	Save on Energy Energy Manager Program	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
	Local & Regional Programs																													
33	Business Refrigeration Local Program	Verified											0																	0%
	Adjustment to 2016 savings	True-up											0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
34	First Nation Conservation Local Program	Verified											0																	0%
	Adjustment to 2016 savings	True-up											0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
35	Social Benchmarking Local Program	Verified											0																	0%
	Adjustment to 2016 savings	True-up											0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
	Pilot Programs																													
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
38	EnWin Utilities Ltd. - Re-Invest Pilo	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																												0%
	Adjustment to 2016 savings	True-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12																	0%
	Adjustment to 2016 savings	True-up											12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
	Actual CDM Savings in 2016		**450,660**											**80**														**336,530**	**6,848**	**496**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2016																											**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2016																											$0.01450	$0.01370	$2.53310	$0.00990	$7.24830	$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 2016 from 2011 programs																											$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2012 programs																											$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2013 programs																											$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2014 programs																											$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2015 programs																											$3,532.16	$232.06	$233.45	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$3,997.66
	Lost Revenue in 2016 from 2016 programs																											$4,879.69	$93.81	$1,257.23	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$6,230.73
	Total Lost Revenues in 2016																											**$8,411.84**	**$325.87**	**$1,490.68**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$10,228.39**
	Forecast Lost Revenues in 2016																											**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2016																																									**$10,228.39**
	2016 Savings Persisting in 2017																											336,530	6,848	496	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2018																											336,530	6,848	496	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2019																											336,530	6,848	496	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2020																											336,530	6,848	496	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-c. 2017 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA													
			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Residential	GS<50 kW	GS"50kW	USL	Streetlights									Total
	Legacy Framework																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Residential Program																																						
1	Coupon Initiative	Verified																																				0%	
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2	Bi-Annual Retailer Event Initiative	Verified																																				0%	
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
3	Appliance Retirement Initiative	Verified																																				0%	
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
4	HVAC Incentives Initiative	Verified																																				0%	
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		

5	Residential New Construction and Major Renovation Initiative	Verified																															0%
	Adjustment to 2017 savings	True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Commercial & Institutional Program																																
6	Energy Audit Initiative	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
7	Efficiency: Equipment Replacement Incentive Initiative	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8	Direct Install Lighting and Water Heating Initiative	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
9	New Construction and Major Renovation Initiative	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10	Existing Building Commissioning Incentive Initiative	Verified											3																				0%
	Adjustment to 2017 savings	True-up											3									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Industrial Program																																
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Low Income Program																																
14	Low Income Initiative	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Other																																
15	Aboriginal Conservation Program	Verified											0																				0%
	Adjustment to 2017 savings	True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16	Program Enabled Savings	Verified											0																				0%
	Adjustment to 2017 savings	True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Conservation Fund Pilots																																
17	Conservation Fund Pilot - EnerNOC	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
18	Loblaws Pilot	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19	Conservation Fund Pilot - SEG	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20	Social Benchmarking Pilot	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Conservation First Framework																																
	Residential Province-Wide Programs																																
21	Save on Energy Coupon Program	Verified	229,067	184,277	184,277	184,277	184,277	184,277	184,277	184,276	184,276	183,829		16	13	13	13	13	13	13	13	13	100.00%										100%
	Adjustment to 2017 savings	True-up																					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22	Save on Energy Heating and Cooling Program	Verified	68,284	68,284	68,284	68,284	68,284	68,284	68,284	68,284	68,284	68,284		19	19	19	19	19	19	19	19	19	100.00%										100%
	Adjustment to 2017 savings	True-up																					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
23	Save on Energy Instant Discount Program	Verified	211,346	153,054	153,054	153,054	153,054	153,054	153,054	153,051	153,051	153,051		14	11	11	11	11	11	11	11	11	100.00%										100%
	Adjustment to 2017 savings	True-up																					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24	Save on Energy Home Assistance Program	Verified	49,037	49,037	49,037	49,037	49,037	49,037	49,037	49,037	49,037	48,999		4	4	4	4	4	4	4	4	4	100.00%										100%
	Adjustment to 2017 savings	True-up																					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Non-Residential Province-Wide Programs																																
25	Save on Energy Audit Funding Program	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26	Save on Energy Retrofit Program	Verified	699,111	700,883	700,883	700,883	700,883	509,917	509,917	509,917	509,917	509,917	12	116	116	116	116	116	84	84	84	84	84		8.00%	92.00%								100%
	Adjustment to 2017 savings	True-up											12										0.00%	8.00%	92.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27	Save on Energy Small Business Lighting Program	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
28	Save on Energy High Performance New Construction Program	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29	Save on Energy Existing Building Commissioning Program	Verified											3																				0%
	Adjustment to 2017 savings	True-up											3									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30	Save on Energy Process & Systems Upgrades Program	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
31	Save on Energy Monitoring & Targeting Program	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
32	Save on Energy Energy Manager Program	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Local & Regional Programs																																
33	Business Refrigeration Local Program	Verified											0																				0%
	Adjustment to 2017 savings	True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	Pool Saver Local Program	Verified	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	0										100.00%										100%
	Adjustment to 2017 savings	True-up											0										100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
35	Social Benchmarking Local Program	Verified											0																				0%
	Adjustment to 2017 savings	True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Pilot Programs																																
36	Whole Home Pilot Program	Verified	672	672	672	672	672	672	672	672	672	672	12										100.00%										100%
	Adjustment to 2017 savings	True-up											12										100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified											12																				0%
	Adjustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
38	EnWin Utilities Ltd. - Re-Invest Pilo	Verified											12																				0%

	Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12																		0%	
	Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12																		0%	
	Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12																		0%	
	Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																													0%	
	Adjustment to 2017 savings	True-up													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											12																		0%	
	Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											12																		0%	
	Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											12																		0%	
	Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											12																		0%	
	Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings	Verified											12																		0%	
	Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																		0%	
	Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12																		0%	
	Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Actual CDM Savings in 2017		**1,259,877**											**169**	**560,766**	**55,929**	**1,281**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Forecast CDM Savings in 2017														**533,328**	**216,607**	**2,176**	**2,759**	**39**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Distribution Rate in 2017														$0.01150	$0.01530	$2.86360	$0.00290	$5.71120	$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														$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
	Lost Revenue in 2017 from 2012 programs														$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
	Lost Revenue in 2017 from 2013 programs														$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
	Lost Revenue in 2017 from 2014 programs														$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
	Lost Revenue in 2017 from 2015 programs														$2,787.23	$259.16	$263.91	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$3,310.30	
	Lost Revenue in 2017 from 2016 programs														$3,870.10	$104.77	$1,421.26	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$5,396.13	
	Lost Revenue in 2017 from 2017 programs														$6,448.81	$855.71	$3,667.24	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$10,971.76	
	Total Lost Revenues in 2017														**$13,106.14**	**$1,219.64**	**$5,352.41**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$19,678.19**	
	Forecast Lost Revenues in 2017														**$6,133.27**	**$3,314.09**	**$6,230.76**	**$8.00**	**$220.98**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$15,907.10**	
	LRAMVA in 2017																													**$3,771.09**	
	2017 Savings Persisting in 2018														457,684	56,071	1,281	0	0	0	0	0	0	0	0	0	0	0	0		
	2017 Savings Persisting in 2019														457,684	56,071	1,281	0	0	0	0	0	0	0	0	0	0	0	0		
	2017 Savings Persisting in 2020														457,684	56,071	1,281	0	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 Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								Rate Allocations for LRAMVA													
			2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Residential	GS<50 kW	GS"50kW	USL	Streetlights									Total
	Legacy Framework																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Residential Program																																					
1	Coupon Initiative	Verified																																			0%	
	Adjustment to 2018 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified																																			0%	
	Adjustment to 2018 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified																																			0%	
	Adjustment to 2018 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified																																			0%	
	Adjustment to 2018 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major	Verified																																			0%	
	Adjustment to 2018 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																																					
6	Energy Audit Initiative	Verified											12																								0%	
	Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified											12																								0%	
	Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified											12																								0%	
	Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified											12																								0%	
	Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified											3																								0%	
	Adjustment to 2018 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12																								0%	
	Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12																								0%	
	Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12																								0%	

	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																															
14	Low Income Initiative	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																															
15	Aboriginal Conservation Program	Verified										0																				0%
	Adjustment to 2018 savings	True-up										0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified										0																				0%
	Adjustment to 2018 savings	True-up										0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																															
17	Conservation Fund Pilot - EnerNOC	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pilot	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																															
	Residential Province-Wide Programs																															
21	Save on Energy Coupon Program	Verified																														0%
	Adjustment to 2018 savings	True-up																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified	32,864	32,864	32,864														100.00%													100%
	Adjustment to 2018 savings	True-up																	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy Instant Discount Program	Verified	83,488	83,145	82,802														100.00%													100%
	Adjustment to 2018 savings	True-up																	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified																														0%
	Adjustment to 2018 savings	True-up																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																															
25	Save on Energy Audit Funding Program	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified	588,280	586,825	585,370							12								8.00%	92.00%											100%
	Adjustment to 2018 savings	True-up										12							0.00%	8.00%	92.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Business Refrigeration Program	Verified	45,130	45,130	45,130							3								100.00%												100%
	Adjustment to 2018 savings	True-up										3							0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																															
33	Business Refrigeration Local Program	Verified										0																				0%
	Adjustment to 2018 savings	True-up										0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified										0																				0%
	Adjustment to 2018 savings	True-up										0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified										0																				0%
	Adjustment to 2018 savings	True-up										0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																															
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilo	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																														0%
	Adjustment to 2018 savings	True-up																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified										12																				0%
	Adjustment to 2018 savings	True-up										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified										12																				0%

	Adjustment to 2018 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings	Verified											12																							0%
	Adjustment to 2018 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																							0%
	Adjustment to 2018 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings;	Verified											12																							0%
	Adjustment to 2018 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Actual CDM Savings in 2018		**749,762**											**0**								**116,352**	**92,193**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Forecast CDM Savings in 2018																					**533,328**	**216,607**	**2,176**	**2,759**	**39**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Distribution Rate in 2018																					$0.00780	$0.01540	$3.00520	$0.00210	$4.16490	$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																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2018 from 2012 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2018 from 2013 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2018 from 2014 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2018 from 2015 programs																					$1,886.33	$193.63	$276.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$2,356.92
	Lost Revenue in 2018 from 2016 programs																					$2,624.93	$105.46	$1,491.54	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$4,221.93
	Lost Revenue in 2018 from 2017 programs																					$3,569.94	$863.49	$3,848.58	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$8,282.00
	Lost Revenue in 2018 from 2018 programs																					$907.54	$1,419.77	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$2,327.31
	Total Lost Revenues in 2018																					**$8,988.74**	**$2,582.34**	**$5,617.08**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$17,188.16**
	Forecast Lost Revenues in 2018																					**$4,159.96**	**$3,335.75**	**$6,538.86**	**$5.79**	**$161.15**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$14,201.51**
	LRAMVA in 2018																																				**$2,986.65**
	2018 Savings Persisting in 2019																					116,009	92,076	0	0	0	0	0	0	0	0	0	0	0	0		
	2018 Savings Persisting in 2020																					115,665	91,960	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 Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Residential	GS<50 kW	GS"50kW	USL	Streetlights										Total
Legacy Framework																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2019		**0**											**0**										**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2019																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2019																							$0.00390	$0.01560	$3.05950	$0.00160	$4.21490	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000		
Lost Revenue in 2019 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2015 programs																							$926.05	$196.15	$281.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,404.16
Lost Revenue in 2019 from 2016 programs																							$1,312.47	$106.83	$1,518.49	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,937.78
Lost Revenue in 2019 from 2017 programs																							$1,784.97	$874.70	$3,918.12	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$6,577.79
Lost Revenue in 2019 from 2018 programs																							$452.43	$1,436.39	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,888.82
Lost Revenue in 2019 from 2019 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2019																							**$4,475.92**	**$2,614.06**	**$5,718.57**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$12,808.56**
Forecast Lost Revenues in 2019																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2019																																					**$12,808.56**
2019 Savings Persisting in 2020																							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 5-f. 2020 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Residential	GS<50 kW	GS"50kW	USL	Streetlights										Total
Legacy Framework																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2020		**0**											**0**										**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2020																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2020																							$0.00000	$0.00000	$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 2020 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2017 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2018 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2019 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2020 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2020																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2020																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2020																																					**$0.00**

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 4.0 (2020)

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 incuded 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	
2020 Q2	
2020 Q3	
2020 Q4	

Check OEB website

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

Go to Tab 1: Summary

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

Jul-15	2011-2015	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-15	2011-2015	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-15	2011-2015	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-15	2011-2015	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-15	2011-2015	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-15	2011-2015	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2015				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																		
Opening Balance for 2016				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-16	2011-2016	Q1	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-16	2011-2016	Q1	0.09%	$0.64	$0.02	$0.11	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.78
Mar-16	2011-2016	Q1	0.09%	$1.29	$0.05	$0.23	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1.56
Apr-16	2011-2016	Q2	0.09%	$1.93	$0.07	$0.34	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2.34
May-16	2011-2016	Q2	0.09%	$2.57	$0.10	$0.46	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$3.13
Jun-16	2011-2016	Q2	0.09%	$3.21	$0.12	$0.57	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$3.91
Jul-16	2011-2016	Q3	0.09%	$3.86	$0.15	$0.68	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$4.69
Aug-16	2011-2016	Q3	0.09%	$4.50	$0.17	$0.80	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$5.47
Sep-16	2011-2016	Q3	0.09%	$5.14	$0.20	$0.91	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$6.25
Oct-16	2011-2016	Q4	0.09%	$5.78	$0.22	$1.02	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$7.03
Nov-16	2011-2016	Q4	0.09%	$6.43	$0.25	$1.14	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$7.81
Dec-16	2011-2016	Q4	0.09%	$7.07	$0.27	$1.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$8.59
Total for 2016				**$42.41**	**$1.64**	**$7.52**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$51.57**
Amount Cleared																		
Opening Balance for 2017				**$42.41**	**$1.64**	**$7.52**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$51.57**
Jan-17	2011-2017	Q1	0.09%	$7.71	$0.30	$1.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$9.38
Feb-17	2011-2017	Q1	0.09%	$8.24	$0.14	$1.30	$0.00	-$0.02	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$9.66
Mar-17	2011-2017	Q1	0.09%	$8.78	-$0.02	$1.23	$0.00	-$0.03	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$9.95
Apr-17	2011-2017	Q2	0.09%	$9.31	-$0.18	$1.17	$0.00	-$0.05	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$10.24
May-17	2011-2017	Q2	0.09%	$9.84	-$0.34	$1.10	$0.00	-$0.07	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$10.53
Jun-17	2011-2017	Q2	0.09%	$10.37	-$0.50	$1.03	$0.00	-$0.08	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$10.82
Jul-17	2011-2017	Q3	0.09%	$10.91	-$0.66	$0.96	$0.00	-$0.10	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$11.10
Aug-17	2011-2017	Q3	0.09%	$11.44	-$0.82	$0.90	$0.00	-$0.12	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$11.39
Sep-17	2011-2017	Q3	0.09%	$11.97	-$0.98	$0.83	$0.00	-$0.14	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$11.68
Oct-17	2011-2017	Q4	0.13%	$17.05	-$1.56	$1.04	-$0.01	-$0.21	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$16.32
Nov-17	2011-2017	Q4	0.13%	$17.78	-$1.77	$0.95	-$0.01	-$0.23	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$16.71
Dec-17	2011-2017	Q4	0.13%	$18.50	-$1.99	$0.86	-$0.01	-$0.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$17.11
Total for 2017				**$184.32**	**-$6.75**	**$20.24**	**-$0.05**	**-$1.30**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$196.46**
Amount Cleared																		
Opening Balance for 2018				**$184.32**	**-$6.75**	**$20.24**	**-$0.05**	**-$1.30**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$196.46**
Jan-18	2011-2018	Q1	0.13%	$19.23	-$2.21	$0.77	-$0.01	-$0.28	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$17.50
Feb-18	2011-2018	Q1	0.13%	$19.73	-$2.29	$0.67	-$0.01	-$0.29	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$17.81
Mar-18	2011-2018	Q1	0.13%	$20.24	-$2.37	$0.57	-$0.01	-$0.31	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$18.12
Apr-18	2011-2018	Q2	0.16%	$26.13	-$3.08	$0.60	-$0.01	-$0.41	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$23.23
May-18	2011-2018	Q2	0.16%	$26.77	-$3.18	$0.48	-$0.02	-$0.43	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$23.62
Jun-18	2011-2018	Q2	0.16%	$27.40	-$3.28	$0.36	-$0.02	-$0.45	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$24.01
Jul-18	2011-2018	Q3	0.16%	$28.03	-$3.38	$0.24	-$0.02	-$0.47	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$24.40
Aug-18	2011-2018	Q3	0.16%	$28.67	-$3.48	$0.12	-$0.02	-$0.50	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$24.79
Sep-18	2011-2018	Q3	0.16%	$29.30	-$3.58	$0.00	-$0.02	-$0.52	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$25.19
Oct-18	2011-2018	Q4	0.18%	$34.37	-$4.22	-$0.14	-$0.02	-$0.62	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$29.37
Nov-18	2011-2018	Q4	0.18%	$35.10	-$4.33	-$0.28	-$0.02	-$0.64	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$29.82
Dec-18	2011-2018	Q4	0.18%	$35.83	-$4.45	-$0.42	-$0.02	-$0.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$30.27
Total for 2018				**$515.11**	**-$46.60**	**$23.20**	**-$0.25**	**-$6.89**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$484.58**
Amount Cleared																		
Opening Balance for 2019				**$515.11**	**-$46.60**	**$23.20**	**-$0.25**	**-$6.89**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$484.58**
Jan-19	2011-2019	Q1	0.20%	$41.27	-$5.15	-$0.63	-$0.03	-$0.78	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$34.68
Feb-19	2011-2019	Q1	0.20%	$42.03	-$4.70	$0.34	-$0.03	-$0.78	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$36.86
Mar-19	2011-2019	Q1	0.20%	$42.79	-$4.26	$1.31	-$0.03	-$0.78	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$39.04
Apr-19	2011-2019	Q2	0.18%	$38.75	-$3.39	$2.04	-$0.03	-$0.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$36.68
May-19	2011-2019	Q2	0.18%	$39.43	-$3.00	$2.90	-$0.03	-$0.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$38.61
Jun-19	2011-2019	Q2	0.18%	$40.11	-$2.60	$3.77	-$0.03	-$0.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$40.55
Jul-19	2011-2019	Q3	0.18%	$40.79	-$2.21	$4.63	-$0.03	-$0.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$42.49
Aug-19	2011-2019	Q3	0.18%	$41.46	-$1.81	$5.50	-$0.03	-$0.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$44.43
Sep-19	2011-2019	Q3	0.18%	$42.14	-$1.42	$6.36	-$0.03	-$0.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$46.37
Oct-19	2011-2019	Q4	0.18%	$42.82	-$1.02	$7.23	-$0.03	-$0.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$48.31
Nov-19	2011-2019	Q4	0.18%	$43.50	-$0.62	$8.10	-$0.03	-$0.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$50.25
Dec-19	2011-2019	Q4	0.18%	$44.17	-$0.23	$8.96	-$0.03	-$0.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$52.19
Total for 2019				**$1,014.38**	**-$77.01**	**$73.71**	**-$0.56**	**-$15.48**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$995.04**
Amount Cleared																		
Opening Balance for 2020				**$1,014.38**	**-$77.01**	**$73.71**	**-$0.56**	**-$15.48**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$995.04**
Jan-20	2011-2020	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-20	2011-2020	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-20	2011-2020	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-20	2011-2020	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-20	2011-2020	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-20	2011-2020	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2020				**$1,014.38**	**-$77.01**	**$73.71**	**-$0.56**	**-$15.48**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$995.04**
Amount Cleared																		

Ontario Energy Board

Supporting Documentation:
LDC Persistence Savings Results from IESO

Version 4.0 (2020)

Legend

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

Instructions (Steps)

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.
2. Please identify the source of the report via the dropdown list in Column I.
3. To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.
4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.
5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 3 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 6. The tables below match those provided by the IESO.

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

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB | AC | AD | AE | AF | AG | AH | AI | AJ | AK | AL | AM | AN | AO | AP | AQ | AR | AS | AT | AU | AV | AW | AX | AY | AZ | BA | BB | BC | BD | BE | BF | BG | BH | BI | BJ | BK | BL | BM | BN | BO | BP | BQ | BR | BS | BT |
|---|---|---