



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 5.0 (2021)

Generic LRAMVA Work Forms

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

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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.



LRAMVA Work Form: Instructions

Version 5.0 (2021)

Tab	Instructions
LRAMVA Checklist/Schematic Tab	<p>The LRAMVA work form was created in a generic manner for use by all LDCs. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below:</p> <ul style="list-style-type: none"> o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved. o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable. o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tab 3-a. Rate Class Allocations	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
Tabs 4 and 5 (2011-2020)	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO.

	<ul style="list-style-type: none"> ○ 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. ○ 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. ○ 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. ○ Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
Tab 7. Persistence Report	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).



LRAMVA Work Form: Checklist and Schematic

Version 5.0 (2021)

General Note on the LRAMVA Model

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

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

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

Legend

Drop Down List (Blue)

Important Checklist

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

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
Actual Incremental CDM Savings by Initiative	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
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"			



LRAMVA Work Form:
Summary Tab

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

LDC Name	Espanola Regional Hydro Distribution Corporation
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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-2013-0127
Application of Previous LRAMVA Claim	2014 IRM
Period of LRAMVA Claimed in Previous Application	2006-2010 persistence in 2011 and 2012
Amount of LRAMVA Claimed in Previous Application	\$7,554.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2020-0043
Application of Current LRAMVA Claim	2021 COS Application
Period of New LRAMVA in this Application	2011-2021
Period of Rate Recovery (# years)	

Actual Lost Revenues (\$)	A	\$	397,439
Forecast Lost Revenues (\$)	B	\$	83,251
Carrying Charges (\$)	C	\$	15,082
LRAMVA (\$) for Account 1568	A-B+C	\$	329,270

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	\$93,764	\$3,421	\$97,185
GS<50 kW	kWh	\$71,525	\$5,495	\$77,019
GS 50-4,999 kW	kW	\$46,194	\$1,879	\$48,073
Unmetered Scattered Load	kWh	-\$312	-\$20	-\$332
Sentinel Lighting	kW	-\$169	-\$11	-\$180
Street Lighting Service	kW	\$103,186	\$4,317	\$107,503
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$314,188	\$15,082	\$329,270

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 50-4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting Service	Total
		kWh	kWh	kW	kWh	kW	kW	
2011 Actuals	<input type="checkbox"/>	\$848.44	\$2,065.69	\$839.61	\$0.00	\$0.00	\$0.00	\$3,753.74
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared								
2012 Actuals	<input type="checkbox"/>	\$1,786.65	\$8,210.71	\$1,556.77	\$0.00	\$0.00	\$0.00	\$11,554.12

2012 Forecast	□	(\$4,307.31)	(\$1,813.70)	(\$1,370.51)	(\$28.09)	(\$14.57)	(\$374.86)	(\$7,909.04)
Amount Cleared								
2013 Actuals	□	\$2,735.74	\$10,637.41	\$1,956.33	\$0.00	\$0.00	\$0.00	\$15,329.48
2013 Forecast		(\$4,769.84)	(\$2,003.05)	(\$1,441.66)	(\$30.92)	(\$16.72)	(\$413.19)	(\$8,675.38)
Amount Cleared								
2014 Actuals	□	\$5,884.75	\$12,905.76	\$3,425.84	\$0.00	\$0.00	\$0.00	\$22,216.34
2014 Forecast		(\$4,827.65)	(\$2,022.98)	(\$1,458.91)	(\$31.12)	(\$16.92)	(\$418.13)	(\$8,775.71)
Amount Cleared								
2015 Actuals	□	\$8,771.26	\$11,248.23	\$4,252.62	\$0.00	\$0.00	\$15,276.53	\$39,548.64
2015 Forecast		(\$4,885.47)	(\$2,052.87)	(\$1,480.51)	(\$31.53)	(\$17.17)	(\$424.33)	(\$8,891.88)
Amount Cleared								
2016 Actuals	□	\$14,316.30	\$11,393.43	\$4,273.00	\$0.00	\$0.00	\$15,349.67	\$45,332.40
2016 Forecast		(\$4,914.38)	(\$2,062.84)	(\$1,487.60)	(\$31.73)	(\$17.26)	(\$426.36)	(\$8,940.16)
Amount Cleared								
2017 Actuals	□	\$24,127.04	\$8,270.47	\$8,206.46	\$0.00	\$0.00	\$15,349.67	\$55,953.64
2017 Forecast		(\$4,914.38)	(\$2,062.84)	(\$1,487.60)	(\$31.73)	(\$17.26)	(\$426.36)	(\$8,940.16)
Amount Cleared								
2018 Actuals	□	\$24,614.67	\$8,238.35	\$9,516.92	\$0.00	\$0.00	\$15,349.67	\$57,719.60
2018 Forecast		(\$4,914.38)	(\$2,062.84)	(\$1,487.60)	(\$31.73)	(\$17.26)	(\$426.36)	(\$8,940.16)
Amount Cleared								
2019 Actuals		\$24,631.62	\$8,225.53	\$9,513.62	\$0.00	\$0.00	\$15,349.67	\$57,720.43
2019 Forecast		(\$4,914.38)	(\$2,062.84)	(\$1,487.60)	(\$31.73)	(\$17.26)	(\$426.36)	(\$8,940.16)
Amount Cleared								
2020 Actuals		\$23,368.68	\$7,978.26	\$9,408.11	\$0.00	\$0.00	\$15,349.67	\$56,104.72
2020 Forecast		(\$4,914.38)	(\$2,062.84)	(\$1,487.60)	(\$31.73)	(\$17.26)	(\$426.36)	(\$8,940.16)
Amount Cleared								
2021 Actuals		\$7,688.72	\$1,245.47	\$7,922.18	\$0.00	\$0.00	\$15,349.67	\$32,206.03
2021 Forecast		(\$1,647.76)	(\$687.61)	(\$1,487.60)	(\$31.73)	(\$17.26)	(\$426.36)	(\$4,298.32)
Amount Cleared								
Carrying Charges		\$3,421.31	\$5,494.52	\$1,878.63	(\$19.61)	(\$10.57)	\$4,317.25	\$15,081.52
Total LRAMVA Balance		\$97,185	\$77,019	\$48,073	-\$332	-\$180	\$107,503	\$329,270

Note: Added calculation for 2021 as requesting disposition of persistence to April 30, 2021



LRAMVA Work Form:
Summary of Changes

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	1. LRAMVA Summary	Rows 84-86	New rows for 2021	Application includes Jan-Apr 2021
2	1. LRAMVA Summary	Row 88	Totals adjusted to include rows for 2021	Application includes Jan-Apr 2021
3	1. LRAMVA Summary	H19:H20	Formulas adjusted to include 2020 and 2021 values	Application includes Jan-Apr 2021
4	2. LRAMVA Threshold	Row 54	Row added for 2021	Application includes Jan-Apr 2021
5	3. Distribution Rates	Row 134	Row added for 2021	Application includes Jan-Apr 2021
6	4. 2011-2014 LRAM	Rows 144	Row added for 2021 persistence	Application includes Jan-Apr 2021
7	5. 2015-2020 LRAM	Rows 57-61	Streetlighting separated out from rest of ERII results	Street lights are addressed separately (see Tab 8)
8	5. 2015-2020 LRAM	Rows 216, 400,584,768,955	Rows added for 2021 persistence	Application includes Jan-Apr 2021
9	6. Carrying Charges	C53:C56	Interest estimated for Q4 2020 and Q1 and Q2 2021	Application includes Jan-Apr 2021
10	6. Carrying Charges	H165:H168	Monthly interest rates added for Jan-Apr 2021	Application includes Jan-Apr 2021
etc.				

Table A-2. Updates to LRAMVA Disposition

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

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



LRAMVA Work Form:
Forecast Lost Revenues

Version 5.0 (2021)

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

Table 2-a. LRAMVA Threshold2010

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-l. 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 50-4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting Service								
		kWh	kWh	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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-b. LRAMVA Threshold2012

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-l. 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 50-4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting Service								
		kWh	kWh	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	552,000	289,081	99,654	155,110	2,021	229	5,905					0	0	0	0
kW	410			392		1	17					0	0	0	0
Summary		289081	99654	392	2021	1	17	0	0	0	0	0	0	0	0

Years Included in Threshold	2011-2012
Source of Threshold	EB2011-0319 Ex. 3 Tab 2 Schedule 1 p. 10 of 18, kW calculated based on ratio on p.4 of EB2011-0319

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 50-4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting Service								
		kWh	kWh	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	2012	289,081	99,654	392	2,021	1	17	0	0	0	0	0	0	0	0
2013	2012	289,081	99,654	392	2,021	1	17	0	0	0	0	0	0	0	0
2014	2012	289,081	99,654	392	2,021	1	17	0	0	0	0	0	0	0	0
2015	2012	289,081	99,654	392	2,021	1	17	0	0	0	0	0	0	0	0
2016	2012	289,081	99,654	392	2,021	1	17	0	0	0	0	0	0	0	0
2017	2012	289,081	99,654	392	2,021	1	17	0	0	0	0	0	0	0	0
2018	2012	289,081	99,654	392	2,021	1	17	0	0	0	0	0	0	0	0
2019	2012	289,081	99,654	392	2,021	1	17	0	0	0	0	0	0	0	0
2020	2012	289,081	99,654	392	2,021	1	17	0	0	0	0	0	0	0	0
2021	2012	289,081	99,654	392	2,021	1	17	0	0	0	0	0	0	0	0

Note: Threshold for 2021 added



LRAMVA Work Form:
Distribution Rates

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-2009-0224	EB-2010-0081	EB-2011-0319	EB-2012-0122	EB-2013-0127	EB-2014-0071	EB-2015-0068	No filing	No filing	No filing	No filing	EB-2020-043
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		4	10	4	4	4	4	4	4	4	4		4
Period 2 (# months)		8	2	8	8	8	8	8	8	8	8	12	8
Residential		\$ 0.0120	\$ 0.0120	\$ 0.0164	\$ 0.0165	\$ 0.0168	\$ 0.0170	\$ 0.0170	\$ 0.0170	\$ 0.0170	\$ 0.0170	\$ 0.0170	\$ -
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 0.0120	\$ 0.0120	\$ 0.0164	\$ 0.0165	\$ 0.0168	\$ 0.0170	\$ 0.0170	\$ 0.0170	\$ 0.0170	\$ 0.0170	\$ 0.0170	\$ -
Calendar year equivalent		\$ 0.0120	\$ 0.0120	\$ 0.0149	\$ 0.0165	\$ 0.0167	\$ 0.0169	\$ 0.0170	\$ 0.0170	\$ 0.0170	\$ 0.0170	\$ 0.0170	\$ 0.0057
GS<50 kW		\$ 0.0147	\$ 0.0147	\$ 0.0200	\$ 0.0201	\$ 0.0204	\$ 0.0207	\$ 0.0207	\$ 0.0207	\$ 0.0207	\$ 0.0207	\$ 0.0207	
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 0.0147	\$ 0.0147	\$ 0.0200	\$ 0.0201	\$ 0.0204	\$ 0.0207	\$ 0.0207	\$ 0.0207	\$ 0.0207	\$ 0.0207	\$ 0.0207	\$ -
Calendar year equivalent		\$ 0.0147	\$ 0.0147	\$ 0.0182	\$ 0.0201	\$ 0.0203	\$ 0.0206	\$ 0.0207	\$ 0.0207	\$ 0.0207	\$ 0.0207	\$ 0.0207	\$ 0.0069
GS 50-4,999 kW		\$ 3.1509	\$ 3.1566	\$ 3.6660	\$ 3.6836	\$ 3.7407	\$ 3.7949	\$ 3.7949	\$ 3.7949	\$ 3.7949	\$ 3.7949	\$ 3.7949	
Rate rider for tax sharing	kW												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 3.1509	\$ 3.1566	\$ 3.6660	\$ 3.6836	\$ 3.7407	\$ 3.7949	\$ 3.7949	\$ 3.7949	\$ 3.7949	\$ 3.7949	\$ 3.7949	\$ -
Calendar year equivalent		\$ 3.1509	\$ 3.1566	\$ 3.4962	\$ 3.6777	\$ 3.7217	\$ 3.7768	\$ 3.7949	\$ 3.7949	\$ 3.7949	\$ 3.7949	\$ 3.7949	1.265
Unmetered Scattered Load		\$ 0.0113	\$ 0.0113	\$ 0.0152	\$ 0.0153	\$ 0.0155	\$ 0.0157	\$ 0.0157	\$ 0.0157	\$ 0.0157	\$ 0.0157	\$ 0.0157	
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 0.0113	\$ 0.0113	\$ 0.0152	\$ 0.0153	\$ 0.0155	\$ 0.0157	\$ 0.0157	\$ 0.0157	\$ 0.0157	\$ 0.0157	\$ 0.0157	\$ -
Calendar year equivalent		\$ 0.0113	\$ 0.0113	\$ 0.0139	\$ 0.0153	\$ 0.0154	\$ 0.0156	\$ 0.0157	\$ 0.0157	\$ 0.0157	\$ 0.0157	\$ 0.0157	0.0052
Sentinel Lighting		\$ 10.3466	\$ 10.3652	\$ 16.6708	\$ 16.7508	\$ 17.0104	\$ 17.2571	\$ 17.2571	\$ 17.2571	\$ 17.2571	\$ 17.2571	\$ 17.2571	
Rate rider for tax sharing	kW												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 10.3466	\$ 10.3652	\$ 16.6708	\$ 16.7508	\$ 17.0104	\$ 17.2571	\$ 17.2571	\$ 17.2571	\$ 17.2571	\$ 17.2571	\$ 17.2571	\$ -
Calendar year equivalent		\$ 10.3466	\$ 10.3497	\$ 14.5689	\$ 16.7241	\$ 16.9239	\$ 17.1749	\$ 17.2571	\$ 17.2571	\$ 17.2571	\$ 17.2571	\$ 17.2571	5.7524
Street Lighting Service		\$ 17.6645	\$ 17.6963	\$ 24.2280	\$ 24.3443	\$ 24.7216	\$ 25.0801	\$ 25.0801	\$ 25.0801	\$ 25.0801	\$ 25.0801	\$ 25.0801	
Rate rider for tax sharing	kW												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 17.6645	\$ 17.6963	\$ 24.2280	\$ 24.3443	\$ 24.7216	\$ 25.0801	\$ 25.0801	\$ 25.0801	\$ 25.0801	\$ 25.0801	\$ 25.0801	\$ -
Calendar year equivalent		\$ 17.6645	\$ 17.6698	\$ 22.0508	\$ 24.3055	\$ 24.5958	\$ 24.9606	\$ 25.0801	\$ 25.0801	\$ 25.0801	\$ 25.0801	\$ 25.0801	8.36

Note: rates shown in 2021 reflect 1/3 of 2020 rates, corresponding to the period of January 1 to April 30. When these are multiplied by savings for the full year, lost revenue for that period will be appropriately calculated.

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 50-4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting Service								
	kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0
2011	\$0.0120	\$0.0147	\$3.1519	\$0.0113	\$10.3497	\$17.6698	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0149	\$0.0182	\$3.4962	\$0.0139	\$14.5689	\$22.0508	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0165	\$0.0201	\$3.6777	\$0.0153	\$16.7241	\$24.3055	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0167	\$0.0203	\$3.7217	\$0.0154	\$16.9239	\$24.5958	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0169	\$0.0206	\$3.7768	\$0.0156	\$17.1749	\$24.9606	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0170	\$0.0207	\$3.7949	\$0.0157	\$17.2571	\$25.0801	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0170	\$0.0207	\$3.7949	\$0.0157	\$17.2571	\$25.0801	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0170	\$0.0207	\$3.7949	\$0.0157	\$17.2571	\$25.0801	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0170	\$0.0207	\$3.7949	\$0.0157	\$17.2571	\$25.0801	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2020	\$0.0170	\$0.0207	\$3.7949	\$0.0157	\$17.2571	\$25.0801	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2021	\$0.0057	\$0.0069	\$1.2650	\$0.0052	\$5.7524	\$8.3600	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: Rates for Jan-Apr 2021 added.



LRAMVA Work Form: Determination of Rate Class Allocations

Version 5.0 (2021)

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.

All programs other than Retrofit/ERII had all projects in the same rate class. For Retrofit/ERII, the allocation is calculated based on project specific data. The calculation of allocation is shown below.

Retrofit project data

Application	Implementation year	Energy savings (kWh)	Demand Savings (kW)	Rate Class	Status	Source of data
135378	2015	9,715.20	2.02	GS>50	Final results	IESO CRM
127210	2015	286,820.00	0.00	SL	Final results	IESO CRM
133937	2015	76,276.00	12.85	GS>50	Final results	IESO CRM
138600	2015	1,290.00	0.45	GS>50	Final results	IESO CRM
139495	2015	38,621.00	6.68	GS>50	Final results	IESO CRM
140553	2015	2,670.00	0.90	GS<50	Final results	IESO CRM
139250	2015	12,770.00	1.66	GS<50	Final results	IESO CRM
153139	2016	9,445.13	2.84	GS<50	Final results	2016 final report
160820	2016	979.20	1.10	GS<50	Final results	2016 final report
177764	2017	4363.758469	9.5745374	GS>50	Final results	2017 final report
182425	2017	6341.414722	1.2164363	GS<50	Final results	2017 final report
182931	2017	7506.802854	6.3360909	GS<50	Final results	2017 final report
174552	2017	39035.70987	7.8705441	GS>50	Final results	2017 final report
177741	2017	76144.86877	14.239527	GS>50	Final results	2017 final report
183965	2017	46059.01485	0	GS>50	Final results	2017 final report
185358	2017	382367.5561	66.139801	GS>50	Final results	2017 final report
182649	2018	57425	12.5	GS>50	Unverified results	2018Q2Report
186656	2017	16023	0	GS>50	Unverified adjustment	2018Q2Report
189800	2018	71946	14	GS>50	Unverified results	2018Q2Report
187454	2017	16929.32	3.48	GS<50	Unverified adjustment	2018Q3Report
195178	2018	463.25	0.7735	GS<50	Unverified results	2018Q4Report
195178	2018	1006.25	1.3195	Waterloo	Unverified results	2018Q4Report

Retrofit allocation of energy

Sum of Energy savings (kWh) Column Labels	GS<50	GS>50	Grand Total
2015	10.92%	89.08%	100.00%
Final results	10.92%	89.08%	100.00%
2016	100.00%	0.00%	100.00%
Final results	100.00%	0.00%	100.00%
2017	5.17%	94.83%	100.00%
Final results	2.46%	97.54%	100.00%
Unverified adjustment	51.38%	48.62%	100.00%
2018	0.36%	99.64%	100.00%
Unverified results	0.36%	99.64%	100.00%
Grand Total	6.52%	93.48%	100.00%

Retrofit allocation of demand

Sum of Demand Savings (kW) Column Labels	GS<50	GS>50	Grand Total
2015	10.42%	89.58%	100.00%
Final results	10.42%	89.58%	100.00%
2016	100.00%	0.00%	100.00%
Final results	100.00%	0.00%	100.00%
2017	10.13%	89.87%	100.00%
Final results	7.17%	92.83%	100.00%
Unverified adjustment	100.00%	0.00%	100.00%
2018	2.84%	97.16%	100.00%
Unverified results	2.84%	97.16%	100.00%
Grand Total	11.12%	88.88%	100.00%

Allocation for LRAMVA

Year	GS<50	GS>50	Total
2015	10.9%	89.6%	100.5%
2016	100.0%	0.0%	100.0%
2017	2.5%	92.8%	95.3%
2017 adjustments	51.4%	0.0%	51.4%
2018	0.4%	97.2%	97.5%

Notes: The streetlighting project is excluded from the allocation calculation as it is dealt with separately.
All other programs had projects in only one rate class.

Version 5.0 (2021)

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 LRAMVA 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.

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

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)										Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA																
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Residential	GS<50 kW	GS 50-4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting Service						Total				
			kWh																					kW																
Consumer Program																																								
Appliance Retirement Adjustment to 2011 savings	Verified True-up	7,301	7,301	7,301	7,200	5,592	0	0	0	0	0	0	1	1	1	1	1	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%	100%			
Appliance Exchange Adjustment to 2011 savings	Verified True-up	679	679	679	312	0	0	0	0	0	0	0	1	1	1	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%	100%			
HVAC Incentives Adjustment to 2011 savings	Verified True-up	22,963 -1,662	22,963 -1,662	22,963 -1,662	22,963 -1,662	22,963 -1,662	22,963 -1,662	22,963 -1,662	22,963 -1,662	22,963 -1,662	22,963 -1,662	22,963 -1,662	11 -1	11 -1	11 -1	11 -1	11 -1	11 -1	11 -1	11 -1	11 -1	11 -1	100.00% 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%	100%				
Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up	15,266 226	15,266 226	15,266 226	15,266 226	14,043 226	12,706 207	9,936 127	9,871 127	12,431 127	4,749 45	1,538 20	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	0 0	100.00% 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%	0.00%	100%			
Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up	24,136 1,793	24,136 1,793	24,136 1,793	24,136 1,793	22,059 1,793	19,789 1,630	14,920 880	14,865 880	19,212 880	6,165 194	2,220 163	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	0 0	100.00% 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%	0.00%	100%			
Business Program																																								
Retrofit Adjustment to 2011 savings	Verified True-up	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	12 12	40	40	40	40	40	40	40	40	40	40	0.00%	47.41% 47.41%	52.59% 52.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%			
Pre-2011 Programs completed in 2011																																								
Electricity Retrofit Incentive Program Adjustment to 2011 savings	Verified True-up	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	12 12	2	2	2	2	2	2	2	2	2	2	0.00%	47.41% 47.41%	52.59% 52.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%		
High Performance New Construction Adjustment to 2011 savings	Verified True-up	133	133	133	133	133	133	133	133	133	133	133	12 12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%			
Actual CDM Savings in 201																																								

Note: LDC to make note of key assumptions included above

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)										Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)										Rate Allocations for LRAMVA																	
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Residential	GS<50 kW	GS 50-4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting Service									Total			
Consumer Program																																										
Appliance Retirement Adjustment to 2012 savings	Verified	9,146	9,146	9,146	9,146	5,863	0	0	0	0	0	0		1	1	1	1	1	0	0	0	0	0	0	0	kWh	kWh	kW	kWh	KW	KW	0	0	0	0	0	0	0	0	100%		
	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%	0.00%		
Appliance Exchange Adjustment to 2012 savings	Verified	7,800	7,800	7,800	7,494	0	0	0	0	0	0	0		5	5	5	4	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%	0.00%	0.00%	100%
	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%	0.00%	0.00%		
HVAC Incentives Adjustment to 2012 savings	Verified	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109		5	5	5	5	5	5	5	5	5	5	5	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%	0.00%	0.00%	100%	
	True-up	7	7	7	7	7	7	7	7	7	7	7		0	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%	0.00%	0.00%	0.00%	
Conservation Instant Coupon Booklet Adjustment to 2012 savings	Verified	1,148	1,148	1,148	1,148	1,131	1,131	533	530	530	530	86		0	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%	0.00%	0.00%	100%	
	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%	0.00%	0.00%			
Bi-Annual Retailer Event Adjustment to 2012 savings	Verified	21,996	21,996	21,996	21,996	19,773	16,078	10,967	10,944	10,944	5,559	4,125		1	1	1	1	1	1	1	1	1	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%	0.00%	0.00%	100%	
	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%	0.00%	0.00%			
Business Program																																										
Retrofit Adjustment to 2012 savings	Verified	78,652	78,652	78,652	78,652	78,652	14,709	14,415	14,415	14,415	10,442	10,442	12	28	28	28	28	28	9	8	8	8	8	7	7	0.00%	47%	53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%		
	True-up												12													0.00%	47.41%	52.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
Direct Install Lighting Adjustment to 2012 savings	Verified	273,322	273,322	273																																						

LRAMVA Work Form:

Version 5.0 (2021)

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 50-4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting Service									Total													
Legacy Framework																								kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	0	0	0	0								
Residential Program																																																		
Coupon Initiative	Verified	25,714	25,474	25,474	25,474	25,474	25,474	25,474	25,469	25,469	25,469											100.00%																												
Adjustment to 2015 savings	True-up	524	517	517	517	517	517	517	517	517	517											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%	100%												
Bi-Annual Retailer Event Initiative																																																		
Adjustment to 2015 savings	Verified True-up	73,304	71,996	71,996	71,996	71,996	71,996	71,996	71,961	71,961	71,961											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%	100%												
Appliance Retirement Initiative																																																		
Adjustment to 2015 savings	Verified True-up	1,934	1,934	1,934	1,934	407	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%	100%												
HVAC Incentives Initiative																																																		
Adjustment to 2015 savings	Verified True-up	35,603	35,603	35,603	35,603	35,603	35,603	35,603	35,603	35,603	35,603											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%	100%												
Commercial & Institutional Program																																																		
Efficiency: Equipment Replacement Incentive Initiative (excl. Street Lighting)	2017 True-up	135,255	135,255	135,255	135,255	135,255	135,255	129,786	129,786	99,686	70,398													11%	90%												101%													
Adjustment to 2015 savings in 2017		-1,644	-1,644	-1,644	-1,644	-1,644	-1,644	3,824	3,824	33,925	43,774	12										0.00%	10.92%	89.58%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%													
Efficiency: Equipment Replacement Incentive Initiative (Street Lighting)																																																		
Adjustment to 2015 savings	Verified True-up	207,084	207,084	207,084	207,084	207,084	207,084	207,084	207,084	207,084	207,084	12															100.00%											100%												
Process and Systems Upgrades Initiatives - Energy Manager Initiative																																																		
Adjustment to 2015 savings	Verified True-up	5,200	5,200	5,200	5,200	5,200	5,200	5,200	0	0	12																										100%													
Low Income Program																																																		
Low Income Initiative Adjustment to 2015 savings	Verified True-up	2,811	2,407	2,323	2,239	2,239	2,239	2,239	1,647	1,647	12																										100%													
Conservation First Framework																																																		
Residential Province-Wide Programs																																																		
Coupon Initiative	Verified	18,306	18,126	18,126	18,126	18,126	18,126	18,126	18,118	18,118	18,118																																							
Adjustment to 2015 savings	True-up	6,748	6,648	6,648	6,648	6,648	6,648	6,648	6,645	6,645	6,645																										100%													
Save on Energy Heating and Cooling Program																																																		
Adjustment to 2015 savings	Verified True-up	1,029	1,029	1,029	1,029	1,029	1,029	1,029	1,029	1,029	1,029																										100%													
Non-Residential Province-Wide Programs																																																		
Actual CDM Savings in 2015		519,241																																																
Forecast CDM Savings in 2015																																																		
Distribution Rate in 2015																																																		
Lost Revenue in 2015 from 2011 programs																																																		
Lost Revenue in 2015 from 2012 programs																																																		
Lost Revenue in 2015 from 2013 programs																																																		
Lost Revenue in 2015 from 2014 programs																																																		
Lost Revenue in 2015 from 2015 programs																																																		
Total Lost Revenues in 2015																																																		
Forecast Lost Revenues in 2015																																																		
LRAMVA in 2015																																																		
2015 Savings Persisting in 2016																																																		
2015 Savings Persisting in 2017																																																		
2015 Savings Persisting in 2018																																																		
2015 Savings Persisting in 2019																																																		
2015 Savings Persisting in 2020																																																		
2015 Savings Persisting in 2021																																																		
Note: LDC to make note of key assumptions included above																																																		

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)	Rate Allocations for LRAMVA

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Note: LDC to make note of key assumptions included above

[Return to top](#)

Note: LDC to make note of key assumptions included above

[Return to top](#)

[Return to top](#)

[Return to top](#)

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Lost Revenue in 2021 from 2019 programs	\$3.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3.59
Lost Revenue in 2021 from 2020 programs																\$0.00
Lost Revenue in 2021 from 2021 programs																\$0.00
Total Lost Revenues in 2021	\$7,688.72	\$1,245.47	\$7,922.18	\$0.00	\$0.00	\$15,349.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32,206.03
Forecast Lost Revenues in 2021	\$1,647.76	\$687.61	\$1,487.60	\$31.73	\$17.26	\$426.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,298.32
LRAMVA in 2021																\$27,907.71

Note: LDC to make note of key assumptions included above

[Return to top](#)



LRAMVA Work Form:
Carrying Charges by Rate Class

Version 5.0 (2021)

Legend

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

Instructions

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

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.45%
2019 Q2	2.18%
2019 Q3	2.18%
2019 Q4	2.18%
2020 Q1	2.18%

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 50-4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting Service	Total
Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-11	2011	Q1	0.12%	\$0.09	\$0.21	\$0.09	\$0.00	\$0.00	\$0.00	\$0.38
Mar-11	2011	Q1	0.12%	\$0.17	\$0.42	\$0.17	\$0.00	\$0.00	\$0.00	\$0.77
Apr-11	2011	Q2	0.12%	\$0.26	\$0.63	\$0.26	\$0.00	\$0.00	\$0.00	\$1.15
May-11	2011	Q2	0.12%	\$0.35	\$0.84	\$0.34	\$0.00	\$0.00	\$0.00	\$1.53
Jun-11	2011	Q2	0.12%	\$0.43	\$1.05	\$0.43	\$0.00	\$0.00	\$0.00	\$1.92
Jul-11	2011	Q3	0.12%	\$0.52	\$1.27	\$0.51	\$0.00	\$0.00	\$0.00	\$2.30
Aug-11	2011	Q3	0.12%	\$0.61	\$1.48	\$0.60	\$0.00	\$0.00	\$0.00	\$2.68
Sep-11	2011	Q3	0.12%	\$0.69	\$1.69	\$0.69	\$0.00	\$0.00	\$0.00	\$3.07
Oct-11	2011	Q4	0.12%	\$0.78	\$1.90	\$0.77	\$0.00	\$0.00	\$0.00	\$3.45
Nov-11	2011	Q4	0.12%	\$0.87	\$2.11	\$0.86	\$0.00	\$0.00	\$0.00	\$3.83
Dec-11	2011	Q4	0.12%	\$0.95	\$2.32	\$0.94	\$0.00	\$0.00	\$0.00	\$4.22
Total for 2011				\$5.72	\$13.92	\$5.66	\$0.00	\$0.00	\$0.00	\$25.29
Amount Cleared										
Opening Balance for 2012				\$5.72	\$13.92	\$5.66	\$0.00	\$0.00	\$0.00	\$25.29
Jan-12	2011-2012	Q1	0.12%	\$1.04	\$2.53	\$1.03	\$0.00	\$0.00	\$0.00	\$4.60
Feb-12	2011-2012	Q1	0.12%	\$0.78	\$3.18	\$1.05	\$0.00	\$0.00	\$0.00	\$4.97
Mar-12	2011-2012	Q1	0.12%	\$0.52	\$3.84	\$1.07	-\$0.01	\$0.00	\$0.00	\$5.34
Apr-12	2011-2012	Q2	0.12%	\$0.27	\$4.49	\$1.09	-\$0.01	\$0.00	\$0.00	\$5.71
May-12	2011-2012	Q2	0.12%	\$0.01	\$5.14	\$1.10	-\$0.01	-\$0.01	\$0.00	\$6.09
Jun-12	2011-2012	Q2	0.12%	-\$0.25	\$5.80	\$1.12	-\$0.01	-\$0.01	\$0.00	\$6.46
Jul-12	2011-2012	Q3	0.12%	-\$0.50	\$6.45	\$1.14	-\$0.02	-\$0.01	\$0.00	\$6.83
Aug-12	2011-2012	Q3	0.12%	-\$0.76	\$7.10	\$1.16	-\$0.02	-\$0.01	\$0.00	\$7.20
Sep-12	2011-2012	Q3	0.12%	-\$1.02	\$7.75	\$1.18	-\$0.02	-\$0.01	\$0.00	\$7.58
Oct-12	2011-2012	Q4	0.12%	-\$1.28	\$8.41	\$1.20	-\$0.03	-\$0.01	\$0.00	\$7.95
Nov-12	2011-2012	Q4	0.12%	-\$1.53	\$9.06	\$1.22	-\$0.03	-\$0.01	\$0.00	\$8.32
Dec-12	2011-2012	Q4	0.12%	-\$1.79	\$9.71	\$1.24	-\$0.03	-\$0.02	\$0.00	\$8.69
Total for 2012				\$1.21	\$87.38	\$19.25	-\$0.19	-\$0.10	-\$2.53	\$105.03
Amount Cleared										
Opening Balance for 2013				\$1.21	\$87.38	\$19.25	-\$0.19	-\$0.10	-\$2.53	\$105.03
Jan-13	2011-2013	Q1	0.12%	-\$2.05	\$10.37	\$1.26	-\$0.03	-\$0.02	-\$0.46	\$9.06
Feb-13	2011-2013	Q1	0.12%	-\$2.26	\$11.25	\$1.31	-\$0.04	-\$0.02	-\$0.50	\$9.74
Mar-13	2011-2013	Q1	0.12%	-\$2.46	\$12.13	\$1.36	-\$0.04	-\$0.02	-\$0.54	\$10.42
Apr-13	2011-2013	Q2	0.12%	-\$2.67	\$13.01	\$1.41	-\$0.04	-\$0.02	-\$0.59	\$11.10
May-13	2011-2013	Q2	0.12%	-\$2.88	\$13.89	\$1.47	-\$0.05	-\$0.02	-\$0.63	\$11.78
Jun-13	2011-2013	Q2	0.12%	-\$3.09	\$14.77	\$1.52	-\$0.05	-\$0.03	-\$0.67	\$12.46
Jul-13	2011-2013	Q3	0.12%	-\$3.29	\$15.66	\$1.57	-\$0.05	-\$0.03	-\$0.71	\$13.14

2020 Q2	2.18%
2020 Q3	0.57%
2020 Q4	0.57%
2021 Q1	0.57%
2021 Q2	0.57%
2021 Q3	
2021 Q4	
2022 Q1	
2022 Q2	
2022 Q3	
2022 Q4	
2023 Q1	
2023 Q2	
2023 Q3	
2023 Q4	
2024 Q1	
2024 Q2	
2024 Q3	
2024 Q4	
2025 Q1	
2025 Q2	
2025 Q3	
2025 Q4	

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Aug-13	2011-2013	Q3	0.12%	-\$3.50	\$16.54	\$1.62	-\$0.06	-\$0.03	-\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13.82
Sep-13	2011-2013	Q3	0.12%	-\$3.71	\$17.42	\$1.68	-\$0.06	-\$0.03	-\$0.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14.50
Oct-13	2011-2013	Q4	0.12%	-\$3.92	\$18.30	\$1.73	-\$0.06	-\$0.03	-\$0.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15.18
Nov-13	2011-2013	Q4	0.12%	-\$4.12	\$19.18	\$1.78	-\$0.07	-\$0.03	-\$0.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15.86
Dec-13	2011-2013	Q4	0.12%	-\$4.33	\$20.06	\$1.83	-\$0.07	-\$0.04	-\$0.92	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16.54
Total for 2013																		
Amount Cleared																		
Opening Balance for 2014																		
Jan-14	2011-2014	Q1	0.12%	-\$4.54	\$20.94	\$1.89	-\$0.07	-\$0.04	-\$0.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17.21
Feb-14	2011-2014	Q1	0.12%	-\$4.43	\$22.05	\$2.09	-\$0.08	-\$0.04	-\$1.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.59
Mar-14	2011-2014	Q1	0.12%	-\$4.32	\$23.17	\$2.29	-\$0.08	-\$0.04	-\$1.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19.96
Apr-14	2011-2014	Q2	0.12%	-\$4.22	\$24.28	\$2.49	-\$0.08	-\$0.04	-\$1.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.33
May-14	2011-2014	Q2	0.12%	-\$4.11	\$25.39	\$2.69	-\$0.08	-\$0.05	-\$1.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.70
Jun-14	2011-2014	Q2	0.12%	-\$4.00	\$26.50	\$2.89	-\$0.09	-\$0.05	-\$1.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24.08
Jul-14	2011-2014	Q3	0.12%	-\$3.89	\$27.61	\$3.09	-\$0.09	-\$0.05	-\$1.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.45
Aug-14	2011-2014	Q3	0.12%	-\$3.78	\$28.72	\$3.29	-\$0.09	-\$0.05	-\$1.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.82
Sep-14	2011-2014	Q3	0.12%	-\$3.68	\$29.83	\$3.49	-\$0.10	-\$0.05	-\$1.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.19
Oct-14	2011-2014	Q4	0.12%	-\$3.57	\$30.94	\$3.69	-\$0.10	-\$0.05	-\$1.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.56
Nov-14	2011-2014	Q4	0.12%	-\$3.46	\$32.05	\$3.90	-\$0.10	-\$0.06	-\$1.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.94
Dec-14	2011-2014	Q4	0.12%	-\$3.35	\$33.16	\$4.10	-\$0.11	-\$0.06	-\$1.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32.31
Total for 2014																		
Amount Cleared																		
Opening Balance for 2015																		
Jan-15	2011-2015	Q1	0.12%	-\$3.25	\$34.28	\$4.30	-\$0.11	-\$0.06	-\$1.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.68
Feb-15	2011-2015	Q1	0.12%	-\$2.85	\$35.21	\$4.58	-\$0.11	-\$0.06	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.81
Mar-15	2011-2015	Q1	0.12%	-\$2.45	\$36.15	\$4.86	-\$0.12	-\$0.06	\$1.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.94
Apr-15	2011-2015	Q2	0.09%	-\$1.54	\$27.76	\$3.85	-\$0.09	-\$0.05	\$2.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32.23
May-15	2011-2015	Q2	0.09%	-\$1.24	\$28.46	\$4.06	-\$0.09	-\$0.05	\$3.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.57
Jun-15	2011-2015	Q2	0.09%	-\$0.94	\$29.16	\$4.27	-\$0.09	-\$0.05	\$4.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.91
Jul-15	2011-2015	Q3	0.09%	-\$0.65	\$29.86	\$4.49	-\$0.10	-\$0.05	\$5.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.25
Aug-15	2011-2015	Q3	0.09%	-\$0.35	\$30.57	\$4.70	-\$0.10	-\$0.05	\$6.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.60
Sep-15	2011-2015	Q3	0.09%	-\$0.05	\$31.27	\$4.91	-\$0.10	-\$0.05	\$7.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.94
Oct-15	2011-2015	Q4	0.09%	\$0.24	\$31.97	\$5.12	-\$0.10	-\$0.06	\$9.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.28
Nov-15	2011-2015	Q4	0.09%	\$0.54	\$32.67	\$5.33	-\$0.11	-\$0.06	\$10.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.62
Dec-15	2011-2015	Q4	0.09%	\$0.84	\$33.37	\$5.54	-\$0.11	-\$0.06	\$11.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.96
Total for 2015																		
Amount Cleared																		
Opening Balance for 2016																		
Jan-16	2011-2016	Q1	0.09%	\$1.13	\$34.08	\$5.76	-\$0.11	-\$0.06	\$12.51	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$53.30
Feb-16	2011-2016	Q1	0.09%	\$1.85	\$34.79	\$5.97	-\$0.11	-\$0.06	\$13.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$56.08
Mar-16	2011-2016	Q1	0.09%	\$2.57	\$35.50	\$6.18	-\$0.12	-\$0.06	\$14.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$58.86
Apr-16	2011-2016	Q2	0.09%	\$3.29	\$36.22	\$6.39	-\$0.12	-\$0.06	\$15.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$61.64
May-16	2011-2016	Q2	0.09%	\$4.01	\$36.93	\$6.61	-\$0.12	-\$0.07	\$17.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64.42
Jun-16	2011-2016	Q2	0.09%	\$4.72	\$37.64	\$6.82	-\$0.12	-\$0.07	\$18.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$67.20
Jul-16	2011-2016	Q3	0.09%	\$5.44	\$38.35	\$7.03	-\$0.13	-\$0.07	\$19.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$69.98
Aug-16	2011-2016	Q3	0.09%	\$6.16	\$39.07	\$7.25	-\$0.13	-\$0.07	\$20.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$72.76
Sep-16	2011-2016	Q3	0.09%	\$6.88	\$39.78	\$7.46	-\$0.13	-\$0.07	\$21.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75.54
Oct-16	2011-2016	Q4	0.09%	\$7.60	\$40.49	\$7.67	-\$0.13	-\$0.07	\$22.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$78.32
Nov-16	2011-2016	Q4	0.09%	\$8.32	\$41.20	\$7.88	-\$0.14	-\$0.07	\$23.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$81.10
Dec-16	2011-2016	Q4	0.09%	\$9.03	\$41.92	\$8.10	-\$0.14	-\$0.07	\$25.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$83.88
Total for 2016																		
Amount Cleared																		
Opening Balance for 2017																		
Jan-17	2011-2017	Q1	0.09%	\$9.75	\$42.63	\$8.31	-\$0.14	-\$0.08	\$26.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$86.66
Feb-17	2011-2017	Q1	0.09%	\$11.22	\$43.10	\$8.82	-\$0.14	-\$0.08	\$27.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$90.26
Mar-17	2011-2017	Q1	0.09%	\$12.69	\$43.58	\$9.34	-\$0.15	-\$0.08	\$28.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$93.85
Apr-17	2011-2017	Q2	0.09%	\$14.15	\$44.05	\$9.85	-\$0.15	-\$0.08	\$29.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$97.44
May-17	2011-2017	Q2	0.09%	\$15.62	\$44.53	\$10.36	-\$0.15	-\$0.08	\$30.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$101.03
Jun-17	2011-2017	Q2	0.09%	\$17.09	\$45.00	\$10.88	-\$0.15	-\$0.08	\$31.89	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$104.62
Jul-17	2011-2017	Q3	0.09%	\$18.56	\$45.48	\$11.39	-\$0.16	-\$0.08	\$33.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$108.21
Aug-17	2011-2017	Q3	0.09%	\$20.03	\$45.95	\$11.90	-\$0.16	-\$0.08	\$34.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$111.80
Sep-17	2011-2017	Q3	0.09%	\$21.49	\$46.42	\$12.42	-\$0.16	-\$0.09	\$35.31	\$0.00								

Jul-18	2011-2018	Q3	0.16%	\$62.53	\$87.89	\$31.18	-\$0.32	-\$0.17	\$80.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$261.36
Aug-18	2011-2018	Q3	0.16%	\$65.12	\$88.70	\$32.24	-\$0.32	-\$0.17	\$82.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$267.77
Sep-18	2011-2018	Q3	0.16%	\$67.70	\$89.51	\$33.29	-\$0.32	-\$0.18	\$84.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$274.17
Oct-18	2011-2018	Q4	0.18%	\$80.70	\$103.70	\$39.43	-\$0.38	-\$0.20	\$98.89	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$322.14
Nov-18	2011-2018	Q4	0.18%	\$83.67	\$104.63	\$40.64	-\$0.38	-\$0.21	\$101.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$329.49
Dec-18	2011-2018	Q4	0.18%	\$86.64	\$105.56	\$41.85	-\$0.39	-\$0.21	\$103.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$336.84
Total for 2018				\$941.92	\$3,064.23	\$728.65	-\$10.39	-\$5.58	\$1,639.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,357.91
Amount Cleared																		
Opening Balance for 2019				\$941.92	\$3,064.23	\$728.65	-\$10.39	-\$5.58	\$1,639.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,357.91
Jan-19	2011-2019	Q1	0.20%	\$101.17	\$120.23	\$48.62	-\$0.44	-\$0.24	\$119.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$388.60
Feb-19	2011-2019	Q1	0.20%	\$104.52	\$121.28	\$49.98	-\$0.45	-\$0.24	\$121.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$396.90
Mar-19	2011-2019	Q1	0.20%	\$107.88	\$122.33	\$51.35	-\$0.45	-\$0.25	\$124.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$405.20
Apr-19	2011-2019	Q2	0.18%	\$98.97	\$109.78	\$46.91	-\$0.41	-\$0.22	\$112.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$367.93
May-19	2011-2019	Q2	0.18%	\$101.96	\$110.71	\$48.12	-\$0.41	-\$0.22	\$115.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$375.32
Jun-19	2011-2019	Q2	0.18%	\$104.94	\$111.65	\$49.34	-\$0.42	-\$0.23	\$117.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$382.70
Jul-19	2011-2019	Q3	0.18%	\$107.93	\$112.58	\$50.55	-\$0.42	-\$0.23	\$119.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$390.08
Aug-19	2011-2019	Q3	0.18%	\$110.91	\$113.51	\$51.77	-\$0.43	-\$0.23	\$121.94	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$397.47
Sep-19	2011-2019	Q3	0.18%	\$113.90	\$114.45	\$52.98	-\$0.43	-\$0.23	\$124.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$404.85
Oct-19	2011-2019	Q4	0.18%	\$116.88	\$115.38	\$54.20	-\$0.44	-\$0.24	\$126.46	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$412.24
Nov-19	2011-2019	Q4	0.18%	\$119.87	\$116.31	\$55.41	-\$0.44	-\$0.24	\$128.71	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$419.62
Dec-19	2011-2019	Q4	0.18%	\$122.85	\$117.24	\$56.63	-\$0.45	-\$0.24	\$130.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$427.01
Total for 2019				\$2,253.71	\$4,449.68	\$1,344.49	-\$15.58	-\$8.39	\$3,101.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,125.84
Amount Cleared																		
Opening Balance for 2020				\$2,253.71	\$4,449.68	\$1,344.49	-\$15.58	-\$8.39	\$3,101.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,125.84
Jan-20	2011-2020	Q1	0.18%	\$125.84	\$118.18	\$57.84	-\$0.45	-\$0.24	\$133.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$434.39
Feb-20	2011-2020	Q1	0.18%	\$128.63	\$119.07	\$59.04	-\$0.46	-\$0.25	\$135.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$441.53
Mar-20	2011-2020	Q1	0.18%	\$131.43	\$119.97	\$60.24	-\$0.46	-\$0.25	\$137.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$448.67
Apr-20	2011-2020	Q2	0.18%	\$134.22	\$120.86	\$61.44	-\$0.47	-\$0.25	\$140.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$455.81
May-20	2011-2020	Q2	0.18%	\$137.01	\$121.76	\$62.64	-\$0.47	-\$0.25	\$142.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$462.95
Jun-20	2011-2020	Q2	0.18%	\$139.81	\$122.65	\$63.84	-\$0.48	-\$0.26	\$144.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$470.09
Jul-20	2011-2020	Q3	0.05%	\$37.29	\$32.30	\$17.00	-\$0.13	-\$0.07	\$38.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$124.78
Aug-20	2011-2020	Q3	0.05%	\$38.02	\$32.54	\$17.32	-\$0.13	-\$0.07	\$38.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$126.65
Sep-20	2011-2020	Q3	0.05%	\$38.75	\$32.77	\$17.63	-\$0.13	-\$0.07	\$39.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$128.52
Oct-20	2011-2020	Q4	0.05%	\$39.48	\$33.01	\$17.95	-\$0.13	-\$0.07	\$40.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$130.38
Nov-20	2011-2020	Q4	0.05%	\$40.21	\$33.24	\$18.26	-\$0.13	-\$0.07	\$40.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$132.25
Dec-20	2011-2020	Q4	0.05%	\$40.94	\$33.48	\$18.57	-\$0.13	-\$0.07	\$41.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$134.12
Total for 2020				\$3,285.31	\$5,369.51	\$1,816.26	-\$19.13	-\$10.31	\$4,174.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,616.00
Amount Cleared																		
Opening Balance for 2021				\$3,285.31	\$5,369.51	\$1,816.26	-\$19.13	-\$10.31	\$4,174.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,616.00
Jan-21	2011-2021	Q1	0.05%	\$32.90	\$30.90	\$15.12	-\$0.12	-\$0.06	\$34.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$113.58
Feb-21	2011-2021	Q1	0.05%	\$33.63	\$31.13	\$15.44	-\$0.12	-\$0.06	\$35.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$115.45
Mar-21	2011-2021	Q1	0.05%	\$34.36	\$31.37	\$15.75	-\$0.12	-\$0.07	\$36.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$117.31
Apr-21	2011-2021	Q2	0.05%	\$35.09	\$31.60	\$16.06	-\$0.12	-\$0.07	\$36.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$119.18
May-21	2011-2021	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
Jun-21	2011-2021	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
Jul-21	2011-2021	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
Aug-21	2011-2021	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
Sep-21	2011-2021	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
Oct-21	2011-2021	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
Nov-21	2011-2021	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
Dec-21	2011-2021	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
Total for 2021				\$3,421.31	\$5,494.52	\$1,878.63	-\$19.61	-\$10.57	\$4,317.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,081.52
Amount Cleared																		
Opening Balance for 2022				\$3,421.31	\$5,494.52	\$1,878.63	-\$19.61	-\$10.57	\$4,317.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,081.52
Jan-22	2011-2022	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-22	2011-2022	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-22	2011-2022	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-22	2011-2022	Q2																

Supporting Documentation:
LDC Persistence Savings Results from IESO

Version 5.0 (2021)

Legend

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

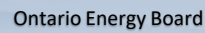
Instructions
(Steps)

- Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.
 - Please identify the source of the report via the dropdown list in Column I.
 - To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by Implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.
 - 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.
 - 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

#	Portfolio	#1	Program	Initiative	LDC	Sector	Conservation Resource Type	#2 (Implementation) Year	#2 (Implementation) Report	#2 Identify Source of Savings	#3 Identify Status of Savings	#1 Net Verified Annual Peak Demand Savings at the End-User Level (kW)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
													2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Ter 1		Consumer	Appliance Exchange	Appliance Exchange	Appliance Exchange	Residential	Residential	2011	2011		Current year savings	0.59	0.59	0.59	0.57																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

Net Verified Annual Energy Savings at the End-User Level (kBWh)																																			
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	2041	2042	2043	2044	2045	
679	679	679	312																																
7,301	7,301	7,301	7,200	5,392																															
24,136	24,136	24,136	24,136	22,059	19,789	14,920	14,865	19,212	6,165	2,220	1,954	1,954	1,954	1,443	1,443	1,311																			
15,246	15,246	15,246	15,246	14,043	12,706	9,836	9,871	12,431	4,749	1,538	1,254	1,254	1,254	1,158	1,158	1,126																			
22,963	22,963	22,963	22,963	22,963	22,963	22,963	22,963	22,963	22,963	22,963	22,963	22,963	22,963	22,963	22,963	22,963																			
284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973	284,973																			
11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396	11,396																			
133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133																			
273,322	273,322	273,322	170,551	170,271	21,370	21,372	20,764	20,764	20,764	20,764	20,764	20,764	20,764	20,764	20,764	10,442	10,442																		
78,652	78,652	78,652	78,652	78,652	14,709	14,415	14,415	10,442	10,442	10,442	10,442	10,442	10,442	10,442	10,442	10,442																			
7,800	7,800	7,800	7,494																																
9,146	9,146	9,146	9,146	5,863																															
21,996	21,996	21,996	21,996	19,773	16,078	10,967	10,944	10,944	5,559	4,125	3,997	3,997	3,997	3,718	3,718	3,667	1,029	1,029	1,029	1,029															
1,148	1,148	1,148	1,148	1,131	1,131	533	530	530	86	69	69	69	69	69	69	57																			
9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109	9,109																			
90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90																			
-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662	-1,662		
1,793	1,793	1,793	1,793	1,630	880	880	880	880	194	163	150	150	150	124	124	124																			
226	226	226	226	207	127	127	127	127	45	20	15	15	15	13	13	13																			
73,952	73,952	73,952	73,952	73,952	69,761	69,761	69,761	69,761	69,445	69,445	38,874	1,790																							
43,022	43,022	41,477	36,101	5,774	5,774	5,774	5,774	5,774	5,397	5,397	5,397	5,397	5,397	5,397	5,397	5,397																			
6,350	6,350	6,086	5,196	5,156	5,156	5,156	5,156	5,152	3,746	3,746	3,498	3,498	3,498	3,358	3,358	3,344	3,344	3,341	3,238	1,901	1,901	1,901													
2,956	2,956	2,956	2,956																																
3,359	3,359	3,359	3,359	2,890																															
14,110	14,110	11,260	10,198	10,358	10,358	10,358	10,358	10,346	8,701	8,701	7,571	4,867	4,867	4,610	4,610	4,578	3,951	2,319	2,319	2,319															
4,725	4,659	4,654	4,422	3,350	3,208	3,208	3,258	3,258	1,555	1,555	966	966	966	966	966	966																			

**Version 5.0 (2021)**

User Inputs (Green)

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).

Project 1:

	kWh	kW
Gross savings	286,820.0	71.8
NTGR	0.72	0.71
Net savings	207,084.36	51.00

Summary of Project #1

Actual lost revenue based on kW billing					
Month	Gross kW before	Gross kW after	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b	c = a - b	d	c * d
Jan-15	101.52	29.69	71.83	0.71	51.0
Feb-15					51.0
Mar-15					51.0
Apr-15					51.0
May-15					51.0
Jun-15					51.0
Jul-15					51.0
Aug-15					51.0
Sep-15					51.0
Oct-15					51.0
Nov-15					51.0
Dec-15					51.0
Total for 2015					612.0
Persistence in 2016					612.0
Persistence in 2017					612.0
Persistence in 2018					612.0
Persistence in 2019					612.0
Persistence in 2020					612.0
Persistence in 2021					612.0

Pre-conversion billing demand

[illegible]

Post-conversion billing demand

[illegible]

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