



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

- Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
- Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
- 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
- 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
- Apply the IESO verified savings adjustments to the year it relates to.
- 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
- 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: Rideau St Lawrence Distribution 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-2017-0265
Application of Previous LRAMVA Claim	2018 IRM Application
Period of LRAMVA Claimed in Previous Application	2015
Amount of LRAMVA Claimed in Previous Application	\$ 32,042.57

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-20XX-XXXX
Application of Current LRAMVA Claim	2019 IRM Application
Period of New LRAMVA in this Application	2016
Period of Rate Recovery (# years)	

C. Documentation of Changes

Original Amount	
Amount for Final Disposition	

Actual Lost Revenues (\$)	A	\$	55,993
Forecast Lost Revenues (\$)	B	\$	11,203
Carrying Charges (\$)	C	\$	1,922
LRAMVA (\$) for Account 1568	A-B+C	\$	46,712

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	\$11,048	\$474	\$11,522
GS<50 kW	kWh	\$11,533	\$495	\$12,028
GS 50 TO 4,999 KW	kW	\$4,760	\$204	\$4,965
Street Lighting	kW	\$17,448	\$749	\$18,197
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$44,790	\$1,922	\$46,712

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 KW	Street Lighting											Total
		kWh	kWh	kW	kW	0	0	0	0	0	0	0	0	0		
2011 Actuals	<input checked="" type="checkbox"/>					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals	<input checked="" type="checkbox"/>					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2013 Actuals	<input checked="" type="checkbox"/>					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2014 Actuals	<input checked="" type="checkbox"/>					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2015 Actuals	<input checked="" type="checkbox"/>					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2016 Actuals	<input type="checkbox"/>	\$18,883.39	\$13,668.02	\$5,993.18	\$17,448.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55,993.03
2016 Forecast		(\$7,835.03)	(\$2,134.82)	(\$1,232.85)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$11,202.70)
Amount Cleared																
2017 Actuals	<input type="checkbox"/>					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2018 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2019 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2020 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
Carrying Charges		\$473.97	\$494.77	\$204.22	\$748.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,921.51
Total LRAMVA Balance		\$11,522	\$12,028	\$4,965	\$18,197	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$46,712

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	1. LRAMVA Summary	G69	Change formular to calculate lost revenue in street lighting	RSL lost revenue in street lighting due to implementation of LED projects in 2014 and 2015. But the savings are not included in the OPA final results.
2	6. Carrying Charges	C46, C47, C48	Add interest rate 2.17% for 2018 Q4, 2019 Q1, 2019 Q2	Use 2018 Q4 interest rate for these periods. Will update the interest rates as requested when new rates are available.
3	6. Carrying Charges	H139, H140	Delete formulars	Calculate carrying charge up to April 2019 only.
4	5. 2015-2020 LRAM	Z305, AA305	Change the default allocation for saving adjustment	We use the same method to calculate the split between rate classes for both new program savings and its adjustment.
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 2008

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 KW	Street Lighting										
		kWh	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0	0	0												
kW	0			0											
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold N/A
 Source of Threshold 2008 Settlement Agreement, EB-2007-0762

Table 2-b. LRAMVA Threshold 2012

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 KW	Street Lighting										
		kWh	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	754,381	522,335	232,046												
kW	631			631											
Summary		522335	232046	631	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold 2012
 Source of Threshold 2012 Settlement Agreement, EB-2011-0274

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 KW	Street Lighting										
		kWh	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	2012	522,335	232,046	631	0	0	0	0	0	0	0	0	0	0	0
2013	2012	522,335	232,046	631	0	0	0	0	0	0	0	0	0	0	0
2014	2012	522,335	232,046	631	0	0	0	0	0	0	0	0	0	0	0
2015	2012	522,335	232,046	631	0	0	0	0	0	0	0	0	0	0	0
2016	2012	522,335	232,046	631	0	0	0	0	0	0	0	0	0	0	0

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

**LRAMVA Work Form:
Distribution Rates**

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-2009-0248	EB-2010-0113	EB-2011-0274	EB-2012-0164	EB-2013-0169	EB-2014-0111	EB-2014-0111	EB-2015-0100	EB-2017-XXXX	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)	4	4	6	4	4	4	12	6				
Period 2 (# months)	8	8	6	8	8	8	0	6	12	12	12	12
Residential												
Rate rider for tax sharing	\$ 0.0117	\$ 0.0117	\$ 0.0145	\$ 0.0146	\$ 0.0148	\$ 0.0150	\$ 0.0150	\$ 0.0122				
Rate rider for forgone revenue												
Other												
Adjusted rate	\$ 0.0117	\$ 0.0117	\$ 0.0145	\$ 0.0146	\$ 0.0148	\$ 0.0150	\$ 0.0150	\$ 0.0122				
Calendar year equivalent	\$ 0.0117	\$ 0.0117	\$ 0.0131	\$ 0.0146	\$ 0.0147	\$ 0.0149	\$ 0.0150	\$ 0.0136	\$ -	\$ -	\$ -	\$ -
GS-50 kW												
Rate rider for tax sharing	\$ 0.0074	\$ 0.0074	\$ 0.0090	\$ 0.0090	\$ 0.0091	\$ 0.0092	\$ 0.0092	\$ 0.0110				
Rate rider for forgone revenue												
Other												
Adjusted rate	\$ 0.0074	\$ 0.0074	\$ 0.0090	\$ 0.0090	\$ 0.0091	\$ 0.0092	\$ 0.0092	\$ 0.0110	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ 0.0074	\$ 0.0074	\$ 0.0062	\$ 0.0090	\$ 0.0091	\$ 0.0092	\$ 0.0092	\$ 0.0101	\$ -	\$ -	\$ -	\$ -
GS 50 TO 4,999 KW												
Rate rider for tax sharing	\$ 1.2451	\$ 1.2473	\$ 1.8902	\$ 1.8993	\$ 1.9287	\$ 1.9538	\$ 1.9538	\$ 2.2394				
Rate rider for forgone revenue												
Other												
Adjusted rate	\$ 1.2451	\$ 1.2473	\$ 1.8902	\$ 1.8993	\$ 1.9287	\$ 1.9538	\$ 1.9538	\$ 2.2394	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ 1.2451	\$ 1.2466	\$ 1.5688	\$ 1.8963	\$ 1.9189	\$ 1.9454	\$ 1.9538	\$ 2.0966	\$ -	\$ -	\$ -	\$ -
Street Lighting												
Rate rider for tax sharing	\$ 8.7236	\$ 8.7393	\$ 12.7064	\$ 12.7674	\$ 12.9653	\$ 13.1338	\$ 13.1338	\$ 12.7431				
Rate rider for forgone revenue												
Other												
Adjusted rate	\$ 8.7236	\$ 8.7393	\$ 12.7064	\$ 12.7674	\$ 12.9653	\$ 13.1338	\$ 13.1338	\$ 12.7431	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ 8.7236	\$ 8.7341	\$ 10.7229	\$ 12.7471	\$ 12.8993	\$ 13.0776	\$ 13.1338	\$ 12.9385	\$ -	\$ -	\$ -	\$ -
0												
Rate rider for tax sharing												
Rate rider for forgone 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 KW	Street Lighting	0									
	kWh	kWh	kWh	kWh	0	0	0	0	0	0	0	0	0	0
2011	\$0.0117	\$0.0074	\$1.2466	\$8.7341	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0131	\$0.0092	\$1.5688	\$10.7229	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0146	\$0.0090	\$1.8963	\$12.7471	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0147	\$0.0091	\$1.9189	\$12.8993	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0149	\$0.0092	\$1.9454	\$13.0776	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0150	\$0.0092	\$1.9538	\$13.1338	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0136	\$0.0101	\$2.0966	\$12.9385	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

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

LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

Version 3.0 (2019)

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

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

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

Program		Results Status	Net Energy Savings (kWh)		Net Energy Savings Persistence (kWh)							Monthly Multiplier	Net Demand Savings (kW)		Net Peak Demand Savings Persistence (kW)							Rate Allocations for LRAMVA															
			2011	2012	2013	2014	2015	2016	2017	2018	2019		2020	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Residential	GS<50 kW	GS 50 TO 4,999 kW	Street Lighting									Total	
Consumer Program																						kWh	kWh	kW	kW												
1	Appliance Retirement Adjustment to 2011 savings	Verified True-up	43,726	43,726	43,726	43,524	29,725	0	0			12	6	6	6	6	4	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%
2	Appliance Exchange Adjustment to 2011 savings	Verified True-up	1,139	1,139	1,139	64	0	0	0			12	1	1	1	0	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%
3	HVAC Incentives Adjustment to 2011 savings	Verified True-up	61,704	61,704	61,704	61,704	61,704	61,704	61,704			12	31	31	31	31	31	31	31			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%
4	Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up	20,878	20,878	20,878	19,210	17,387	13,551				12	1	1	1	1	1	1	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%	
5	Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up	32,918	32,918	32,918	32,918	30,084	26,989	20,348			12	2	2	2	2	2	2	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%	
6	Retailer Co-op Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0			12	0	0	0	0	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%
7	Residential Demand Response Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
8	Residential Demand Response (IHD) Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
9	Residential New Construction Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Business Program																																					
10	Retrofit Adjustment to 2011 savings	Verified True-up	340,676	340,676	340,676	340,676	340,676	340,676				12	62	62	62	62	62	62	62			50.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
11	Direct Install Lighting Adjustment to 2011 savings	Verified True-up	267,169	267,169	267,169	182,290	182,290	182,290	19,233			12	106	106	106	75	75	75	8			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%	
12	Building Commissioning Adjustment to 2011 savings	Verified True-up	5,137	5,137	5,137	4,940	4,940	4,940	740			12	3	3	3	3	3	3	0			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
13	New Construction Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
14	Energy Audit Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
15	Small Commercial Demand Response Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
16	Small Commercial Demand Response (IHD) Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
17	Demand Response 3 Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
Industrial Program																																					
18	Process & System Upgrades Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
19	Monitoring & Targeting Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
20	Energy Manager Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
21	Retrofit Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
22	Demand Response 3 Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
Home Assistance Program																																					
23	Home Assistance Program Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
Aboriginal Program																																					
24	Home Assistance Program Adjustment to 2011 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		

21	Retrofit Adjustment to 2014 savings	Verified True-up																			12	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
22	Demand Response 3 Adjustment to 2014 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.00%	100%			
Home Assistance Program																																									
23	Home Assistance Program Adjustment to 2014 savings	Verified True-up	32,836	32,814	29,779	28,348	26,918	26,918	25,395	25,395	12,007	11,885									3	3	3	3	3	3	2	2	2	2						100.00%	100%				
Aboriginal Program																																									
24	Home Assistance Program Adjustment to 2014 savings	Verified True-up																																						0%	
25	Direct Install Lighting Adjustment to 2014 savings	Verified True-up										0																												0%	
Pre-2011 Programs completed in 2011																																									
26	Electricity Retrofit Incentive Program Adjustment to 2014 savings	Verified True-up										12																												0%	
27	High Performance New Construction Adjustment to 2014 savings	Verified True-up										12																												0%	
28	Toronto Comprehensive Adjustment to 2014 savings	Verified True-up										0																												0%	
29	Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	Verified True-up										0																												0%	
30	LDC Custom Programs Adjustment to 2014 savings	Verified True-up										0																												0%	
Other																																									
31	Program Enabled Savings Adjustment to 2014 savings	Verified True-up										0																												0%	
32	Time of Use Savings Adjustment to 2014 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.00%	100%	
33	LDC Pilots Adjustment to 2014 savings	Verified True-up										0																												0%	
Actual CDM Savings in 2014			1,082,236																																						
Forecast CDM Savings in 2014																																									
Distribution Rate in 2014																																								\$0.01470	
Lost Revenue in 2014 from 2011 programs																																								\$2,223.68	
Lost Revenue in 2014 from 2012 programs																																								\$1,915.94	
Lost Revenue in 2014 from 2013 programs																																								\$2,175.99	
Lost Revenue in 2014 from 2014 programs																																								\$4,340.01	
Total Lost Revenues in 2014																																								\$10,655.63	
Forecast Lost Revenues in 2014																																								\$7,678.32	
LRAMVA in 2014																																								\$2,111.62	
2014 Savings Persisting in 2015																																								274,804	
2014 Savings Persisting in 2016																																								261,213	
2014 Savings Persisting in 2017																																								259,469	
2014 Savings Persisting in 2018																																								240,278	
2014 Savings Persisting in 2019																																								220,271	
2014 Savings Persisting in 2020																																								218,748	

Note: LDC to make note of key assumptions included above

1	Coupon Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
2	Bi-Annual Retailer Event Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
3	Appliance Retirement Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
4	HVAC Incentives Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
5	Residential New Construction and Major Renovation Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
Commercial & Institutional Program																				
6	Energy Audit Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
7	Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
8	Direct Install Lighting and Water Heating Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
9	New Construction and Major Renovation Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
10	Existing Building Commissioning Incentive Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
Industrial Program																				
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
Low Income Program																				
14	Low Income Initiative Adjustment to 2017 savings	Verified																		0%
		True-up																		
Other																				
15	Aboriginal Conservation Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
16	Program Enabled Savings Adjustment to 2017 savings	Verified																		0%
		True-up																		
Conservation Fund Pilots																				
17	Conservation Fund Pilot - EnerNOC Adjustment to 2017 savings	Verified																		0%
		True-up																		
18	Loblaws Pilot Adjustment to 2017 savings	Verified																		0%
		True-up																		
19	Conservation Fund Pilot - SEG Adjustment to 2017 savings	Verified																		0%
		True-up																		
20	Social Benchmarking Pilot Adjustment to 2017 savings	Verified																		0%
		True-up																		
Conservation First Framework																				
Residential Province-Wide Programs																				
21	Save on Energy Coupon Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
22	Save on Energy Heating and Cooling Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
23	Save on Energy New Construction Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
24	Save on Energy Home Assistance Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
Non-Residential Province-Wide Programs																				
25	Save on Energy Audit Funding Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
26	Save on Energy Retrofit Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
27	Save on Energy Small Business Lighting Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
28	Save on Energy High Performance New Construction Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
29	Save on Energy Existing Building Commissioning Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
30	Save on Energy Process & Systems Upgrades Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
31	Save on Energy Monitoring & Targeting Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
32	Save on Energy Energy Manager Program Adjustment to 2017 savings	Verified																		0%
		True-up																		
Local & Regional Programs																				
33	Business Refrigeration Local Program Adjustment to 2017 savings	Verified																		0%
		True-up																		

Program	Results Status	Net Energy Savings Persistence (kWh)											Monthly Multiplier	Net Peak Demand Savings Persistence (kW)											Rate Allocations for LRAMVA											Total			
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Residential	GS-50 kW	GS 50 TO 4,999 KW	Street Lighting												
Legacy Framework																																							
Actual CDM Savings in 2019		0																																				0	
Forecast CDM Savings in 2019		0																																				0	
Distribution Rate in 2019																																						\$0.00000	
Lost Revenue in 2019 from 2011 programs																																					\$0.00		
Lost Revenue in 2019 from 2012 programs																																					\$0.00		
Lost Revenue in 2019 from 2013 programs																																					\$0.00		
Lost Revenue in 2019 from 2014 programs																																					\$0.00		
Lost Revenue in 2019 from 2015 programs																																					\$0.00		
Lost Revenue in 2019 from 2016 programs																																					\$0.00		
Lost Revenue in 2019 from 2017 programs																																					\$0.00		
Lost Revenue in 2019 from 2018 programs																																					\$0.00		
Lost Revenue in 2019 from 2019 programs																																					\$0.00		
Total Lost Revenues in 2019																																					\$0.00		
Forecast Lost Revenues in 2019																																					\$0.00		
LRAMVA in 2019																																					\$0.00		
2019 Savings Persisting in 2020																																							
																																					0		

Note: LDC to make note of key assumptions included above

Table 5-f. 2020 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings Persistence (kWh)											Monthly Multiplier	Net Peak Demand Savings Persistence (kW)											Rate Allocations for LRAMVA											Total				
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2020		2021	2022	2023	2024	2025	2026	2027	2028	2029	Residential	GS-50 kW	GS 50 TO 4,999 KW	Street Lighting														
Legacy Framework																																								
Actual CDM Savings in 2020		0																																			0			
Forecast CDM Savings in 2020		0																																				0		
Distribution Rate in 2020																																					\$0.00000			
Lost Revenue in 2020 from 2011 programs																																					\$0.00			
Lost Revenue in 2020 from 2012 programs																																					\$0.00			
Lost Revenue in 2020 from 2013 programs																																					\$0.00			
Lost Revenue in 2020 from 2014 programs																																					\$0.00			
Lost Revenue in 2020 from 2015 programs																																					\$0.00			
Lost Revenue in 2020 from 2016 programs																																					\$0.00			
Lost Revenue in 2020 from 2017 programs																																					\$0.00			
Lost Revenue in 2020 from 2018 programs																																					\$0.00			
Lost Revenue in 2020 from 2019 programs																																					\$0.00			
Lost Revenue in 2020 from 2020 programs																																					\$0.00			
Total Lost Revenues in 2020																																					\$0.00			
Forecast Lost Revenues in 2020																																					\$0.00			
LRAMVA in 2020																																					\$0.00			

Note: LDC to make note of key assumptions included above

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LRAMVA Work Form: Carrying Charges by Rate Class

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	2.17%
2019 Q2	2.17%
2019 Q3	
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	

Check OEB website

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

[Go to Tab 1: Summary](#)

Month	Period	Quarter	Monthly Rate	Residential	GS-50 KW	GS 50 TO 4,999 KW	Street Lighting	Total
Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared								
Opening Balance for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared								
Opening Balance for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared								
Opening Balance for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared								
Opening Balance for 2015				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00



LRAMVA Work Form: Documentation for Streetlighting Projects

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).

Peak Demand Savings Attributed to LED Street lighting Projects

Customer Account	Billed KW								
	99000 South Dundas				7270 Cardinal			101125 Prescott	
Year	2013	2014	2015	2016	2014	2015	2016	2015	2016
January	137.4	137.4	61.7	62.02	43.04	43.34	16.06	111.76	111.76
February	137.4	137.4	61.71	62.02	43.04	43.34	16.06	111.76	111.76
March	137.4	137.4	62.02	62.02	43.04	43.34	16.06	111.76	111.76
April	137.4	137.4	61.71	62.02	43.04	43.34	16.06	111.76	48.93
May	137.4	137.4	62.02	62.02	43.04	43.34	16.06	111.76	48.93
June	137.4	137.4	62.02	62.02	43.04	43.34	16.06	111.76	48.93
July	137.4	137.4	62.02	62.02	43.04	43.34	16.06	111.76	48.93
August	137.4	137.4	62.02	62.02	43.34	16.06	16.06	111.76	48.93
September	137.4	137.4	62.02	62.02	43.34	16.06	16.06	111.76	48.93
October	137.4	61.7	62.02	62.02	43.34	16.06	16.06	111.76	48.93
November	137.4	61.7	62.02	62.02	43.34	16.06	16.06	111.76	48.93
December	137.4	61.7	62.02	62.02	43.34	16.06	16.06	111.76	48.93
Total	1,649	1,422	743	744	518	384	193	1,341	776
Savings (kW)		227	906	905		136	325		565
Gross Reduction in 2016 kW	1,795								
NTG	0.74								
Net Reduction in 2016 kW	1,329								