PUC Distribution Inc.
500 Second Line EAST, P.O. Box 9000
SAULT STE. MARIE, ONTARIO, P6A 4K1

May 17, 2019

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

Attention: Ms. Walli

Re: PUC Distribution Inc.'s 2019 4th Generation IR Distribution Rate Application
OEB Staff Interrogatory Responses
Board File No. EB-2018-0219

In accordance with Procedural Order No. 1, please find attached PUC Distribution Inc.'s responses to OEB Staff interrogatories for the 2019 IRM Rate Application. PUC Distribution Inc. has also attached a live Excel version of the Rate Generator Model and LRAMVA Workform and any supplemental models as requested by Board Staff.

Sincerely,

Andrew Belsito

Andrew Belsito, CPA, CMA
Rates and Regulatory Affairs Officer
PUC Distribution Inc.
Sault Ste. Marie Ont.
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PUC Distribution Inc.

EB-2018-0219

Responses to Interrogatories

Filed: May 17, 2019

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PUC DISTRIBUTION INC.
INTERROGATORY RESPONSES

Ontario Energy Board Staff Interrogatories

Staff-1

Reference: Rate Generator Model

Preamble:

OEB staff notes that there was an error in the Rate Generator Model posted on the OEB's webpage. On Tab 6 - Class A Consumption Data under item 1, it states "Please select the Year the Account 1580 CBR Class B was Last Disposed." This is a typo and should instead note "Please select the Year the Account 1589 GA was Last Disposed." OEB staff has provided a revised Rate Generator Model with this correction.

Question:

Please confirm PUC Distribution Inc.'s acceptance of the updated model.

Response:

PUC Distribution accepts the update made to the Rate Generator Model (Attachment A).

Staff-2

Reference: Rate Generator Model, Tab 1 – Information Sheet

Preamble:

PUC Distribution disposed of its deferral and variance accounts in its 2018 cost of service proceeding (EB-2017-0071). On Tab 1 of the Rate Generator Model in the current proceeding, PUC Distribution has selected 2016 as the rate year in which the Group 1 accounts were last cleared.

Question:

Please make the necessary correction to the Rate Generator Model provided in Staff-1 to indicate 2018 as the last year in which Group 1 accounts were last disposed.

Response:

PUC Distribution has made correction to the attached Rate Generator Model (Attachment A) to indicate 2018 as the last year in which Group 1 accounts were last disposed.

Staff-3

Reference: Rate Generator Model, Tab 3 - Continuity Schedule

Preamble:

A portion of the directions in the reference above state:

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the Adjustment column under 2015. For all Account 1595 sub-accounts, complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2017 regardless of whether the account is being requested for disposition in the current application.

OEB staff notes that PUC has entered data beginning in column AT – Transactions Debit/(Credit) during 2016.

Question:

Please make the necessary adjustments to the model provided in Staff-1 by entering 2015 closing balances in the adjustment column under 2015 given that PUC Distribution was approved for disposition of its 2016 deferral and variance account balances in its 2018 rate application.

Response:

PUC Distribution has made the required changes to the attached Rate Generator Model (Attachment A).

Staff-4

Reference: EB-2015-0098, Decision and Rate Order, Pages 7-8
Rate Generator Model, Tab 3 – Continuity Schedule

Preamble:

OEB staff notes that the OEB-approved principal and interest amounts for the Smart Meter Entity Variance Charge (Account 1551) approved in PUC Distribution's 2016 IRM application[1] of $23,019 and ($23,018), respectively, have not been entered in the Rate Generator Model in the current proceeding. Similarly, the OEB-approved principle and interest amounts for Accounts 1595 (2012) and 1595 (2013) that were approved in PUC Distribution's 2016 IRM application have not been entered in the Rate Generator Model in the current proceeding.

Question:

Please make the necessary corrections to the Rate Generator Model as provided in Staff-1.

Response:

PUC Distribution has made the necessary revisions to the Rate Generator Model (Attachment A).

[1] EB-2015-0098

Staff-5

Reference 1: Rate Generator Model, Tab 3 – Continuity Schedule
Reference 2: Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications - 2018 Edition for 2019 Rate Applications, Appendix A

Preamble:

At reference 1, PUC Distribution shows a residual balance of $9,424 in Account 1595 (2013) of which PUC Distribution is seeking disposition. OEB staff notes that PUC Distribution received approval to dispose of a balance in Account 1595 (2013) as part of its 2016 rate application (EB-2015-0098).

Reference 2 states that:

> Applicants are expected to request disposition of residual balances in Account 1595 Sub-accounts for each vintage year only once, on a final basis. Distributors are expected to seek disposition of the audited account balances a year after a rate rider's sunset date has expired. No further transactions are expected to flow through the Account 1595 Sub-accounts once the residual balance has been disposed.

Question:

In accordance with the above paragraph, please remove the amount for disposition, or in the alternative, please provide an explanation for why PUC Distribution is requesting recovery of this balance again.

Response:

PUC Distribution has removed the amount for disposition in Sub-Account 1595 (2013). In reviewing the sub-account details, PUC Distribution determined an adjustment to 2016 reporting of the RRR 2.1.7 Trial Balance is required between Sub-Account 1595 (2013) and Sub-Account 1595 (2016). PUC Distribution will submit a RRR Revision Request to revise this adjustment.

Staff-6

Reference: Rate Generator Model, Tab 3 – Continuity Schedule, Footnote 3

Preamble:

A portion of footnote 3 directs that for each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in the "OEB Approved Disposition" column.

OEB staff notes that for the OEB-approved principal and interest amounts in 2016 and 2018, PUC Distribution has not entered the transfer of the principle and interest balances in the OEB-approved disposition column. For example, a principle amount of $1,608,511 was approved by the OEB in 2016. PUC Distribution should enter an amount of ($1,608,511) in the line for Account 1595 (2016).

Question:

Please make the necessary corrections to the Rate Generator Model as provided in Staff-1.

Response:

PUC Distribution has made the necessary revisions to the attached Rate Generator Model (Attachment A).

Staff-7

Reference: Rate Generator Model, Tab 3 - Continuity Schedule

Preamble:

There is a credit balance of $990,477 requested for disposition of Account 1580 WMS. Appendix F of the approved settlement proposal in EB-2017-0071 states "Any under or over-forecasts on embedded generation in a given month will be booked to Account 1580..."

Questions:

(a) Please provide a breakdown of Account 1580 WMS principal by the revenues, expenses, rate riders refunded.

(b) Please provide the actual consumption for the embedded generation.

Response:

(a) Appendix F of the approved settlement proposal in EB-2017-0071 (PUC Distribution's 2018 Cost of Service Rate Application) is regarding an Embedded Generation Rate Rider effective October 1, 2018.

The credit balance of $990,417 requested for disposition in this application (EB-2018-0219) pertains to account balances ending December 31, 2017. A breakdown of Account 1580 WMS principal by revenue, expenses and rate riders refunded is provided below.

Account 1580 WMS Breakdown - Principal Balance Only			
2017			
Revenues	Expenses	Rate Rider Refunded	Acct 1580 Variance
($3,596,748.00)	$2,620,200.13	$0.00	($976,547.87)

(b) The actual consumption for embedded generation in:

- 2017 = 74,074,630 kWh
- 2018 = 82,762,000 kWh

Staff-8

Reference: Rate Generator Model, Tab 3 - Continuity Schedule

Question:

For Account 1588:

(a) Transactions during 2017 for Account 1588 was a credit of $1,012,943. Typically, large balances are not expected in Account 1588. Please explain why there is such a large balance in PUC Distribution's account.

(b) For revenues recorded in Account 1588, are the unbilled revenues trued up to actual revenues at year end? If not, please quantify the true up for the 2017-year end.

Response:

(a) PUC Distribution follows the OEB's process for variance accounting per Article 490 of the APH and specifically incorporates actual, unbilled and RPP settlement amounts. PUC Distribution is not aware of a specific reason for the balance in Account 1588.

(b) The unbilled revenues recorded in Account 1588 are trued up to actual revenues at year end. These revenues are based on actual prorated billings to December 31 of the given year.

Staff-9

Reference: Rate Generator Model, Tab 6.2a - CBR B_Allocation

Preamble:

OEB staff notes that PUC Distribution's original filing showed immaterial amounts allocated to transition customers for CBR Class B. Therefore, a distributor is to transfer the entire OEB-approved CBR Class B amount into the Account 1580 WMS control account to be disposed through the general purpose Group 1 DVA rate riders. OEB staff notes that the Rate Generator Model is designed to automatically do this, however cell D20 on Tab 6.2a should be zeroed out to not show the immaterial allocation.

OEB staff has made this change to PUC Distribution's Rate Generator Model and has provided it along with these questions as part of Staff-1.

Question:

Please confirm if PUC Distribution agrees with the updated model.

Response:

PUC Distribution agrees with the update made to the Rate Generator Model (Attachment A).

Staff-10

Reference: Rate Generator Model, Tab 11 – UTRs & Sub-Tx

Preamble:

OEB staff has updated Tab 11 of the Rate Generator Model, as provided in Staff-1, for the current UTRs in accordance with the OEB's Decision and Interim Rate Order, EB-2018-0326, issued on December 20, 2018. The rates are set out below.

Question:

Please confirm PUC Distribution's acceptance of the updated model.

Current Approved UTRs (2019)	per kW
Network Service Rate	$3.71
Connection Service Rates	
Line Connection Service Rate	$0.94
Transformation Connection Service Rate	$2.25

Response:

PUC Distribution confirms the acceptance of the update made in the Rate Generator Model (Attachment A).

Staff-11

Reference: EB-2018-0219, Application, Page 10

Preamble:

A portion of the above reference is reproduced below:

Beginning July 1, 2017, two customers obtained Class A status, but contributed to the global adjustment variance balance prior to this date. The GA contribution of the Class A transition customers was $27,530 for the period of January 1, 2017 to December 31, 2017, including carrying charges using the OEB's prescribed interest rates.

Question:

Please confirm that the above should indicate that the two transitioning customers contributed to the GA variance for the period January 1, 2017 **to June 30, 2017**, given that effective July 1, 2017 they became Class A customers. **(emphasis added)**

Response:

PUC Distribution confirms that the above should indicate that the two transitioning customers contributed to the GA variance for the period of January 1, 2017 to **June 30, 2017.**

Staff-12

Reference: EB-2018-0219, Application, Appendix 9, Question 2-a

Preamble:

Regarding CT 1142, the application notes: "PUC Distribution's billing system provides the kWh's billed to RPP customers each month, as well as the corresponding RPP revenue. The system also tracks corresponding amounts (not billed) for both HOEP and monthly GA. The settlement variance is calculated by subtracting the RPP revenues billed customers from the amounts calculated using HOEP plus the GA amount adjusted to reflect the final GA rate".

Questions:

(a) The system provides the billed consumption for RPP each month. Please explain how the unbilled consumption for RPP customers in the month is accounted for in the settlement process and whether it is subject to true up.

(a) For the settlement calculation, please confirm that the Global Adjustment (GA) amount is adjusted to reflect the final GA rate in a future true up, not the initial settlement claim. If this is not the case, please explain.

Response:

(a) PUC Distribution does not include the unbilled consumption in the monthly settlement process and is therefore not subject to true up.

(b) PUC Distribution uses the final GA rate for settlement calculation purposes.

Staff-13

Reference: EB-2018-0219, Application, Appendix 9, Question 2b and 2f

Question:

Regarding CT 1142:

(a) Response 2b only discusses the true up of the GA component in the RPP settlement. Please also discuss any true-ups of the RPP revenue and HOEP components as well as these components would have been based on estimates at the initial settlement.

(b) Total volume to be split between RPP and non-RPP is determined by taking actual kWh purchased from the IESO plus any embedded generation. In 2017, PUC Distribution had two customers that transitioned to Class A. Please confirm that Class A consumption was removed in the calculation of total volume to be split between RPP and non-RPP.

(c) Response 2f states that the true-up portion is included in the transactions during the year column for Accounts 1588 and 1589. Please explain how the true-up of CT 1142 would affect Account 1589 given that PUC Distribution only records CT 1142 in Account 1588 as per response 1.

Response:

(a) PUC Distribution does not complete an initial settlement based on estimates. PUC Distribution only uses actual billing data to calculate RPP settlement.

(b) PUC Distribution confirms that Class A consumption was removed in the calculation of total volume to be split between RPP and Non-RPP.

(c) To clarify, the RPP settlement amounts are recorded in Account 1588. There is no true up calculation related to Account 1589.

Staff-14

Reference: EB-2018-0219, Application, Appendix 9, Question 3

Question:

Regarding CT 148:

(a) CT 148 is booked into Account 4705. The non-RPP portion is booked into Account 1589 and the remainder is booked into Account 1588. Please clarify whether Account 4707 Charges – Global Adjustment is used as required per the APH, Article 490. If not, please provide the journal entries PUC Distribution uses to record CT 148 and discuss the impact to Accounts 4705 and 4707.

(b) In question 3, part d, it states that both Accounts 1588 and 1589 are trued-up monthly using actual billing data. Please clarify if the accounts are trued-up to actual monthly consumption regardless of whether the consumption has been billed or not. If this is not the case, please explain.

Response:

(a) PUC Distribution confirms that Account 4707 Charges – Global Adjustment is being used as required per APH, Article 490.

(b) PUC Distribution confirms that Accounts 1588 is being trued up to actual monthly consumption regardless of whether the consumption has been billed or not. There is no true up calculation related to Account 1589.

Staff-15

Reference: EB-2018-0219, GA Analysis Workform

Preamble:

Columns G and H in the "Analysis of Expected Amount" are not filled in.

Question:

Please confirm that actual monthly consumption data is used in column F and not billed consumption. If not confirmed please revise the table and complete columns G and H.

Response:

PUC Distribution confirms that the actual monthly consumption data is used in column F and not billed consumption.

Staff-16

Reference: EB-2018-0219, GA Analysis Workform
Rate Generator Model, Tab 3 - Continuity Schedule

Preamble:

In the GA Analysis Workform, the Net Change in Principal Balance in the GL is $468,260. This is adjusted by reconciling item 4, to remove $444,645 pertaining to GA for Class A customers. In the DVA Continuity Schedule, the transactions during the year for 2017 is also $468,260.

Questions:

(a) Please clarify whether or not the $468,260 includes GA for Class A.

I. If yes, please remove the amount for Class A GA in the principal adjustment column of the DVA Continuity Schedule as this should not be disposed to non-RPP Class B customers.

II. If no, then please remove reconciling item 4 in the GA Analysis Workform and revise the Workform as needed.

Response:

(a) I. PUC Distribution confirms the $468,260 includes GA for Class A customers. PUC distribution has made the revision to the DVA Continuity Schedule in the attached Rate Generator Model (Attachment A).

II. – N/A

Staff-17

Reference: EB-2018-0219, GA Analysis Workform

Preamble:

In the prior year's GA Analysis Workform, PUC Distribution identified reconciling items for unbilled to actual revenue differences. There is no reconciling item for unbilled to actual revenue differences in the current GA Analysis Workform.

Question:

Please explain whether the unbilled revenue process has changed and why it is no longer causing a significant difference.

Response:

PUC Distribution has changed its unbilled process in 2015 in that GA revenue is based on actual prorated billings to December 31st of the given year. This eliminates a true up process between unbilled and actual revenue differences and therefore does not cause a variance to be reported as a reconciling item on the GA Analysis Workform.

LRAMVA

Staff-18

Reference 1: EB-2018-0219, Application, Tab 3 of LRAMVA Workform
Reference 2: Rate Order for 2016 rates, EB-2015-0098
Reference 3: Rate Order for 2017 rates, EB-2016-0102
Reference 4: Rate Order for 2018 rates, EB-2017-0071

Preamble:

The 2017 distribution rates are calculated as the average of 2016 and 2017 rates effective for the January to December calendar year.

i) 2016 rates include:
- 2016 approved volumetric rate
- Rate rider for tax change (2016) (effective May 1, 2016 to April 30, 2017)
- Ride rider for tax change (2017) (effective May 1, 2017 to April 30, 2018)

(b) 2017 rates include:
- 2017 approved volumetric rate
- Rate rider for tax change (2017) (effective May 1, 2017 to April 30, 2018)
- Rate rider for tax loss carry forward (2018) (effective October 1, 2018 to April 30, 2020)

Question:

(a) Please explain the rationale for including the 2017 rate rider for tax change with the 2016 volumetric rates used in the LRAMVA calculation, given that the OEB approved this rider to be effective May 1, 2017 (EB-2016-0102). (Note: OEB staff compiled the following information based on the rates entered in Tab 3 of the LRAMVA Workform)

Rate classes	2016 volumetric rate (inclusive of 2016 tax change	2017 rate rider (effective May 1, 2017)
GS<50 kW ($/kWh)	$0.0203	$0.0001
GS 50-4999 kW ($/kW)	$5.3708	$0.0101
Unmetered Scattered Load ($/kWh)	$0.0307	$0.0001
Sentinel lighting ($/kW)	$26.9643	$0.0793
Street lighting ($/kW)	$18.9614	$0.0620

(b) Please explain the rationale for including the 2018 rate rider for tax loss carry forward with the 2017 distribution rates used in the LRAMVA calculation, given that the OEB approved this rider to be effective October 1, 2018 (EB-2017-0071). (Note: OEB staff compiled the following information based on the rates entered in Tab 3 of the LRAMVA Workform)

Rate classes	2017 volumetric rate (inclusive of 2017 tax change	2018 rate rider (effective October 1, 2018)
GS<50 kW ($/kWh)	$0.0206	$0.001
GS 50-4999 kW ($/kW)	$5.4473	($2.734)
Unmetered Scattered Load ($/kWh)	$0.0311	($0.0016)
Sentinel lighting ($/kW)	$27.4344	($1.3742)
Street lighting ($/kW)	$19.2356	($0.3701)

(c) If there are revisions required to adjust the 2016 and 2017 rates, please make the changes in Tab 3 of the LRAMVA Workform.

Response:

(a) PUC Distribution agrees with Board Staff that the 2017 rate rider should not be included with the 2016 volumetric rates used in the LRAMVA calculation. That was not the intent.

(b) PUC Distribution agrees with Board Staff that the 2018 rate rider should not be included with the 2017 volumetric rates used in the LRAMVA calculation. That was not the intent.

(c) A revised LRAMVA Workform is attached as Attachment B. The corrections to the rates results in an increase in the LRAMVA claim of $1,292 to $384,312.

Staff-19

Reference: EB-2018-0219, Tab 8 of LRAMVA Workform

Preamble:

PUC Distribution provided a table in Tab 8 of the LRAMVA Workform showing the monthly total billed demand of its street lighting upgrades implemented over the course of 2015 and 2016.

Questions:

(a) Please provide the number of light bulbs included in the forecast of street lighting savings (295 kW) in the 2013 load forecast, the type of bulbs expected to be replaced, and the number of actual conversions undertaken to date.
(b) Please discuss whether PUC Distribution has received reports from the City of Sault Ste. Marie confirming the number of bulbs, types of bulbs and timing of the bulbs replaced.
(c) Please discuss whether PUC Distribution has developed the ability to track the individual bulbs that were upgraded to a higher efficiency level due to the municipality's participation in the IESO's saveOnEnergy Retrofit program.
(d) Please explain how the current methodology of subtracting total billed demand, pre- and post-conversion, estimates incremental savings from street lighting upgrades that were undertaken as a result of the municipality's participation in the IESO's saveOnEnergy Retrofit program.
(e) Please confirm whether there were street lighting upgrades completed outside of the IESO's saveOnEnergy Retrofit program that are counted in total billed demand. If yes, please quantify and remove the impact of these savings in the LRAMVA.
(f) Please indicate whether any new street lighting additions are captured in total billed demand. If yes, please quantify the impact of new additions included in total billed demand.
(g) Please provide in excel format the detailed, monthly calculations of billed demand by bulb replaced and exchanged that support the table included in Tab 8 of the LRAMVA Workform.

Response:

(a) The forecast of streetlight savings in the 2013 load forecast was not based on a number of light bulbs to be replaced. Rather, as explained in 2013's COS Rate Application in Exhibit 3, Tab 2, Schedule 1, Page 10 of 22:

"With regard to the forecast of the CDM savings variable and to be conservative, PUC applied a savings of 9,249,000 kWh to the 2013 test year forecast. The CDM savings was pro-rated to the rate classes based on the 2013 weather corrected forecast."

The number of conversions undertaken to date is presented in the Excel table filed in response to 20(g). The High-Pressure Sodium (HPS) lights were replaced with new Light Emitting Diode (LED) lights. All 9,317 streetlights in PUC Distribution's service territory have been replaced.

(b) PUC Services Inc., an affiliate company of PUC Distribution, owns and operates all of the streetlights within the City of Sault Ste. Marie and also collects consumption revenue from streetlights in Prince township and Rankin Reserve. PUC Services Inc. has replaced all streetlights in the City of Sault Ste. Marie and Prince Township between 2015 and 2017. There are currently 9,194 LED lights installed in Sault Ste. Marie and 123 LED lights installed in Prince Township.

(c) As PUC Services Inc. managed the streetlight replacement project, the results of the IESO incentives were readily available.

(d) Pre, during and post streetlight conversion project, savings projections were completed using the billing structure and rates at the time with a modest inflation rate.

(e) There were no streetlighting upgrades completed outside of the IESO's saveOnEnergy Retrofit program.

(f) New streetlighting additions were not captured in the total billed demand between 2015 and 2016.

(g) Please find in Attachment C the detailed, monthly calculations of billed demand by bulb replaced and exchanged that support the table included in Tab 8 of the LRAMVA Workform. PUC Distribution has also submitted these calculations in excel format.

Staff-20

Reference: None

Question:

(a) Please file the full excel report of the "2017 Final Verified Annual CDM Program Results." An extract of the report was filed with the application
(b) Please file the full excel report of "2011-2015 LDC CDM Program Persistence Results Report" to support the 2017 persisting savings included in the LRAMVA claim.

Response:

(a) PUC Distribution has filed the full excel report of the "2017 Final Verified Annual CDM Program Results" with these interrogatory responses.

(b) PUC Distribution has filed the full excel report of the "2011-2015 LDC CDM Program Persistence Results Report" with these interrogatory responses.

Staff-21

Reference: None

Question:

(a) Please confirm any changes to the LRAMVA Workform in response to these LRAMVA interrogatories in "Table A-2. Updates to LRAMVA Disposition (Tab 2)".
(b) If PUC Distribution made any changes to the LRAMVA Workform as a result of its responses to these LRAMVA interrogatories, please file an updated LRAMVA Workform.

Response:

(a) PUC Distribution confirms any changes to the LRAMVA Workform in "Table A-2. Updates to LRAMVA Dispositoin (Tab 2)" of the attached LRAMVA Workform.

(b) PUC Distribution has filed an updated LRAMVA Workform (Attachment B).

Attachment A
Rate Generator Model

Ontario Energy Board

Incentive Regulation Model for 2019 Filers

Version 2.0

Utility Name	PUC Distribution Inc.
Assigned EB Number	EB-2018-0219
Name of Contact and Title	Andrew Belsito, Rates and Regulatory Affairs Officer
Phone Number	705-759-3009
Email Address	andrew.belsito@ssmpuc.com
We are applying for rates effective	May 1, 2019
Rate-Setting Method	**Price Cap IR**
Please indicate in which Rate Year the Group 1 accounts were last cleared[1]	**2018**
Please indicate the last Cost of Service Re-Basing Year	**2018**

Legend

Pale green cells represent input cells.

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

Pale grey cell represent auto-populated RRR data

White cells contain fixed values, automatically generated values or formulae.

Note:
1. Rate year of application

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your IRM application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.

PUC Distribution Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date October 1, 2018

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

EB-2017-0071

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a single family unit, non-commercial. This can be a separately metered living accommodation, town house, apartment, semi-detached, duplex, triplex or quadruplex with residential zoning. Class B consumers are defined on accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	24.41
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(1.30)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$	(0.05)
Distribution Volumetric Rate	$/kWh	0.0086
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	(0.0032)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	$/kWh	0.0060

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	20.73
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(0.86)
Distribution Volumetric Rate	$/kWh	0.0248
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	(0.0032)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$/kWh	(0.0001)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kWh	0.0019
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$/kWh	(0.0010)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0056

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly peak demand used for billing purposes over the past 12 months is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and Class B consumers are defined on accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	114.46
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(4.74)
Distribution Volumetric Rate	$/kW	6.7295
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kW	(1.2817)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$/kW	(0.0258)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kW	0.0962
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$/kW	(0.2734)
Retail Transmission Rate - Network Service Rate	$/kW	2.2694
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8541

MONTHLY RATES AND CHARGES - Regulatory Component

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

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information documentation with regard to electrical demand/consumption of the proposed unmetered load. Class B consumers are defined on accordance with O. Reg. 429/04. Further servicing details are available in the Distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	12.69
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(0.53)
Distribution Volumetric Rate	$/kWh	0.0383
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	(0.0032)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$/kWh	(0.0001)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kWh	(0.0010)
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$/kWh	(0.0016)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0056

MONTHLY RATES AND CHARGES - Regulatory Component

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

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential or General Service customer. This is typically exterior lighting, and unmetered. Consumption is estimated based on the equipment rating and estimated hours of use. Class B consumers are defined on accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	3.55
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(0.15)
Distribution Volumetric Rate	$/kW	33.1502
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kW	(1.1433)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$/kW	(0.0229)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kW	(1.1660)
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$/kW	(1.3742)
Retail Transmission Rate - Network Service Rate	$/kW	1.7202

MONTHLY RATES AND CHARGES - Regulatory Component

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

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	1.37
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(0.06)
Distribution Volumetric Rate	$/kW	8.9284
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kW	(1.1380)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$/kW	(0.0221)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kW	5.5286
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$/kW	(0.3701)
Retail Transmission Rate - Network Service Rate	$/kW	1.7116

MONTHLY RATES AND CHARGES - Regulatory Component

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

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5.40

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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Customer Administration

Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Returned cheque (plus bank charges)	$	15.00
Legal letter charge	$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00

Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	$	30.00
Collection of account charge - no disconnection - after regular hours	$	165.00
Disconnect/reconnect charge - at meter - during regular hours	$	65.00
Disconnect/reconnect charge - at meter - after hours	$	185.00
Disconnect/reconnect charge - at pole - during regular hours	$	185.00
Disconnect/reconnect charge - at pole - after hours	$	415.00
Install/remove load control device - during regular hours	$	65.00
Install/remove load control device - after regular hours	$	185.00

Other

Special meter reads	$	30.00
Service call - customer-owned equipment		Time & Materials
Service call - after regular hours		Time & Materials
Temporary service - install & remove - overhead - no transformer		Time & Materials
Temporary service - install & remove - underground - no transformer		Time & Materials
Temporary service - install & remove - overhead - with transformer		Time & Materials
Specific charge for access to the power poles - $/pole/year (with the exception of wireless attachments) - in effect until December 31, 2018	$	28.09
Specific charge for access to the power poles - $/pole/year (with the exception of wireless attachments) - in effect from January 1, 2019	$	43.63
Removal of overhead lines - during regular hours		Time & Materials
Removal of overhead lines - after hours		Time & Materials
Roadway escort - after regular hours		Time & Materials

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0481
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0385

Account Descriptions	Account Number	2012						
		Opening Principal Amounts as of Jan 1, 2012	Transactions Debit / (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments[1] during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012
Group 1 Accounts								
LV Variance Account	1550					0		
Smart Metering Entity Charge Variance Account	1551					0		
RSVA - Wholesale Market Service Charge[5]	1580					0		
Variance WMS – Sub-account CBR Class A[5]	1580					0		
Variance WMS – Sub-account CBR Class B[5]	1580					0		
RSVA - Retail Transmission Network Charge	1584					0		
RSVA - Retail Transmission Connection Charge	1586					0		
RSVA - Power[4]	1588					0		
RSVA - Global Adjustment[4]	1589					0		
Disposition and Recovery/Refund of Regulatory Balances (2012)[3]	1595					0		
Disposition and Recovery/Refund of Regulatory Balances (2013)[3]	1595					0		
Disposition and Recovery/Refund of Regulatory Balances (2014)[3]	1595					0		
Disposition and Recovery/Refund of Regulatory Balances (2015)[3]	1595					0		
Disposition and Recovery/Refund of Regulatory Balances (2016)[3]	1595					0		
Disposition and Recovery/Refund of Regulatory Balances (2017)[3]	1595					0		
Disposition and Recovery/Refund of Regulatory Balances (2018)[3] *Not to be disposed of until a year after rate rider has expired and that balance has been audited*	1595					0		
RSVA - Global Adjustment	**1589**	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	**1568**							
Total including Account 1568		0	0	0	0	0	0	0

			2013										
OEB-Approved Disposition during 2012	Interest Adjustments[1] during 2012	Closing Interest Amounts as of Dec 31, 2012	Opening Principal Amounts as of Jan 1, 2013	Transactions Debit / (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments[1] during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments[1] during 2013	Closing Interest Amounts as of Dec 31, 2013	Opening Principal Amounts as of Jan 1, 2014
		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
		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
		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
		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	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	0	0	0	0	0

2014												
Transactions Debit / (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments[1] during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments[1] during 2014	Closing Interest Amounts as of Dec 31, 2014	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit / (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments[1] during 2015
			0	0				0	0			0
			0	0				0	0			22,894
			0	0				0	0			(2,601,645)
			0	0				0	0			0
			0	0				0	0			0
			0	0				0	0			231,273
			0	0				0	0			0
			0	0				0	0			(4,092,079)
			0	0				0	0			1,478,630
			0	0				0	0			(24,219)
			0	0				0	0			150,084
			0	0				0	0			(550)
			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	0	0	1,478,630
0	0	0	0	0	0	0	0	0	0	0	0	(6,314,242)
0	0	0	0	0	0	0	0	0	0	0	0	(4,835,612)
			0	0				0	0			(13,368)
0	0	0	0	0	0	0	0	0	0	0	0	(4,848,980)

2015						2016							
Closing Principal Balance as of Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Interest Jan 1 to Dec 31, 2015	OEB-Approved Disposition during 2015	Interest Adjustments[1] during 2015	Closing Interest Amounts as of Dec 31, 2015	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit / (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments[1] during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016
0	0			0	0	0				0	0		
22,894	0			852	852	22,894	10,945	23,019		10,820	852	576	(23,018)
(2,601,645)	0			(46,255)	(46,255)	(2,601,645)	(844,433)	(1,081,784)		(2,364,294)	(46,255)	(27,016)	(39,638)
0	0			0	0	0				0	0		
0	0			0	0	0				0	0		
231,273	0			7,326	7,326	231,273	(20,198)	309,118		(98,043)	7,326	(517)	5,787
0	0			0	0	0				0	0		
(4,092,079)	0			(15,288)	(15,288)	(4,092,079)	4,398,272	920,509		(614,316)	(15,288)	25,791	1,605
1,478,630	0			67,090	67,090	1,478,630	(103,639)	1,301,248		73,743	67,090	27,142	50,876
(24,219)	0			(6,325)	(6,325)	(24,219)	769	(23,556)		106	(6,325)	(89)	(6,309)
150,084	0			(128,099)	(128,099)	150,084	6,780	159,957		(3,093)	(128,099)	550	(128,640)
(550)	0			(57,852)	(57,852)	(550)	(640)			(1,190)	(57,852)	(10)	
0	0			0	0	0				0	0		
0	0			0	0	0	(847,909)	(1,608,511)		760,602	0	9,426	139,337
0	0			0	0	0				0	0		
0	0			0	0	0				0	0		
1,478,630	0	0	0	67,090	67,090	1,478,630	(103,639)	1,301,248	0	73,743	67,090	27,142	50,876
(6,314,242)	0	0	0	(245,641)	(245,641)	(6,314,242)	2,703,586	(1,301,248)	0	(2,309,408)	(245,641)	8,711	(50,876)
(4,835,612)	0	0	0	(178,551)	(178,551)	(4,835,612)	2,599,947	0	0	(2,235,665)	(178,551)	35,853	0
(13,368)	0			3,014	3,014	(13,368)	(23)			(13,391)	3,014	(125)	
(4,848,980)	0	0	0	(175,537)	(175,537)	(4,848,980)	2,599,924	0	0	(2,249,056)	(175,537)	35,728	0

		2017										2	
Interest Adjustments[1] during 2016	Closing Interest Amounts as of Dec 31, 2016	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit / (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments[1] during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments[1] during 2017	Closing Interest Amounts as of Dec 31, 2017	Principal Disposition during 2018 - instructed by OEB	Interest Disposition during 2018 - instructed by OEB
	0	0				0	0				0		
	24,446	10,820	(10,758)			62	24,446	406			24,852	33,839	2,003
	(33,633)	(2,364,294)	(980,234)			(3,344,528)	(33,633)	(32,178)			(65,811)	(2,364,294)	(73,826)
	0	0	(5)			(5)	0	0			0		
	0	0	3,690			3,690	0	86			86		
	1,022	(98,043)	(184,625)			(282,668)	1,022	(2,637)			(1,615)	(98,043)	(645)
	0	0				0	0				0		
	8,898	(614,316)	(1,012,943)			(1,627,259)	8,898	5,774			14,672	(614,316)	(1,545)
	43,356	73,743	1,452,628		(984,368)	542,003	43,356	1,192			44,548	73,743	44,610
	(105)	106				106	(105)				(105)		
	1,091	(3,093)				(3,093)	1,091				1,091		
	(57,862)	(1,190)				(1,190)	(57,862)	(15)			(57,877)	(1,190)	(57,882)
	0	0				0	0				0		
	(129,911)	760,602	(571,335)			189,267	(129,911)	3,838			(126,073)		
	0	0				0	0				0		
	0	0				0	0				0	2,970,261	87,285
0	43,356	73,743	1,452,628	0	(984,368)	542,003	43,356	1,192	0	0	44,548	73,743	44,610
0	(186,054)	(2,309,408)	(2,756,209)	0	0	(5,065,617)	(186,054)	(24,726)	0	0	(210,780)	(73,743)	(44,610)
0	(142,698)	(2,235,665)	(1,303,581)	0	(984,368)	(4,523,614)	(142,698)	(23,534)	0	0	(166,232)	0	0
	2,889	(13,391)	(96,469)	0		(109,860)	2,889	1,482			4,371	(468,287)	(14,700)
0	(139,809)	(2,249,056)	(1,400,051)	0	(984,368)	(4,633,475)	(139,809)	(22,052)	0	0	(161,861)	(468,287)	(14,700)

018		Projected Interest on Dec-31-17 Balances				2.1.7 RRR	
Closing Principal Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Closing Interest Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Projected Interest from Jan 1, 2018 to Dec 31, 2018 on Dec 31, 2017 balance adjusted for disposition during 2018 [2]	Projected Interest from Jan 1, 2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for disposition during 2018 [2]	Total Interest	Total Claim	As of Dec 31, 2017	Variance RRR vs. 2017 Balance *(Principal + Interest)*
0	0			0	0	0	0
(33,777)	22,849	(629)	165	22,385	(11,392)	24,916	2
(980,234)	8,015	(18,257)	58	(10,184)	(990,417)	(3,406,567)	3,771
(5)	0	(0)		(0)	0	(5)	0
3,690	86	69	1	155	3,845	3,776	0
(184,625)	(970)	(3,439)	(7)	(4,416)	(189,040)	(284,281)	1
0	0			0	0	0	0
(1,012,943)	16,217	(18,866)	117	(2,532)	(1,015,475)	(1,612,589)	(2)
468,260	(62)	8,721	(0)	8,659	476,919	586,550	(1)
106	(105)	2	(1)	(104) ☐ Check to Dispose of Account	0	1	0
(3,093)	1,091			1,091 ☐ Check to Dispose of Account	0	9,426	11,428
0	5		0	5 ☐ Check to Dispose of Account	0	(59,066)	1
0	0			0 ☐ Check to Dispose of Account	0	0	0
189,267	(126,073)	3,525	(912)	(123,460) ☑ Check to Dispose of Account	65,807	51,767	(11,427)
0	0			0 ☐ Check to Dispose of Account	0	0	0
(2,970,261)	(87,285)			(87,285) ☐ Check to Dispose of Account	0		0
468,260	(62)	8,721	(0)	8,659	476,919	586,550	(1)
(4,991,874)	(166,170)	(37,595)	(578)	(204,343)	(2,136,672)	(5,276,393)	4
(4,523,614)	(166,232)	(28,874)	(579)	(195,684)	(1,659,753)	(4,689,843)	3
358,427	19,071	6,676	138	25,885	384,312	(105,489)	(0)
(4,165,188)	(147,161)	(22,198)	(441)	(169,799)	(1,275,441)	(4,795,332)	3

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Incentive Regulation Model for 2019 Filers

Data on this worksheet has been populated using your most recent RRR filing.

Click on the checkbox to confirm the accuracy of the data below:

If you have identified any issues, please contact the OEB.

If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, it must exclude these customers from the allocation of the GA balance and the calculation of the resulting rate riders. These rate classes are not to be charged/refunded the general GA rate rider as they did not contribute to the GA balance.

Please contact the OEB to make adjustments to the IRM rate generator for this situation.

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption *(if applicable)*	Total Metered kW less WMP consumption *(if applicable)*	1595 Recovery Proportion (2016) [1]	1568 LRAM Variance Account Class Allocation ($ amounts)	Number of Customers for Residential and GS<50 classes[3]
RESIDENTIAL SERVICE CLASSIFICATION	kWh	282,820,547	0	10,407,717	0	0	0	282,820,547	0	12%	133,119	29,803
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	91,035,995	0	15,232,267	0	0	0	91,035,995	0	6%	68,429	3,414
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	245,166,376	610,764	203,297,519	485,936	0	0	245,166,376	610,764	80%	69,673	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	907,713	0	0	0	0	0	907,713	0	0%	-373	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	213,661	619	0	0	0	0	213,661	619	0%	-281	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,398,221	7,030	2,271,157	6,658	0	0	2,398,221	7,030	3%	113,745	
	Total	0	0	0	0	0	0	0	0	0%	0	0

Threshold Test

Total Claim (including Account 1568)	($1,275,441)
Total Claim for Threshold Test (All Group 1 Accounts)	($1,659,753)
Threshold Test (Total claim per kWh) [2]	Enter kWh

1568 Account Balance from Continuity Schedule	384,312

Total Balance of Account 1568 in Column S DOES NOT MATCH the amount entered on the Continuity Schedule

[1] Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

[2] The Threshold Test does not include the amount in 1568.

[3] The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.

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Incentive Regulation Model for 2019 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	1550	1551	1580 (allocated based on Total less WMP)	1584	1586	1588 (allocated based on Total less WMP)	1595_(2016)	1568
RESIDENTIAL SERVICE CLASSIFICATION	45.4%	89.7%	45.4%	0	(10,221)	(448,199)	(85,881)	0	(461,329)	7,828	133,119
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	14.6%	10.3%	14.6%	0	(1,171)	(144,269)	(27,644)	0	(148,496)	3,625	68,429
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	39.4%	0.0%	39.4%	0	0	(388,527)	(74,447)	0	(399,909)	52,413	69,673
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	0	0	(1,438)	(276)	0	(1,481)	7	(373)
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	(339)	(65)	0	(349)	3	(281)
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	0	0	(3,801)	(728)	0	(3,912)	1,931	113,745
Total	0.0%	0.0%	0.0%	0	0	0	0	0	0	0	384,312

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Incentive Regulation Model for 2019 Filers

1	**Please select the Year the Account 1589 GA was Last Disposed**	2016	**(e.g. If in the 2018 EDR process, you received approval to dispose the GA variance account balance as at December 31,**
2a	**Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed to 2017)?**	Yes	**(e.g. If you received approval to dispose of the GA variance account balance as at December 31, 2015, the period the GA variance accumulated would be 2016 and 2017.)**
2b	**Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed to 2017)?**	Yes	**(e.g. If you received approval to dispose of the CBR Class B balance as at December 31, 2016, the period the CBR Class B variance accumulated would be 2017.)**
3a	**Enter the number of transition customers you had during the period the Account 1589 GA balance accumulated.**	2	

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2017 January to June	2017 July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	8,723,213	9,812,692
		kW	15,643	16,780
		Class A/B	B	A
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,829,867	3,927,598
		kW	7,525	7,757
		Class A/B	B	A

3b	**Enter the number of customers who were Class A during the entire period since the Account 1589 GA balance accumulated (i.e. did not transition between Class A and B).**	-	

Class A Customers - Billing Determinants by Customer

Customer	Rate Class		2017

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Incentive Regulation Model for 2019 Filers

This tab allocates the GA balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current GA balance. The tables below calculate specific amounts for each customer who made the change. The general GA rate rider to non-RPP customers is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year the Account 1589 GA Balance Last Disposed | **2016**

Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2017
Total Non-RPP Class B Consumption for Years During Balance Accumulation (Non-RPP Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A	217,468,371	217,468,371
Transition Customers' Class B Consumption (i.e. full year or partial year)	B	12,553,080	12,553,080
Transition Customers' Portion of Total Consumption	C=B/A	**5.77%**	

Allocation of Total GA Balance $

Total GA Balance	D	$ 476,919
Transition Customers Portion of GA Balance	E=C*D	$ 27,530
GA Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	$ 449,389

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers		2				
Customer		**Total Metered Consumption (kWh) for Transition Customers During the Period WhenThey Were Class B Customers**	**Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2017**	**% of kWh**	**Customer Specific GA Allocation for the Period When They Were a Class B customer**	**Monthly Equal Payments**
Customer 1		8,723,213	8,723,213	69.49%	$ 19,130	$ 1,594
Customer 2		3,829,867	3,829,867	30.51%	$ 8,399	$ 700
Total		12,553,080	12,553,080	100.00%	$ 27,530	

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Incentive Regulation Model for 2019 Filers

The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if applicable. Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

Default Rate Rider Recovery Period (in months)	12
Proposed Rate Rider Recovery Period (in months)	12

Rate Rider Recovery to be used below

		Total Metered Non-RPP 2017 Consumption excluding WMP	Total Metered 2017 Consumption for Class A Customers that were Class A for the entire period GA blance accumulated	Total Metered 2017 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA $ allocated to Current Class B Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	10,407,717	0	0	10,407,717	5.1%	$22,825	$0.0022	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	15,232,267	0	0	15,232,267	7.4%	$33,405	$0.0022	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	203,297,519	0	26,293,370	177,004,149	86.4%	$388,179	$0.0022	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	$0	$0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	$0	$0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kWh	2,271,157	0	0	2,271,157	1.1%	$4,981	$0.0022	kWh
Total		0	0	26,293,370	204,915,290	100.0%	$449,390		

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Incentive Regulation Model for 2019 Filers

This tab allocates the CBR Class B balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current CBR Class B balance. The tables below calculate specific amounts for each customer who made the change. The general CBR Class B rate rider is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Please enter the Year the Account 1580 CBR Class B was Last Disposed. 2016 **(Note: Account 1580, Sub-account CBR Class B was established starting in 2015)**

Allocation of total Consumption (kWh) between Class B and Class A/B Transition Customers

		Total	2017
Total Class B Consumption for Years During Balance Accumulation (Total Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A	-	
Transition Customers' Class B Consumption (i.e. full year or partial year)	B	12,553,080	12,553,080
Transition Customers' Portion of Total Consumption	C=B/A	0.00%	- 12,553,080

Allocation of Total CBR Class B Balance $

Total CBR Class B Balance	D	$	3,845
Transition Customers Portion of CBR Class B Balance	E=D*C	$	-
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	$	3,845

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers		2				
Customer		**Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers**	**Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2017**	**% of kWh**	**Customer Specific CBR Class B Allocation for the Period When They Were a Class B Customer**	**Monthly Equal Payments**
Customer 1		8,723,213	8,723,213	69.49%	$ -	$ -
Customer 2		3,829,867	3,829,867	30.51%	$ -	$ -
Total		12,553,080	12,553,080	100.00%	$ -	$ -

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Incentive Regulation Model for 2019 Filers

The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

Please select the Year the Account 1580 CBR Class B was Last Disposed. 2016

(Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

		Total Metered 2017 Consumption Minus WMP		Total Metered 2017 Consumption for Class A customers that were Class A for the entire period CBR Class B balance accumulated		Total Metered 2017 Consumption for Customers that Transitioned Between Class A and B during the period CBR Class B balance accumulated		Metered Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B $ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	282,820,547	0	0	0	0	0	282,820,547	0	47.4%	$1,824	$0.0000	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	91,035,995	0	0	0	0	0	91,035,995	0	15.3%	$587	$0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	245,166,376	610,764	0	0	26,293,370	47,705	218,873,006	563,059	36.7%	$1,411	$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	907,713	0	0	0	0	0	907,713	0	0.2%	$6	$0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	213,661	619	0	0	0	0	213,661	619	0.0%	$1	$0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kWh	2,398,221	7,030	0	0	0	0	2,398,221	7,030	0.4%	$15	$0.0000	kW
Total		0	0	0	0	26,293,370	47,705	596,249,143	570,708	100.0%	$3,844	$0.0000	

If the allocated Account 1580 sub-account CBR Class B amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is to transfer the entire OEB-approved CBR Class B amount into Account 1580 WMS control account to be disposed through the general purpose Group 1 DVA rate riders. (see Accounting Guidance, Capacity Based Recovery xxxxx, 2018)

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Incentive Regulation Model for 2019 Filers

Input required at cells C13 and C14. This workshseet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for Account 1568. Rate Riders will not be generated for the microFIT class.

Default Rate Rider Recovery Period (in months)	12	
DVA Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
LRAM Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes [2]	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) [2]	Deferral/Variance Account Rate Rider [2]	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) [2]	Account 1568 Rate Rider

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Incentive Regulation Model for 2019 Filers

Summary - Sharing of Tax Change Forecast Amounts

For the 2018 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)	0

1. Tax Related Amounts Forecast from Capital Tax Rate Changes	**2018**	**2018**
Taxable Capital **(if you are not claiming capital tax, please enter your OEB-Approved Rate Base)**	99,658,054	$ 99,658,054
Deduction from taxable capital up to $15,000,000	$ -	$ -
Net Taxable Capital	$ 99,658,054	$ 99,658,054
Rate	0.00%	0.00%
Ontario Capital Tax (Deductible, not grossed-up)	$ -	$ -
2. Tax Related Amounts Forecast from Income Tax Rate Changes		
Regulatory Taxable Income	$ 1,627,305	$ 1,627,305
Corporate Tax Rate	26.50%	26.50%
Tax Impact	$ 431,236	$ 431,236
Grossed-up Tax Amount	$ 586,716	$ 586,715
Tax Related Amounts Forecast from Capital Tax Rate Changes	$ -	$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	$ 586,716	$ 586,715
Total Tax Related Amounts	$ 586,716	$ 586,715
Incremental Tax Savings		-$ 1
Sharing of Tax Amount (50%)		**-$ 0**

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Incentive Regulation Model for 2019 Filers

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H.

As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh	29,816	288,323,799	0	24.41	0.0086	0.0000	0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	3,431	92,411,463	0	20.73	0.0248	0.0000	0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	357	244,620,598	614,743	114.46	0.0000	6.7295	0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	22	944,731	0	12.69	0.0383	0.0000	0	0	0	0	0.0%	0.0%	0.0%	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	354	209,800	593	3.55	0.0000	33.1502	0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW	8,070	2,398,221	7,030	1.37	0.0000	8.9284	0	0	0	0	0.0%	0.0%	0.0%	0.0%
Total		0	0	0				0	0	0	0				0.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	282,820,547		0	0.00	$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	91,035,995		0	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	245,166,376	610,764	0	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	907,713		0	0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	213,661	619	0	0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,398,221	7,030	0	0.0000	kW
Total		622,542,513	618,413	($0)		

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Incentive Regulation Model for 2019 Filers

Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked.
If the data needs to be modified, please make the necessary adjustments and note the changes in your manager's summary. As well, the Loss Factor has been imported from Tab 2.

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0060	282,820,547	0	1.0481	296,424,215
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0056	91,035,995	0	1.0481	95,414,826
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.2694	156,256,535	409,679		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8541	88,909,841	201,085		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0056	907,713	0	1.0481	951,374
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.7202	213,661	619		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.7116	2,398,221	7,030		

Incentive Regulation Model for 2019 Filers

Uniform Transmission Rates	Unit	2017	2018	2019
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW	$ 3.66	$ 3.61	$ 3.71
Line Connection Service Rate	kW	$ 0.87	$ 0.95	$ 0.94
Transformation Connection Service Rate	kW	$ 2.02	$ 2.34	$ 2.25

Hydro One Sub-Transmission Rates	Unit	2017	2018	2019
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW	$ 3.1942	$ 3.1942	$ 3.1942
Line Connection Service Rate	kW	$ 0.7710	$ 0.7710	$ 0.7710
Transformation Connection Service Rate	kW	$ 1.7493	$ 1.7493	$ 1.7493
Both Line and Transformation Connection Service Rate	kW	$ 2.5203	$ 2.5203	$ 2.5203

If needed, add extra host here. (I)	Unit	2017	2018	2019
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	$ -	$ -	$ -

If needed, add extra host here. (II)	Unit	2017	2018	2019
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	$ -	$ -	$ -

		Historical 2017	Current 2018	Forecast 2019
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	$			

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Incentive Regulation Model for 2019 Filers

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

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	110,174	$3.67	$ 404,002		$0.00			$0.00		$ -
February	111,451	$3.67	$ 408,701		$0.00			$0.00		$ -
March	102,128	$3.66	$ 374,220		$0.00			$0.00		$ -
April	84,902	$3.66	$ 311,063		$0.00			$0.00		$ -
May	68,611	$3.66	$ 251,318		$0.00			$0.00		$ -
June	62,520	$3.66	$ 229,003		$0.00			$0.00		$ -
July	69,108	$3.66	$ 253,100		$0.00			$0.00		$ -
August	66,719	$3.66	$ 244,250		$0.00			$0.00		$ -
September	76,492	$3.66	$ 280,118		$0.00			$0.00		$ -
October	71,624	$3.66	$ 262,334		$0.00			$0.00		$ -
November	102,963	$2.40	$ 247,430		$0.00			$0.00		$ -
December	118,249	$4.50	$ 532,074		$0.00			$0.00		$ -
Total	1,044,942	$ 3.63	$ 3,797,613	-	$ -	$ -	-	$ -	$ -	$ -

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		$0.0000			$0.0000			$0.0000		$ -
February		$0.0000			$0.0000			$0.0000		$ -
March		$0.0000			$0.0000			$0.0000		$ -
April		$0.0000			$0.0000			$0.0000		$ -
May		$0.0000			$0.0000			$0.0000		$ -
June		$0.0000			$0.0000			$0.0000		$ -
July		$0.0000			$0.0000			$0.0000		$ -
August		$0.0000			$0.0000			$0.0000		$ -
September		$0.0000			$0.0000			$0.0000		$ -
October		$0.0000			$0.0000			$0.0000		$ -
November		$0.0000			$0.0000			$0.0000		$ -
December		$0.0000			$0.0000			$0.0000		$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (I) (if needed)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		$ -			$ -			$ -		$ -
February		$ -			$ -			$ -		$ -
March		$ -			$ -			$ -		$ -
April		$ -			$ -			$ -		$ -
May		$ -			$ -			$ -		$ -
June		$ -			$ -			$ -		$ -
July		$ -			$ -			$ -		$ -
August		$ -			$ -			$ -		$ -
September		$ -			$ -			$ -		$ -
October		$ -			$ -			$ -		$ -
November		$ -			$ -			$ -		$ -
December		$ -			$ -			$ -		$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (II) (if needed)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		$ -			$ -			$ -		$ -
February		$ -			$ -			$ -		$ -
March		$ -			$ -			$ -		$ -
April		$ -			$ -			$ -		$ -
May		$ -			$ -			$ -		$ -
June		$ -			$ -			$ -		$ -
July		$ -			$ -			$ -		$ -
August		$ -			$ -			$ -		$ -
September		$ -			$ -			$ -		$ -
October		$ -			$ -			$ -		$ -
November		$ -			$ -			$ -		$ -
December		$ -			$ -			$ -		$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

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Incentive Regulation Model for 2019 Filers

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

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	110,174	$ 3.6670	$ 404,002	-	$ -	$ -	-	$ -	$ -	$ -
February	111,451	$ 3.6671	$ 408,701	-	$ -	$ -	-	$ -	$ -	$ -
March	102,128	$ 3.6642	$ 374,220	-	$ -	$ -	-	$ -	$ -	$ -
April	84,902	$ 3.6638	$ 311,063	-	$ -	$ -	-	$ -	$ -	$ -
May	68,611	$ 3.6629	$ 251,318	-	$ -	$ -	-	$ -	$ -	$ -
June	62,520	$ 3.6628	$ 229,003	-	$ -	$ -	-	$ -	$ -	$ -
July	69,108	$ 3.6624	$ 253,100	-	$ -	$ -	-	$ -	$ -	$ -
August	66,719	$ 3.6609	$ 244,250	-	$ -	$ -	-	$ -	$ -	$ -
September	76,492	$ 3.6620	$ 280,118	-	$ -	$ -	-	$ -	$ -	$ -
October	71,624	$ 3.6627	$ 262,334	-	$ -	$ -	-	$ -	$ -	$ -
November	102,963	$ 2.4031	$ 247,430	-	$ -	$ -	-	$ -	$ -	$ -
December	118,249	$ 4.4996	$ 532,074	-	$ -	$ -	-	$ -	$ -	$ -
Total	1,044,942	$ 3.63	$ 3,797,613	-	$ -	$ -	-	$ -	$ -	$ -

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

Ontario Energy Board

Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when current 2018 Uniform Transmission Rates are applied against historical 2017 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	110,174	$ 3.6100	$ 397,727	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
February	111,451	$ 3.6100	$ 402,340	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
March	102,128	$ 3.6100	$ 368,683	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
April	84,902	$ 3.6100	$ 306,497	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
May	68,611	$ 3.6100	$ 247,685	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
June	62,520	$ 3.6100	$ 225,699	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
July	69,108	$ 3.6100	$ 249,480	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
August	66,719	$ 3.6100	$ 240,854	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
September	76,492	$ 3.6100	$ 276,137	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
October	71,624	$ 3.6100	$ 258,563	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
November	102,963	$ 3.6100	$ 371,696	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
December	118,249	$ 3.6100	$ 426,878	-	$ 0.9500	$ -	-	$ 2.3400	$ -	$ -
Total	1,044,942	$ 3.61	$ 3,772,239	-	$ -	$ -	-	$ -	$ -	$ -

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
February	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
March	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
April	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
May	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
June	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
July	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
August	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
September	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
October	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
November	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
December	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	110,174	$ 3.6100	$ 397,727	-	$ -	$ -	-	$ -	$ -	$ -
February	111,451	$ 3.6100	$ 402,340	-	$ -	$ -	-	$ -	$ -	$ -
March	102,128	$ 3.6100	$ 368,683	-	$ -	$ -	-	$ -	$ -	$ -

Ontario Energy Board

Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when current 2018 Uniform Transmission Rates are applied against historical 2017 transmission units.

April	84,902	$	3.6100	$	306,497	-	$	-	$	-	-	$	-	$	-	$	-
May	68,611	$	3.6100	$	247,685	-	$	-	$	-	-	$	-	$	-	$	-
June	62,520	$	3.6100	$	225,699	-	$	-	$	-	-	$	-	$	-	$	-
July	69,108	$	3.6100	$	249,480	-	$	-	$	-	-	$	-	$	-	$	-
August	66,719	$	3.6100	$	240,854	-	$	-	$	-	-	$	-	$	-	$	-
September	76,492	$	3.6100	$	276,137	-	$	-	$	-	-	$	-	$	-	$	-
October	71,624	$	3.6100	$	258,563	-	$	-	$	-	-	$	-	$	-	$	-
November	102,963	$	3.6100	$	371,696	-	$	-	$	-	-	$	-	$	-	$	-
December	118,249	$	3.6100	$	426,878	-	$	-	$	-	-	$	-	$	-	$	-
Total	1,044,942	$	3.61	$	3,772,239	-	$	-	$	-	-	$	-	$	-	$	-

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

Ontario Energy Board

Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2017 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	110,174	$ 3.7100	$ 408,744	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
February	111,451	$ 3.7100	$ 413,485	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
March	102,128	$ 3.7100	$ 378,896	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
April	84,902	$ 3.7100	$ 314,987	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
May	68,611	$ 3.7100	$ 254,546	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
June	62,520	$ 3.7100	$ 231,951	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
July	69,108	$ 3.7100	$ 256,391	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
August	66,719	$ 3.7100	$ 247,526	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
September	76,492	$ 3.7100	$ 283,786	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
October	71,624	$ 3.7100	$ 265,725	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
November	102,963	$ 3.7100	$ 381,993	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
December	118,249	$ 3.7100	$ 438,703	-	$ 0.9400	$ -	-	$ 2.2500	$ -	$ -
Total	1,044,942	$ 3.71	$ 3,876,733	-	$ -	$ -	-	$ -	$ -	$ -

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
February	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
March	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
April	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
May	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
June	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
July	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
August	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
September	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
October	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
November	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
December	-	$ 3.1942	$ -	-	$ 0.7710	$ -	-	$ 1.7493	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	110,174	$ 3.71	$ 408,744	-	$ -	$ -	-	$ -	$ -	$ -

Ontario Energy Board

Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2017 transmission units.

February	111,451	$	3.71	$	413,485	-	$	-	$	-	-	$	-	$	-	$	-	$	-
March	102,128	$	3.71	$	378,896	-	$	-	$	-	-	$	-	$	-	$	-	$	-
April	84,902	$	3.71	$	314,987	-	$	-	$	-	-	$	-	$	-	$	-	$	-
May	68,611	$	3.71	$	254,546	-	$	-	$	-	-	$	-	$	-	$	-	$	-
June	62,520	$	3.71	$	231,951	-	$	-	$	-	-	$	-	$	-	$	-	$	-
July	69,108	$	3.71	$	256,391	-	$	-	$	-	-	$	-	$	-	$	-	$	-
August	66,719	$	3.71	$	247,526	-	$	-	$	-	-	$	-	$	-	$	-	$	-
September	76,492	$	3.71	$	283,786	-	$	-	$	-	-	$	-	$	-	$	-	$	-
October	71,624	$	3.71	$	265,725	-	$	-	$	-	-	$	-	$	-	$	-	$	-
November	102,963	$	3.71	$	381,993	-	$	-	$	-	-	$	-	$	-	$	-	$	-
December	118,249	$	3.71	$	438,703	-	$	-	$	-	-	$	-	$	-	$	-	$	-
Total	1,044,942	$	3.71	$	3,876,733	-	$	-	$	-	-	$	-	$	-	$	-	$	-

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

Ontario Energy Board

Incentive Regulation Model for 2019 Filers

The purpose of this table is to re-align the current RTS Network Rates to recover current wholesale network costs.

Rate Class	Rate Description	Unit	Current RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0060	296,424,215	0	1,778,545	46.4%	1,749,468	0.0059
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0056	95,414,826	0	534,323	13.9%	525,588	0.0055
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.2694		409,679	929,726	24.2%	914,526	2.2323
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8541		201,085	573,917	15.0%	564,534	2.8074
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0056	951,374	0	5,328	0.1%	5,241	0.0055
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.7202		619	1,065	0.0%	1,047	1.6921
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.7116		7,030	12,033	0.3%	11,836	1.6836

The purpose of this table is to re-align the current RTS Connection Rates to recover current wholesale connection costs.

Rate Class	Rate Description	Unit	Current RTSR-Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR-Connection
Residential Service Classification									
General Service Less Than 50 kW Service Classification									
General Service 50 To 4,999 kW Service Classification									
General Service 50 To 4,999 kW Service Classification									
Unmetered Scattered Load Service Classification									
Sentinel Lighting Service Classification									
Street Lighting Service Classification									

The purpose of this table is to update the re-aligned RTS Network Rates to recover future wholesale network costs.

Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR-Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0059	296,424,215	0	1,749,468	46.4%	1,797,930	**0.0061**
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0055	95,414,826	0	525,588	13.9%	540,147	**0.0057**
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.2323		409,679	914,526	24.2%	939,859	**2.2941**
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8074		201,085	564,534	15.0%	580,172	**2.8852**
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0055	951,374	0	5,241	0.1%	5,386	**0.0057**
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.6921		619	1,047	0.0%	1,076	**1.7389**
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.6836		7,030	11,836	0.3%	12,164	**1.7303**

The purpose of this table is to update the re-aligned RTS Connection Rates to recover future wholesale connection costs.

Rate Class	Rate Description	Unit	Adjusted RTSR-Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR-Connection

Ontario Energy Board

Incentive Regulation Model for 2019 Filers

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

Price Escalator	**1.50%**	**Productivity Factor**	**0.00%**	**# of Residential Customers (approved in the last CoS)**	29,816	**Effective Year of Residential Rate Design Transition (yyyy)**	2016
Choose Stretch Factor Group	IV	**Price Cap Index**	**1.05%**	**Billed kWh for Residential Class (approved in the last CoS)**	288,323,799	**OEB-approved # of Transition Years**	5
Associated Stretch Factor Value	**0.45%**			**Rate Design Transition Years Left**	**2**		

Rate Class	**Current MFC**	**MFC Adjustment from R/C Model**	**Current Volumetric Charge**	**DVR Adjustment from R/C Model**	**Price Cap Index to be Applied to MFC and DVR**	**Proposed MFC**	**Proposed Volumetric Charge**
RESIDENTIAL SERVICE CLASSIFICATION	24.41		0.0086		1.05%	28.17	0.0043
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	20.73		0.0248		1.05%	20.95	0.0251
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	114.46		6.7295		1.05%	115.66	6.8002
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	12.69		0.0383		1.05%	12.82	0.0387
SENTINEL LIGHTING SERVICE CLASSIFICATION	3.55		33.1502		1.05%	3.59	33.4983
STREET LIGHTING SERVICE CLASSIFICATION	1.37		8.9284		1.05%	1.38	9.0221
microFIT SERVICE CLASSIFICATION	5.4					5.4	

Rate Design Transition		**Revenue from Rates**	**Current F/V Split**	**Decoupling MFC Split**	**Incremental Fixed Charge ($/month/year)**	**New F/V Split**	**Adjusted Rates[1]**	**Revenue at New F/V Split**
Current Residential Fixed Rate (inclusive of R/C adj.)	24.4100	8,733,703	77.9%	11.1%	3.47	88.9%	27.88	9,975,241
Current Residential Variable Rate (inclusive of R/C adj.)	0.0086	2,479,585	22.1%			11.1%	0.0043	1,239,792
		11,213,287						11,215,033

Ontario Energy Board

Incentive Regulation Model for 2019 Filers

Update the following rates if an OEB Decision has been issued at the time of completing this application

Regulatory Charges		**Proposed**
Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Time-of-Use RPP Prices

As of		May 1, 2018
Off-Peak	$/kWh	0.0650
Mid-Peak	$/kWh	0.0940
On-Peak	$/kWh	0.1320

Debt Retirement Charge (DRC)

Debt Retirement Charge (DRC)	$/kWh	0.0000

Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	$	0.57

Ontario Energy Board

Incentive Regulation Model for 2019 Filers

In the Green Cells below, enter any proposed rate riders that are not already included in this model (e.g.: proposed ICM rate riders). Please note that existing SMIRR and SM Entity Charge do not need to be included below.
In column A, the rate rider descriptions must begin with "Rate Rider for".
In column B, choose the associated unit from the drop-down menu.
In column C, enter the rate. All rate riders with a "$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.
In column E, enter the expiry date (e.g. April 30, 2020) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).
In column G, choose the sub-total as applicable in the bill impact calculation from the drop-down menu.

RESIDENTIAL SERVICE CLASSIFICATION

Rate Rider For ICM	$	0.83	- effective until	2020-04-30	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

Rate Rider For ICM	$	0.55	- effective until	2020-04-30	A
Rate Rider For ICM	$/kWh	0.0007	- effective until	2020-04-30	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

Rate Rider For ICM	$	3.03	- effective until	2020-04-30	A
Rate Rider For ICM	$/kW	0.1784	- effective until	2020-04-30	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

Rate Rider For ICM	$	0.34	- effective until	2020-04-30	A
Rate Rider For ICM	$/kWh	0.0010	- effective until	2020-04-30	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

SENTINEL LIGHTING SERVICE CLASSIFICATION

Rate Rider For ICM	$	0.09	- effective until	2020-04-30	A
Rate Rider For ICM	$/kW	0.8790	- effective until	2020-04-30	A
			- effective until		
			- effective until		
			- effective until		

			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

STREET LIGHTING SERVICE CLASSIFICATION

Rate Rider For ICM	$	0.04	- effective until	2020-04-30	A
Rate Rider For ICM	$/kW	0.2367	- effective until	2020-04-30	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

microFIT SERVICE CLASSIFICATION

			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

PUC Distribution Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0219

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a single family unit, non-commercial. This can be a separately metered living accommodation, town house, apartment, semi-detached, duplex, triplex or quadruplex with residential zoning. Class B consumers are defined on accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	28.17
Rate Rider For ICM - effective until April 30, 2020	$	0.83
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(1.30)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$	(0.05)
Distribution Volumetric Rate	$/kWh	0.0043
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	$/kWh	(0.0035)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	(0.0032)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	$/kWh	0.0061

MONTHLY RATES AND CHARGES - Regulatory Component

Rate Rider for Embedded Generation Adjustment	$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PUC Distribution Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0219

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	20.95
Rate Rider For ICM - effective until April 30, 2020	$	0.55
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(0.86)
Distribution Volumetric Rate	$/kWh	0.0251
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	$/kWh	(0.0035)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	(0.0032)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$/kWh	(0.0001)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	$/kWh	0.0008
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kWh	0.0019
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$/kWh	(0.0010)
Rate Rider For ICM - effective until April 30, 2020	$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	$/kWh	0.0057

MONTHLY RATES AND CHARGES - Regulatory Component

Rate Rider for Embedded Generation Adjustment	$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PUC Distribution Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0219

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly peak demand used for billing purposes over the past 12 months is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and Class B consumers are defined on accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	115.66
Rate Rider For ICM - effective until April 30, 2020	$	3.03
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(4.74)
Distribution Volumetric Rate	$/kW	6.8002
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	$/kW	(1.3270)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kW	(1.2817)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$/kW	(0.0258)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	$/kW	0.1141
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kW	0.0962
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$/kW	(0.2734)
Rate Rider For ICM - effective until April 30, 2020	$/kW	0.1784
Retail Transmission Rate - Network Service Rate	$/kW	2.2941
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8852

MONTHLY RATES AND CHARGES - Regulatory Component

Rate Rider for Embedded Generation Adjustment	$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PUC Distribution Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0219

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information documentation with regard to electrical demand/consumption of the proposed unmetered load. Class B consumers are defined on accordance with O. Reg. 429/04. Further servicing details are available in the Distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	12.82
Rate Rider For ICM - effective until April 30, 2020	$	0.34
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(0.53)
Distribution Volumetric Rate	$/kWh	0.0387
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	$/kWh	(0.0035)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	(0.0032)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$/kWh	(0.0001)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	$/kWh	(0.0004)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kWh	(0.0010)
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$/kWh	(0.0016)
Rate Rider For ICM - effective until April 30, 2020	$/kWh	0.0010
Retail Transmission Rate - Network Service Rate	$/kWh	0.0057

MONTHLY RATES AND CHARGES - Regulatory Component

Rate Rider for Embedded Generation Adjustment	$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PUC Distribution Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0219

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential or General Service customer. This is typically exterior lighting, and unmetered. Consumption is estimated based on the equipment rating and estimated hours of use. Class B consumers are defined on accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	3.59
Rate Rider For ICM - effective until April 30, 2020	$	0.09
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(0.15)
Distribution Volumetric Rate	$/kW	33.4983
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	$/kW	(1.2106)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kW	(1.1433)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$/kW	(0.0229)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	$/kW	(0.4540)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kW	(1.1660)
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$/kW	(1.3742)
Rate Rider For ICM - effective until April 30, 2020	$/kW	0.8790
Retail Transmission Rate - Network Service Rate	$/kW	1.7389

MONTHLY RATES AND CHARGES - Regulatory Component

Rate Rider for Embedded Generation Adjustment	$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PUC Distribution Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0219

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	1.38
Rate Rider For ICM - effective until April 30, 2020	$	0.04
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$	(0.06)
Distribution Volumetric Rate	$/kW	9.0221
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	$/kW	(0.9259)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved on an Interim Basis	$/kW	(1.1380)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	$/kW	(0.0221)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	$/kW	16.1799
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2020	$/kW	5.5286
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	$/kW	(0.3701)
Rate Rider For ICM - effective until April 30, 2020	$/kW	0.2367
Retail Transmission Rate - Network Service Rate	$/kW	1.7303

MONTHLY RATES AND CHARGES - Regulatory Component

Rate Rider for Embedded Generation Adjustment - effective until	$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PUC Distribution Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0219

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5.40

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Returned cheque (plus bank charges)	$	15.00
Legal letter charge	$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00

Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	$	30.00
Collection of account charge - no disconnection - after regular hours	$	165.00
Disconnect/reconnect charge - at meter - during regular hours	$	65.00
Disconnect/reconnect charge - at meter - after hours	$	185.00
Disconnect/reconnect charge - at pole - during regular hours	$	185.00
Disconnect/reconnect charge - at pole - after hours	$	415.00
Install/remove load control device - during regular hours	$	65.00
Install/remove load control device - after regular hours	$	185.00

Other

Special meter reads	$	30.00
Service call - customer-owned equipment		Time & Materials
Service call - after regular hours		Time & Materials
Temporary service - install & remove - overhead - no transformer		Time & Materials
Temporary service - install & remove - underground - no transformer		Time & Materials
Temporary service - install & remove - overhead - with transformer		Time & Materials
Specific charge for access to the power poles - $/pole/year		
Specific charge for access to the power poles - $/pole/year		
(with the exception of wireless attachments) - in effect from January 1, 2019	$	43.63
Removal of overhead lines - during regular hours		Time & Materials
Removal of overhead lines - after hours		Time & Materials
Roadway escort - after regular hours		Time & Materials

PUC Distribution Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0219

RETAIL SERVICE CHARGES (if applicable)

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

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

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

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

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0481
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0385

Ontario Energy Board

Incentive Regulation Model for 2019 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate Applications.**

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Note:
1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of $0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	**Units**	**RPP? Non-RPP Retailer? Non-RPP Other?**	**Current Loss Factor** (eg: 1.0351)	**Proposed Loss Factor**	**Consumption (kWh)**	**Demand kW (if applicable)**	**RTSR Demand or Demand-Interval?**	**Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).**
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	RPP	1.0481	1.0481	750		N/A	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	**kWh**	RPP	1.0481	1.0481	2,000		N/A	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.0481	1.0481	57,220	145	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	**kWh**	Non-RPP (Other)	1.0481	1.0481	3,600		N/A	1
SENTINEL LIGHTING SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.0481	1.0481	50	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.0481	1.0481	199,852	585	DEMAND	8,070
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	Non-RPP (Retailer)	1.0481	1.0481	750		N/A	
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	RPP	1.0481	1.0481	308		N/A	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	**kWh**	Non-RPP (Retailer)	1.0481	1.0481	2,000		N/A	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.0481	1.0481	57,220	145	EMAND - INTERVAL	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	**Units**	**Sub-Total**						**Total**	
		A		**B**		**C**		**Total Bill**	
		$	**%**	**$**	**%**	**$**	**%**	**$**	**%**
RESIDENTIAL SERVICE CLASSIFICATION - RPP									
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP									
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)									
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)									
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)									
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)									
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)									
RESIDENTIAL SERVICE CLASSIFICATION - RPP									
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)									
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)									

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0481	
Proposed/Approved Loss Factor	1.0481	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 24.41	1	$ -	$ 28.17	1	$ -	$ -	
Distribution Volumetric Rate	$ 0.0086	0	$ -	$ 0.0043	0	$ -	$ -	
Fixed Rate Riders	$ (1.35)	1	$ -	$ (0.52)	1	$ -	$ -	
Volumetric Rate Riders	$ 0.0002	0	$ -	$ 0.0007	0	$ -	$ -	
Sub-Total A (excluding pass through)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	-$ 0.0032	-	$ -	-$ 0.0067	-	$ -	$ -	
CBR Class B Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
GA Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
Low Voltage Service Charge	$ -	-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	-$ 0.0004	-	$ -	-$ 0.0004	-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
RTSR - Network	$ 0.0060	-	$ -	$ 0.0061	-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ -	$ 0.25	1	$ 0.25	$ 0.25	
TOU - Off Peak	$ 0.0650	-	$ -	$ 0.0650	-	$ -	$ -	
TOU - Mid Peak	$ 0.0940	-	$ -	$ 0.0940	-	$ -	$ -	
TOU - On Peak	$ 0.1320	-	$ -	$ 0.1320	-	$ -	$ -	
Total Bill on TOU (before Taxes)			**$ (60.50)**			**$ (60.25)**	**$ 0.25**	**-0.41%**
HST	13%		$ (7.87)	13%		$ (7.83)	$ 0.03	-0.41%
8% Rebate	8%		$ 4.84	8%		$ 4.82	$ (0.02)	
Total Bill on TOU			**$ (63.53)**			**$ (63.26)**	**$ 0.26**	**-0.41%**

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0481	
Proposed/Approved Loss Factor	1.0481	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 20.73	1	$ -	$ 20.95	1	$ -	$ -	
Distribution Volumetric Rate	$ 0.0248	0	$ -	$ 0.0251	0	$ -	$ -	
Fixed Rate Riders	$ (0.86)	1	$ -	$ (0.31)	1	$ -	$ -	
Volumetric Rate Riders	$ 0.0008	0	$ -	$ 0.0023	0	$ -	$ -	
Sub-Total A (excluding pass through)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	-$ 0.0032	-	$ -	-$ 0.0067	-	$ -	$ -	
CBR Class B Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
GA Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
Low Voltage Service Charge	$ -	-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	-$ 0.0004	-	$ -	-$ 0.0004	-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
RTSR - Network	$ 0.0056	-	$ -	$ 0.0057	-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ -	$ 0.25	1	$ 0.25	$ 0.25	
TOU - Off Peak	$ 0.0650	-	$ -	$ 0.0650	-	$ -	$ -	
TOU - Mid Peak	$ 0.0940	-	$ -	$ 0.0940	-	$ -	$ -	
TOU - On Peak	$ 0.1320	-	$ -	$ 0.1320	-	$ -	$ -	
Total Bill on TOU (before Taxes)			**$ (60.50)**			**$ (60.25)**	**$ 0.25**	**-0.41%**
HST	13%		$ (7.87)	13%		$ (7.83)	$ 0.03	-0.41%
8% Rebate	8%		$ 4.84	8%		$ 4.82	$ (0.02)	
Total Bill on TOU			**$ (63.53)**			**$ (63.26)**	**$ 0.26**	**-0.41%**

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	57,220	kWh
Demand	145	kW
Current Loss Factor	1.0481	
Proposed/Approved Loss Factor	1.0481	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 114.46	1	$ -	$ 115.66	1	$ -	$ -	
Distribution Volumetric Rate	$ 6.7295	0	$ -	$ 6.8002	0	$ -	$ -	
Fixed Rate Riders	$ (4.74)	1	$ -	$ (1.71)	1	$ -	$ -	
Volumetric Rate Riders	-$ 0.2030	0	$ -	$ 0.0895	0	$ -	$ -	
Sub-Total A (excluding pass through)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	-$ 1.2817	-	$ -	-$ 2.6185	-	$ -	$ -	
CBR Class B Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
GA Rate Riders	$ 0.0004	-	$ -	$ 0.0026	-	$ -	$ -	
Low Voltage Service Charge	$ -	-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	-$ 0.0004	-	$ -	-$ 0.0004	-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
RTSR - Network	$ 2.2694	-	$ -	$ 2.2941	-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ -	$ 0.25	1	$ 0.25	$ 0.25	
Average IESO Wholesale Market Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Bill on Average IESO Wholesale Market Price			**$ (60.50)**			**$ (60.25)**	**$ 0.25**	**-0.41%**
HST	13%		$ (7.87)	13%		$ (7.83)	$ 0.03	-0.41%
Total Bill on Average IESO Wholesale Market Price			**$ (68.37)**			**$ (68.08)**	**$ 0.28**	**-0.41%**

Customer Class:	**UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**3,600**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0481**	
Proposed/Approved Loss Factor	**1.0481**	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 12.69	1	$ -	$ 12.82	1	$ -	$ -	
Distribution Volumetric Rate	$ 0.0383	0	$ -	$ 0.0387	0	$ -	$ -	
Fixed Rate Riders	$ (0.53)	1	$ -	$ (0.19)	1	$ -	$ -	
Volumetric Rate Riders	-$ 0.0027	0	$ -	-$ 0.0021	0	$ -	$ -	
Sub-Total A (excluding pass through)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	-$ 0.0032	-	$ -	-$ 0.0067	-	$ -	$ -	
CBR Class B Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
GA Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
Low Voltage Service Charge	$ -	-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	-$ 0.0004	-	$ -	-$ 0.0004	-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
RTSR - Network	$ 0.0056	-	$ -	$ 0.0057	-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ -	$ 0.25	1	$ 0.25	$ 0.25	
Average IESO Wholesale Market Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Bill on Average IESO Wholesale Market Price			**$ (60.50)**			**$ (60.25)**	**$ 0.25**	**-0.41%**
HST	13%		$ (7.87)	13%		$ (7.83)	$ 0.03	-0.41%
Total Bill on Average IESO Wholesale Market Price			**$ (68.37)**			**$ (68.08)**	**$ 0.28**	**-0.41%**

Customer Class:	**SENTINEL LIGHTING SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**50**	**kWh**
Demand	**1**	**kW**
Current Loss Factor	**1.0481**	
Proposed/Approved Loss Factor	**1.0481**	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 3.55	1	$ -	$ 3.59	1	$ -	$ -	
Distribution Volumetric Rate	$ 33.1502	0	$ -	$ 33.4983	0	$ -	$ -	
Fixed Rate Riders	$ (0.15)	1	$ -	$ (0.06)	1	$ -	$ -	
Volumetric Rate Riders	-$ 2.5631	0	$ -	-$ 2.1381	0	$ -	$ -	
Sub-Total A (excluding pass through)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	-$ 1.1433	-	$ -	-$ 2.3547	-	$ -	$ -	
CBR Class B Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
GA Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
Low Voltage Service Charge	$ -	-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	-$ 0.0004	-	$ -	-$ 0.0004	-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
RTSR - Network	$ 1.7202	-	$ -	$ 1.7389	-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ -	$ 0.25	1	$ 0.25	$ 0.25	
Average IESO Wholesale Market Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Bill on Average IESO Wholesale Market Price			**$ (60.50)**			**$ (60.25)**	**$ 0.25**	**-0.41%**
HST	13%		$ (7.87)	13%		$ (7.83)	$ 0.03	-0.41%
Total Bill on Average IESO Wholesale Market Price			**$ (68.37)**			**$ (68.08)**	**$ 0.28**	**-0.41%**

Customer Class:	**STREET LIGHTING SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**199,852**	**kWh**
Demand	**585**	**kW**
Current Loss Factor	**1.0481**	
Proposed/Approved Loss Factor	**1.0481**	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 1.37	8070	$ -	$ 1.38	1	$ -	$ -	
Distribution Volumetric Rate	$ 8.9284	0	$ -	$ 9.0221	0	$ -	$ -	
Fixed Rate Riders	$ (0.06)	1	$ -	$ (0.02)	1	$ -	$ -	
Volumetric Rate Riders	$ 5.1364	0	$ -	$ 21.5530	0	$ -	$ -	
Sub-Total A (excluding pass through)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	-$ 1.1380	-	$ -	-$ 2.0998	-	$ -	$ -	
CBR Class B Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
GA Rate Riders	$ 0.0004	-	$ -	$ 0.0026	-	$ -	$ -	
Low Voltage Service Charge	$ -	-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	-$ 0.0004	-	$ -	-$ 0.0004	-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
RTSR - Network	$ 1.7116	-	$ -	$ 1.7303	-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ -	$ 0.25	1	$ 0.25	$ 0.25	
Average IESO Wholesale Market Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Bill on Average IESO Wholesale Market Price			**$ (60.50)**			**$ (60.25)**	**$ 0.25**	**-0.41%**
HST	13%		$ (7.87)	13%		$ (7.83)	$ 0.03	-0.41%
Total Bill on Average IESO Wholesale Market Price			**$ (68.37)**			**$ (68.08)**	**$ 0.28**	**-0.41%**

Customer Class:	**RESIDENTIAL SERVICE CLASSIFICATION**
RPP / Non-RPP:	**Non-RPP (Retailer)**
Consumption	**750** **kWh**
Demand	**-** **kW**
Current Loss Factor	**1.0481**
Proposed/Approved Loss Factor	**1.0481**

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 24.41	1	$ -	$ 28.17	1	$ -	$ -	
Distribution Volumetric Rate	$ 0.0086	0	$ -	$ 0.0043	0	$ -	$ -	
Fixed Rate Riders	$ (1.35)	1	$ -	$ (0.52)	1	$ -	$ -	
Volumetric Rate Riders	$ 0.0002	0	$ -	$ 0.0007	0	$ -	$ -	
Sub-Total A (excluding pass through)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	-$ 0.0032	-	$ -	-$ 0.0067	-	$ -	$ -	
CBR Class B Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
GA Rate Riders	$ 0.0004	-	$ -	$ 0.0026	-	$ -	$ -	
Low Voltage Service Charge	$ -	-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	-$ 0.0004	-	$ -	-$ 0.0004	-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
RTSR - Network	$ 0.0060	-	$ -	$ 0.0061	-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Bill on Non-RPP Avg. Price			**$ (60.50)**			**$ (60.25)**	**$ 0.25**	**-0.41%**
HST	13%		$ (7.87)	13%		$ (7.83)	$ 0.03	-0.41%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			**$ (68.37)**			**$ (68.08)**	**$ 0.28**	**-0.41%**

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	308	kWh
Demand	-	kW
Current Loss Factor	1.0481	
Proposed/Approved Loss Factor	1.0481	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 24.41	1	$ -	$ 28.17	1	$ -	$ -	
Distribution Volumetric Rate	$ 0.0086	0	$ -	$ 0.0043	0	$ -	$ -	
Fixed Rate Riders	$ (1.35)	1	$ -	$ (0.52)	1	$ -	$ -	
Volumetric Rate Riders	$ 0.0002	0	$ -	$ 0.0007	0	$ -	$ -	
Sub-Total A (excluding pass through)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	-$ 0.0032	-	$ -	-$ 0.0067	-	$ -	$ -	
CBR Class B Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
GA Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
Low Voltage Service Charge	$ -	-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	-$ 0.0004	-	$ -	-$ 0.0004	-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
RTSR - Network	$ 0.0060	-	$ -	$ 0.0061	-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ -	$ 0.25	1	$ 0.25	$ 0.25	
TOU - Off Peak	$ 0.0650	-	$ -	$ 0.0650	-	$ -	$ -	
TOU - Mid Peak	$ 0.0940	-	$ -	$ 0.0940	-	$ -	$ -	
TOU - On Peak	$ 0.1320	-	$ -	$ 0.1320	-	$ -	$ -	
Total Bill on TOU (before Taxes)			**$ (60.50)**			**$ (60.25)**	**$ 0.25**	**-0.41%**
HST	13%		$ (7.87)	13%		$ (7.83)	$ 0.03	-0.41%
8% Rebate	8%		$ 4.84	8%		$ 4.82	$ (0.02)	
Total Bill on TOU			**$ (63.53)**			**$ (63.26)**	**$ 0.26**	**-0.41%**

Customer Class:	**GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**
RPP / Non-RPP:	**Non-RPP (Retailer)**
Consumption	**2,000** **kWh**
Demand	**-** **kW**
Current Loss Factor	**1.0481**
Proposed/Approved Loss Factor	**1.0481**

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 20.73	1	$ -	$ 20.95	1	$ -	$ -	
Distribution Volumetric Rate	$ 0.0248	0	$ -	$ 0.0251	0	$ -	$ -	
Fixed Rate Riders	$ (0.86)	1	$ -	$ (0.31)	1	$ -	$ -	
Volumetric Rate Riders	$ 0.0008	0	$ -	$ 0.0023	0	$ -	$ -	
Sub-Total A (excluding pass through)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	-$ 0.0032	-	$ -	-$ 0.0067	-	$ -	$ -	
CBR Class B Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
GA Rate Riders	$ 0.0004	-	$ -	$ 0.0026	-	$ -	$ -	
Low Voltage Service Charge	$ -	-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	-$ 0.0004	-	$ -	-$ 0.0004	-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
RTSR - Network	$ 0.0056	-	$ -	$ 0.0057	-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Bill on Non-RPP Avg. Price			**$ (60.50)**			**$ (60.25)**	**$ 0.25**	**-0.41%**
HST	13%		$ (7.87)	13%		$ (7.83)	$ 0.03	-0.41%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			**$ (68.37)**			**$ (68.08)**	**$ 0.28**	**-0.41%**

Customer Class:	**GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION**
RPP / Non-RPP:	**Non-RPP (Other)**
Consumption	**57,220** **kWh**
Demand	**145** **kW**
Current Loss Factor	**1.0481**
Proposed/Approved Loss Factor	**1.0481**

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 114.46	1	$ -	$ 115.66	1	$ -	$ -	
Distribution Volumetric Rate	$ 6.7295	0	$ -	$ 6.8002	0	$ -	$ -	
Fixed Rate Riders	$ (4.74)	1	$ -	$ (1.71)	1	$ -	$ -	
Volumetric Rate Riders	-$ 0.2030	0	$ -	$ 0.0895	0	$ -	$ -	
Sub-Total A (excluding pass through)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	-$ 1.2817	-	$ -	-$ 2.6185	-	$ -	$ -	
CBR Class B Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
GA Rate Riders	$ 0.0004	-	$ -	$ 0.0026	-	$ -	$ -	
Low Voltage Service Charge	$ -	-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	$ -	-	$ -	-$ 0.0004	-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
RTSR - Network	$ 2.8541	-	$ -	$ 2.8852	-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ (60.50)**			**$ (60.50)**	**$ -**	**0.00%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ -	$ 0.25	1	$ 0.25	$ 0.25	
Average IESO Wholesale Market Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Bill on Average IESO Wholesale Market Price			**$ (60.50)**			**$ (60.25)**	**$ 0.25**	**-0.41%**
HST	13%		$ (7.87)	13%		$ (7.83)	$ 0.03	-0.41%
Total Bill on Average IESO Wholesale Market Price			**$ (68.37)**			**$ (68.08)**	**$ 0.28**	**-0.41%**

Attachment B
LRAMVA Workform

Ontario Energy Board

Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 3.0 (2019)

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.

Ontario Energy Board

LRAMVA Work Form: Instructions

Version 3.0 (2019)

Tab	Instructions
LRAMVA Checklist/Schematic Tab	The LRAMVA work form was created in a generic manner for use by all LDCs. There are some elements that are not applicable at this time (i.e., 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: o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved. o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable. o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tab 3-a. Rate Class Allocations	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
Tabs 4 and 5 (2011-2020)	Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following: o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO. o Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used. o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change. o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
Tab 7. Persistence Report	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).

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LRAMVA Work Form: Checklist and Schematic

Version 3.0 (2019)

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.

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

Legend

	Drop Down List (Blue)

Important Checklist

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

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
Actual Incremental CDM Savings by Initiative	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA ($) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges ($) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA ($) by Rate Class	Tab "1. LRAMVA Summary"			

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LRAMVA Work Form: Summary Tab

Version 3.0 (2019)

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

LDC Name	
	PUC 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-2017-0071
Application of Previous LRAMVA Claim	2018 COS
Period of LRAMVA Claimed in Previous Application	2013-2016
Amount of LRAMVA Claimed in Previous Application	$ 475,676.53

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2018-0219
Application of Current LRAMVA Claim	2019 IRM
Period of New LRAMVA in this Application	2017
Period of Rate Recovery (# years)	1

Actual Lost Revenues ($)	A	**$ 504,624**
Forecast Lost Revenues ($)	B	**$ 132,133**
Carrying Charges ($)	C	**$ 11,820**
LRAMVA ($) for Account 1568	A-B+C	**$ 384,312**

C. Documentation of Changes

Original Amount	$ 383,020.00
Amount for Final Disposition	

Table 1-a. LRAMVA Totals by Rate Class

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

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal ($)	Carrying Charges ($)	Total LRAMVA ($)
Residential	kWh	$129,025	$4,094	$133,119
GS<50 kW	kWh	$66,325	$2,105	$68,429
GS 50 to 4,999 kW	kW	$67,530	$2,143	$69,673
Unmetered Scattered Load	kWh	-$361	-$11	-$373
Sentinel Lighting	kW	-$273	-$9	-$281
Street Lighting	kW	$110,246	$3,498	$113,745
Total		**$372,491**	**$11,820**	**$384,312**

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	Unmetered Scattered Load	Sentinel Lighting	Street Lighting									Total
		kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
2011 Actuals	▫	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2011 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2012 Actuals	▫	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2012 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2013 Actuals	▫	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2013 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2014 Actuals	▫	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2014 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2015 Actuals	▫	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2015 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2016 Actuals	▫	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2016 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2017 Actuals		$181,358.23	$94,314.83	$113,057.36	$0.00	$0.00	$115,894.01	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$504,624.43
2017 Forecast		($52,333.72)	($27,990.27)	($45,527.31)	($361.37)	($272.78)	($5,647.54)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($132,132.98)
Amount Cleared																
Carrying Charges		$4,094.38	$2,104.70	$2,142.95	($11.47)	($8.66)	$3,498.49	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$11,820.40
Total LRAMVA Balance		**$133,119**	**$68,429**	**$69,673**	**-$373**	**-$281**	**$113,745**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$384,312**

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

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LRAMVA Work Form: Summary of Changes

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

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	2. LRAMVA Threshold	D24	Although a 2012 COS, rates only came into effect in 2013	Rates in calendar year 2012 did not account for CDM
2	3. Distribution Rates	Rows 124:129	Rates for 2011-2016 have been removed	LRAMVA for these years was already claimed
3	5. 2015-2020 LRAM	Tables 5a, 5b and 5c	Rearranged programs to match IESO programs (drawing on new Tab 9)	Simplifies compoarison to IESO report, has full list of programs, program names consistent with IESO re
4	5. 2015-2020 LRAM	Table 5a, Rows 45, 46, 62, 63	Showed adjustments in 2015 from 2016 and 2017 separately	Facilitates comparison with IESO report
5	5. 2015-2020 LRAM	Rows 47 and 222	Streetlighting results subtracted from retrofit program	Separate calculation of streetlights because of way billed (kW), and IESO reports (0 kW savings)
6	5. 2015-2020 LRAM	AD 188, 201:205, 362, 376:37	Streetlight demand savings calculated separately from Tab 8	
7	6. Carrying Charges	C47:C48	Carrying charge rate estimated for Jan - April 2019 based on 2018 Q4 value	Actual rate not available yet
8	6. Carrying Charges	H139:H140	Carrying charges rate for May/June 2019 set to zero	Beyond period of claim
9	8. Streetlighting	New tab	Streetlighting revenue losses calculated separately based on actual billed amounts	IESO report not suitable for determining lost revenues from streetlighting
10	9. IESO Programs	New tab	List of IESO programs by number consistent with IESO 2017 final report	Used on Tab 5 to simplify and facilitate comparison with IESO final report
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	3. Distribution Rates	Columns J & K (in red)	Corrected rates to approved values	Response to Board Staff interrogatory 20190503 #18
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

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

	Total	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	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	0	0	0	0	0	0								
kW	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

Table 2-b. LRAMVA Threshold — **2013**

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

	Total	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	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	9,399,060	4,550,758	1,365,379	3,362,279	11,657	3,394	105,593								
kW	8,701	0	0	8,396	0	10	295								
Summary		4550758	1365379	8396	11657	10	295	0	0	0	0	0	0	0	0

Years Included in Threshold: 2011 actuals + 2012 +2013 equal allocation to meet target at end of 2014

Source of Threshold: 2013 Cost of Service decision Settlement Table #7, p. 20, of the Decision and Order for EB-2012-0162, dated July 4, 2013.

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	Unmetered Scattered Load	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	2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	4,550,758	1,365,379	8,396	11,657	10	295	0	0	0	0	0	0	0	0
2014	2013	4,550,758	1,365,379	8,396	11,657	10	295	0	0	0	0	0	0	0	0
2015	2013	4,550,758	1,365,379	8,396	11,657	10	295	0	0	0	0	0	0	0	0
2016	2013	4,550,758	1,365,379	8,396	11,657	10	295	0	0	0	0	0	0	0	0
2017	2013	4,550,758	1,365,379	8,396	11,657	10	295	0	0	0	0	0	0	0	0

Note: 2013 Cost of Service decision Settlement Table #7, p.20 of the Decision and Order for EB-2012-0162, dated July 4, 2013. Note that Street Lighting and Sentinel Lighting were inadvertently switched in the source table, and corrected here. LRAMVA threshold incorporated 2011 results, so they are carried through in this application.

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LRAMVA Work Form: Distribution Rates

Version 3.0 (2019)

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-2009-0247	EB-2010-0111	EB-2012-0084	EB-2012-0162	EB-2013-0167	EB-2014-0109	EB-2015-0098	EB-2016-0102	EB-2017-0071	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*	*7*	*6*	*4*	*4*	*4*	*4*				
Period 2 (# months)		*8*	*8*	*5*	*6*	*8*	*8*	*8*	*8*	*12*	*12*	*12*	*12*
Residential	kWh	$ 0.0150	$ 0.0148	$ 0.0148	$ 0.0167	$ 0.0169	$ 0.0171	$ 0.0137	$ 0.0104				
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ 0.0150	$ 0.0148	$ 0.0148	$ 0.0167	$ 0.0169	$ 0.0171	$ 0.0137	$ 0.0104	$ -	$ -	$ -	
Calendar year equivalent			**$ 0.0149**	**$ 0.0148**	**$ 0.0158**	**$ 0.0168**	**$ 0.0170**	**$ 0.0148**	**$ 0.0115**	**$ -**	**$ -**	**$ -**	
GS<50 kW	kWh	$ 0.0177	$ 0.0175	$ 0.0176	$ 0.0197	$ 0.0200	$ 0.0202	$ 0.0202	$ 0.0205				
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other								$ 0.0001	$ 0.0001				
Adjusted rate		$ 0.0177	$ 0.0175	$ 0.0176	$ 0.0197	$ 0.0200	$ 0.0202	$ 0.0203	$ 0.0206	$ -	$ -	$ -	
Calendar year equivalent			**$ 0.0176**	**$ 0.0175**	**$ 0.0187**	**$ 0.0199**	**$ 0.0201**	**$ 0.0203**	**$ 0.0205**	**$ -**	**$ -**	**$ -**	
GS 50 to 4,999 kW	kW	$ 4.3430	$ 4.3209	$ 4.3307	$ 5.2254	$ 5.2986	$ 5.3595	$ 5.3595	$ 5.4372				
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other								$ 0.0133	$ 0.0101				
Adjusted rate		$ 4.3430	$ 4.3209	$ 4.3307	$ 5.2254	$ 5.2986	$ 5.3595	$ 5.3728	$ 5.4473	$ -	$ -	$ -	
Calendar year equivalent			**$ 4.3283**	**$ 4.3250**	**$ 4.7781**	**$ 5.2742**	**$ 5.3392**	**$ 5.3684**	**$ 5.4225**	**$ -**	**$ -**	**$ -**	
Unmetered Scattered Load	kWh	$ 0.0269	$ 0.0267	$ 0.0268	$ 0.0299	$ 0.0303	$ 0.0306	$ 0.0306	$ 0.0310				
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other								$ 0.0001	$ 0.0001				
Adjusted rate		$ 0.0269	$ 0.0267	$ 0.0268	$ 0.0299	$ 0.0303	$ 0.0306	$ 0.0307	$ 0.0311	$ -	$ -	$ -	
Calendar year equivalent			**$ 0.0268**	**$ 0.0267**	**$ 0.0284**	**$ 0.0302**	**$ 0.0305**	**$ 0.0307**	**$ 0.0310**	**$ -**	**$ -**	**$ -**	
Sentinel Lighting	kW	$ 23.4679	$ 23.2841	$ 23.2764	$ 26.2894	$ 26.6575	$ 26.9641	$ 26.9641	$ 27.3551				
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other								$ 0.0002	$ 0.0793				
Adjusted rate		$ 23.4679	$ 23.2841	$ 23.2764	$ 26.2894	$ 26.6575	$ 26.9641	$ 26.9643	$ 27.4344	$ -	$ -	$ -	
Calendar year equivalent			**$ 23.3454**	**$ 23.2809**	**$ 24.7829**	**$ 26.5348**	**$ 26.8619**	**$ 26.9642**	**$ 27.2777**	**$ -**	**$ -**	**$ -**	
Street Lighting	kW	$ 16.4488	$ 16.3194	$ 16.3138	$ 18.4267	$ 18.6847	$ 18.8996	$ 18.8996	$ 19.1736				
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other								$ 0.0618	$ 0.0620				
Adjusted rate		$ 16.4488	$ 16.3194	$ 16.3138	$ 18.4267	$ 18.6847	$ 18.8996	$ 18.9614	$ 19.2356	$ -	$ -	$ -	
Calendar year equivalent			**$ 16.3625**	**$ 16.3171**	**$ 17.3703**	**$ 18.5987**	**$ 18.8280**	**$ 18.9408**	**$ 19.1442**	**$ -**	**$ -**	**$ -**	

0														
Rate rider for tax sharing														
Rate rider for foregone revenue	0													
Other														
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0														
Rate rider for tax sharing														
Rate rider for foregone revenue	0													
Other														
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0														
Rate rider for tax sharing														
Rate rider for foregone revenue	0													
Other														
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0														
Rate rider for tax sharing														
Rate rider for foregone revenue	0													
Other														
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0														
Rate rider for tax sharing														
Rate rider for foregone revenue	0													
Other														
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0														
Rate rider for tax sharing														
Rate rider for foregone revenue	0													
Other														
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0														
Rate rider for tax sharing														
Rate rider for foregone revenue	0													
Other														
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0														
Rate rider for tax sharing														
Rate rider for foregone revenue	0													
Other														
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0														
Rate rider for tax sharing														
Rate rider for foregone revenue	0													
Other														
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

Note: 2012 rates were only implemented beginning in August

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	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								
	kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0
2011							$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2012							$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2013							$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2014							$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2015							$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2016							$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2017	$0.0115	$0.0205	$5.4225	$0.0310	$27.2777	$19.1442	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000

Note: Rates for 2011-2016 have been removed from the table as they are not part of this application

Ontario Energy Board

LRAMVA Work Form:
Determination of Rate Class Allocations

Version 3.0 (2019)

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.

Allocations are shown on Tab 4 and 5. Allocations are based on project specific information where available.
For 2011-2015, allocations were estimated by PUC staff, drawing on gross savings in the IESO project database
For 2016 and 2017, allocations are based on net results reported by IESO in the projects spreadsheet

Ontario Energy Board

LRAMVA Work Form:
2011 - 2014 Lost Revenues Work Form

Version 3.0 (2019)

Legend

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

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

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

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

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

Tables

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

Table 4-a. 2011 Lost Revenues Work Form

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA										
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting									Total
	Consumer Program																							kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified	115,083	115,083	115,083	114,577	81,088	0	0				12	17	17	17	17	11	0	0				100.00%														100%
	Adjustment to 2011 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	9,081	9,081	9,081	7,116	0	0	0				12	6	6	6	4	0	0	0				100.00%														100%
	Adjustment to 2011 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	302,460	12	148	148	148	148	148	148	148	148	148	148	100.00%														100%
	Adjustment to 2011 savings	True-up	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798	-30,798				12	-15	-15	-15	-15	-15	-15	-15				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	166,010	166,010	166,010	166,010	152,837	138,446	109,025	108,238	135,801	53,073	12	10	10	10	10	10	9	8	8	9	5	100.00%														100%
	Adjustment to 2011 savings	True-up	2,395	2,395	2,395	2,395	2,205	1,997	1,573				12	0	0	0	0	0	0	0				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	255,303	255,303	255,303	255,303	233,328	209,322	157,815	157,239	203,221	65,212	12	15	15	15	15	14	12	10	10	12	6	100.00%														100%
	Adjustment to 2011 savings	True-up	18,968	18,968	18,968	18,968	18,968	17,237	9,306				12	1	1	1	1	1	1	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%	
6	Retailer Co-op	Verified											12											100.00%														100%
	Adjustment to 2011 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified											12											100.00%														100%
	Adjustment to 2011 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified											12											0.00%														0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified											12											100.00%														100%
	Adjustment to 2011 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																				
10	Retrofit	Verified	724,440	724,440	724,440	724,440	724,440	724,440	724,440	724,440	664,592	664,592	12	128	128	128	128	128	128	128	128	105	105	0.00%	15.00%	85.00%												100%
	Adjustment to 2011 savings	True-up	428	428	428	428	428	428	428				12	0	0	0	0	0	0	0				0.00%	15.00%	85.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	576,898	574,836	571,172	468,028	468,028	467,591	92,060	91,186	91,186	91,186	12	227	226	225	189	189	189	38	37	37	37	0.00%	100.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	5,936	5,936	5,936	5,936	5,936	5,936	864				12	3	3	3	3	3	3	0				0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																								0%
	Adjustment to 2011 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12																								0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified											12																								0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified																																			0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																																			0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified																																			0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																				
18	Process & System Upgrades	Verified											12																								0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																								0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified											12																								0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																								0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified																																			0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																				
23	Home Assistance Program	Verified																																			0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																				
24	Home Assistance Program	Verified																																			0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

25	Direct Install Lighting	Verified										0																			0%
	Adjustment to 2011 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																
26	Electricity Retrofit Incentive Program	Verified	91,066	91,066	91,066	91,066	91,066	91,066	91,066	91,066	91,066	91,066	12	16	16	16	16	16	16	16	16	16	16	0.00%	0.00%	100.00%							100%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	503,823	503,823	503,823	503,823	503,823	503,823	503,823	503,823	503,823	503,823	12	98	98	98	98	98	98	98	98	98	98	0.00%	0.00%	100.00%							100%
	Adjustment to 2011 savings	True-up	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136	-246,136				12	0	0	0	0	0	0	0				0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified										0																			0%
	Adjustment to 2011 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified										0																			0%
	Adjustment to 2011 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified										0																			0%
	Adjustment to 2011 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																
31	Program Enabled Savings	Verified										0																			0%
	Adjustment to 2011 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified										0																			0%
	Adjustment to 2011 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified										12																			0%
	Adjustment to 2011 savings	True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2011		**2,494,957**										**653**									**838,502**	**691,564**	**2,666**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2011																					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2011																					$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2011 from 2011 programs																					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2011																					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2011																																**$0.00**
	2011 Savings Persisting in 2012																					838,502	689,502	2,666	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2013																					838,502	685,838	2,666	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2014																					836,030	582,694	2,666	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2015																					760,088	582,694	2,666	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2016																					638,664	582,258	2,666	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2017																					549,381	201,654	2,666	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2018																					567,938	199,852	2,669	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2019																					641,483	190,875	2,438	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2020																					420,745	190,875	2,438	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form Return to top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA										
			2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting						Total
	Consumer Program																							kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified	83,036	83,036	83,036	82,728	50,228	0					12	12	12	12	12	7						100.00%	0.00%	0.00%	0.00%									100%
	Adjustment to 2012 savings	True-up											12	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%	
2	Appliance Exchange	Verified	21,501	21,501	21,501	21,484	0	0					12	12	12	12	12	0						100.00%	0.00%	0.00%	0.00%									100%
	Adjustment to 2012 savings	True-up											12	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%	
3	HVAC Incentives	Verified	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	12	113	113	113	113	113	113	113	113	113	113	100.00%	0.00%	0.00%	0.00%									100%
	Adjustment to 2012 savings	True-up	2,902	2,902	2,902	2,902	2,902	2,902					12	1	1	1	1	1	1					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	12,147	12,147	12,147	12,147	11,964	11,964	5,634	5,603	5,603	5,603	12	2	2	2	2	2	2	2	2	2	2	100.00%	0.00%	0.00%	0.00%									100%
	Adjustment to 2012 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	232,665	232,665	232,665	232,665	209,151	170,070	116,005	115,764	115,764	58,799	12	13	13	13	13	12	10	7	7	7	5	100.00%	0.00%	0.00%	0.00%									100%
	Adjustment to 2012 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified											12											100.00%	0.00%	0.00%	0.00%									100%
	Adjustment to 2012 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified											12											100.00%	0.00%	0.00%	0.00%									100%
	Adjustment to 2012 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified											12											100.00%	0.00%	0.00%	0.00%									100%
	Adjustment to 2012 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified											12											100.00%	0.00%	0.00%	0.00%									100%
	Adjustment to 2012 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																
10	Retrofit	Verified	655,680	655,680	655,680	655,680	655,680	586,840	579,962	579,962	541,595	448,844	12	148	148	148	148	148	127	126	126	116	101	0%	32%	96%	0.00%									128%
	Adjustment to 2012 savings	True-up	285,274	285,274	285,274	285,274	285,274	285,274					12	60	60	60	60	60	60					0.00%	32.00%	96.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	1,244,484	1,239,376	1,239,376	1,067,310	1,065,605	404,251	404,251	401,588	401,588	401,588	12	339	337	337	297	297	115	115	112	112	112	0.00%	100%	0.00%	0.00%									100%
	Adjustment to 2012 savings	True-up	14,238	14,238	14,238	13,997	13,997	2,185					12	4	4	4	4	4	0					0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																						0%
	Adjustment to 2012 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12																						0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified											12																						0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified																																	0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																																	0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified																																	0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																
18	Process & System Upgrades	Verified											12																						0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																						0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified											12																						0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																						0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified																																	0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																
23	Home Assistance Program	Verified	14,396	14,220	14,220	14,220	14,220	14,220	14,220	14,220	912	912		1	1	1	1	1	1	1	1	0	0	100%	0.00%	0.00%	0.00%									100%
	Adjustment to 2012 savings	True-up	7,596	7,596	7,596	7,473	7,462	7,031						1	1	1	1	1	1					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

	Aboriginal Program																														
24	Home Assistance Program	Verified	0	0	0	0	0						0	0	0	0	0						0.00%	0.00%	0.00%	0.00%						0%
	Adjustment to 2012 savings	True-up	0	0	0	0	0						0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25	Direct Install Lighting	Verified	0	0	0	0	0					0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%						0%
	Adjustment to 2012 savings	True-up	0	0	0	0	0					0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Pre-2011 Programs completed in 2011																														
26	Electricity Retrofit Incentive Program	Verified	0	0	0	0	0					12	0	0	0	0	0						0.00%	0.00%	0%	0.00%						0%
	Adjustment to 2012 savings	True-up	0	0	0	0	0					12	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27	High Performance New Construction	Verified	494,240	494,240	494,240	494,240	494,240	494,240	494,240	494,240	494,240	494,240	12	125	125	125	125	125	125	125	125	125	0.00%	0.00%	100.00%	0.00%						100%
	Adjustment to 2012 savings	True-up	0	0	0	0	0						12	0	0	0	0	0					0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
28	Toronto Comprehensive	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29	Multifamily Energy Efficiency Rebates	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30	LDC Custom Programs	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Other																														
31	Program Enabled Savings	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
32	Time of Use Savings	Verified											0																			0%
	Adjustment to 2012 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
33	LDC Pilots	Verified											12																			0%
	Adjustment to 2012 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Actual CDM Savings in 2012		**3,282,693**											**831**									**588,776**	**1,559,828**	**3,903**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Forecast CDM Savings in 2012																						**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Distribution Rate in 2012																						$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000
	Lost Revenue in 2012 from 2011 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2012 from 2012 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2012																						**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2012																						**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2012																															**$0.00**
	2012 Savings Persisting in 2013																						588,600	1,554,719	3,903	0	0	0	0	0	0	0
	2012 Savings Persisting in 2014																						588,600	1,554,719	3,903	0	0	0	0	0	0	0
	2012 Savings Persisting in 2015																						588,153	1,382,413	3,903	0	0	0	0	0	0	0
	2012 Savings Persisting in 2016																						510,460	1,380,708	3,903	0	0	0	0	0	0	0
	2012 Savings Persisting in 2017																						420,720	685,512	3,662	0	0	0	0	0	0	0
	2012 Savings Persisting in 2018																						350,391	589,839	2,957	0	0	0	0	0	0	0
	2012 Savings Persisting in 2019																						350,119	587,175	2,957	0	0	0	0	0	0	0
	2012 Savings Persisting in 2020																						336,811	574,898	2,839	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

Table 4-c. 2013 Lost Revenues Work Form Return to top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA										
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting						Total
	Consumer Program																							kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified	69,658	69,658	69,658	69,351	38,843						12	11	11	11	11	6						100.00%	0.00%	0.00%										100%
	Adjustment to 2013 savings	True-up	0	0	0								12	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%
2	Appliance Exchange	Verified	27,339	27,339	27,339	27,339	0						12	15	15	15	15	0						100.00%	0.00%	0.00%										100%
	Adjustment to 2013 savings	True-up	0		0								12	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%
3	HVAC Incentives	Verified	261,120	261,120	261,120	261,120	261,120						12	136	136	136	136	136						100.00%	0.00%	0.00%										100%
	Adjustment to 2013 savings	True-up	10,916	10,916	10,916	10,916	10,916						12	6	6	6	6	6						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4	Conservation Instant Coupon Booklet	Verified	66,959	66,959	64,379	54,542	54,542						12	4	4	4	4	4						100.00%	0.00%	0.00%										100%
	Adjustment to 2013 savings	True-up	205	205	195	168	168						12	0	0	0	0	0						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5	Bi-Annual Retailer Event	Verified	149,250	149,250	140,257	109,567	109,567						12	10	10	10	8	8						100.00%	0.00%	0.00%										100%
	Adjustment to 2013 savings	True-up	0										12	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%
6	Retailer Co-op	Verified	0	0	0	0							12	0	0	0	0							100.00%	0.00%	0.00%										100%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	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%
7	Residential Demand Response	Verified	28	0	0	0	0						12	26	0	0	0	0						100.00%	0.00%	0.00%										100%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	25	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%
8	Residential Demand Response (IHD)	Verified	0	0	0	0	0						12	0	0	0	0	0						100.00%	0.00%	0.00%										100%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	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%
9	Residential New Construction	Verified																																	0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Business Program																																		
10	Retrofit	Verified	673,976	625,283	625,283	565,227	544,417						12	162	147	147	127	121						0.00%	15%	85%	0%									100%
	Adjustment to 2013 savings	True-up	303,111	303,111	303,111	303,111	278,391						12	41	41	41	41	34						0.00%	15.00%	85.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
11	Direct Install Lighting	Verified	1,355,476	1,351,795	1,338,641	1,139,219	434,270						12	412	411	408	354	132						0.00%	100%	0.00%	0.00%									100%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0										0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12	Building Commissioning	Verified	0	0	0	0							3	0	0	0	0							0.00%	0.00%	0.00%	0.00%									0%
	Adjustment to 2013 savings	True-up	0	0	0	0							3	0	0	0	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%
13	New Construction	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%									0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	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%
14	Energy Audit	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0%	0.00%									0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	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%
15	Small Commercial Demand Response	Verified	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%									0%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16	Small Commercial Demand Response (IHD)	Verified	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%									0%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	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%
17	Demand Response 3	Verified	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%									0%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	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%
	Industrial Program																																		
18	Process & System Upgrades	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%									0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	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%
19	Monitoring & Targeting	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%									0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	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%
20	Energy Manager	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%									0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	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%
21	Retrofit	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%									0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	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%
22	Demand Response 3	Verified	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%									0%

	Adjustment to 2013 savings	True-up	0	0	0	0							0	0	0	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%	
	Home Assistance Program																																		
23	Home Assistance Program	Verified	189,719	182,959	182,345	160,435	151,938						15	15	15	14	13						100%	0.00%	0.00%	0.00%								100%
	Adjustment to 2013 savings	True-up	49,243	48,069	47,962	44,217	42,772						9	9	9	9	8						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																		
24	Home Assistance Program	Verified																																	0%
	Adjustment to 2013 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified										0																							0%
	Adjustment to 2013 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																		
26	Electricity Retrofit Incentive Program	Verified										12																							0%
	Adjustment to 2013 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	834,398	834,398	834,398	834,398	834,398					12	213	213	213	213	213						0.00%	0.00%	100.00%	0.00%								100%
	Adjustment to 2013 savings	True-up	-417,199	-417,199	-417,199	-417,199	-417,199					12	-107	-107	-107	-107	-107						0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified										0																							0%
	Adjustment to 2013 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified										0																							0%
	Adjustment to 2013 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified										0																							0%
	Adjustment to 2013 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																		
31	Program Enabled Savings	Verified										0																							0%
	Adjustment to 2013 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified										0																							0%
	Adjustment to 2013 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified										12																							0%
	Adjustment to 2013 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2013		**3,574,198**										**955**										**824,437**	**1,502,039**	**3,353**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2013																						**4,550,758**	**1,365,379**	**8,396**	**11,657**	**10**	**295**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2013																						$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2013 from 2011 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2013 from 2012 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2013 from 2013 programs																						$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2013																						**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2013																						**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2013																																		**$0.00**
	2013 Savings Persisting in 2014																						816,475	1,491,054	3,193	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2015																						804,171	1,477,900	3,193	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2016																						737,655	1,269,470	2,996	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2017																						669,866	557,692	2,856	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2018																						0	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2019																						0	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2020																						0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

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

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA											
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting						Total
	Consumer Program																							kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified	60,678	60,678	60,678	60,678							12	9	9	9	9							100%												100%
	Adjustment to 2014 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	30,664	30,664	30,664	30,664							12	17	17	17	17							100%												100%
	Adjustment to 2014 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	386,397	386,397	386,397	386,397							12	200	200	200	200							100%												100%
	Adjustment to 2014 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	248,925	231,812	223,406	223,406							12	19	17	17	17							100%												100%
	Adjustment to 2014 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	1,067,715	926,232	852,498	852,498							12	70	61	56	56							100%												100%
	Adjustment to 2014 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified											12																							0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	0	0	0	0							12	25	0	0	0							100.00%												100%
	Adjustment to 2014 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified											12																							0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified																																	0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																		
10	Retrofit	Verified	582,106	582,106	582,106	576,495							12	85	85	85	83							0.00%	15%	85%	0%	0.00%	0.00%	0.00%						100%
	Adjustment to 2014 savings	True-up											12											0.00%	15.00%	85.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	1,013,083	984,768	931,834	650,325							12	297	289	274	190							0.00%	100%	0.00%	0.00%	0.00%	0.00%	0.00%						100%
	Adjustment to 2014 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3											0.00%	0.00%	0%	0.00%	0.00%	0.00%	0.00%						0%
	Adjustment to 2014 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified	2,319	2,319	2,319	2,319							12	1	1	1	1							0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%						100%
	Adjustment to 2014 savings	True-up	0	0	0								12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified											12											0.00%	0.00%	0%	0.00%	0.00%	0.00%	0.00%						0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%						0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%						0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%						0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																		
18	Process & System Upgrades	Verified											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%						0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%						0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%						0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

21	Retrofit	Verified										12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							0%
	Adjustment to 2014 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							0%
	Adjustment to 2014 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																			
23	Home Assistance Program	Verified	126,249	125,786	112,091	107,098							15	15	14	14							100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							100%
	Adjustment to 2014 savings	True-up																					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																			
24	Home Assistance Program	Verified																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							0%
	Adjustment to 2014 savings	True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							0%
	Adjustment to 2014 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																			
26	Electricity Retrofit Incentive Program	Verified										12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							0%
	Adjustment to 2014 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified										12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							0%
	Adjustment to 2014 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							0%
	Adjustment to 2014 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							0%
	Adjustment to 2014 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							0%
	Adjustment to 2014 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																			
31	Program Enabled Savings	Verified	235,188	0	0	0	0					0	0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							100%
	Adjustment to 2014 savings	True-up										0											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified	0	0	0	0						0	230	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							0%
	Adjustment to 2014 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified										12																								0%
	Adjustment to 2014 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2014			3,753,323										967										2,155,815	1,100,398	880	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2014																							4,550,758	1,365,379	8,396	11,657	10	295	0	0	0	0	0	0	0	0	
Distribution Rate in 2014																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2014 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2014 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2014 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2014 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2014																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2014																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2014																																				**$0.00**	
2014 Savings Persisting in 2015																							1,761,568	1,072,084	880	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2016																							1,665,734	1,019,150	880	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2017																							1,660,740	736,799	864	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2018																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2019																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2020																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Ontario Energy Board

LRAMVA Work Form:
2015 - 2020 Lost Revenues Work Form

Version 3.0 (2019)

Legend

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

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

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

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

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

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

Tables

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

Table 5-a. 2015 Lost Revenues Work Form

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA											Total
			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 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								
																								kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
1	Save on Energy Coupon Program	Verified	194,239	192,334	192,334	192,334	192,334	192,334	192,334	192,251	192,251	192,251	0	13	13	13	13	13	13	13	13	13	13	100.00%												100%
	Adjustment to 2015 savings	True-up	71,801	70,739	70,739	70,739	70,739	70,739	70,739	70,692	70,692	70,692	0	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%		
3	Save on Energy Heating & Cooling Program	Verified	49,673	49,673	49,673	49,673	49,673	49,673	49,673	49,673	49,673	49,673	0	25	25	25	25	25	25	25	25	25	25	100.00%												100%
	Adjustment to 2015 savings	True-up	6,311	6,311	6,311	6,311	6,311	6,311	6,311	6,311	6,311	6,311	0	3	3	3	3	3	3	3	3	3	3	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
7	Save on Energy Retrofit Program	Verified											12											0.00%	5.26%	94.74%										100%
	Adjustment to 2015 savings	2016 True-up	617,549	529,337	527,481	527,481	527,481	527,481	523,718	523,718	523,051	510,911	12	84	56	55	55	55	55	55	55	55	54	0.00%	5.26%	94.74%											
		2017 True-up	-1,385	86,827	88,683	88,683	88,683	88,683	92,446	92,446	93,113	92,256	12	0	27	28	28	28	28	28	28	28	28	0.00%	5.26%	94.74%											
	Less	Streetlighting	-91,702	-91,702	-91,702	-91,702	-91,702	-91,702	-91,702				12											0.00%	5.26%	94.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
67	Appliance Retirement Initiative	Verified	24,529	24,529	24,529	24,529	13,837	0	0	0	0	0	0	4	4	4	4	2	0	0	0	0		100.00%												100%
	Adjustment to 2015 savings	True-up											0											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
68	Coupon Initiative	Verified	272,944	270,402	270,402	270,402	270,402	270,402	270,402	270,344	270,344	270,344	0	18	17	17	17	17	17	17	17	17		100.00%												100%
	Adjustment to 2015 savings	True-up	5,296	5,227	5,227	5,227	5,227	5,227	5,227	5,225	5,225	5,225	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%		
69	Bi-Annual Retailer Event Initiative	Verified	775,374	761,544	761,544	761,544	761,544	761,544	761,544	761,177	761,177	761,177	0	52	52	52	52	52	52	52	52	52		100.00%												100%
	Adjustment to 2015 savings	True-up	1,790	1,775	1,775	1,775	1,775	1,775	1,775	1,774	1,774	1,774	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%		
70	HVAC Incentives Initiative	Verified	437,986	437,986	437,986	437,986	437,986	437,986	437,986	437,986	437,986	437,986	0	220	220	220	220	220	220	220	220	220		100%												100%
	Adjustment to 2015 savings	True-up	8,504	8,504	8,504	8,504	8,504	8,504	8,504	8,504	8,504	8,504	0	4	4	4	4	4	4	4	4	4		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
73	Efficiency: Equipment Replacement Incentive	Verified	2,758,219	2,758,219	2,734,793	2,734,793	2,734,793	2,734,793	2,681,606	2,681,606	2,678,857	2,504,447	12	257	257	249	249	249	249	239	239	238	203		5.26%	94.74%											100%
	Adjustment to 2015 savings	2016 True-up	39,210	39,210	39,210	39,210	39,210	39,210	38,054	38,054	36,715	31,451	12	4	4	4	4	4	4	4	4	4	3		5.26%	94.74%											
		2017 True-up	8,642	8,642	32,069	33,507	33,507	33,507	87,849	87,849	91,936	75,487	12	2	2	9	10	10	10	20	20	21	18	0.00%	5.26%	94.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
78	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	16,371	16,371	16,371	16,371	16,371	16,371	16,371	16,371	16,371	16,371	12	5	5	5	5	5	5	5	5	5			100.00%											100%
	Adjustment to 2015 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
80	Low Income Initiative	Verified	120,951	86,922	81,030	75,137	74,992	74,992	74,009	74,009	22,902	22,902	0	11	9	9	9	9	9	9	9	6		100.00%												100%
	Adjustment to 2015 savings	True-up											0											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Actual CDM Savings in 2015		**5,316,302**											**707**										**1,969,398**	**191,574**	**3,945**	**0**	**0**	**78**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2015																							**4,550,758**	**1,365,379**	**8,396**	**11,657**	**10**	**295**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2015																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2015 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2015																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2015																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2015																																				**$0.00**
	2015 Savings Persisting in 2016																							1,915,946	191,574	3,934	0	0	941	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2017																							1,910,054	191,574	3,922	0	0	941	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2018																							1,904,161	191,649	3,934	0	0	941	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2019																							1,893,324	191,649	3,934	0	0	941	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2020																							1,879,487	191,649	3,934	0	0	941	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form Return to top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA											Total
			2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								
																								kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
1	Save on Energy Coupon Program	Verified	3,137,055	3,137,055	3,137,055	3,137,055	3,137,055	3,137,055	3,137,055	3,136,333	3,136,333		0	203	203	203	203	203	203	203	203	203		100.00%												100%
	Adjustment to 2016 savings	True-up	345,487	345,487	345,487	345,487	345,487	345,487	345,487	345,454	345,454		0	22	22	22	22	22	22	22	22	22		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		

| | | |

Actual CDM Savings in 2019		**0**										**0**									**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2019																					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2019																					$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2019 from 2011 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2012 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2013 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2014 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2015 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2016 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2017 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2018 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2019 programs																					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2019																					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2019																					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2019																																**$0.00**
2019 Savings Persisting in 2020																					0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-f. 2020 Lost Revenues Work Form Return to top

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

Note: LDC to make note of key assumptions included above

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Ontario Energy Board

LRAMVA Work Form:
Carrying Charges by Rate Class

Version 3.0 (2019)

Legend

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

Instructions

1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.

2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.

3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. **If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.**

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.17%
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	Unmetered Scattered Load	Sentinel Lighting	Street Lighting										Total
Jan-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2011				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																			
Opening Balance for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																			
Opening Balance for 2013				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2013				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																			
Opening Balance for 2014				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-14	2011-2014	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-14	2011-2014	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-14	2011-2014	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-14	2011-2014	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-14	2011-2014	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-14	2011-2014	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-14	2011-2014	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-14	2011-2014	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-14	2011-2014	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-14	2011-2014	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-14	2011-2014	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-14	2011-2014	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2014				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																			
Opening Balance for 2015				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-15	2011-2015	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-15	2011-2015	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-15	2011-2015	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

Apr-15	2011-2015	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-15	2011-2015	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-15	2011-2015	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-15	2011-2015	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-15	2011-2015	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-15	2011-2015	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-15	2011-2015	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-15	2011-2015	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-15	2011-2015	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2015				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																			
Opening Balance for 2016				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-16	2011-2016	Q1	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-16	2011-2016	Q1	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-16	2011-2016	Q1	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-16	2011-2016	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-16	2011-2016	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-16	2011-2016	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-16	2011-2016	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-16	2011-2016	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-16	2011-2016	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-16	2011-2016	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-16	2011-2016	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-16	2011-2016	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2016				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																			
Opening Balance for 2017				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-17	2011-2017	Q1	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-17	2011-2017	Q1	0.09%	$9.86	$5.07	$5.16	-$0.03	-$0.02	$8.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$28.45
Mar-17	2011-2017	Q1	0.09%	$19.71	$10.13	$10.32	-$0.06	-$0.04	$16.84	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$56.91
Apr-17	2011-2017	Q2	0.09%	$29.57	$15.20	$15.48	-$0.08	-$0.06	$25.26	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$85.36
May-17	2011-2017	Q2	0.09%	$39.42	$20.27	$20.63	-$0.11	-$0.08	$33.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$113.82
Jun-17	2011-2017	Q2	0.09%	$49.28	$25.33	$25.79	-$0.14	-$0.10	$42.11	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$142.27
Jul-17	2011-2017	Q3	0.09%	$59.14	$30.40	$30.95	-$0.17	-$0.13	$50.53	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$170.73
Aug-17	2011-2017	Q3	0.09%	$68.99	$35.47	$36.11	-$0.19	-$0.15	$58.95	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$199.18
Sep-17	2011-2017	Q3	0.09%	$78.85	$40.53	$41.27	-$0.22	-$0.17	$67.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$227.63
Oct-17	2011-2017	Q4	0.13%	$120.96	$62.18	$63.31	-$0.34	-$0.26	$103.36	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$349.21
Nov-17	2011-2017	Q4	0.13%	$134.40	$69.09	$70.34	-$0.38	-$0.28	$114.84	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$388.01
Dec-17	2011-2017	Q4	0.13%	$147.84	$76.00	$77.38	-$0.41	-$0.31	$126.32	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$426.81
Total for 2017				**$758.02**	**$389.66**	**$396.74**	**-$2.12**	**-$1.60**	**$647.70**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$2,188.39**
Amount Cleared																			
Opening Balance for 2018				**$758.02**	**$389.66**	**$396.74**	**-$2.12**	**-$1.60**	**$647.70**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$2,188.39**
Jan-18	2011-2018	Q1	0.13%	$161.28	$82.91	$84.41	-$0.45	-$0.34	$137.81	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$465.61
Feb-18	2011-2018	Q1	0.13%	$161.28	$82.91	$84.41	-$0.45	-$0.34	$137.81	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$465.61
Mar-18	2011-2018	Q1	0.13%	$161.28	$82.91	$84.41	-$0.45	-$0.34	$137.81	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$465.61
Apr-18	2011-2018	Q2	0.16%	$203.21	$104.46	$106.36	-$0.57	-$0.43	$173.64	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$586.67
May-18	2011-2018	Q2	0.16%	$203.21	$104.46	$106.36	-$0.57	-$0.43	$173.64	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$586.67
Jun-18	2011-2018	Q2	0.16%	$203.21	$104.46	$106.36	-$0.57	-$0.43	$173.64	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$586.67
Jul-18	2011-2018	Q3	0.16%	$203.21	$104.46	$106.36	-$0.57	-$0.43	$173.64	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$586.67
Aug-18	2011-2018	Q3	0.16%	$203.21	$104.46	$106.36	-$0.57	-$0.43	$173.64	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$586.67
Sep-18	2011-2018	Q3	0.16%	$203.21	$104.46	$106.36	-$0.57	-$0.43	$173.64	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$586.67
Oct-18	2011-2018	Q4	0.18%	$233.32	$119.94	$122.12	-$0.65	-$0.49	$199.36	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$673.59
Nov-18	2011-2018	Q4	0.18%	$233.32	$119.94	$122.12	-$0.65	-$0.49	$199.36	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$673.59
Dec-18	2011-2018	Q4	0.18%	$233.32	$119.94	$122.12	-$0.65	-$0.49	$199.36	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$673.59
Total for 2018				**$3,161.10**	**$1,624.95**	**$1,654.49**	**-$8.85**	**-$6.68**	**$2,701.04**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$9,126.04**
Amount Cleared																			
Opening Balance for 2019				**$3,161.10**	**$1,624.95**	**$1,654.49**	**-$8.85**	**-$6.68**	**$2,701.04**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$9,126.04**
Jan-19	2011-2019	Q1	0.18%	$233.32	$119.94	$122.12	-$0.65	-$0.49	$199.36	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$673.59
Feb-19	2011-2019	Q1	0.18%	$233.32	$119.94	$122.12	-$0.65	-$0.49	$199.36	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$673.59
Mar-19	2011-2019	Q1	0.18%	$233.32	$119.94	$122.12	-$0.65	-$0.49	$199.36	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$673.59
Apr-19	2011-2019	Q2	0.18%	$233.32	$119.94	$122.12	-$0.65	-$0.49	$199.36	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$673.59
May-19	2011-2019	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-19	2011-2019	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-19	2011-2019	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-19	2011-2019	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-19	2011-2019	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-19	2011-2019	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-19	2011-2019	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-19	2011-2019	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2019				**$4,094.38**	**$2,104.70**	**$2,142.95**	**-$11.47**	**-$8.66**	**$3,498.49**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$11,820.40**
Amount Cleared																			
Opening Balance for 2020				**$4,094.38**	**$2,104.70**	**$2,142.95**	**-$11.47**	**-$8.66**	**$3,498.49**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$11,820.40**
Jan-20	2011-2020	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-20	2011-2020	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-20	2011-2020	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-20	2011-2020	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-20	2011-2020	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-20	2011-2020	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2020				**$4,094.38**	**$2,104.70**	**$2,142.95**	**-$11.47**	**-$8.66**	**$3,498.49**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$11,820.40**
Amount Cleared																			

Ontario Energy Board

Supporting Documentation:
LDC Persistence Savings Results from IESO

Legend

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

Instructions
(Steps)

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and ene
2. Please identify the source of the report via the dropdown list in Column I.
3. To faciliate 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 (highlighte
4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implementation year that matches the year c
5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

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

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

Step:	*#1*					*#3*	*#2*	*#4*	*#1*					
Portfolio	**Program**	**Initiative**	**LDC**	**Sector**	**Conservation Resource Type**	**(Implementation) Year**	**Identify Source of Report**	**Identify Status of Savings**	**Net Verified Annual Peak Demand Savings at the End-User Lev**					
									2011	**2012**	**2013**	**2014**	**2015**	**2016**

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rgy savings data by initiative in Columns L to BT of this work form.

d in orange). Before you sort values, please ensure that all table columns have filters.

of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report

vel (kW)

2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040

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

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).

Energy savings attributed to street lighting project in IESO results

Year	Gross	NTG	Net
2011		0.75	
2012		0.77	0
2013		0.68	0
2014		0.72	0
2015	106,605	0.86	91,702
2016	4,004,783	0.83	3,310,019

Actual lost revenue based on kW bill

Month	Billed kW	Gross kW reduction	NTG	Net kW reduction
2014 total				
Jan-15			0.84	0
Feb-15			0.84	0
Mar-15			0.84	0
Apr-15			0.84	0
May-15			0.84	0
Jun-15			0.84	0
Jul-15			0.84	0
Aug-15			0.84	0
Sep-15			0.84	0
Oct-15			0.84	0
Nov-15	1782		0.84	0
Dec-15	1688.617	93.383	0.84	78
2015 total		**93.383**		**78**
Persistence to				
2016				**941**
2017				**941**
2018				**941**
2019				**941**
2020				**941**
Jan-16	1469.325	312.675	0.82	255
Feb-16	1448.457	333.543	0.82	272
Mar-16	1447.545	334.455	0.82	273
Apr-16	1446.709	335.291	0.82	274
May-16	1437.65	344.35	0.82	281
Jun-16	1345.08	436.92	0.82	357
Jul-16	1260.35	521.65	0.82	426
Aug-16	1260.35	521.65	0.82	426
Sep-16	1260.35	521.65	0.82	426
Oct-16	1260.35	521.65	0.82	426
Nov-16	1260.35	521.65	0.82	426
Dec-16	1260.35	521.65	0.82	426
2016 total		**5227.1**		**4269**
Persistence to				
2017				**5113**
2018				**5113**
2019				**5113**
2020				**5113**

Note: Annual total net kW reductions are carried over to '5. 2015-2020 LRAM'!AD188 and AD362

Ontario Energy Board

LRAMVA Work Form:
IESO programs and monthly multipliers

Version 3.0 (2019)

Instructions

List of IESO programs in order consistent with IESO 2017 reporting. Used to facilitate comparison with IESO report on Tables on Tab 5.

Program Type	Number	Program	Monthly multiplier
Residential Province-Wide Programs	1	Save on Energy Coupon Program	0
Residential Province-Wide Programs	2	Save on Energy Instant Discount Program	0
Residential Province-Wide Programs	3	Save on Energy Heating & Cooling Program	0
Residential Province-Wide Programs	4	Save on Energy New Construction Program	0
Residential Province-Wide Programs	5	Save on Energy Home Assistance Program	0
Business Province-Wide Programs	6	Save on Energy Audit Funding Program	12
Business Province-Wide Programs	7	Save on Energy Retrofit Program	12
Business Province-Wide Programs	8	Save on Energy Small Business Lighting Program	12
Business Province-Wide Programs	9	Save on Energy High Performance New Construction Program	12
Business Province-Wide Programs	10	Save on Energy Existing Building Commissioning Program	3
Business Province-Wide Programs	11	Save on Energy Business Refrigeration Incentive Program	0
Business Province-Wide Programs	12	Save on Energy Process & Systems Upgrades Program	12
Business Province-Wide Programs	13	Save on Energy Energy Manager Program	12
Business Province-Wide Programs	14	Save on Energy Monitoring & Targeting Program	12
Business Province-Wide Programs	15	Save on Energy Retrofit Program - P4P	12
Business Province-Wide Programs	16	Save on Energy Process & Systems Upgrades Program - P4P	12
Local & Regional Programs	17	Adaptive Thermostat Local Program	0
Local & Regional Programs	18	Business Refrigeration Incentives Local Program	0
Local & Regional Programs	19	Conservation on the Coast Home Assistance Local Program	0
Local & Regional Programs	20	Conservation on the Coast Small Business Lighting Local Program	0
Local & Regional Programs	21	First Nations Conservation Local Program	0
Local & Regional Programs	22	High Efficiency Agriculturual Pumping Local Program	0
Local & Regional Programs	23	Instant Savings Local Program	0
Local & Regional Programs	24	OPsaver Local Program	0
Local & Regional Programs	25	Pool Saver Local Program	0
Local & Regional Programs	26	PUMPsaver Local Program	0
Local & Regional Programs	27	RTUsaver Local Program	0
Local & Regional Programs	28	Social Benchmarking Local Program	0
LDC Innovation Fund Pilot Programs	29	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	30	Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	31	Block Heater Timer LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	32	Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	33	Conservation Cultivator LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	34	Data Centre LDC Innovation Fund Pilot Program	12
LDC Innovation Fund Pilot Programs	35	Electronics Take Back LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	36	Energy Reinvestment LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	37	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	38	Hotel/Motel LDC Innovation Fund Pilot Program	12
LDC Innovation Fund Pilot Programs	39	Intelligent Air Technology LDC Innovation Fund Pilot Program	12
LDC Innovation Fund Pilot Programs	40	OPsaver LDC Innovation Fund Pilot Program	12
LDC Innovation Fund Pilot Programs	41	PUMPsaver LDC Innovation Fund Pilot Program	12
LDC Innovation Fund Pilot Programs	42	Residential Direct Install LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	43	Residential Direct Mail LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	44	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	45	Retrocomissioning LDC Innovation Fund Pilot Program	12
LDC Innovation Fund Pilot Programs	46	RTUsaver LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	47	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program	12
LDC Innovation Fund Pilot Programs	48	Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	49	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	0
LDC Innovation Fund Pilot Programs	50	Truckload Event LDC Innovation Fund Pilot Program	0
Centrally Delivered Programs	51	Industrial Accelerator Program	12
Centrally Delivered Programs	52	Save on Energy Energy Performance Program for Multi-Site Customers	12
Centrally Delivered Programs	53	Whole Home Pilot Program	0
Program Enabled Savings	54	Save on Energy Retrofit Program Enabled Savings	12
Program Enabled Savings	55	Save on Energy High Performance New Construction Program Enabled Savings	0
Program Enabled Savings	56	Save on Energy Process & Systems Upgrades Program Enabled Savings	0
Other	57	Non-Approved Program	0
Other	58	Unassigned Program	0
Conservation Fund	59	Conservation Voltage Reduction Conservation Fund Pilot Program	12
Conservation Fund	60	EnerNOC Conservation Fund Pilot Program	12
Conservation Fund	61	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	0
Conservation Fund	62	Loblaw P4P Conservation Fund Pilot Program	12
Conservation Fund	63	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	12
Conservation Fund	64	Performance Based Conservation Fund Pilot Program	0
Conservation Fund	65	Social Benchmarking Conservation Fund Pilot Program	0
Conservation Fund	66	Strategic Energy Group Conservation Fund Pilot Program	0
2011-2014+2015 Extension Legacy Framework Programs: Residential program	67	Appliance Retirement Initiative	0
2011-2014+2015 Extension Legacy Framework Programs: Residential program	68	Coupon Initiative	0
2011-2014+2015 Extension Legacy Framework Programs: Residential program	69	Bi-Annual Retailer Event Initiative	0
2011-2014+2015 Extension Legacy Framework Programs: Residential program	70	HVAC Incentives Initiative	0
2011-2014+2015 Extension Legacy Framework Programs: Residential program	71	Residential New Construction and Major Renovation Initiative	0
2011-2014+2015 Extension Legacy Framework Programs: Commercial & Institutional Program	72	Energy Audit Initiative	12
2011-2014+2015 Extension Legacy Framework Programs: Commercial & Institutional Program	73	Efficiency: Equipment Replacement Incentive Initiative	12
2011-2014+2015 Extension Legacy Framework Programs: Commercial & Institutional Program	74	Direct Install Lighting and Water Heating Initiative	12
2011-2014+2015 Extension Legacy Framework Programs: Commercial & Institutional Program	75	New Construction and Major Renovation Initiative	12
2011-2014+2015 Extension Legacy Framework Programs: Commercial & Institutional Program	76	Existing Building Commissioning Incentive Initiative	3
2011-2014+2015 Extension Legacy Framework Programs: Industrial Program	77	Process and Systems Upgrades Initiatives - Project Incentive Initiative	12
2011-2014+2015 Extension Legacy Framework Programs: Industrial Program	78	Process and Systems Upgrades Initiatives - Energy Manager Initiative	12
2011-2014+2015 Extension Legacy Framework Programs: Industrial Program	79	Process and Systems Upgrades Initiatives - Monitoring and Targeting I	12
2011-2014+2015 Extension Legacy Framework Programs: Low Income Program	80	Low Income Initiative	0
2011-2014+2015 Extension Legacy Framework Programs: Other	81	Aboriginal Conservation Program	0
2011-2014+2015 Extension Legacy Framework Programs: Other	82	Program Enabled Savings	0
	99	Not used	0

Attachment C
Streetlight Count

PUC Distribution - Street Light Count

		Count of HPS Removal by Type							Count of LED Installations by Type							
Date	Demand (kW)	HPS 70	HPS 100	HPS 150	HPS 175	HPS 200	HPS 250	HPS 400	NXT24	NXT36	NXT36	NXT48	NXT48	NXT60	NXT72	Light Type
		0.095	0.13	0.19	0.2	0.2	0.305	0.45	0.054	0.069	0.08	0.1	0.108	0.113	0.158	Demand per Light (kW)
Nov-15	1782	29	5100	627	9	0	2362	611	0	0	0	0	0	0	0	
Dec-15	1689	29	4007	621	5	0	2362	611	1103	0	0	0	0	0	0	
Jan-16	1469	29	3323	620	5	0	2359	165	1791	0	0	168	278	0	0	
Feb-16	1448	29	3301	620	5	0	2339	125	1812	0	0	227	280	0	0	
Mar-16	1448	29	3290	620	5	0	2339	125	1823	0	0	227	280	0	0	
Apr-16	1447	29	3280	620	5	0	2339	125	1833	0	0	227	280	0	0	
May-16	1438	29	3265	620	5	0	2339	103	1848	0	0	230	291	8	0	
Jun-16	1345	29	2299	544	5	0	2335	103	2835	59	0	230	291	8	0	
Jul-16	1260	29	1550	480	5	0	2275	102	3585	127	0	230	347	8	0	
Aug-16	1260	29	1550	480	5	0	2275	102	3585	127	0	230	347	8	0	
Sep-16	1260	29	1550	480	5	0	2275	102	3585	127	0	230	347	8	0	
Oct-16	1260	29	1550	480	5	0	2275	102	3585	127	0	230	347	8	0	
Nov-16	1260	29	1550	480	5	0	2275	102	3585	127	0	230	347	8	0	
Dec-16	1260	29	1550	480	5	0	2275	102	3585	127	0	230	347	8	0	

Notes: New lights installed (green) have been calculated using 85% demand to accommodate the dimming factor applied during installation.