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).

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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.

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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"			

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LRAMVA Work Form: Summary Tab

Version 4.0 (2020)

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

LDC Name	Burlington 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-2018-0021
Application of Previous LRAMVA Claim	2019 IRM Application
Period of LRAMVA Claimed in Previous Application	2016
Amount of LRAMVA Claimed in Previous Application	$ 373,476.28

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2019-0023
Application of Current LRAMVA Claim	2020 IRM Application
Period of New LRAMVA in this Application	2017-2018
Period of Rate Recovery (# years)	1

Actual Lost Revenues ($)	A	**$ 1,354,813**
Forecast Lost Revenues ($)	B	**$ 227,594**
Carrying Charges ($)	C	**$ 52,781**
LRAMVA ($) for Account 1568	A-B+C	**$ 1,180,000**

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	$457,872	$22,311	$480,183
GS<50 kW	kWh	$249,330	$11,284	$260,614
GS>50 kW	kW	$387,163	$17,889	$405,051
Unmetered Scattered Load	kWh	-$1,173	-$55	-$1,228
Streetlighting	kW	$34,028	$1,352	$35,380
		$0	$0	$0
		$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		**$1,127,219**	**$52,781**	**$1,180,000**

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

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

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

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

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS>50 kW	Unmetered Scattered Load	Streetlighting										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	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2016 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2017 Actuals	☐	$355,590.52	$130,820.06	$219,814.33	$0.00	$2,482.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$708,707.45
2017 Forecast		($62,371.80)	($27,567.64)	($35,545.42)	($583.11)	($668.38)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($126,736.35)
Amount Cleared																
2018 Actuals		$200,294.23	$174,044.89	$238,875.83	$0.00	$32,890.41	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$646,105.35
2018 Forecast		($35,641.03)	($27,967.17)	($35,982.20)	($590.35)	($676.61)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($100,857.36)
Amount Cleared																
Carrying Charges		$22,310.71	$11,283.92	$17,888.88	($54.60)	$1,351.72	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$52,780.64
Total LRAMVA Balance		**$480,183**	**$260,614**	**$405,051**	**-$1,228**	**$35,380**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,180,000**

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

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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	3. Distribution Rates	Rows 124:219,132	Rates removed	Not making a claim for those years in this application
2	5. 2015-2020 LRAM	Rows 498,682	Savings for street light projects subtracted from Retrofit program results	Streetl light savings calculated separately on Tab 8
3	5. 2015-2020 LRAM	AC5672 AC587:AC589, AC756, AC772:AC773	Street light savings imported from Tab 8	Streetl light savings calculated separately on Tab 8
4	5. 2015-2020 LRAM	Rows 59, 124:125, 309	Added separate rows where adjustments made in more than one year	Facilitates comparison with IESO reports
5	6. Carrying Charges	C51:52, H139	Estimated interest rate for carrying charges for Q1 2020 and Jan-Apr 2020	Interest rates not published yet for those time periods
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.				

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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 2014

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

	Total	Residential	GS<50 kW	GS>50 kW	Unmetered Scattered Load	Streetlighting									
		kWh	kWh	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	18,835,586	6,364,469	1,997,655	10,311,200	36,218	126,044									
kW	12,083	-	-	11,934	-	149									
Summary		6364469	1997655	11934	36218	149	0	0	0	0	0	0	0	0	0

Years Included in Threshold 2013-2014

Source of Threshold kWh totals from Burlington Hydro_AttE-Chapter2_Appendices_20140506 (2011 and 2012 excluded as fully embedded in forecast). Allocation folllows methodology described in Burlington Hydro_PSA-AttN_2014CDMAdjLoadForecast_20140506

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>50 kW	Unmetered Scattered Load	Streetlighting									
		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>50 kW	Unmetered Scattered Load	Streetlighting									
		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	2014	6,364,469	1,997,655	11,934	36,218	149	0	0	0	0	0	0	0	0	0
2018	2014	6,364,469	1,997,655	11,934	36,218	149	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-2009-0259	EB-2010-0067	EB-2011-0155	EB-2012-0110	EB-2013-0115	EB-2014-0059	EB-2015-0056	EB-2016-0059	EB-2017-0029	EB-2018-0021	EB-2019-0023	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*
Period 2 (# months)		*8*	*8*	*8*	*8*	*8*	*8*	*8*	*8*	*8*	*8*	*8*	*8*
Residential	kWh							$ 0.0125	$ 0.0084	$ 0.0042			
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ 0.0125	$ 0.0084	$ 0.0042	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 0.0083**	**$ 0.0098**	**$ 0.0056**	**$ 0.0014**	**$ -**	
GS<50 kW	kWh							$ 0.0137	$ 0.0139	$ 0.0140			
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ 0.0137	$ 0.0139	$ 0.0140	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 0.0091**	**$ 0.0138**	**$ 0.0140**	**$ 0.0047**	**$ -**	
GS>50 kW	kW							$ 2.9470	$ 2.9942	$ 3.0256			
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ 2.9470	$ 2.9942	$ 3.0256	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1.9647**	**$ 2.9785**	**$ 3.0151**	**$ 1.0085**	**$ -**	
Unmetered Scattered Load	kWh							$ 0.0159	$ 0.0162	$ 0.0164			
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ 0.0159	$ 0.0162	$ 0.0164	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 0.0106**	**$ 0.0161**	**$ 0.0163**	**$ 0.0055**	**$ -**	
Streetlighting	kW							$ 4.4385	$ 4.5095	$ 4.5568			
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ 4.4385	$ 4.5095	$ 4.5568	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2.9590**	**$ 4.4858**	**$ 4.5410**	**$ 1.5189**	**$ -**	

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

Table 3-a. Distribution Rates by Rate Class

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

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

Year	Residential	GS<50 kW	GS>50 kW	Unmetered Scattered Load	Streetlighting									
	kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0
2011														
2012														
2013														
2014														
2015														
2016														
2017	$0.0098	$0.0138	$2.9785	$0.0161	$4.4858	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2018	$0.0056	$0.0140	$3.0151	$0.0163	$4.5410	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2019														
2020														

Note: Years other than 2017 and 2018 have been removed from this table, as those years are not part of the LRAMVA disposition

Ontario Energy Board

LRAMVA Work Form:
Determination of Rate Class Allocations

Version 4.0 (2020)

Instructions

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

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-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>50 kW	Unmetered Scattered Load	Streetlighting									Total
	Consumer Program																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0
1	Appliance Retirement	Verified	122,741	122,741	122,741	122,741	69,416	0	0	0	0	0		18	18	18	18	10	0	0	0	0	0	100.00%													100%
	Adjustment to 2013 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%
2	Appliance Exchange	Verified	23,644	23,644	23,644	23,644	0	0	0	0	0	0		13	13	13	13	0	0	0	0	0	0	100.00%													100%
	Adjustment to 2013 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%
3	HVAC Incentives	Verified	710,487	710,487	710,487	710,487	710,487	710,487	710,487	710,487	710,487	710,487		429	429	429	429	429	429	429	429	429	429	100.00%													100%
	Adjustment to 2013 savings	True-up	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589		23	23	23	23	23	23	23	23	23	23	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	Conservation Instant Coupon Booklet	Verified	106,031	106,031	101,945	86,368	86,368	86,368	86,368	86,296	62,752	62,752		7	7	7	6	6	6	6	6	4	4	100.00%													100%
	Adjustment to 2013 savings	True-up	324	324	308	267	267	267	267	267	224	224		0	0	0	0	0	0	0	0	0	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%	0.00%
5	Bi-Annual Retailer Event	Verified	236,338	236,338	222,098	173,501	173,501	173,501	173,501	173,296	145,732	145,732		16	16	15	12	12	12	12	12	11	11	100.00%													100%
	Adjustment to 2013 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%
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%
7	Residential Demand Response	Verified	389	0	0	0	0	0	0	0	0	0		299	302	0	0	0	0	0	0	0	0	100.00%													100%
	Adjustment to 2013 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%
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%
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%
	Business Program																																				
10	Retrofit	Verified	3,750,880	3,708,900	3,708,900	3,708,900	3,557,668	3,478,537	3,478,537	3,476,220	3,402,665	2,893,059	12	911	897	897	897	849	829	829	829	808	682		10.32%	89.38%												100%
	Adjustment to 2013 savings	True-up	1,127,717	1,121,205	1,120,871	1,120,871	1,120,084	1,101,224	1,101,224	1,099,492	1,071,122	933,633	12	159	157	157	157	157	155	155	155	148	131	0.00%	10.32%	89.38%	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	104,959	104,959	104,959	104,123	86,541	86,541	86,541	86,541	86,541	86,541	12	31	31	31	31	25	25	25	25	25	25		100.00%												100%
	Adjustment to 2013 savings	True-up	14,282	14,282	14,282	4,805	1,234	1,234	1,234	1,234	1,234	1,234	12	3	3	3	1	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%
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%
13	New Construction	Verified											12													100.00%											100%
	Adjustment to 2013 savings	True-up	390,891	390,891	390,891	390,891	390,891	390,891	390,891	390,891	390,891	390,891	12	69	69	69	69	69	69	69	69	69	69	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%
14	Energy Audit	Verified	1,550,425	1,550,425	1,550,425	1,550,425	0	0	0	0	0	0	12	282	282	282	282	0	0	0	0	0	0		20.00%	80.00%											100%
	Adjustment to 2013 savings	True-up	340,409	340,409	340,409	340,409	0	0	0	0	0	0	12	62	62	62	62	0	0	0	0	0	0	0.00%	20.00%	80.00%	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	381	0	0	0	0	0	0	0	0	0		22	163	0	0	0	0	0	0	0	0		100.00%												100%
	Adjustment to 2013 savings	True-up																						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%
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%
17	Demand Response 3	Verified	-3,444	0	0	0	0	0	0	0	0	0		88	0	0	0	0	0	0	0	0	0		100.00%												100%
	Adjustment to 2013 savings	True-up																						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%
	Industrial Program																																				
18	Process & System Upgrades	Verified	261,790	261,790	261,790	261,790	261,790	261,790	261,790	261,790	261,790	261,790	12	27	27	27	27	27	27	27	27	27	27			100.00%											100%
	Adjustment to 2013 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%
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%
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%
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%
22	Demand Response 3	Verified	84,145	0	0	0	0	0	0	0	0	0		2,859	0	0	0	0	0	0	0	0	0			100.00%											100%
	Adjustment to 2013 savings	True-up																						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%
	Home Assistance Program																																				
23	Home Assistance Program	Verified	397,788	385,968	369,423	326,560	304,914	289,714	289,714	289,714	108,440	107,917		29	28	27	25	24	23	23	23	14	13	100%													100%
	Adjustment to 2013 savings	True-up	2,230	2,230	2,219	2,070	1,993	1,920	1,920	1,920	1,376	1,376		0	0	0	0	0	0	0	0	0	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%	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%
25	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%
	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%
27	High Performance New Construction	Verified											12													100.00%											100%
	Adjustment to 2013 savings	True-up	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	12	93	93	93	93	93	93	93	93	93	93	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%
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%	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%	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%	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%	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%	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%	0.00%
	Actual CDM Savings in 2013		**9,464,971**											**5,440**										**1,637,560**	**997,823**	**17,040**	**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**	**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	$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																							1,625,352	995,881	16,878	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2015																							1,590,454	995,847	16,877	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2016																							1,483,227	985,534	16,877	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2017																							1,384,535	570,525	13,054	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2018																							1,299,846	560,412	12,813	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2019																							1,299,846	560,412	12,813	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2020																							1,299,570	559,994	12,812	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net 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>50 kW	Unmetered Scattered Load	Streetlighting										Total
	Consumer Program																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified	124,110	124,110	124,110	124,006	67,818	0	0	0	0	0		19	19	19	19	10	0	0	0	0	0	100%														100%
	Adjustment to 2014 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%	
2	Appliance Exchange	Verified	21,058	21,058	21,058	21,058	0	0	0	0	0	0		12	12	12	12	0	0	0	0	0	0	100%														100%
	Adjustment to 2014 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%	
3	HVAC Incentives	Verified	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825		546	546	546	546	546	546	546	546	546	546	100%														100%
	Adjustment to 2014 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	Conservation Instant Coupon Booklet	Verified	395,701	368,153	354,413	354,413	354,413	354,413	354,413	353,737	353,737	301,026		30	28	27	27	27	27	27	27	27	24	100%														100%
	Adjustment to 2014 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%	
5	Bi-Annual Retailer Event	Verified	1,690,736	1,466,696	1,349,938	1,349,938	1,349,938	1,349,938	1,349,938	1,349,354	1,349,354	1,254,974		111	97	89	89	89	89	89	89	89	83	100%														100%
	Adjustment to 2014 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%	
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												377	0	0	0	0	0	0	0	0	0	100.00%														100%
	Adjustment to 2014 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%	
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	4,672,154	4,641,063	4,641,063	4,570,052	4,570,052	4,570,052	4,401,619	4,401,619	4,287,140	3,543,815	12	751	742	742	722	722	722	700	700	698	606		17.71%	84.56%												102%
	Adjustment to 2014 savings	True-up											12											0.00%	17.71%	84.56%	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	212,175	212,175	205,804	175,971	175,971	175,971	175,971	175,971	175,971	175,971	12	53	53	52	44	44	44	44	44	44	44		100%													100%
	Adjustment to 2014 savings	True-up											12											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%	
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	261,094	261,094	261,094	261,094	0	0	0	0	0	0	12	53	53	53	53	0	0	0	0	0	0			100%												100%
	Adjustment to 2014 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%	
15	Small Commercial Demand Response	Verified												87	0	0	0	0	0	0	0	0	0		100.00%													100%
	Adjustment to 2014 savings	True-up																						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%	
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												170	0	0	0	0	0	0	0	0	0		100.00%													100%
	Adjustment to 2014 savings	True-up																						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%	
	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												2,936	0	0	0	0	0	0	0	0	0			100.00%												100%
	Adjustment to 2014 savings	True-up																						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%	
	Home Assistance Program																																					
23	Home Assistance Program	Verified	283,424	280,022	248,542	231,994	216,846	216,846	216,846	216,846	100,110	100,110		20	20	18	18	17	17	17	17	11	11	100%														100%
	Adjustment to 2014 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%	
	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											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%	
	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	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	0	0	0	0	0	0	0	0	0	0	0			100.00%												100%
	Adjustment to 2014 savings	True-up											0											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%	
32	Time of Use Savings	Verified											0	904	0	0	0	0	0	0	0	0	0	100.00%														100%
	Adjustment to 2014 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%	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		**9,155,000**											**6,069**										**3,516,855**	**1,039,457**	**8,262**	**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																							3,261,864	1,033,951	8,172	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2016																							3,099,887	1,027,581	8,172	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2017																							3,083,234	985,174	7,966	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2018																							2,990,840	985,174	7,324	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2019																							2,923,022	985,174	7,324	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2020																							2,923,022	955,350	7,104	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 supported 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>50 kW	Unmetered Scattered Load	Streetlighting									Total
																								kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Legacy Framework																																				
	Residential Program																																				
1	Coupon Initiative	Verified	731,825	725,167	725,167	725,167	725,167	725,167	725,167	724,878	724,878	724,878		48	47	47	47	47	47	47	47	47	47	100.00%													100%
	Adjustment to 2015 savings	True-up	127,559	125,716	125,716	125,716	125,716	125,716	125,716	125,667	125,667	125,667		8	8	8	8	8	8	8	8	8	8	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	1,349,961	1,325,969	1,325,969	1,325,969	1,325,969	1,325,969	1,325,275	1,325,275	1,325,275	1,325,275		91	90	90	90	90	90	90	90	90	90	100.00%													100%
	Adjustment to 2015 savings	True-up	13,964	13,800	13,800	13,800	13,800	13,800	13,800	13,765	13,765	13,765		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%
3	Appliance Retirement Initiative	Verified	30,128	30,128	30,128	30,128	15,872	0	0	0	0	0		4	4	4	4	2	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	1,300,734	1,300,734	1,300,734	1,300,734	1,300,734	1,300,734	1,300,734	1,300,734	1,300,734	1,300,734		687	687	687	687	687	687	687	687	687	687	100.00%													100%
	Adjustment to 2015 savings	True-up	44,216	44,216	44,216	44,216	44,216	44,216	44,216	44,216	44,216	44,216		23	23	23	23	23	23	23	23	23	23	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												0.00%	100.00%											100%
	Adjustment to 2015 savings	True-up	311,335	311,335	311,335	311,335	311,335	311,335	311,335	311,335	311,335	311,335	12	66	66	66	66	74	74	74	74	74	74	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%
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	9,140,210	9,140,210	9,062,242	9,034,032	9,034,032	8,880,615	8,614,208	8,614,208	8,409,446	7,488,728	12	1,456	1,456	1,431	1,422	1,422	1,380	1,330	1,330	1,275	1,111		40%	62%											102%
	Adjustment to 2015 savings in 2016	True-up	197,172	197,172	275,141	299,371	299,371	299,371	565,779	565,779	702,250	618,269	12	7	7	32	39	39	39	89	89	123	102	0%	13%	95%											
	Adjustment to 2015 savings in 2017	True-up	-28,439	-28,439	49,530	73,760	73,760	73,760	351,272	351,272	490,581	454,139	12	-21	-21	4	11	11	11	62	62	96	80	0.00%	13.37%	94.69%	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	210,326	204,993	161,478	161,405	161,405	161,405	161,405	161,405	161,405	161,405	12	52	51	38	38	38	38	38	38	38	38		100%											100%
	Adjustment to 2015 savings in 2017	True-up	-43,565	-38,232	5,283	7,372	7,372	7,372	7,372	7,372	7,372	7,372	12	-12	-11	2	2	2	2	2	2	2	2	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%
9	New Construction and Major Renovation Initiative	Verified											12													100.00%											100%
	Adjustment to 2015 savings	True-up	22,611	22,611	22,611	22,611	22,611	22,611	22,611	22,611	22,611	22,611	12	13	13	13	13	13	13	13	13	13	13	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%
10	Existing Building Commissioning Incentive Initiative	Verified											3													100.00%											100%
	Adjustment to 2015 savings	True-up	12,666	12,666	12,666	12,666	12,666	12,666	12,666	12,666	12,666	12,666	3	16	16	16	16	16	16	16	16	16	16	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%
	Industrial Program																																				
11	Process and Systems Upgrades Initiatives - Project Incentive 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%
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	20,748	20,748	20,748	20,748	20,748	20,748	20,748	20,748	20,748	20,748	12	6	6	6	6	6	6	6	6	6	6			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%
	Low Income Program																																				
14	Low Income Initiative	Verified	180,097	161,459	158,413	156,420	156,420	156,420	153,298	153,148	124,518	124,410	12	49	48	48	48	48	48	47	47	46	46	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%
	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																						100.00%													100%
	Adjustment to 2015 savings in 2018	Unverified	3,545	3,440	3,334	3,229	3,123	3,018																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%
	Non-Residential Province-Wide Programs																																				
25	Save on Energy Audit Funding Program	Verified	0										12												0.00%	100.00%											100%
	Adjustment to 2015 savings	True-up	233,501	233,501	233,501	233,501	233,501	233,501	233,501	233,501	233,501	233,501	12	50	50	50	50	50	50	50	50	50	50	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%
26	Save on Energy Retrofit Program	Verified	61,250	61,250	61,250	61,250	61,250	61,250	58,411	58,411	58,411	49,157	12	19	19	19	19	19	19	19	19	19	17		11%	91%											102%
	Adjustments to 2015 in 2016	True-up	961,715	961,715	961,716	961,852	961,852	961,852	964,691	964,691	964,691	804,428	12	157	157	157	157	157	157	158	158	158	127	0.00%	11%	91%											
	Adjustments to 2015 in 2017	True-up	-32,922	-30,265	-24,774	-24,638	-24,638	-24,638	24,369	24,369	25,323	11,220	12	-6	-5	-4	-4	-4	-4	6	6	6	3		11%	91%											
	Adjustments to 2015 in 2018	Unverified	-42,862	-42,820	-42,777	-42,734	-42,692	-42,649					12	-7	-7	-7	-7	-7						0.00%	10.88%	91.06%	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%
	Actual CDM Savings in 2015		**14,805,775**											**2,707**										**3,782,029**	**3,938,176**	**14,131**	**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**	
	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	
	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
	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
	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
	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
	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
	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**
	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**
	LRAMVA in 2015																																				**$0.00**
	2015 Savings Persisting in 2016																							3,730,629	3,938,469	14,142	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2017																							3,727,477	3,928,820	14,535	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2018																							3,725,379	3,926,697	14,627	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2019																							3,711,017	3,926,102	14,723	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2020																							3,695,040	3,864,913	14,491	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>50 kW	Unmetered Scattered Load	Streetlighting										Total
	Legacy Framework																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
19	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	Verified	820	820	820	820	820	820	820	820	820	820	12											100.00%														100%
	Adjustment to 2016 savings	True-up	0	0	0	0	0	0	0	0	0	0	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%	
	Conservation First Framework																																					
	Residential Province-Wide Programs																																					
21	Save on Energy Coupon Program	Verified	5,654,091	5,654,091	5,654,091	5,654,091	5,654,091	5,654,091	5,654,091	5,653,430	5,653,430	5,633,629		366	366	366	366	366	366	366	366	366	365	100.00%														100%
	Adjustment to 2016 savings	True-up	514,682	514,682	514,682	514,682	514,682	514,682	514,682	514,641	514,641	515,382		33	33	33	33	33	33	33	33	33	33	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	1,580,253	1,580,253	1,580,253	1,580,253	1,580,253	1,580,253	1,580,253	1,580,253	1,580,253	1,580,253		472	472	472	472	472	472	472	472	472	472	100.00%														100%
	Adjustment to 2016 savings	True-up	9,727	9,727	9,727	9,727	9,727	9,727	9,727	9,727	9,727	9,727		3	3	3	3	3	3	3	3	3	3	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	Unverified	2,561	2,466	2,371	2,276	2,181																	0.00%	0.00%	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	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	12	2	2	2	2	2	2	2	2	2	2		0.00%	100.00%												100%
	Adjustment to 2016 savings	True-up	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	12	2	2	2	2	2	2	2	2	2	2	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%	
26	Save on Energy Retrofit Program	Verified	4,382,289	4,258,689	4,258,689	4,258,689	4,258,689	4,254,220	4,254,220	4,254,220	4,183,399	4,183,399	12	774	750	750	750	750	749	749	749	746	746	0.44%	28.62%	75.75%												105%
	Adjustment to 2016 savings in 2017	True-up	4,132,808	4,256,408	4,589,075	4,589,075	4,589,075	4,587,029	4,587,029	4,587,029	4,586,583	4,586,583	12	826	851	985	985	985	985	985	985	985	985		13.48%	95.08%												
	Adjustment to 2016 savings in 2018	Unverified	66,507	66,425	66,343	66,260	66,178						12	12	12	13	13	13						0.00%	13.48%	95.08%	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	24,692	24,692	24,692	24,692	24,692	24,692	24,692	24,692	24,692	24,692	12	14	14	14	14	14	14	14	14	14	14		0.00%	100.00%												100%
	Adjustment to 2016 savings	True-up	247,814	247,814	247,814	247,814	247,814	247,814	247,814	247,814	247,814	247,814	12	61	61	61	61	61	61	61	61	61	61	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%	
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	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0		0.00%	100.00%												100%
	Adjustment to 2016 savings	True-up	2,903,805	2,903,805	2,903,805	2,903,805	2,903,805	2,903,805	2,903,805	2,903,805	2,903,805	2,903,805	12	384	384	384	384	384	384	384	384	384	384	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%	
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	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0			100.00%												100%
	Adjustment to 2016 savings	True-up	12,650	12,650	12,650	12,650	12,650	12,650	12,650	12,650	12,650	12,650	12	0	0	0	0	0	0	0	0	0	0	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%	
	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	Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	Verified	174	174	174	174	174	174	174	174	174	174	12	0	0	0	0	0	0	0	0	0	0	100.00%														100%
	Adjustment to 2016 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	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%	0.00%	
	Actual CDM Savings in 2016		**19,559,159**											**2,949**										**7,779,144**	**2,068,397**	**21,427**	**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																							$0.00000	$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 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																							$0.00	$0.00	$0.00	$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 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2016																							**$0.00**	**$0.00**	**$0.00**	**$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 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																																					**$0.00**
	2016 Savings Persisting in 2017																							7,778,597	2,049,671	21,494	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2018																							7,778,597	2,094,513	23,029	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2019																							7,778,597	2,094,502	23,029	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2020																							7,778,597	2,094,491	23,029	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>50 kW	Unmetered Scattered Load	Streetlighting										Total
	Conservation First Framework																																					
	Residential Province-Wide Programs																																					
21	Save on Energy Coupon Program	Verified	11,745,899	9,380,421	9,380,421	9,380,421	9,380,421	9,380,421	9,380,421	9,380,368	9,380,368	9,367,811		802	643	643	643	643	643	643	643	643	642	100.00%														100%
	Adjustment to 2017 savings in 2018	Unverified	6,980	6,961	6,942	6,923								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%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified	1,231,687	1,231,687	1,231,687	1,231,687	1,231,687	1,231,687	1,231,687	1,231,687	1,231,687	1,231,687		360	360	360	360	360	360	360	360	360	360	100.00%														100%
	Adjustment to 2017 savings	True-up	77,469	77,469	77,469	77,469																		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 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%	
24	Save on Energy Home Assistance Program	Verified	5,610	5,610	5,610	5,610	5,610	5,610	5,610	5,610	5,610	5,572		2	2	2	2	2	2	2	2	2	2	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%	0.00%	
	Save on Energy Instand Discount Program	Verified	5,930,308	4,294,660	4,294,660	4,294,660	4,294,660	4,294,660	4,294,660	4,294,577	4,294,577	4,294,577		407	297	297	297	297	297	297	297	297	297	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%	0.00%	
	Save on Energy Smart Thermostat Program	Verified	0	0	0	0	0	0	0	0	0	0												100.00%														100%
	Adjustment to 2017 savings	Unverified	29,258	29,258	29,258	29,258																		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%	
	Non-Residential Province-Wide Programs																																					
25	Save on Energy Audit Funding Program	Verified	326,668	326,668	326,668	326,668	326,668	326,668	326,668	326,668	326,668	282,137	12	15	15	15	15	15	15	15	15	15	15			100.00%												100%
	Adjustment to 2017 savings	True-up	0										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%	
26	Save on Energy Retrofit Program	Verified	10,695,649	10,705,518	10,705,518	10,705,518	10,705,518	10,201,343	10,201,343	10,201,343	10,165,369	10,165,369	12	1,280	1,282	1,282	1,282	1,282	1,199	1,199	1,199	1,199	1,199		21.25%	74.22%												95%
		Less Street Lighting	-4,382,684	-4,382,684	-4,382,684	-4,382,684	-4,382,684	-4,382,684	-4,382,684	-4,382,684	-4,382,684	-4,382,684	12												21.25%	74.22%												
	Adjustment to 2017 savings in 2018	Unverified	2,484,654	2,480,558	2,476,463	2,472,367							12	504	503	502	501							0.00%	21.25%	74.22%	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	76,493	76,493	76,493	76,493	74,701	74,344	74,344	74,344	74,212	69,093	12	17	17	17	17	17	17	17	17	17	15		65.56%	33.88%												99%
	Adjustment to 2017 savings	True-up	0										12											0.00%	65.56%	33.88%	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	192,455	192,455	192,455	192,455	192,455	192,455	192,455	192,455	192,455	192,455	12	52	52	52	52	52	52	52	52	52	52		11.46%	58.64%												70%
	Adjustment to 2017 savings	Unverified	36,973	36,851	36,728	36,606							12	10	10	10	10							0.00%	11.46%	58.64%	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	10,590	0	0	0	0	0	0	0	0	0	12	15	0	0	0	0	0	0	0	0	0			100.00%												100%
	Adjustment to 2017 savings	True-up											12	0										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%	
	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	First Nation Conservation 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%	
35	PoolSaver Benchmarking Local Program	Verified	1,066,501	1,066,501	1,066,501	1,066,501	1,066,501	1,066,501	1,066,501	1,066,501	1,066,501	1,066,501		204	204	204	204	204	204	204	204	204	204	100.00%														100%
	Adjustment to 2017 savings	Unverified	29,486	29,486	29,486	29,486																		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%	
	Pilot Programs																																					
36	Whole Home Pilot Program	Verified	187,706	187,706	187,706	187,706	185,618	183,609	183,609	183,609	183,609	183,609	12	33	33	33	33	33	32	32	32	32	32	100.00%														100%
	Adjustment to 2017 savings	True-up	0											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%	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 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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
	Actual CDM Savings in 2017		**29,751,702**											**3,701**										**20,310,904**	**1,945,524**	**16,752**	**0**	**553**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2017																							**6,364,469**	**1,997,655**	**11,934**	**36,218**	**149**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Distribution Rate in 2017	$0.00980	$0.01380	$2.97850	$0.01610	$4.48580	$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	
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	
Lost Revenue in 2017 from 2013 programs	$13,568.44	$7,873.25	$38,880.22	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$60,321.90	
Lost Revenue in 2017 from 2014 programs	$30,215.70	$13,595.39	$23,726.36	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$67,537.45	
Lost Revenue in 2017 from 2015 programs	$36,529.28	$54,217.72	$43,292.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$134,039.88	
Lost Revenue in 2017 from 2016 programs	$76,230.25	$28,285.46	$64,020.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$168,536.08	
Lost Revenue in 2017 from 2017 programs	$199,046.86	$26,848.24	$49,894.49	$0.00	$2,482.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$278,272.13	
Total Lost Revenues in 2017	**$355,590.52**	**$130,820.06**	**$219,814.33**	**$0.00**	**$2,482.55**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$708,707.45**	
Forecast Lost Revenues in 2017	**$62,371.80**	**$27,567.64**	**$35,545.42**	**$583.11**	**$668.38**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$126,736.35**	
LRAMVA in 2017															**$581,971.11**	
2017 Savings Persisting in 2018	16,309,759	1,946,737	16,582	0	3,863	0	0	0	0	0	0	0	0	0		
2017 Savings Persisting in 2019	16,309,740	1,945,853	16,574	0	3,863	0	0	0	0	0	0	0	0	0		
2017 Savings Persisting in 2020	16,309,721	1,944,969	16,566	0	3,863	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>50 kW	Unmetered Scattered Load	Streetlighting										Total
	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	Unverified	421,299	421,299	421,299																			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%		
	Save on Energy Instant Discount Program	Unverified	2,541,833	2,531,385	2,520,937																			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%		
	Save on Energy Smart Thermostat Program	Unverified	154,870	154,870	154,870																			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%		
	Non-Residential Province-Wide Programs																																					
25	Save on Energy Audit Funding Program	Verified											12												100.00%													100%
	Adjustment to 2018 savings	True-up											12											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%		
26	Save on Energy Retrofit Program	Unverified	9,656,485	9,632,609	9,608,733								12	587	585	584									24.00%	72.00%												96%
		Less Street Lighting	-1,761,395	-1,761,395	-1,761,395								12	-154	-154	-154									24.00%	72.00%												
	Adjustment to 2018 savings	True-up											12											0.00%	24.00%	72.00%	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	Unverified	1,103,492	906,512	709,532								12	71	58	45									89.00%	38.00%												127%
	Adjustment to 2018 savings	True-up											12											0.00%	89.00%	38.00%	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	Unverified	60,369	60,070	59,770								12	12	12	12										100.00%												100%
	Adjustment to 2018 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%		
	Save on Energy Business Refrigeration Program	Unverified	41,915	41,915	41,915								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	Unverified	480,583	480,583	480,583								12	54	54	54										100.00%												100%
	Adjustment to 2018 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%		
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%		
	Swimming Pool Efficiency Program	Unverified	544,404	544,404	544,404								0											100.00%														100%
	Adjustment to 2018 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 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%		
	Actual CDM Savings in 2018		**13,243,855**											**569**										**3,662,405**	**2,918,844**	**4,851**	**0**	**3,380**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2018																							**6,364,469**	**1,997,655**	**11,934**	**36,218**	**149**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2018																							$0.00560	$0.01400	$3.01510	$0.01630	$4.54100	$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	
	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	
	Lost Revenue in 2018 from 2013 programs																							$7,279.14	$7,845.77	$38,632.53	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$53,757.44
	Lost Revenue in 2018 from 2014 programs																							$16,748.71	$13,792.43	$22,083.39	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$52,624.52
	Lost Revenue in 2018 from 2015 programs																							$20,862.12	$54,965.36	$44,102.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$119,930.17
	Lost Revenue in 2018 from 2016 programs																							$43,560.14	$29,323.19	$69,434.87	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$142,318.19
	Lost Revenue in 2018 from 2017 programs																							$91,334.65	$27,254.32	$49,995.57	$0.00	$17,540.64	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$186,125.18
	Lost Revenue in 2018 from 2018 programs																							$20,509.47	$40,863.82	$14,626.78	$0.00	$15,349.77	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$91,349.85
	Total Lost Revenues in 2018																							**$200,294.23**	**$174,044.89**	**$238,875.83**	**$0.00**	**$32,890.41**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$646,105.35**
	Forecast Lost Revenues in 2018																							**$35,641.03**	**$27,967.17**	**$35,982.20**	**$590.35**	**$676.61**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$100,857.36**
	LRAMVA in 2018																																					**$545,247.99**
	2018 Savings Persisting in 2019																							3,651,957	2,737,802	4,780	0	4,804	0	0	0	0	0	0	0	0	0	
	2018 Savings Persisting in 2020																							3,641,509	2,556,760	4,710	0	4,804	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:
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	2.18%
2020 Q2	2.18%
2020 Q3	
2020 Q4	

Check OEB website

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

Go to Tab 1: Summary

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS>50 kW	Unmetered Scattered Load	Streetlighting										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%	$0.00	$0.00	$0.00	$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-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
Apr-16	2011-2016	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-16	2011-2016	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-16	2011-2016	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-16	2011-2016	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-16	2011-2016	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-16	2011-2016	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-16	2011-2016	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-16	2011-2016	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-16	2011-2016	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 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**
Amount Cleared																		
Opening Balance for 2017				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-17	2011-2017	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-17	2011-2017	Q1	0.09%	$22.40	$7.89	$14.08	-$0.04	$0.14	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$44.46
Mar-17	2011-2017	Q1	0.09%	$44.80	$15.77	$28.15	-$0.09	$0.28	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$88.91
Apr-17	2011-2017	Q2	0.09%	$67.20	$23.66	$42.23	-$0.13	$0.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$133.37
May-17	2011-2017	Q2	0.09%	$89.59	$31.55	$56.30	-$0.18	$0.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$177.82
Jun-17	2011-2017	Q2	0.09%	$111.99	$39.44	$70.38	-$0.22	$0.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$222.28
Jul-17	2011-2017	Q3	0.09%	$134.39	$47.32	$84.46	-$0.27	$0.83	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$266.74
Aug-17	2011-2017	Q3	0.09%	$156.79	$55.21	$98.53	-$0.31	$0.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$311.19
Sep-17	2011-2017	Q3	0.09%	$179.19	$63.10	$112.61	-$0.36	$1.11	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$355.65
Oct-17	2011-2017	Q4	0.13%	$274.89	$96.80	$172.75	-$0.55	$1.70	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$545.60
Nov-17	2011-2017	Q4	0.13%	$305.44	$107.55	$191.95	-$0.61	$1.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$606.22
Dec-17	2011-2017	Q4	0.13%	$335.98	$118.31	$211.14	-$0.67	$2.08	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$666.84
Total for 2017				**$1,722.66**	**$606.61**	**$1,082.58**	**-$3.43**	**$10.66**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$3,419.08**
Amount Cleared																		
Opening Balance for 2018				**$1,722.66**	**$606.61**	**$1,082.58**	**-$3.43**	**$10.66**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$3,419.08**
Jan-18	2011-2018	Q1	0.13%	$366.52	$129.07	$230.34	-$0.73	$2.27	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$727.46
Feb-18	2011-2018	Q1	0.13%	$383.67	$144.28	$251.47	-$0.79	$5.62	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$784.26
Mar-18	2011-2018	Q1	0.13%	$400.83	$159.50	$272.61	-$0.85	$8.98	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$841.06
Apr-18	2011-2018	Q2	0.16%	$526.65	$220.14	$370.11	-$1.15	$15.54	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,131.30
May-18	2011-2018	Q2	0.16%	$548.26	$239.31	$396.74	-$1.23	$19.77	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,202.86
Jun-18	2011-2018	Q2	0.16%	$569.87	$258.49	$423.37	-$1.31	$24.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,274.42
Jul-18	2011-2018	Q3	0.16%	$591.48	$277.66	$450.00	-$1.38	$28.23	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,345.99
Aug-18	2011-2018	Q3	0.16%	$613.09	$296.83	$476.63	-$1.46	$32.45	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,417.55
Sep-18	2011-2018	Q3	0.16%	$634.71	$316.00	$503.26	-$1.54	$36.68	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,489.11
Oct-18	2011-2018	Q4	0.18%	$753.55	$384.83	$608.39	-$1.86	$46.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,791.89
Nov-18	2011-2018	Q4	0.18%	$778.36	$406.85	$638.97	-$1.94	$51.83	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,874.06
Dec-18	2011-2018	Q4	0.18%	$803.17	$428.86	$669.54	-$2.03	$56.68	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,956.22
Total for 2018				**$8,692.84**	**$3,868.43**	**$6,374.02**	**-$19.70**	**$339.67**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$19,255.26**
Amount Cleared																		
Opening Balance for 2019				**$8,692.84**	**$3,868.43**	**$6,374.02**	**-$19.70**	**$339.67**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$19,255.26**
Jan-19	2011-2019	Q1	0.20%	$934.82	$509.05	$790.46	-$2.40	$69.47	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,301.41
Feb-19	2011-2019	Q1	0.20%	$934.82	$509.05	$790.46	-$2.40	$69.47	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,301.41
Mar-19	2011-2019	Q1	0.20%	$934.82	$509.05	$790.46	-$2.40	$69.47	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,301.41
Apr-19	2011-2019	Q2	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
May-19	2011-2019	Q2	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
Jun-19	2011-2019	Q2	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
Jul-19	2011-2019	Q3	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
Aug-19	2011-2019	Q3	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
Sep-19	2011-2019	Q3	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
Oct-19	2011-2019	Q4	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
Nov-19	2011-2019	Q4	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
Dec-19	2011-2019	Q4	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
Total for 2019				**$18,983.51**	**$9,472.12**	**$15,075.50**	**-$46.07**	**$1,104.45**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$44,589.51**
Amount Cleared																		
Opening Balance for 2020				**$18,983.51**	**$9,472.12**	**$15,075.50**	**-$46.07**	**$1,104.45**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$44,589.51**
Jan-20	2011-2020	Q1	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
Feb-20	2011-2020	Q1	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
Mar-20	2011-2020	Q1	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
Apr-20	2011-2020	Q2	0.18%	$831.80	$452.95	$703.35	-$2.13	$61.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,047.78
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				**$22,310.71**	**$11,283.92**	**$17,888.88**	**-$54.60**	**$1,351.72**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$52,780.64**
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 4 and 5 of this work form.

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

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

Step:

Portfolio	#1 Program	Initiative	LDC	Sector	Conservation Resource Type	#3 (Implementation) Year	#2 Identify Source of Report	#4 Identify Status of Savings
LDC	Business	Energy Audit Funding	Burlington Hydro Inc.	Commercial & Institutional	EE	2013	2013 Results Persistence	Current year savings
LDC	Business	DR-3	Burlington Hydro Inc.	Commercial & Institutional	DR	2013	2013 Results Persistence	Current year savings
LDC	Business	peaksaverPLUS	Burlington Hydro Inc.	Commercial & Institutional	DR	2013	2013 Results Persistence	Current year savings
LDC	Business	peaksaverPLUS (IHD)	Burlington Hydro Inc.	Commercial & Institutional	DR	2013	2013 Results Persistence	Current year savings
LDC	Business	Retrofit	Burlington Hydro Inc.	Commercial & Institutional	EE	2013	2013 Results Persistence	Current year savings
LDC	Business	Small Business Lighting	Burlington Hydro Inc.	Commercial & Institutional	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Annual Coupons	Burlington Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Appliance Exchange	Burlington Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Burlington Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Bi-Annual Retailer Events	Burlington Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Home Assistance Program	Burlington Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	HVAC	Burlington Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	peaksaverPLUS	Burlington Hydro Inc.	Residential	DR	2013	2013 Results Persistence	Current year savings
LDC	Consumer	peaksaverPLUS (IHD)	Burlington Hydro Inc.	Residential	DR	2013	2013 Results Persistence	Current year savings
LDC	Industrial	DR-3	Burlington Hydro Inc.	Industrial	DR	2013	2013 Results Persistence	Current year savings
LDC	Industrial	PSUI	Burlington Hydro Inc.	Industrial	EE	2013	2013 Results Persistence	Current year savings
Non-LDC	Business	DR-3	Burlington Hydro Inc.	Commercial & Institutional	DR	2013	2013 Results Persistence	Current year savings
Non-LDC	Industrial	DR-3	Burlington Hydro Inc.	Industrial	DR	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Burlington Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Business	Direct Install Lighting	Burlington Hydro Inc.	Commercial	EE	2013	2014 Results Persistence	Adjustment
LDC	Business	Energy Audit	Burlington Hydro Inc.	Commercial	EE	2013	2014 Results Persistence	Adjustment
LDC	Business	Energy Audit	Burlington Hydro Inc.	Commercial	EE	2013	2014 Results Persistence	Adjustment
LDC	Business	High Performance New Construction	Burlington Hydro Inc.	Commercial	EE	2013	2014 Results Persistence	Adjustment
LDC	Business	Retrofit	Burlington Hydro Inc.	Commercial	EE	2013	2014 Results Persistence	Adjustment
LDC	Consumer	Conservation Instant Coupon Booklet	Burlington Hydro Inc.	Residential	EE	2013	2014 Results Persistence	Adjustment
LDC	Home Assist	Home Assistance Program	Burlington Hydro Inc.	Residential	EE	2013	2014 Results Persistence	Adjustment
LDC	Consumer	HVAC Incentives	Burlington Hydro Inc.	Residential	DR	2013	2014 Results Persistence	Adjustment
LDC	Pre-2011 Prog	High Performance New Construction	Burlington Hydro Inc.	Commercial	EE	2013	2014 Results Persistence	Adjustment
Tier 1	Business	Commercial Demand Response	Burlington Hydro Inc.	Commercial	DR	2013	2014 Results Persistence	Adjustment
Tier 1	Consumer	Residential Demand Response	Burlington Hydro Inc.	Residential	DR	2013	2014 Results Persistence	Adjustment
LDC	Business	Direct Install Lighting	Burlington Hydro Inc.	Commercial	EE	2014	2014 Results Persistence	Current year savings
LDC	Business	Energy Audit	Burlington Hydro Inc.	Commercial	EE	2014	2014 Results Persistence	Current year savings
LDC	Business	Retrofit	Burlington Hydro Inc.	Commercial	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Appliance Exchange	Burlington Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Burlington Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Burlington Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Burlington Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Burlington Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Bi-Annual Retailer Event	Burlington Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Conservation Instant Coupon Booklet	Burlington Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Home Assist	Home Assistance Program	Burlington Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	HVAC Incentives	Burlington Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Program Enab	LDC Program Enabled Savings	Burlington Hydro Inc.	Other	EE	2014	2014 Results Persistence	Current year savings
LDC	Other	Time-of-Use Savings	Burlington Hydro Inc.	Other	DR	2014	2014 Results Persistence	Current year savings
non-Tier 1	Business	Demand Response 3	Burlington Hydro Inc.	Commercial	DR	2014	2014 Results Persistence	Current year savings
non-Tier 1	Industrial	Demand Response 3	Burlington Hydro Inc.	Industrial	DR	2014	2014 Results Persistence	Current year savings
Tier 1	Business	Demand Response 3	Burlington Hydro Inc.	Commercial	DR	2014	2014 Results Persistence	Current year savings
Tier 1	Business	Commercial Demand Response	Burlington Hydro Inc.	Commercial	DR	2014	2014 Results Persistence	Current year savings
Tier 1	Consumer	Residential Demand Response	Burlington Hydro Inc.	Residential	DR	2014	2014 Results Persistence	Current year savings
Tier 1	Industrial	Demand Response 3	Burlington Hydro Inc.	Industrial	DR	2014	2014 Results Persistence	Current year savings

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

Portfolio	Initiative	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
LDC	Energy Audit Funding			282	282	282																									
LDC	DR-3			22										22						22				22					22		
LDC	peaksaverPLUS			189										189						189				189					189		
LDC	peaksaverPLUS (IHD)																														
LDC	Retrofit			911	897	897	897	849	853	841	828	816	804	791	779	766	754	742	729	717	705	692	680	667	655	643	630	618	605	593	581
LDC	Small Business Lighting			31	31	31	31	25	26	25	24	23	21	20	19	18	17	16	14	13	12	11	10	9		6	5	4	3	1	0
LDC	Annual Coupons			7	7	7	6	6	5	5	5	4	4	4	3	3	2	2	2	1	1	1	0	0	0	-1	-1	-2	-2	-2	-3
LDC	Appliance Exchange			13	13	13	13		3		-3	-5	-8	-11	-13	-16	-19	-21	-24	-27	-29	-32	-34	-37	-40	-42	-45	-48	-50	-53	-56
LDC	Appliance Retirement			18	18	18	18	10	12	10	9	7	5	4	2	1	-1	-2	-4	-6	-7	-9	-10	-12	-13	-15	-17	-18	-20	-21	-23
LDC	Bi-Annual Retailer Events			16	16	15	12	12	11	10	9	7	6	5	4	3	2	0	-1	-2	-3	-4	-6	-7	-8	-9	-10	-12	-13	-14	-15
LDC	Home Assistance Program			29	28	27	25	24	23	21	20	19	18	16	15	14	12	11	10	9	7	6	5	3	2	1	0	-1	-3	-4	-5
LDC	HVAC			429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429
LDC	peaksaverPLUS			299					299					299						299				299					299		
LDC	peaksaverPLUS (IHD)																														
LDC	DR-3			2,774					2,774					2,774						2,774				2,774					2,774		
LDC	PSUI			27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Non-LDC	DR-3			88					88					88						88				88					88		
Non-LDC	DR-3			86					86					86						86				86					86		
LDC	Appliance Retirement																														
LDC	Direct Install Lighting			3	3	3	1	0	0	0	0	0	0	0	0																
LDC	Energy Audit			0	0	0	0																								
LDC	Energy Audit			62	62	62	62																								
LDC	High Performance New Construction			69	69	69	69	69	69	69	69	69	69	9	9	9	9	9													
LDC	Retrofit			159	157	157	157	157	155	155	155	148	131	111	111	71	65	65	55	12	11	11	11								
LDC	Conservation Instant Coupon Booklet			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
LDC	Home Assistance Program			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
LDC	HVAC Incentives			23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	17									
LDC	Pre-2011 Prog High Performance New Construction			93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93				
Tier 1	Commercial Demand Response			163																											
Tier 1	Residential Demand Response			302																											
LDC	Direct Install Lighting			53	53	52	44	44	44	44	44	44	44	44	13																
LDC	Energy Audit			53	53	53	53																								
LDC	Retrofit			751	742	742	722	722	722	700	700	698	606	514	514	315	268	268	232	117	117	117	117								
LDC	Appliance Exchange			12	12	12	12																								
LDC	Appliance Retirement			0	0	0																									
LDC	Appliance Retirement			1	1	1	1																								
LDC	Appliance Retirement			7	7	7	7																								
LDC	Appliance Retirement			10	10	10	10	10																							
LDC	Bi-Annual Retailer Event			111	97	89	89	89	89	89	89	89	83	70	64	64	64	64	64	52	52	52	52								
LDC	Conservation Instant Coupon Booklet			30	28	27	27	27	27	27	27	27	24	17	17	17	17	17	17	8	8	8	8								
LDC	Home Assistance Program			20	20	18	18	17	17	17	11	11	7	7	7	7	3	1	1	1	1	1	1								
LDC	HVAC Incentives			546	546	546	546	546	546	546	546	546	546	546	546	546	546	546	546	546	546	546	484								
LDC	Program Enabled Savings																														
LDC	Time-of-Use Savings			904																											
non-Tier 1	Demand Response 3			88																											
non-Tier 1	Demand Response 3			86																											
Tier 1	Demand Response 3			82																											
Tier 1	Commercial Demand Response			87																											
Tier 1	Residential Demand Response			377																											
Tier 1	Demand Response 3			2,851																											

#1 Net Verified Annual Energy Savings at the End-User Level (kWh)

Portfolio	Initiative	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
LDC	Energy Audit Funding			1,550,425	1,550,425	1,550,425	1,550,425																								
LDC	DR-3			22										22						22				22					22		
LDC	peaksaverPLUS			189										189						189				189					189		
LDC	peaksaverPLUS (IHD)																														
LDC	Retrofit			568	556	544	531	519	506	494	482	469	457	444	432	420	407	395	383	370	358	345	333	321	308	296	283	271	259	246	234	222	209
LDC	Small Business Lighting			-3	-2	-3	-4	-6	-7	-8	-9	-10	-11	-13	-14	-15	-16	-17	-18	-20	-21	-22	-23	-24	-25	-27	-28	-29	-30	-31	-33	-34	-35
LDC	Annual Coupons			-3	-3	-4	-4	-5	-5	-5	-6	-6	-6	-7	-7	-8	-8	-8	-9	-9	-9	-10	-10	-10	-11	-11	-12	-12	-12	-13	-13	-13	-14
LDC	Appliance Exchange			-58	-61	-64	-66	-69	-72	-74	-77	-80	-82	-85	-88	-90	-93	-95	-98	-101	-103	-106	-109	-111	-114	-117	-119	-122	-125	-127	-130	-133	-135
LDC	Appliance Retirement			-24	-26	-28	-29	-31	-32	-34	-35	-37	-39	-40	-42	-43	-45	-46	-48	-50	-51	-53	-54	-56	-57	-59	-61	-62	-64	-65	-67	-68	-70
LDC	Bi-Annual Retailer Events			-17	-19	-20	-21	-22	-23	-25	-26	-27	-28	-29	-30	-32	-33	-34	-35	-36	-38	-39	-40	-41	-42	-43	-45	-46	-47	-48	-49	-51
LDC	Home Assistance Program			-7	-8	-8	-9	-11	-12	-13	-14	-16	-17	-18	-19	-21	-22	-23	-25	-26	-27	-28	-30	-31	-32	-33	-35	-36	-37	-39	-40	-41	-42
LDC	HVAC			429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429
LDC	peaksaverPLUS			299																											
LDC	peaksaverPLUS (IHD)																														
LDC	DR-3			2,774							2,774									2,774											
LDC	PSUI			27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Non-LDC	DR-3			88							88									88											
Non-LDC	DR-3			86							86									86											
LDC	Appliance Retirement			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Direct Install Lighting			14,282	14,282	14,282	4,805	1,234	1,234	1,234	1,234	1,234	1,234	1,234																	
LDC	Energy Audit			1,028	1,028	1,028	1,028																								
LDC	Energy Audit			339,380	339,380	339,380	339,380																								
LDC	High Performance New Construction			390,891	390,891	390,891	390,891	390,891	390,891	390,891	390,891	390,891	390,891	390,891	14,933	14,933	14,933	14,933	14,933												
LDC	Retrofit			1,127,717	1,121,205	1,120,871	1,120,871	1,120,084	1,101,224	1,101,224	1,099,492	1,071,122	933,633	734,224	719,866	421,669	398,492	398,492	328,788	38,534	37,589	37,589	37,589								
LDC	Conservation Instant Coupon Booklet			324	324	308	297	267	267	267	267	224	224	213	213	213	213	213	213	112	112	112	112								
LDC	Home Assistance Program			2,230	2,230	2,219	2,070	1,993	1,920	1,920	1,920	1,376	1,376	1,291	1,291	1,291	616	616	616	616	616	616	616	616								
LDC	HVAC Incentives			37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	37,589	32,165								
LDC	Pre-2011 Prog High Performance New Construction			204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978	204,978		
Tier 1	Commercial Demand Response																														
Tier 1	Residential Demand Response																														
LDC	Direct Install Lighting			212,175	212,175	205,804	175,971	175,971	175,971	175,971	175,971	175,971	175,971	171,913	45,958																
LDC	Energy Audit			261,094	261,094	261,094	261,094																								
LDC	Retrofit			4,672,154	4,641,063	4,641,063	4,570,052	4,570,052	4,570,052	4,401,639	4,401,639	4,287,140	3,543,815	2,747,203	2,642,743	1,367,863	1,200,799	1,200,799	1,002,622	301,324	301,324	301,324	301,324								
LDC	Appliance Exchange			21,058	21,058	21,058	21,058																								
LDC	Appliance Retirement			104	104	104																									
LDC	Appliance Retirement			2,209	2,209	2,209	2,209																								
LDC	Appliance Retirement			53,979	53,979	53,979	53,979																								
LDC	Appliance Retirement			67,818	67,818	67,818	67,818	67,818																							
LDC	Bi-Annual Retailer Event			1,690,736	1,466,696	1,349,938	1,349,938	1,349,938	1,349,938	1,349,938	1,349,938	1,349,354	1,254,974	1,220,073	1,031,704	1,031,704	1,016,930	1,016,930	1,015,493	825,529	825,529	825,529	825,529								
LDC	Conservation Instant Coupon Booklet			395,701	368,153	354,413	354,413	354,413	354,413	354,413	354,413	353,737	353,737	301,026	276,656	273,088	273,088	271,396	271,396	271,074	121,469	121,469	121,469	121,469							
LDC	Home Assistance Program			283,424	280,022	248,542	231,994	216,846	216,846	216,846	216,846	100,110	100,110	61,098	61,098	61,098	61,098	26,834	5,064	5,064	5,064	5,064	5,064	5,064							
LDC	HVAC Incentives			1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	1,001,825	546,668								
LDC	Program Enabled Savings			492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721	492,721								
LDC	Time-of-Use Savings																														
non-Tier 1	Demand Response 3																														
non-Tier 1	Demand Response 3																														
Tier 1	Demand Response 3																														
Tier 1	Commercial Demand Response																														
Tier 1	Residential Demand Response																														
Tier 1	Demand Response 3																														

Ontario Energy Board

LRAMVA Work Form:
Documentation for Streetlighting Projects

Version 4.0 (2020)

Legend User Inputs (Green)

Instructions

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

Distributors are encouraged to provide data in the following format, and complete a separate set of following tables for each project. The tables below are meant to be an example. Distributors should complete the tables based on the actual project details. Please create the necessary links to Tab 4/5 and tabulations within this LRAMVA workform to calculate the LRAMVA amounts. Alternatively, LDCs may submit a separate attachment with the project level details for billed demand by type of bulb.

Table 8-a: Burlington

Summary of Project #1

Actual lost revenue based on kW billing					
Month	Billed amount (kW)	Gross kW reduction	Cumulative Gross kW reduction	Net to Gross Ratio	Net kW reduction
		a	b	c	b * c
Jan-17		-	-		
Feb-17		-	-		-
Mar-17		-	-		
Apr-17		-	-		
May-17		-	-		
Jun-17		-	-		
Jul-17		-	-		
Aug-17		-	-		
Sep-17	758.68				-
Oct-17	700.09	58.59	58.59	0.88	51.59
Nov-17	554.35	145.74	204.33	0.88	179.94
Dec-17	393.14	161.21	365.54	0.88	321.89
Total					**553.42**
Persistence in 2018					3,862.73
Persistence in 2019					3,862.73
Persistence in 2020					3,862.73

Details of Project #1 (December, 2017)

Pre-conversion billing demand

Fixture type	Billing Wattage (W)	Quantity	Billed amount (kW)
	d	e	d * e/1000
COBRA	70	4209	294.63
COBRA	100	1347	134.7
COBRA	150	319	47.85
COBRA	200	1328	265.6
COBRA	250	39	9.75
COBRA	400	3	1.2
SHOEBOX	70	26	1.82
SQUARE	70	7	0.49
SQUARE	100	2	0.2
SQUARE	200	1	0.2
SQUARE PACK	70	32	2.24
Total			758.68

Post-conversion billing demand

Fixture type	Billing Wattage (W)	Quantity	Billed amount (kW)
	d_1	e_1	$d_1 * e_1/1000$
COBRA	35	4206	147.21
COBRA	41	7	0.29
COBRA	54	1359	73.39
COBRA	72	312	22.46
COBRA	108	1355	146.34
COBRA	135	1	0.14
COBRA	160	4	0.64
COBRA	190	1	0.19
SHOE BOX	35	26	0.91
SQUARE	35	7	0.25
SQUARE	54	2	0.11
SQUARE	108	1	0.11
SQUARE PACK	**35**	32	1.12
Total			393.14

Summary of Project #2

Actual lost revenue based on kW billing					
Month	Billed amount (kW)	Gross kW reduction	Cumulative Gross kW reduction	Net to Gross Ratio	Net kW reduction
		a	b	c	b * c
Jan-18	882.07	71.98	71.98	0.88	63.39
Feb-18	792.94	89.13	161.11	0.88	141.87
Mar-18	701.90	91.03	252.14	0.88	222.04
Apr-18	633.53	68.38	320.52	0.88	282.25
May-18	629.90	3.62	324.15	0.88	285.44
Jun-18	629.59	0.32	324.46	0.88	285.72
Jul-18	624.54	5.04	329.50	0.88	290.16
Aug-18	619.02	5.52	335.03	0.88	295.03
Sep-18	563.82	55.20	390.23	0.88	343.64
Oct-18	524.40	39.42	429.65	0.88	378.35
Nov-18	508.89	15.50	445.15	0.88	392.00
Dec-18	499.40	9.49	454.64	0.88	400.36
Total	**7,609.99**				**3,380.26**
Persistence in 2019					4,804.33
Persistence in 2020					4,804.33
Persistence in 2021					4,804.33

Details of Project #2 (January, 2018)

Pre-conversion billing demand

Fixture type	Billing Wattage (W)	Quantity	Billed amount (kW)
	d	e	d * e/1000
COBRA	70	3364	235.48
COBRA	100	1042	104.2
COBRA	105	6	0.63
COBRA	130	4	0.52
COBRA	150	494	74.1
COBRA	157	3	0.471
COBRA	160	6	0.96
COBRA	175	1	0.175
COBRA	200	2405	481
COBRA	250	207	51.75
SHOE BOX	70	57	3.99
SQUARE PACK	70	11	0.77
Total			954.05

Post-conversion billing demand

Fixture type	Billing Wattage (W)	Quantity	Billed amount (kW)
	d_1	e_1	$d_1 * e_1/1000$
COBRA	35	3391	118.69
COBRA	41	1	0.04
COBRA	54	1013	54.70
COBRA	72	494	35.57
COBRA	106	2	0.21
COBRA	108	2535	273.78
COBRA	135	71	9.59
COBRA	145	4	0.58
COBRA	160	4	0.64
COBRA	190	17	3.23
SHOE BOX	35	57	2.00
SQUARE PACK	35	11	0.39
Total			499.40