



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

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

Tab	Instructions
LRAMVA Checklist/Schematic Tab	<p>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., 2017, 2018, 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:</p> <ul style="list-style-type: none"> o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved. o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable. o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tab 3-a. Rate Class Allocations	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
Tabs 4 and 5 (2011-2020)	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO. o Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used. o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change. o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
Tab 7. Persistence Report	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).



LRAMVA Work Form: Checklist and Schematic

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., 2018, 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.

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

Legend

Drop Down List (Blue)

Important Checklist

Yes	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
Yes	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
Yes	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
Yes	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
Yes	o Apply the IESO verified savings adjustments to the year it relates to.
Not Applicable	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
Yes	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

Greater Sudbury 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-2018-0034
Application of Previous LRAMVA Claim	2019 IRM Application
Period of LRAMVA Claimed in Previous Application	2012-2016
Amount of LRAMVA Claimed in Previous Application	\$ 45,723.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	
Application of Current LRAMVA Claim	
Period of New LRAMVA in this Application	2017/2018
Period of Rate Recovery (# years)	2

Actual Lost Revenues (\$)	A	\$ 798,809
Forecast Lost Revenues (\$)	B	\$ 165,660
Carrying Charges (\$)	C	\$ 30,754
LRAMVA (\$) for Account 1568	A-B+C	\$ 663,903

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	\$174,406.03	\$8,825.82	\$183,231.85
GS<50 kW	kWh	\$170,426.97	\$8,090.47	\$178,517.45
GS 50 to 4,999	kW	\$287,433.52	\$13,794.69	\$301,228.21
USL	kWh	\$0.00	\$0.00	\$0.00
Sentinel Lighting	kW	\$460.17	\$22.35	\$482.52
Street Lighting	kW	\$422.03	\$20.49	\$442.53
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$633,149	\$30,754	\$663,903

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 to 4,999	USL	Sentinel Lighting	Street Lighting	Total
		kWh	kWh	kW	kWh	kW	kW	
2016 Actuals	<input checked="" type="checkbox"/>							
2016 Forecast								
Amount Cleared								
2017 Actuals	<input type="checkbox"/>	\$152,601.62	\$111,146.97	\$142,790.99	\$0.00	\$228.91	\$340.81	\$407,109.29
2017 Forecast		(\$42,584.05)	(\$38,459.95)	(\$10,438.92)	\$0.00	\$0.00	(\$130.87)	(\$91,613.80)
Amount Cleared								
2018 Actuals		\$88,888.88	\$136,606.89	\$165,628.01	\$0.00	\$231.26	\$344.32	\$391,699.37
2018 Forecast		(\$24,500.41)	(\$38,866.93)	(\$10,546.56)	\$0.00	\$0.00	(\$132.22)	(\$74,046.13)
Amount Cleared								
Carrying Charges		\$8,825.82	\$8,090.47	\$13,794.69	\$0.00	\$22.35	\$20.49	\$30,753.82
Total LRAMVA Balance		\$183,232	\$178,517	\$301,228	\$0	\$483	\$443	\$663,902.56

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



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	5. 2015-2020 LRAM	B335	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program added	Program not included
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

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

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

LRAMVA Work Form: Forecast Lost Revenues

Version 3.0 (2019)

Legend

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

Table 2-a. LRAMVA Threshold

2013

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

	Total	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting								
		kWh	kWh	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	13,566,120	5,833,432	2,034,918	5,562,109			135,661								
kW	2,457			2,408			49								
Summary		5833432	2034918	2408	0	0	49	0	0	0	0	0	0	0	0

Years Included in Threshold 2011-2013 (Half 2011/2013 - full 2012)

Source of Threshold EB-2012-0126 Settlement Agreement, p. 20 (Share of kWh)

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 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting								
		kWh	kWh	kW	kWh	kW	kW	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 to 4,999	USL	Sentinel Lighting	Street Lighting								
		kWh	kWh	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	5,833,432	2,034,918	2,408	0	0	49	0	0	0	0	0	0	0	0
2014	2013	5,833,432	2,034,918	2,408	0	0	49	0	0	0	0	0	0	0	0
2015	2013	5,833,432	2,034,918	2,408	0	0	49	0	0	0	0	0	0	0	0
2016	2013	5,833,432	2,034,918	2,408	0	0	49	0	0	0	0	0	0	0	0
2017	2013	5,833,432	2,034,918	2,408	0	0	49	0	0	0	0	0	0	0	0
2018	2013	5,833,432	2,034,918	2,408	0	0	49	0	0	0	0	0	0	0	0

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



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-2009-0225	EB-2010-0083	EB-2011-0169	EB-2012-0126	EB-2013-0131	EB-2014-0075	EB-2015-0071	EB-2016-0072	EB-2017-0042	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		7	4	4	4	4	4	4	4	4			
Period 2 (# months)		5	8	8	8	8	8	8	8	8	12	12	12
Residential		\$ 0.0123	\$ 0.0123	\$ 0.0124	\$ 0.0121	\$ 0.0123	\$ 0.0124	\$ 0.0093	\$ 0.0063	\$ 0.0032			
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 0.0123	\$ 0.0123	\$ 0.0124	\$ 0.0121	\$ 0.0123	\$ 0.0124	\$ 0.0093	\$ 0.0063	\$ 0.0032	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 0.0123	\$ 0.0123	\$ 0.0124	\$ 0.0122	\$ 0.0122	\$ 0.0124	\$ 0.0103	\$ 0.0073	\$ 0.0042	\$ -	\$ -	\$ -
GS<50 kW		\$ 0.0187	\$ 0.0184	\$ 0.0186	\$ 0.0182	\$ 0.0185	\$ 0.0187	\$ 0.0187	\$ 0.0190	\$ 0.0191			
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 0.0187	\$ 0.0184	\$ 0.0186	\$ 0.0182	\$ 0.0185	\$ 0.0187	\$ 0.0187	\$ 0.0190	\$ 0.0191	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 0.0187	\$ 0.0185	\$ 0.0185	\$ 0.0183	\$ 0.0184	\$ 0.0186	\$ 0.0187	\$ 0.0189	\$ 0.0191	\$ -	\$ -	\$ -
GS 50 to 4,999		\$ 4.3627	\$ 4.2336	\$ 4.2709	\$ 4.1821	\$ 4.2406	\$ 4.2894	\$ 4.2894	\$ 4.3580	\$ 4.3907			
Rate rider for tax sharing	kW												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 4.3627	\$ 4.2336	\$ 4.2709	\$ 4.1821	\$ 4.2406	\$ 4.2894	\$ 4.2894	\$ 4.3580	\$ 4.3907	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 4.3627	\$ 4.2766	\$ 4.2585	\$ 4.2117	\$ 4.2211	\$ 4.2731	\$ 4.2894	\$ 4.3351	\$ 4.3798	\$ -	\$ -	\$ -
USL		\$ 0.0124	\$ 0.0122	\$ 0.0123	\$ 0.0105	\$ 0.0106	\$ 0.0107	\$ 0.0107	\$ 0.0109	\$ 0.0110			
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 0.0124	\$ 0.0122	\$ 0.0123	\$ 0.0105	\$ 0.0106	\$ 0.0107	\$ 0.0107	\$ 0.0107	\$ 0.0109	\$ 0.0110	\$ -	\$ -
Calendar year equivalent		\$ 0.0124	\$ 0.0123	\$ 0.0123	\$ 0.0111	\$ 0.0106	\$ 0.0107	\$ 0.0107	\$ 0.0108	\$ 0.0110	\$ -	\$ -	\$ -
Sentinel Lighting		\$ 10.3336	\$ 11.7670	\$ 11.8706	\$ 12.3008	\$ 12.4730	\$ 12.6164	\$ 12.6164	\$ 12.8183	\$ 12.9144			
Rate rider for tax sharing	kW												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 10.3336	\$ 11.7670	\$ 11.8706	\$ 12.3008	\$ 12.4730	\$ 12.6164	\$ 12.6164	\$ 12.8183	\$ 12.9144	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 10.3336	\$ 11.2892	\$ 11.8361	\$ 12.1574	\$ 12.4156	\$ 12.5686	\$ 12.6164	\$ 12.7510	\$ 12.8824	\$ -	\$ -	\$ -
Street Lighting		\$ 8.4525	\$ 10.7227	\$ 10.8171	\$ 2.5766	\$ 2.6127	\$ 2.6427	\$ 2.6427	\$ 2.6850	\$ 2.7051			
Rate rider for tax sharing	kW												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ 8.4525	\$ 10.7227	\$ 10.8171	\$ 2.5766	\$ 2.6127	\$ 2.6427	\$ 2.6427	\$ 2.6850	\$ 2.7051	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 8.4525	\$ 9.9660	\$ 10.7856	\$ 5.3234	\$ 2.6007	\$ 2.6327	\$ 2.6427	\$ 2.6709	\$ 2.6984	\$ -	\$ -	\$ -
0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate rider for tax sharing	0												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate rider for tax sharing	0												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate rider for tax sharing	0												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate rider for tax sharing	0												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate rider for tax sharing	0												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

Table 3-a. Distribution Rates by Rate Class

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

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

Year	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting	0	0	0	0	0	0	0
	kWh	kWh	kWh	kWh	kWh	kWh	0	0	0	0	0	0	0
2011	\$0.0123	\$0.0185	\$4.2766	\$0.0123	\$11.2892	\$9.9660	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0124	\$0.0185	\$4.2585	\$0.0123	\$11.8361	\$10.7856	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0122	\$0.0183	\$4.2117	\$0.0111	\$12.1574	\$5.3234	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0122	\$0.0184	\$4.2211	\$0.0106	\$12.4156	\$2.6007	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0124	\$0.0186	\$4.2731	\$0.0107	\$12.5686	\$2.6327	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0103	\$0.0187	\$4.2894	\$0.0107	\$12.6164	\$2.6427	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0073	\$0.0189	\$4.3351	\$0.0108	\$12.7510	\$2.6709	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

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



LRAMVA Work Form: Determination of Rate Class Allocations

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.

Greater Sudbury's class allocations are based on the relevant program sectors. Where a program is used by more than one class (ie. Retrofit), project lists were used to group savings by each class. The total consumption savings of projects within each class were divided by the total savings for the program in a given year to determine the share of allocation by class.

	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting
2011	Appliance Retirement	100%	0%	0%	0%	0%
	Appliance Exchange	100%	0%	0%	0%	0%
	HVAC Incentives	100%	0%	0%	0%	0%
	Conservation Instant Coupon Booklet	100%	0%	0%	0%	0%
	Bi-Annual Retailer Event	100%	0%	0%	0%	0%
	Retailer Co-op	100%	0%	0%	0%	0%
	Retrofit	0%	88%	0%	12%	0%
	Direct Install Lighting	0%	100%	0%	0%	0%
	Retrofit	0%	0%	100%	0%	0%
	Electricity Retrofit Incentive Program	0%	0%	100%	0%	0%
High Performance New Construction	0%	0%	100%	0%	0%	
2012	Appliance Retirement	100%	0%	0%	0%	0%
	Appliance Exchange	100%	0%	0%	0%	0%
	HVAC Incentives	100%	0%	0%	0%	0%
	Conservation Instant Coupon Booklet	100%	0%	0%	0%	0%
	Bi-Annual Retailer Event	100%	0%	0%	0%	0%
	Residential New Construction	100%	0%	0%	0%	0%
	Retrofit	0%	37%	63%	0%	0%
	Direct Install Lighting	0%	100%	0%	0%	0%
	Energy Audit	0%	0%	100%	0%	0%
	High Performance New Construction	0%	0%	100%	0%	0%
2013	Appliance Retirement	100%	0%	0%	0%	0%
	Appliance Exchange	100%	0%	0%	0%	0%
	HVAC Incentives	100%	0%	0%	0%	0%
	Conservation Instant Coupon Booklet	100%	0%	0%	0%	0%
	Bi-Annual Retailer Event	100%	0%	0%	0%	0%
	Residential New Construction	100%	0%	0%	0%	0%
	Retrofit	0%	37%	63%	0%	0%
	Direct Install Lighting	0%	100%	0%	0%	0%
	Energy Audit	0%	0%	100%	0%	0%
	Energy Manager	0%	0%	100%	0%	0%
Home Assistance Program	100%	0%	0%	0%	0%	
2014	Appliance Retirement	100%	0%	0%	0%	0%
	Appliance Exchange	100%	0%	0%	0%	0%
	HVAC Incentives	100%	0%	0%	0%	0%
	Conservation Instant Coupon Booklet	100%	0%	0%	0%	0%
	Bi-Annual Retailer Event	100%	0%	0%	0%	0%
	Residential New Construction	100%	0%	0%	0%	0%
	Retrofit	0%	11%	87%	0%	2%
	Direct Install Lighting	0%	100%	0%	0%	0%
	Energy Audit	0%	0%	100%	0%	0%
	Energy Manager	0%	0%	100%	0%	0%
Home Assistance Program	100%	0%	0%	0%	0%	
High Performance New Construction	0%	0%	100%	0%	0%	
Program Enabled Savings	100%	0%	0%	0%	0%	
Time of Use Savings	100%	0%	0%	0%	0%	
2015	Coupon Initiative	100%	0%	0%	0%	0%
	Bi-Annual Retailer Event Initiative	100%	0%	0%	0%	0%
	Appliance Retirement Initiative	100%	0%	0%	0%	0%
	HVAC Incentives Initiative	100%	0%	0%	0%	0%
	Residential New Construction and Major Renovation Initiative	100%	0%	0%	0%	0%
	Energy Audit Initiative	0%	10%	90%	0%	0%
	Efficiency: Equipment Replacement Incentive Initiative	0%	26%	74%	0%	0%
	Direct Install Lighting and Water Heating Initiative	0%	100%	0%	0%	0%
	New Construction and Major Renovation Initiative	0%	0%	100%	0%	0%
	Process and Systems Upgrades Initiatives - Project Incentive Initiative	0%	0%	100%	0%	0%
Process and Systems Upgrades Initiatives - Energy Manager Initiative	0%	0%	100%	0%	0%	
Low Income Initiative	100%	0%	0%	0%	0%	
Save on Energy Coupon Program	100%	0%	0%	0%	0%	
Save on Energy Heating and Cooling Program	100%	0%	0%	0%	0%	
Save on Energy Retrofit Program	0%	13%	87%	0%	0%	
Save on Energy Coupon Program	100%	0%	0%	0%	0%	
Save on Energy Heating and Cooling Program	100%	0%	0%	0%	0%	
Save on Energy Audit Funding Program	0%	0%	100%	0%	0%	
Save on Energy Retrofit Program	0%	20.1%	79.7%	0%	0.2%	
Save on Energy Energy Manager Program	0%	0%	100%	0%	0%	
Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	100%	0%	0%	0%	0%	
2016	Save on Energy Coupon Program	100%	0%	0%	0%	0%
	Save on Energy Heating and Cooling Program	100.00%	0.00%	0.00%	0.00%	0.00%
	Save on Energy Instant Discount Program	100.00%	0.00%	0.00%	0.00%	0.00%
	Save on Energy Retrofit Program	0.00%	36.30%	63.70%	0.00%	0.00%
	Save on Energy High Performance New Construction Program	0.00%	0.00%	100.00%	0.00%	0.00%
	Save on Energy Energy Performance Program for Multi-Site Customers	0.00%	0.00%	100.00%	0.00%	0.00%
	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	100.00%	0.00%	0.00%	0.00%	0.00%
	Whole Home Pilot Program	100.00%	0.00%	0.00%	0.00%	0.00%
	Save on Energy Instant Discount Program	100.00%	0.00%	0.00%	0.00%	0.00%
	Save on Energy Heating and Cooling Program	100.00%	0.00%	0.00%	0.00%	0.00%
2017	Save on Energy Heating and Cooling Program	100.00%	0.00%	0.00%	0.00%	0.00%
	Save on Energy Instant Discount Program	0.00%	30.00%	70.00%	0.00%	0.00%
	Save on Energy Retrofit Program	0.00%	36.30%	63.70%	0.00%	0.00%
	Save on Energy High Performance New Construction Program	0.00%	0.00%	100.00%	0.00%	0.00%
	Save on Energy Energy Performance Program for Multi-Site Customers	0.00%	0.00%	100.00%	0.00%	0.00%
2018	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	100.00%	0.00%	0.00%	0.00%	0.00%
	Whole Home Pilot Program	100.00%	0.00%	0.00%	0.00%	0.00%
	Save on Energy Instant Discount Program	100.00%	0.00%	0.00%	0.00%	0.00%
	Save on Energy Heating and Cooling Program	100.00%	0.00%	0.00%	0.00%	0.00%
	Save on Energy Small Business Lighting Program	0.00%	100.00%	0.00%	0.00%	0.00%
Save on Energy High Performance New Construction Program	0.00%	0.00%	100.00%	0.00%	0.00%	
Save on Energy Business Refrigeration Program	0.00%	63.00%	43.00%	0.00%	0.00%	

	Retrofit		Bus. Refrigeration	
	kWh	kw	kWh	kw
GS < 50	30%	28%	63%	57%
GS > 50	70%	72%	37%	43%

Note:
kWh % used for GS < 50
kW % used for GS > 50



Ontario Energy Board

LRAMVA Work Form: Documentation for Streetlighting Projects

Version 3.0 (2019)

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).