



September 24, 2018

By RESS, E-mail, and Courier

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

Attention: Ms. Kirsten Walli, Board Secretary

Dear Ms. Walli,

**RE: London Hydro Inc.
Application for Distribution Rates Effective May 1, 2019
Board File No. EB-2018-0051**

Please find enclosed the application and evidence submitted by London Hydro Inc. for new rates under the Fourth Generation Incentive Regulation Mechanism ("IRM4"), effective May 1, 2019.

Two sets of hard copies will be sent to the Board in addition to an Electronic copy of the application (in PDF format, and models in Excel format) filed via RESS (e-Filing services).

Should you have any questions or require further information, please contact the undersigned at (519) 661-5800 ext 5587 or via email at nagyj@londonhydro.com.

Yours truly,

A handwritten signature in blue ink, appearing to read "Judith Nagy".

Judith Nagy, CPA, CGA

Supervising Regulatory Advisor, Finance and Regulatory Affairs

cc: Mr. David Arnold, Chief Financial Officer, Vice President of Finance, Corporate Secretary
Mr. Martin Benum, Director of Regulatory Affairs

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London Hydro Inc.
ED-2002-0557

**2019 4th Generation Incentive Regulation Mechanism
Electricity Distribution Rate Application**

Board File Number

EB-2018-0051

ONTARIO ENERGY BOARD

**IN THE MATTER OF the Ontario Energy Board Act, 1998,
S.O. 1998, C. 15 (Sched. B), as amended;**

**AND IN THE MATTER OF an application by London Hydro
Inc. for an Order or Orders pursuant to the Ontario Energy
Boards Act, 1998, approving or fixing just and reasonable
distribution rates and other charges for the distribution of
electricity as of May 1, 2019.**

APPLICATION

Introduction

1. The Applicant is London Hydro Inc. (“London Hydro”). London Hydro is a licensed electricity distributor pursuant to license (ED-2002-0557) issued by the Ontario Energy Board (the “Board”), and charges Board-authorized rates (per EB-2017-0059). The Applicant distributes electricity to approximately 155,500 customers within the City of London.
2. Pursuant to section 78 of the *Ontario Energy Board Act, 1998*, as amended, (the “OEB Act”) London Hydro requests approval of its proposed adjustments to its distribution rates and other charges, effective May 1st, 2019 based on the 2019 Incentive Rate-Setting (IRM) application.
3. London Hydro has prepared this Application in accordance with the following guidelines and directions established by the Board: Chapter 3 of the Board’s Filing Requirements for Electricity Distribution Rate Applications, dated July 12, 2018; the Letter from the

Board dated July 12, 2018 to Licensed Electricity Distributors re: I. Updated Filing Requirements; and, II. Process for 2019 Incentive Regulation Mechanism (“IRM”) Distribution Rate Applications; Revision 4.0 of the Guidelines G-2008-001 – Electricity Distribution Retail Transmission Service Rates, dated June 28, 2012; the *Report of the Board on Electricity Distributors’ Deferral and Variance Account Review Initiative* (the “EDDVAR Report”), dated July 31, 2009; and is supported by written evidence that may be amended from time to time, prior to the Board’s final decision on this Application.

4. In the preparation of this application, London Hydro has utilized the Excel models and work forms of 2019 IRM Rate Generator – Version 2.0 (.xlsb); GA Analysis Work Form – Version 1.0 (.xlsx); 1595 Work Form – Version 1.0; and the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form – Version 3.0 (xlsx); developed and provided by the Board and as listed on the Board’s website.

5. Proposed Distribution Rates and Other Charges

The Schedule of Rates and Charges proposed in this Application as identified in Attachment C attached to this application.

6. Proposed Effective Date of Rate Order

London Hydro respectfully requests that the Board make its Rate Order effective May 1st, 2019.

In the event that there is insufficient time for London Hydro to prepare a draft rate order and the Board to issue a final Decision and Order in this application for the implementation of the proposed rates and charges as of May 1st, 2019, London Hydro requests that the Board issue an Order for existing rates be made interim commencing May 1, 2019. London Hydro also requests to be permitted to recover the incremental revenue from the effective date to the implementation date, if the dates are not aligned.

7. Relief Sought

Specifically, London Hydro hereby applies for an Order or Orders approving the proposed distribution rates updated and adjusted in accordance with Chapter 3 of the Filing Requirements, dated July 12, 2018, including the following:

- a. an adjustment to existing distribution rates to reflect the Price Cap Index Adjustment;
- b. an adjustment to the approved Retail Transmission Service Rates (“RTSR”) as provided in Revision 4.0 of the Guidelines G-2008-001 – Electricity Distribution Retail Transmission Service Rates, dated June 28, 2012, and subsequent revisions and updates to the Uniform Transmission Rates (“UTR”);
- c. rate riders to recover lost revenues from CDM programs (LRAMVA) effective May 1, 2019 to April 30, 2020, on an interim basis.

8. Amendments

This Application is supported by written evidence that may be amended from time to time, prior to the Board’s final decision on the Application.

9. Notice of Publication

Ratepayers within the City of London, to whom London Hydro distributes electricity, are affected by this Application. If directed by the OEB, London Hydro is proposing that the notices related to the Application in English appear in the London Free Press newspaper. The newspaper is published daily with a daily circulation on average of 115,000, the highest paid circulation in our territory.

Additionally, if directed by the OEB, London Hydro is proposing that the notices related to the Application in French published, in one issue of the French language newspaper L’Action, the highest paid circulation, according to the best information available, in London Hydro Inc.’s service area.

10. London Hydro requests that a copy of all documents filed with the Board in this proceeding be served on London Hydro as follows:

Mr. Martin Benum
Director of Regulatory Affairs
London Hydro Inc.

Address: 111 Horton Street
P.O. Box 2700
London, Ontario
N6A 4H6

Telephone: (519) 661-5800 Ext. 5750
Fax Number: (519) 661-2596
E-mail Address: benumm@londonhydro.com

DATED at London, Ontario, this 24th day of September, 2018.



Martin Benum, CPA, CMA, BBM
Director of Regulatory Affairs
London Hydro Inc.

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ATTACHMENTS

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- B Current Tariff of Rates and Charges
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- E 2019 IRM Rate Generator – Version 2.0 (.xlsb)
- F GA Analysis Work Form – Version 1.0 (.xlsb)
- G Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form
– Version 3.0 (.xlsx)
- H 1595 Work Form – Version 1.0 (.xlsb)

MANAGER'S SUMMARY

Introduction

London Hydro is a licensed electricity distributor as defined in the *Ontario Energy Board Act, 1998* (the “Act”) and operates pursuant to license (ED-2002-0557). London Hydro distributes electricity to approximately 155,500 customers within the municipal boundaries of the City of London.

On October 4, 2017, London Hydro filed a 2018 IRM Application (EB-2017-0059) with the Ontario Energy Board (“Board”) seeking approval for changes to distribution rates. The Board approved this application and issued a Decision and Order on March 22, 2018, with the approved distribution rates to be effective May 1st, 2018. A copy of the current Tariff of Rates and Charges, effective May 1st, 2018, is included as Attachment B.

There are no outstanding Board Orders affecting this current application.

London Hydro is submitting a 2019 Incentive Rate-Setting (IRM) Electricity Distribution Rate Application. This application has been prepared in accordance with the Board’s updated Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications, issued July 12, 2018 (the “Filing Requirements”).

In addition, the *Report of the Board on Electricity Distributor’s Deferral and Variance Account Review Initiative* (“EDDVAR”), issued July 31, 2009; and *Guideline (G-2008-0001) on Electricity Distribution Retail Transmission Service Rates*, issued October 22, 2008 and revised June 28, 2012, were used in the preparation of this application.

The proposed 2019 Tariff of Rates and Charges is provided as Attachment C of the Application.

London Hydro confirms that the pre-populated billing determinants are accurate on Tab 4 in the 2019 IRM Rate Generator model and correctly used in the calculation of the Shared Tax Rate Riders on Tab 9. London Hydro also confirms that the pre-populated Current Tariff Schedule is accurate on Tab 2 of the model.

Price Cap Index Adjustment

London Hydro has used the Board's 2019 Rate Generator Model and default values for the inflation factor, productivity factor and stretch factor of 1.20%, 0.0% and 0.30% respectively, as per the Filing Requirements. The resulting 0.90% Total Price Cap Index is used in the 2019 IRM Rate Generator – Version 2.0 (.xlsb) - updated on July 24, 2018. The Price Cap Adjustment is applied to the Service Charge and Distribution Volumetric Rate. The price cap adjustment will not be applied to Rate Adders, Rate Riders, Low Voltage Service Charges, Retail Transmission Service Rates, the Wholesale Market Service Rate, the Rural Rate Protection Charge, the Standard Supply Service – Administrative Charge, MicroFit Service Charge, Specific Service Charges, Transformation and Primary Metering Allowances, Retail Service Charges and the Smart Metering Entity Charge.

Distribution Rate Design for Electricity Customers

On April 2, 2015, the OEB released its Board Policy: A New Distribution Rate Design for Residential Electricity Customers (EB-2014-0210), which stated that electricity distributors will transition to a fully fixed monthly distribution service charge for residential customers. For London Hydro the transition began in 2016 and will be implemented over a period of four years.

The OEB has issued to London Hydro decisions affecting 2016 Price Cap IR, 2017 Cost of Service and 2018 Price Cap IR rates consistent with this policy. In this fourth and final year of transition, London Hydro continued to follow the approach set out in Tab 16. Rev2Cost_GDPIPI of the rate generator model.

London Hydro is expected to propose a fully fixed rate design for new charges applicable to the residential class provided that those charges are specifically related to the distribution of electricity. Pass-through costs (e.g. transmission rates, LV charges, and Group 1 DVAs) and LRAMVA amounts are to continue to be recovered as variable charges because they predominantly relate to energy charges. Previously approved distribution-specific charges or rate riders on a distributor's tariff remain unchanged until they expire.

The proposed 2019 distribution rates are reflected in Table 1: Proposed 2019 Distribution Rates below.

Table 1: Proposed 2019 Distribution Rates

Rate Class	Current Monthly Fixed Charge	Current Volumetric Charge	Price Cap Index	Proposed Monthly Fixed Charge	Proposed Volumetric Charge
RESIDENTIAL	22.17	0.0041	0.90%	24.99	-
GENERAL SERVICE LESS THAN 50 kW	32.59	0.0109	0.90%	32.88	0.0110
GENERAL SERVICE > 50 kW to 4,999 kW	159.20	2.7488	0.90%	160.63	2.7735
GENERAL SERVICE 1,000 To 4,999 kW (Co-generation)	2,173.50	3.7968	0.90%	2,193.06	3.8310
STANDBY POWER		3.1360	0.90%	-	3.1642
LARGE USE	20,499.65	2.2876	0.90%	20,684.15	2.3082
STREET LIGHTING	1.66	8.2935	0.90%	1.67	8.3681
SENTINEL LIGHTING	4.67	15.3774	0.90%	4.71	15.5158
UNMETERED SCATTERED LOAD	2.34	0.0202	0.90%	2.36	0.0204
MICROFIT	5.40			5.40	

Z-Factor Claims

London Hydro is not applying to recover any extraordinary costs by means of a Z factor.

Shared Tax Savings Adjustment

The Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors, issued September 17, 2008; and Chapter 3 of the Board's Filing Requirements for Electricity Distribution Rate Applications, issued July 17, 2013 determine that a 50/50 sharing of the impact of currently known legislated tax changes, as applied to the tax level reflected in the Board approved base rates for a distributor, is appropriate. London Hydro has completed the 2019 Shared Tax Savings Model within the Rate Generator Model and is not requesting a rate rider.

Revenue-to-Cost Ratio Adjustments

In London Hydro’s last cost of service application for May 1st, 2017 rates (EB-2016-0091), all revenue-to-cost ratios were within the Board’s identified ranges. London Hydro remains in compliance with the requirements of the Board Report on Application of Cost Allocation for Electricity Distributors (EB-2007-0667).

Retail Transmission Service Rates (RTRS’s)

London Hydro has adjusted Retail Transmission Service Rates (“RTRS”), using the 2019 Rate Generator Model, to reflect changes in the Ontario Uniform Transmission Rates (“UTRs”) levels and revenues generated under existing RTSR’s, as outlined in *G-2008-0001 Guideline for Electricity Distribution Retail Transmission Service Rates*, Revision 4.0, issued by the Board on June 28, 2012.

The 2019 RTSR Model utilizes current 2018 UTRs. London Hydro understands that the Board will adjust the RTSRs in each distributor’s rate application model once the approved UTRs are determined.

The most recent billing determinants, reported in the 2017 year-end RRR filings under 2.1.5 Performance Based Regulation, were used for the calculation of the forecasted RTRS rates. London Hydro confirms that the billing determinants are non-loss adjusted.

Generic Rate Class	Metered consumption in kWhs (w=o+q)	Metered consumption in kWhs (x=p+r)
Residential	1041232118.70	0.00
General Service < 50 kW	384261419.80	0.00
General Service >= 50 kW	1501711562.90	3954263.50
Large User	117005431.00	227574.30
Sub Transmission Customers	0.00	0.00
Embedded Distributor(s)	0.00	0.00
Street Lighting Connections	20022458.00	56255.40
Sentinel Lighting Connections	592607.70	1611.00
Unmetered Scattered Load Connections	5549550.00	0.00
Total (Auto-Calculated)	3070375148.10	4239704.20

The forecasted 2019 RTRS Network and Connection rates are reflected in Table 2: Forecasted 2019 RTRS – Network and RTRS – Connection Rates below.

Table 2: Forecasted 2019 RTRS – Network and RTRS – Connection Rates

Rate Class	Volumetric Metric	Current RTRS Network	Current RTRS Connection	Proposed RTRS Network	Proposed RTRS Connection
RESIDENTIAL	kWh	0.0049	0.0047	0.0048	0.0046
GENERAL SERVICE LESS THAN 50 kW	kWh	0.0046	0.0042	0.0045	0.0041
GENERAL SERVICE > 50 kW to 4,999 kW	kW	1.6143	1.5254	1.5939	1.4869
GENERAL SERVICE > 50 kW to 4,999 kW – Interval Metered	kW	2.0701	2.1256	2.0440	2.0719
GENERAL SERVICE 1,000 To 4,999 kW (Co-generation)	kW	2.3899	2.2484	2.3597	2.1916
LARGE USE	kW	2.1206	2.1256	2.0938	2.0719
STREET LIGHTING	kW	1.4214	1.3431	1.4035	1.3092
SENTINEL LIGHTING	kW	1.4233	1.3450	1.4053	1.3110
UNMETERED SCATTERED LOAD	kWh	0.0046	0.0042	0.0045	0.0041

microFIT Generator Rate

In EB-2009-0326, the Board directed all distributors to establish a separate service classification for microFIT generators as of September 21, 2009. A province-wide uniform fixed service charge applicable to microFIT generators was established by the Board. London Hydro will continue to apply the Board approved microFIT monthly service charge at the rate of \$5.40.

Deferral and Variance Accounts

The Board issued its *Report on Electricity Distributor’s Deferral and Variance Account Review Initiative* (“EDDVAR Report”) on July 31, 2009, (EB-2008-0046). The EDDVAR Report directs electricity distributors to review and dispose Group 1 deferral and variance audited account balances, which do not require a prudence review, in an IRM application if the pre-set disposition threshold is exceeded. The Board established a disposition threshold at \$0.001/kWh. Group 1 consists of accounts 1550, 1551, 1580, 1584, 1586, 1588, 1589, 1590 and 1595. The Board also described its decision in the 2015 IRM Process Letter, to provide

more flexibility regarding the disposition of deferral and variance account balances, whereby distributors may now elect to dispose of Group 1 account balances below the threshold.

London Hydro has completed the review of the Group 1 Deferral and Variance Account Balances at December 31, 2017. London Hydro confirms that it consistently applies accrual accounting to all Retail Sales Variance Accounts. The detailed reconciliation of Group 1 Deferral and Variance Accounts to the RRR filings can be found in the Continuity Schedule within the Board issued 2019 Rate Generator Model.

Account 1580 Variance WMS – Sub-account CBR Class A has a small credit balance of \$187. Class A customers pay the actual Global Adjustment, and the variance resulted from minor rounding differences in amounts invoiced by the IESO, based on the Peak Demand Factor (PDF) assigned to London Hydro, and what was billed to the customers using the customer specific PDF. This balance is insignificant and has not been submitted for disposition with this rate application.

The 2.1.7 RRR balances, as of December 31, 2017, populated by the model for Account 1580 RSVA Wholesale Market Service Charge includes the Sub-account CBR balances for Class A and Class B customers. The variance for this account represents the Sub-account CBR balances for Class A and Class B customers.

The 2.1.7 RRR balances, as of December 31, 2017, populated by the model for Account 1589 RSVA Global Adjustment includes the Global Adjustment variance for Class A customers. The Global Adjustment variance for Class A customers is \$463, which resulted from minor rounding differences in amounts invoiced by the IESO, based on the Peak Demand Factor (PDF) assigned to London Hydro, and what was billed to the customers using the customer specific PDF. This balance is insignificant and has not been submitted for disposition with this rate application.

The balance of Account 1568 Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) reported under 2.1.7 RRR as of December 31, 2017 included lost revenues for Years 2016 and 2017. The LRAMVA balance proposed for disposition includes LRAMVA for Year 2016 only and has been adjusted based on the *2017 Final Verified Annual Program Results London Hydro Inc.* report, issued on June 29, 2018.

Table 3: Summary Reconciliation of Group 1 Deferral and Variance Account Balances to the RRR filings on Tab 3. Continuity Schedule

	Account Number	Principal Net Accruals / Variances Dec. 31, 2017	Carrying Charges to Dec. 31, 2017	Audited Ending Balances at Dec. 31, 2017	Continuity Schedule RRR 2.1.7 as of Dec. 31, 2017	Variance RRR vs. 2017 Balance (Principal + Interest)
Group 1 Accounts:						
Smart Metering Entity Charge Variance	1551	\$ (48,150)	\$ (528)	\$ (48,678)	\$ (48,678)	\$ -
RSVA - Wholesale Market Service Charge	1580	\$ (6,091,658)	\$ (68,422)	\$ (6,160,079)	\$ (6,321,039)	\$ (160,960)
Variance WMS – Sub-account CBR Class A	1580	\$ (185)	\$ (2)	\$ (187)	\$ (187)	\$ -
Variance WMS – Sub-account CBR Class B	1580	\$ (157,810)	\$ (2,962)	\$ (160,772)	\$ (160,772)	\$ -
RSVA - Retail Transmission Network Charge	1584	1,036,784	10,057	1,046,841	\$ 1,046,841	\$ -
RSVA - Retail Transmission Connection Charge	1586	(923,871)	(1,546)	(925,417)	\$ (925,417)	\$ -
RSVA - Power	1588	(462,497)	4,432	(458,065)	\$ (458,065)	\$ -
RSVA - Global Adjustment	1589	1,535,549	48,352	1,583,901	\$ 1,584,363	\$ 463
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595_(2016)	106,065	(200,949)	(94,884)	\$ (94,884)	\$ -
TOTAL GROUP 1 ACCOUNTS		\$ (5,005,773)	\$ (211,569)	\$ (5,217,342)	\$ (5,377,838)	\$ (160,497)
LRAM Variance Account	1568	1,320,287	15,784	1,336,071	\$ 1,336,071	\$ -
Remove LRAMVA for Year 2017		(601,391)	(3,533)	(604,924)		\$ 604,924
Adjustments based on Final 2017 Verified results		115,921	1,976	117,897		\$ (117,897)
LRAMVA - Year 2016 - as at Dec 31, 2017		\$ 834,817	\$ 14,227	\$ 849,044	\$ 1,336,071	\$ 487,027

London Hydro performed a disposition threshold test for Group 1 Deferral and Variance Accounts. The threshold test did not include amounts in Account 1568 LRAM Variance Account. The 1.50% Board prescribed interest rate was applied to the audited December 31, 2017 balances for the period of January 1, 2018 to March 31, 2018, 1.89% applied for the period of April 1, 2018 to September 30, 2018, and 2.17% Board prescribed interest rate was applied for the period of October 1, 2018 to April 30, 2019 in the calculation of the total claim. The threshold test resulted in a credit of \$0.0004/kWh which does not exceed the Board established limit of \$0.001/kWh, therefore London Hydro proposes to not dispose the balances in Group 1 accounts.

Disposition request for LRAMVA recovery is detailed under section Lost Revenue Adjustment Mechanism Variance Account.

Table 4: Projected Group 1 Account Balances and Threshold Test

Accounts	Account Number	Principal Net Accruals / Variances Dec. 31, 2017	Carrying Charges to Dec. 31, 2017	Audited Ending Balances at Dec. 31, 2017	Adjustment to Audited Ending Balances at Dec. 31, 2017	Amount Approved for Disposition May 1, 2018	Closing Principal Balances as of Dec 31/17 Adjusted for dispositions during 2018	Carrying charges on amount approved for disposition (included in disposition) Jan 1/18 to Mar 31/18 - 1.50% and Apr 1/18 to Apr 30/18 - 1.89%	Projected Interest on Dec 31/17 balance adjusted for disposition during 2018 for the period of Jan 1/18 to Mar 31/18 - 1.50%	Projected Interest on Dec 31/17 balance adjusted for disposition during 2018 for the period of Apr 1/17 to Sep 30/18 - 1.89%	Projected Interest on Dec 31/17 balance adjusted for disposition during 2018 for the period of Oct 1/18 to Apr 30/19 - 2.17%	Projected Balances as at Apr 30/19
Group 1 Accounts:												
Smart Metering Entity Charge Variance	1551	(48,150)	(528)	\$ (48,678)		\$ (23,800)	\$ (24,854)	\$ (122)	\$ (92)	\$ (236)	\$ (313)	\$ (25,641)
RSVA - Wholesale Market Service Charge	1580	(6,091,658)	(68,422)	(6,160,079)		(3,047,671)	(3,111,901)	\$ (15,650)	\$ (11,510)	\$ (29,488)	\$ (39,222)	\$ (3,208,278)
Variance WMS – Sub-account CBR Class B	1580	(157,810)	(2,962)	(160,772)		(1,280)	(156,564)	\$ (7)	\$ (579)	\$ (1,484)	\$ (1,973)	\$ (163,535)
RSVA - Retail Transmission Network Charge	1584	1,036,784	10,057	1,046,841		245,459	796,777	\$ 1,261	\$ 2,947	\$ 7,550	\$ 10,042	\$ 823,182
RSVA - Retail Transmission Connection Charge	1586	(923,871)	(1,546)	(925,417)		(155,489)	(769,471)	\$ (811)	\$ (2,846)	\$ (7,291)	\$ (9,698)	\$ (790,575)
RSVA - Power	1588	(462,497)	4,432	(458,065)		298,841	(755,160)	\$ 1,537	\$ (2,793)	\$ (7,156)	\$ (9,518)	\$ (774,835)
RSVA - Global Adjustment	1589	1,535,549	48,352	1,583,901		(1,374,148)	2,901,221	\$ (7,173)	\$ 10,731	\$ 27,492	\$ 36,567	\$ 3,025,665
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	106,065	(200,949)	(94,884)		-	106,065	\$ -	\$ 392	\$ 1,005	\$ 1,337	\$ (92,150)
LRAM Variance Account	1568	1,320,287	15,784	1,336,071	(487,027)	-	834,817	\$ -	\$ 3,131	\$ 7,889	\$ 10,567	\$ 870,631
		\$ (3,685,301)	\$ (195,783)	\$ (3,881,083)	\$ (487,027)	\$ (4,058,087)	\$ (179,070)	\$ (20,965)	\$ (619)	\$ (1,718)	\$ (2,211)	\$ (335,538)
											Total Claim (including Account 1568)	\$ (335,538)
											Total Claim for Threshold Test	\$ (1,206,169)
											Total metered kWh from most recent filing	3,176,444,270
											Threshold Test (Total claim per kWh)	(0.0004)

Global Adjustment

Distributors must provide a description of their settlement process with the IESO, in accordance with Chapter 3 of the Board’s Filing Requirements for Electricity Distribution Rate Applications, dated July 12, 2018. Distributors must specify the GA rate used when billing customers for each rate class, itemize the process for providing consumption estimates to the IESO, and describe the true-up process to reconcile estimates of RPP and non-RPP consumption once actuals are known.

Starting with 2018 rate applications, distributors are also required to complete the GA Analysis Work Form. The work form validates the principal balance by recalculating the GA variance based on the monthly non-RPP consumption and corresponding GA revenues and costs.

Settlement Process Overview

The IESO Form 1598 is calculated monthly and submitted to determine the receivable/payable amount from/to the IESO. London Hydro dollar inputs are used for determination and settlement of Regulated Price Plan Settlement Amount (charge type 1142), Renewable Energy Standard

Offer Program Settlement Amount (charge type 1410), Feed-In Tariff Program Settlement Amount (charge type 1412), and Ontario Rebate for Electricity Customers (OREC) (-8%) Amount (charge type 9982).

In addition London Hydro includes various consumption and customer count information for the IESO to use for verification of claims, estimation of charges (i.e. Smart Metering Charge (charge type 9980)) and forecasting purposes.

Regulated Price Plan Settlement Amount

London Hydro Inc. (“London Hydro”) utilizes the IESO Form 1598 to claim the difference between Regulated Price Plan (RPP) rates applied to regulated rate plan consumers, and the sum of the corresponding consumption times the weighted average of the Hourly Ontario Energy Price (HOEP) and Global Adjustment (GA). The process is completed by the fourth business day of the month using meter data available from London Hydro’s settlement systems.

London Hydro’s uses its SAP system for billing customers monthly. Normally customers are billed in levelized billing cycles with established from and to dates to balance the daily bill print process. Predominantly large use customers and manually generated reads (co-gen, street light, unmetered scattered load etc.) are billed based on whole month billings.

The following discusses the steps taken to calculate the Regulated Price Plan Settlement Amount:

i. Determination of current low volume consumption at RPP rates;

For the current IESO billing month London Hydro extracts from the SAP system the total billed consumption and RPP applied rate amount for all RPP customers. Low volume consumption is extracted between RPP customers on tiered pricing and on TOU pricing.

ii. Determination of current low volume consumption at the weighted average HOEP;

London Hydro maintains a table of the weighted average HOEP that is used to calculate and be applied to the extracted consumption of each recorded transaction in i) above. The final amount calculated is subtracted from i) above.

iii. Determination of current low volume consumption at the average GA;

London Hydro maintains two tables (tiered and TOU RPP) to determine the average monthly proportions of RPP consumption against total wholesale consumption and the splits between the RPP rates applied. The values maintained in these tables are the prorated actuals determined from transactions two months prior to current as determined in iv) below. These proportions and splits are used to calculate and be applied to the current month's wholesale consumption against the current months 2nd estimate global adjustment. The final amount calculated is subtracted from i) above.

iv. True-up of low volume consumption GA from two months prior;

London Hydro extracts from the SAP system the line by line prorated billed consumption by rate amount for all billed RPP customers for the period two months prior to current. The resultant quantity is multiplied by the Actual GA rate from two months prior. The resultant amount is reconciled against the amount calculated in iii) above two months prior. The reconciled amount is applied against the product of i), ii) and iii) above.

iv. RPP – Final Variance Settlement Amount;

London Hydro extracts from the SAP system the Final Variance Settlement Amounts billed to customers who have declared they are leaving the system. This amount is subtracted against the product of i), ii), iii), and iv) above.

Renewable Energy Standard Offer Program (RESOP) Settlement Amount

London Hydro extracts from the SAP system the actual credit amounts calculated and remitted during the current month to RESOP customers per IESO contract agreements.

Feed-In Tariff (FIT) Program Settlement Amount

London Hydro extracts from the SAP system the actual credit amounts calculated and remitted during the current month to FIT and microFIT customers per IESO contract agreements.

Ontario Rebate for Electricity Consumers (OREC) (-8%) Program Settlement Amount

London Hydro extracts from the SAP system the actual 8% credit amounts calculated and applied during the current month to low volume consumption customers per legislation.

Other information

London Hydro relies on accrual accounting, and currently bills all Class B non-RPP customers using the IESO's Global Adjustment first estimate rate and all Class A customers using the actual Global Adjustment rate. All quantities used in the settlement process are subject to a historical reasonability test.

The IESO established self-certification program designed to enhance the consistency of the 1598 claims process and the level of assurance provided by LDCs regarding the calculation and recording of claims. London Hydro submitted its self-certification on May 31, 2017 for the 2016 fiscal year end. The self-certification process is no longer required on an annual basis.

Wholesale Market Participants

A wholesale market participant (WMP) refers to any entity that participates directly in any of the Independent Electricity System Operator (IESO) administered markets. These participants settle commodity and market-related charges with the IESO even if they are embedded in a distributor's distribution system. As a consequence, London Hydro must not allocate any balances to these customers from Account 1580 RSVA - Wholesale Market Services Charge, Account 1580 Variance WMS, Sub-Account CBR Class B, Account 1588 RSVA - Power, and Account 1589 RSVA - Global Adjustment to a WMP.

London Hydro must also ensure that rate riders, if any, are appropriately calculated for the following remaining charges that are still settled with a distributor. These include Account 1584 RSVA – Retail Transmission Network Charge, Account 1586 RSVA – Retail Transmission Connection Charge and Account 1595 – Disposition/Refund of Regulatory Balances.

Global Adjustment; Class B and A Customers

As of July 1, 2015, per O.Reg 429/04, an eligible customer with a maximum hourly demand over three megawatts, but less than five megawatts, can elect to become a Class A for an applicable adjustment period of one year. Effective January 1, 2017, the ICI expanded to include all electricity users with an average monthly peak demand over 1 MW. In April 2017, the ICI further reduced the ICI threshold to 500 kW to make targeted manufacturing and industrial sectors, including greenhouses eligible to opt-in to the ICI. Customers who participate in the ICI, referred to as Class A, pay GA based on their percentage contribution to the top five peak Ontario demand hours (i.e. peak demand factor) over a year-long period. London Hydro is required to settle GA costs with Class A customers on the basis of actual GA prices, and therefore cannot allocate GA variance balance to these customers for the period that customers were designated Class A.

Most remaining customers pay the GA charge based on the amount of electricity they consume in a month (kWh). These customers are referred to as Class B. For non-RPP Class B customers, the GA variance account (Account 1589) captures the difference between the amounts billed (or estimated to be billed) by the distributor and the actual amount paid by the distributor to the IESO (or host distributor) for those customers.

When clearing balances from the GA variance account, distributors must establish a separate rate rider included in the delivery component of the bill that would apply prospectively to non-RPP Class B customers. Effective in 2017, the billing determinant and all the rate riders for the GA were calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class.

The rate generator model for 2019 contains Tab 6. Class A Consumption Data that will be generated for London Hydro to input consumption data pertaining to Class A and transition customers, if it had Class A customers at any point during the period when the Account 1589 balance accumulated and the GA balance is proposed for disposition. Tab 6.1a GA Allocation allocates the GA balance to transition customers for the period in which these customers were Class B customers and contributed to the GA balance (i.e. former Class B customers who contributed to the GA balance but are now Class A customers and former Class A customers who are now Class B customers contributing to the GA balance). All transition customers will only be responsible for the amount allocated to them in Tab 6.1a GA Allocation, and they will

not be charged/refunded the GA rate rider that applies to all non-RPP Class B customers. The model calculates specific amounts for each transition customer based on the consumption of each customer during the period they were Class B customers. London Hydro is generally expected to settle the amount through 12 equal adjustments to bills. Customers should be charged in a consistent manner for the entire disposition period until the sunset date, regardless of whether customers transition between Class A and Class B during the disposition period.

London Hydro serves Class A customers within its service territory. [Table 5: Class A Customers](#) reflects the change in the number of Class A customers in years relevant to the balance in Account 1589 RSVA Global Adjustment.

Table 5: Class A Customers

Adjustment Period	Number of Class A Customers	Combined Peak Demand Factor
July 1, 2016 - June 30, 2017	6	0.00131751
July 1, 2017 - June 30, 2018	43	0.00322900

There were 6 Class A customers during the period of July 1, 2016 to June 30, 2017. As the ICI threshold was reduced to 500 kW in Year 2017, 37 more customers from the General Service 50-4,999 kW rate class opted in and became Class A customers.

London Hydro proposes no disposition of Account 1589 RSVA GA balance in this rate application.

Starting for 2018 rate applications, London Hydro must complete the GA Analysis Workform. This new workform will help the OEB assess if the annual balance in Account 1589 is reasonable. The workform compares the General Ledger principal balance to an expected principal balance based on monthly GA volumes, revenues and costs.

A discrepancy between the actual and expected balance may be explained and quantified by a number of factors, such as an outstanding IESO settlement true-up payment. The explanatory items should reduce the discrepancy and provide distributor-specific information to the OEB. Any remaining, unexplained discrepancy will be assessed for materiality and could prompt

further analysis before disposition is approved. Unexplained discrepancies should be calculated separately for each calendar year and any unexplained discrepancy for each year greater than +/- 1% of total annual IESO GA charges will be considered material.

Starting with the 2019 rate applications, the distributor must also describe its financial accounting practices related to transactions in Commodity Accounts 1588 and 1589. The initial RPP settlement and unbilled energy estimates are updated once the final consumption and GA rate becomes available. The general ledger is updated with the final amounts and the results of the true-up process. The true-up process takes place two months after the initial recording of results for the current month, except at year-end when the general ledger remains open until the December 31st consumption is billed to the customer (approximately 48 days later) and billing results become available to complete the true-up process. The general ledger is then updated with the final results for both November and December.

Capacity Based Recovery (CBR)

London Hydro must follow accounting guidance on the disposition of CBR variances. In Tab 3. Continuity Schedule of the rate generator model, London Hydro must indicate whether it has any Class A customers during the period where the Account 1580 CBR Class B Sub-Account balance accumulated, as such, a separate rate rider will be calculated in the rate generator model in the new Tab 6.2 CBR B if disposition is requested. If not, the rate generator model will transfer the Sub-Account balance to Account 1580 WMS control account and include the CBR amounts as part of the general purpose Group 1 Deferral and Variance account rate riders. Account 1580 Sub-Account CBR Class A is not to be disposed through rates proceedings but rather follow the OEB's accounting guidance. In the 2018 IRM rate application, EB-2017-0059, the allocated CBR amount was not significant enough to generate a rate rider, therefore London Hydro proposed to transfer the amount into Account 1595 to be disposed in a future proceeding according to the Accounting Guidance Capacity Based Recovery, July 25, 2016.

Similar to the guidance provided in section 3.2.5.2 for GA transition customers, Tab 6.2a CBR B_Allocation has been added to the rate generator model. This tab is generated when applicants indicate that a Class B customer switched into Class A or vice versa during the period in which the CBR Class B Sub-Account balance accumulated. This tab allocates the

portion of Account 1580 Sub-Account CBR Class B to customers who transitioned between Class A and Class B based on customer specific consumption levels.

Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)

Conservation and Demand Management (“CDM”) programs for electricity distributors were first approved by the OEB in 2004, and have expanded since becoming a more important part of the energy policy in Ontario. The Board developed and issued the CDM Code for Electricity Distributors (the “CDM Code”) on September 16, 2010 to support the CDM framework. The CDM Code sets out the obligations along with requirements, with which electricity distributors must comply in relation to the CDM targets set out in their licenses for the January 1, 2011 to December 31, 2014 CDM target period. The CDM Code was created in response to a Directive dated March 31, 2010 by the Minister of Energy and Infrastructure pursuant to sections 27.1 and 27.2 of the Ontario Energy Board Act, 1998. Section 12 of the Directive states that lost revenues that result from CDM programs should not act as a disincentive to a distributor.

The Board issued detailed guidelines on the lost revenue adjustment mechanism (“LRAM”) related to CDM programs implemented under the CDM code. London Hydro calculated the LRAM Variance Account balance (“LRAMVA”) in compliance with the requirements set out in the following guidelines issued by the Board:

Guideline for Electricity Distributor Conservation and Demand Management (EB-2012-0003 – the “2012 CDM Guidelines”), dated April 26, 2012, describes the mechanism to capture the difference between the results of actual verified impacts of authorized CDM activities undertaken by the distributor between 2011 and 2014 and the level of activities embedded into rates through the distributor’s load forecast. This guideline also describes the establishment of the LRAM Variance Account and the method to record the related lost revenues.

The *Conservation and Demand Management Requirement Guidelines for Electricity Distributors (EB-2014-0278 – the “2015 CDM Guidelines”)*, issued by the OEB on December 19, 2014, are applicable to CDM programs beginning January 1, 2015. These guidelines require distributors to continue to rely on the LRAMVA to track and dispose lost revenues that result from approved CDM programs between 2015 and 2020.

The *Report of the OEB: Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs* (EB-2016-0182 – the “LRAMVA Report”), issued on May 19, 2016, outlines the OEB’s policy with respect to the treatment of peak demand savings for the LRAM Variance Account calculation for demand billed customers.

The CDM Guidelines (EB-2012-0003), which apply to the four year period from January 1, 2011 to December 31, 2014, direct that the variances between the Board approved CDM forecast and the actual results at the customer rate class level are to be recorded in Account 1568 LRAMVA.

The LRAM Variance Account captures, at the rate class level, the difference between the following:

- i. The results of actual, verified impacts of authorized CDM activities undertaken by electricity distributors between 2011-2014 for both Board-Approved programs and OPA-Contracted Province-Wide programs in relation to activities undertaken by the distributor and/or delivered for the distributor by a third party under contract (in the distributor’s franchise area); and
- ii. The level of CDM program activities included in the distributor’s load forecast (i.e., the level embedded into rates).

In accordance with the Board’s *Guidelines for Electricity Distributor Conservation and Demand Management* (EB-2012-0003) issued April 26, 2012, at minimum, distributors must apply for the disposition of the balance in the LRAMVA at the time of their Cost of Service rate applications. Distributors may apply for the disposition of the balance in the LRAMVA on an annual basis, as part of their Incentive Regulation Mechanism (“IRM”) rate application if the balance is deemed significant by the applicant. The LRAMVA shall not be included in the pre-set disposition threshold calculation in determining materiality for disposition for Group 1 accounts as per the July 31, 2009 Report of the Board: *Electricity Distributors’ Deferral and Variance Account Initiative* (EB-2008-0046). All requests for disposition of the LRAMVA must be made together with carrying charges.

London Hydro received Board approval of an LRAM amount of \$176,092 in its 2013 Cost of Service rate application (EB-2012-0146). This amount consisted of lost revenues from the 2011

CDM programs in 2011 and the persisting lost revenues from the 2011 CDM programs in 2012. The resulting Rate Riders for LRAM Recovery expired on April 30, 2014.

London Hydro received Board approval for the recovery of an LRAMVA amount of \$104,916 in its 2014 IRM rate application (EB-2013-0150). This amount consisted of lost revenues from the 2012 CDM programs in 2012 calculated based on the OPA's Annual CDM Report 2012 Final Verified Results. The resulting rate riders expired on April 30, 2015.

London Hydro received Board approval for the recovery of an LRAMVA amount of \$449,430 in its 2017 Cost of service rate application (EB-2016-0091). This amount consisted of lost revenues from the 2013 and 2014 CDM programs including their persistence up to the end of 2015, the lost revenues from the 2015 CDM programs, the 2011 and 2012 program savings persisting in years 2013 to 2015. The calculated amount was based on the Final 2015 Annual Verified Results for London Hydro issued by the IESO. The resulting rate riders expired on April 30, 2018.

London Hydro is not requesting recovery of lost revenue resulting from any pre-2011 CDM activities or legacy programs, and any OEB-approved programs.

London Hydro has used the most recent input assumptions when calculating lost revenue and has relied on the most recent final evaluation reports from the IESO.

The *Final 2016 Annual Verified Results Report London Hydro Inc.*, issued on June 30, 2017 by the IESO, included 2015 Adjustments in 2016 in addition to the 2016 programs, which were not included in the *Final 2015 Annual Verified Results Report London Hydro Inc.*, issued on June 30, 2016 by the IESO, and therefore, were not claimed in the 2017 cost of service rate application. London Hydro submitted an additional claim to recover additional lost revenues calculated for the 2015 Adjustments in 2016 in its 2018 IRM rate application (EB-2017-0059), on the basis of this adjustment was not available at the time the Final 2015 Annual Verified Results Report for London Hydro was issued, and therefore, lost revenues from these activities could not be claimed in its application. London Hydro's claim was denied in accordance with Page 14 of Chapter 3 Filing Guidelines which states that the "LDCs cannot seek recovery of LRAMVA amounts related to savings adjustments for a year in which the corresponding LRAMVA amount has been approved by the OEB".

The 2017 Final Verified Annual Program Results London Hydro Inc. issued on June 29, 2018, included additional adjustments to the 2015 verified program results. These adjustments cannot be claimed for Year 2015.

The requested amount in Account 1568 LRAMVA for recovery in this application includes the lost revenues from the 2016 CDM programs, 2016 Adjustments in 2017 and the 2011-2015 programs savings persisting in year 2016, as well as applicable carrying charges up to April 30, 2019. London Hydro respectfully requests approval for LRAMVA recovery on an interim basis due to anticipated additional adjustments for Year 2016 in future years, based on recent experience with the Year 2015 final verified results and the subsequent adjustments for Year 2015 program results in both Year 2016 and Year 2017.

London Hydro utilized the OEB model Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form – Version 3.0 (2019), updated on July 12, 2018, to calculate the LRAMVA amount.

The balance of Account 1568 LRAMVA with projected carrying charges at the Board prescribed interest rate is presented in Table 6 – Account 1568 LRAMVA Balance. The Board prescribed interest rate 1.10% applied for the period of January 1, 2017 to September 30, 2017, 1.50% applied for the period of October 1, 2017 to March 31, 2018, 1.89% applied for the period of April 1, 2018 to September 30, 2018 and 2.17% applied for the period of October 1, 2018 to April 30, 2019 to the opening principal balance. The projected balance is \$870,631, and it is proposed for recovery via volumetric rate riders.

Table 6 – Account 1568 LRAMVA Balance

LRAMVA Account	Net Accruals / Variances	Carrying Charges	Ending Balances at Dec. 31, 2016	Projected Interest Jan 1/17 to Apr 30/19	Projected Balances as at Apr 30/19
1568 LRAMVA	\$ 834,817	\$ 4,209	\$ 839,026	\$ 31,605	\$ 870,631

London Hydro will continue the use of 1568 LRAM Variance Account on a going forward basis.

Calculation of the LRAMVA Amount

The LRAMVA calculation involves the comparison of the actual verified savings to the level of CDM program activities included in the distributor's load forecast and computing the resulting lost revenues.

Expected Savings for LRAMVA

London Hydro incorporated rate class specific energy and demand savings resulting from CDM activities in the load forecast approved in its 2013 COS rate application. [Table 7 – Expected Savings for LRAM Variance Account](#) reflects the expected savings to be incorporated into the LRAM calculation according to the related decision and rate order. This table is titled as “*Settlement Table 7 – LRAMVA Allocation per Customer Class*” in the Decision and Rate Order, EB-2012-0146, Appendix A Settlement Agreement, Page 24.

Table 7 – Expected Savings for LRAM Variance Account

	Residential	GS<50	GS>50	Large User	Cogeneration	Street Lighting	Sentinels	USL	Total
kWh	14,896,090	5,412,015	21,361,865	2,576,753	552,808	315,677	10,286	65,791	45,191,286
kW where applicable			53,511	5,133	2,704	885	28		62,262

There were no expected CDM savings incorporated into London Hydro's load forecast prior to the 2013 Cost of service application (EB-2012-0146).

Actual Savings for LRAMVA

Energy and demand savings from Conservation and Demand Management programs are based on the final verified results reports received from the IESO for each rate class by year and individual program. The latest and most up-to-date information was used in the calculation.

London Hydro has calculated the energy and peak demand savings resulting from the 2011-2014 CDM programs based on the *2011-2014 Final Results Report London Hydro Inc.*, issued by the IESO. Energy and peak demand savings from CDM programs commencing in Year 2015 are calculated based on the *Final 2015 Annual Verified Results Report London Hydro Inc.*,

issued on June 30, 2016 by the IESO. Lost revenues from 2011-2014 programs and their persistence up to 2015, and lost revenues from 2015 programs have been claimed and approved for recovery in previous rate applications. These programs are included in the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form to recover the persisting savings into Year 2016.

Energy and peak demand savings from CDM programs commencing in Year 2016 are calculated based on the *Final 2016 Annual Verified Results Report London Hydro Inc.*, issued on June 30, 2017 by the IESO. This report included 2015 Adjustments in 2016 in addition to the 2016 programs, which were not included in the *Final 2015 Annual Verified Results Report London Hydro Inc.*, issued on June 30, 2016 by the IESO, and therefore, were not claimed in the 2017 cost of service rate application. The *2017 Final Verified Annual Program Results London Hydro Inc.* issued on June 29, 2018, included additional adjustments to the 2015 and 2016 verified program results, which were updated in the LRAMVA Work Form for each year, respectively.

The IESO reports the final verified results of both energy savings and reductions in demand. Customers who are in the Residential, General Service less than 50 kW, General Service 50-4,999 kW, Co-Generation 1,000-4,999 kW and Street Lighting rate classes, participated in the CDM programs conducted during the years of 2011-2016. The energy savings and demand reductions are reflected in kWh and kW, respectively. The lost revenues are calculated for each rate class using energy savings or demand reductions based on the billing determinant that is applied in the calculation of the variable distribution charge. Peak demand reductions from Demand Response 3 programs are not included in the lost revenue calculations.

Energy and demand savings by year for each rate class are updated in the appropriate tables on Tabs 4. 2011-2014 LRAM and 5. 2015-2020 LRAM. The tables list the individual CDM programs/initiatives applicable to each rate class and indicate the energy savings (kWh) and peak demand (kW) savings assigned to those programs/initiatives. Program persistence was populated on Tab 7 based on the IESO issued persistence report for each year and linked to each program in the corresponding tables. Rate class allocations are populated on Tab 3-a based on customer participation from each rate class in the programs reported in the final verified results.

The savings then are totaled by rate classes and program year. The persisting savings from prior year programs are added to each year's summarized savings to establish the total savings for the year.

London Hydro's rate year does not coincide with its fiscal year, therefore, in order to calculate the lost revenues resulting from CDM activities, an average volumetric distribution rate is computed for each rate class by year. The calculation does not include any volumetric rate riders that are subject to their own independent true up process.

The rates were prorated based on the approved effective implementation period. London Hydro's rate year cycles from May 1 of current year to April 30 of subsequent year. The average rate is calculated by taking the prior year rate and prorate it for the first four months (January to April), then taking the current year's approved rate and prorate it for the remaining eight months (May to December). The summary of the two prorated values yields the average annual volumetric distribution rate specific to the rate class.

The lost revenue is determined by multiplying the volumetric impact of the load reductions by the average annual Board approved variable distribution charges applicable to the customer rate class, in which the volumetric variance occurred. The enclosed LRAMVA Work Form details each CDM initiative by program year and rate class, and the complete calculation of the LRAMVA amount.

The LRAMVA principal amount consists of the difference between the results of actual verified impacts of authorized CDM activities undertaken by the distributor between 2011 and 2016 and the level of activities embedded into rates through the distributor's load forecast multiplied with the distribution rates in effect for the respective period.

Carrying charge, included in the LRAMVA claim, is calculated using the Board prescribed interest rate for the respective quarterly period, and applied to the monthly opening balances of the LRAMVA principal.

Table 8: LRAMVA Principal and Interest Proposed for Recovery

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$323,518	\$13,879	\$337,397
GS<50 kW	kWh	\$297,126	\$12,747	\$309,873
General Service 50 - 4,999 kW	kW	\$210,596	\$9,035	\$219,630
Co-Generation 1,000 - 4,999 kW	kW	\$23,794	\$1,021	\$24,815
Large User	kW	-\$11,228	-\$482	-\$11,710
Street Lighting	kW	-\$7,491	-\$321	-\$7,813
Sentinel Lighting	kW	-\$320	-\$14	-\$333
Unmetered Scattered Load	kWh	-\$1,178	-\$51	-\$1,228
Total		\$834,817	\$35,814	\$870,631

Recovery of the allocated LRAMVA amount is proposed via volumetric rates riders from each rate class over a one-year period on an interim basis, effective May 1, 2019 to April 30, 2020.

Table 9: LRAMVA Rate Riders

Rate Class	Units	Metered Consumption	1568 LRAM Variance Account Class Allocation (\$ amounts)	Rate Rider LRAMVA
RESIDENTIAL SERVICE	kWh	1,041,232,119	\$ 337,397	0.0003
GENERAL SERVICE LESS THAN 50 KW	kWh	384,261,420	\$ 309,873	0.0008
GENERAL SERVICE 50 TO 4,999 KW	kW	3,725,836	\$ 219,630	0.0589
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION)	kW	73,628	\$ 7,998	0.1086
STANDBY POWER	kW	154,800	\$ 16,816	0.1086
LARGE USE SERVICE	kW	227,574	-\$ 11,710	- 0.0515
STREET LIGHTING	kW	56,255	-\$ 7,813	- 0.1389
SENTINEL LIGHTING	kW	1,611	-\$ 333	- 0.2070
UNMETERED SCATTERED LOAD	kWh	5,549,550	-\$ 1,228	- 0.0002
Total			\$ 870,631	

Rate Design for Residential Electricity Customers

On April 2, 2015, the Board released its policy: *A New Distribution Rate Design for Residential Electricity Customers*, (EB-2014-0210, dated April 2, 2015), which stated that electricity distributors will transition to a fully fixed monthly distribution service charge for residential customers over a period of four years, beginning in 2016.

London Hydro completed Tab 16 of the 2019 IRM Rate Generator Model to determine the proposed residential fixed and variable rates using the Board's approach of the four-year transition to fully fixed rates. The calculation results in \$2.60 incremental fixed charge which is below the \$4.00 threshold set by the Board for service charge increase, therefore, no rate mitigation is required.

In accordance with section 3.2.3 of Chapter 3 of the Board's Filing Requirements for Electricity Distribution Rate Applications, dated July 16, 2015, London Hydro evaluated the total bill impact at the 10th consumption percentile of its Residential Rate Class.

The following method was used to derive the 10th consumption percentile:

- London Hydro extracted residential consumption data from its customer information system for the Year 2014 and reconciled it with its posted general ledger records. Data for customers with full year consumption was used in the analysis of average consumption.
- London Hydro calculated the customer specific average daily consumption by dividing the total consumption with the total days. Then an average monthly consumption is calculated by multiplying the average daily consumption by 30 days.
- London Hydro sorted the records by the average monthly consumption and the 10th percentile of this data was found at the record with 286.33 kWh.

London Hydro assessed the total bill impact at this consumption level for the residential customer class. The total bill impact is \$1.85 or a 3.35% increase in the total bill, therefore, no rate mitigation required.

Table 10: Residential Customer Bill Impact at the 10th Consumption Percentile

Customer Class: Residential - at the 10th percentile									
Consumption: 286.33 kWh									
	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 22.17	1	\$ 22.17	\$ 24.99	1	\$ 24.99	\$ 2.82	12.72%
Distribution Volumetric Rate	per kWh	\$ 0.0041	286	\$ 1.17	\$ -	286	\$ -	-\$ 1.17	-100.00%
Tax Change Fixed Rate Rider	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
ACM Fixed Rate Rider	Monthly	\$ 0.31	1	\$ 0.31	\$ 0.31	1	\$ 0.31	\$ -	0.00%
Volumetric Rate Riders	per kWh	\$ 0.0003	286	\$ 0.09	\$ -	286	\$ -	-\$ 0.09	-100.00%
Sub-Total A (excluding pass through)				\$ 23.74		\$ 25.30	\$ 1.56	6.57%	
Line Losses on Cost of Power	per kWh	\$ 0.0823	9	\$ 0.74	\$ 0.0823	9	\$ 0.74	\$ -	0.00%
Rate Rider for Smart Metering Entity Charge	Monthly	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Deferral/Variance Account Disposition Rate Rider 1 (2016)	per kWh	-\$ 0.0009	286	-\$ 0.26	\$ -	286	\$ -	\$ 0.26	-100.00%
Deferral/Variance Account Disposition Rate Rider 2 Non-WMP only (2016)	per kWh	\$ -	286	\$ -	\$ -	286	\$ -	\$ -	
CBR Rate Rider	per kWh		286	\$ -		286	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 24.79		\$ 26.61	\$ 1.82	7.33%	
RTSR - Network	per kWh	\$ 0.0049	295	\$ 1.45	\$ 0.0048	295	\$ 1.42	-\$ 0.03	-2.04%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0047	295	\$ 1.39	\$ 0.0046	295	\$ 1.36	-\$ 0.03	-2.13%
Sub-Total C - Delivery (including Sub-Total B)				\$ 27.63		\$ 29.39	\$ 1.76	6.37%	
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0032	295	\$ 0.95	\$ 0.0032	295	\$ 0.95	\$ -	0.00%
Capacity Based Recovery Charge	per kWh	\$ 0.0004	295	\$ 0.12	\$ 0.0004	295	\$ 0.12	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0003	295	\$ 0.09	\$ 0.0003	295	\$ 0.09	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC) ²	per kWh		286	\$ -		286	\$ -	\$ -	
OESP						295	\$ -	\$ -	
TOU - Off Peak	per kWh	\$ 0.0650	183	\$ 11.91	\$ 0.0650	183	\$ 11.91	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	52	\$ 4.84	\$ 0.0940	52	\$ 4.84	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	52	\$ 6.80	\$ 0.1320	52	\$ 6.80	\$ -	0.00%
Total Bill on TOU (before Taxes)				\$ 52.59		\$ 54.35	\$ 1.76	3.34%	
HST		13%		\$ 6.84	13%	\$ 7.07	\$ 0.23	3.34%	
Total Bill (including HST)				\$ 59.43		\$ 61.41	\$ 1.99	3.34%	
8% Rebate				-\$ 4.21		-\$ 4.35	-\$ 0.14	3.33%	
Total Bill on TOU (including OCEB)				\$ 55.22		\$ 57.06	\$ 1.85	3.35%	

Loss Factor

1.0315

1.0315

Summary of Bill Impacts

The proposed Tariff of Rates and Charges is presented in Attachment C. The effects of the 2019 Price Cap Index Adjustment and the forecasted Retail Transmission Service Rates have been incorporated.

The Bill Impacts for each rate class is presented in Appendix D. The bill impact analysis incorporated changes resulting from distribution rate changes due to the annual adjustment mechanism, the change in residential rate design, as well as for the recovery of an LRAMVA amount, and the new RTSRs on representative samples of each rate class. Effective January 1, 2016, all electricity users with a Residential rate class account are exempt from the Debt Retirement Charge (DRC), and consequently, the DRC has no impact on the residential electricity bill on May 1, 2019. Commodity rates and regulatory charges were held constant.

The total bill impact for a residential customer on RPP using 750 kWh is \$0.51 or 0.5% increase of the total bill. A General Service less than 50 kW RPP customer consuming 2,000 kWh's per month would see \$3.44 or 1.3% increase on a total monthly bill. Customers within industrial classes have a change in their total monthly bill between 0.5% and 1.3% increase. The Summary of Bill Impacts is presented in Table 11: Summary of Bill Impacts.

The proposed bill impacts do not exceed the 10%. London Hydro concludes that no bill mitigation is required.

Table 11: Summary of Bill Impacts

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		A + B + C	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ (0.03)	-0.1%	\$ 0.65	2.4%	\$ 0.49	1.4%	\$ 0.51	0.5%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$ 2.09	3.8%	\$ 3.69	6.2%	\$ 3.28	4.2%	\$ 3.44	1.3%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 210.43	3.0%	\$ 2,026.93	38.2%	\$ 1,827.43	11.6%	\$ 2,065.00	1.3%
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 376.56	3.2%	\$ 1,788.06	17.2%	\$ 1,570.56	7.1%	\$ 1,774.73	1.0%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (146.13)	-0.3%	\$ 9,504.50	26.5%	\$ 8,643.15	10.6%	\$ 9,766.76	1.2%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (0.02)	-0.4%	\$ 0.36	5.6%	\$ 0.33	4.3%	\$ 0.38	0.9%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.03	0.5%	\$ 0.23	3.4%	\$ 0.22	3.2%	\$ 0.25	0.8%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.02	0.0%	\$ 1.62	3.5%	\$ 1.21	1.9%	\$ 1.36	0.5%

All of which is respectfully submitted.

Attachment A

Certification



**London
Hydro**

111 Horton St.
P.O. Box 2700
London, ON N6A 4H6

Powering London.
Empowering You.

September 24, 2018

Certification of Evidence

I hereby certify that, to the best of my knowledge, the evidence filed in this Application is accurate, consistent with the Board's accounting requirements and procedures in the Accounting Procedures Handbook and any other accounting procedures the Board may approve from time to time and complete, and that London Hydro Inc. has robust processes and internal controls in place for the preparation, review, verification and oversight of the deferral and variance account balances being disposed.

David Arnold
Chief Financial Officer,
Vice-President of Finance, & Corporate Secretary
London Hydro Inc.

Attachment B

Current Tariff of Rates and Charges

Schedule A

To Decision and Rate Order

Tariff of Rates and Charges

OEB File No: EB-2017-0059

DATED: March 22, 2018

London Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0059

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk meter) shall be classified as General Service. Where electricity service is provided to combined residential and business (including agricultural) usage and the wiring does not provide for separate metering, the classification shall be at the discretion of London Hydro and should be based on such considerations as the estimated predominant consumption. Non IESO generation accounts, primarily net-metered accounts taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation shall be classified as residential. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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	\$	22.17
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.31
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0041
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0049
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

MONTHLY RATES AND CHARGES - Regulatory Component

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

London Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2018
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EB-2017-0059

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 maximum demand is less than, or is forecast to be less than, 50 kW. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk meter) shall be classified as General Service. Where electricity service is provided to combined residential and business (including agricultural) usage and the wiring does not provide for separate metering, the classification shall be at the discretion of London Hydro and should be based on such considerations as the estimated predominant consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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	\$	32.59
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.41
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0109
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0008)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042

MONTHLY RATES AND CHARGES - Regulatory Component

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

London Hydro Inc.
TARIFF OF RATES AND CHARGES
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GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the determination of the billing demand and the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 199 kW non-interval metered

General Service 50 to 4,999 kW interval metered.

Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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.

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The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (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	\$	159.20
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	2.01
Distribution Volumetric Rate	\$/kW	2.7488
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3435)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	0.0111
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0347
Retail Transmission Rate - Network Service Rate	\$/kW	1.6143
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5254
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.0701
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1256

London Hydro Inc.
TARIFF OF RATES AND CHARGES
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EB-2017-0059

MONTHLY RATES AND CHARGES - Regulatory Component

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

London Hydro Inc.
TARIFF OF RATES AND CHARGES
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EB-2017-0059

GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE

Embedded generation, co-generation or load displacement customers have the option to reserve demand capacity on the London Hydro distribution system for import load through mutual agreement/contract. For the embedded generation customers with a gross peak demand annual average of less than 1,000 kW and equal to or greater than 50 kW per month, the General Service 50 to 4,999 kW distribution rates will be applied, as long as there is no requirement for reserve capacity from the customer. For the embedded generation customers with a gross peak demand annual average of less than 50 kW per month, the General Service Less Than 50 kW distribution rates will be applied, as long as there is no requirement for reserve capacity from the customer. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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 wholesale market participants (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	\$	2,173.50
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	27.46
Distribution Volumetric Rate is applied to billed demand in excess of contracted amount (e.g. nameplate rating of the generation facility)	\$/kW	3.7968
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.1704)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0480
Retail Transmission Rate - Network Service Rate	\$/kW	2.3899
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2484

MONTHLY RATES AND CHARGES - Regulatory Component

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

London Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2018
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EB-2017-0059

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires London Hydro to provide backup service. The distribution Standby Power rate will be applied to all monthly kW's reserved. Further servicing details are available in London Hydro'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.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (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

Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0396
Standby Charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	\$/kW	3.1360
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.1704)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)

London Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2018
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EB-2017-0059

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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 wholesale market participants (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	\$	20,499.65
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	258.98
Distribution Volumetric Rate	\$/kW	2.2876
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0289
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.4309)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.1206
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1256

MONTHLY RATES AND CHARGES - Regulatory Component

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

London Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2018
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EB-2017-0059

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, 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. Further servicing details are available in London Hydro'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)	\$	1.66
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.02
Distribution Volumetric Rate	\$/kW	8.2935
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3025)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.1048
Retail Transmission Rate - Network Service Rate	\$/kW	1.4214
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3431

MONTHLY RATES AND CHARGES - Regulatory Component

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

London Hydro Inc.
TARIFF OF RATES AND CHARGES
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EB-2017-0059

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in London Hydro'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.

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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)	\$	4.67
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.06
Distribution Volumetric Rate	\$/kW	15.3774
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3080)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.1943
Retail Transmission Rate - Network Service Rate	\$/kW	1.4233
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3450

MONTHLY RATES AND CHARGES - Regulatory Component

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

London Hydro Inc.
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum 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 level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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)	\$	2.34
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.03
Distribution Volumetric Rate	\$/kWh	0.0202
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0008)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042

MONTHLY RATES AND CHARGES - Regulatory Component

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

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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 London Hydro'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
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & 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

Easement letter	\$	15.00
Special meter reads	\$	30.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Cellular meter read charge	\$	30.00

NON-PAYMENT OF ACCOUNT

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	10.00
Disconnect/reconnect at meter - during regular hours	\$	35.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00

OTHER

Meter interrogation charge	\$	5.50
Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00
Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00

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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.

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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.

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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	1.0315
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0146
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0212
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

Attachment C

Proposed Tariff of Rates and Charges

London Hydro Inc.
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RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk meter) shall be classified as General Service. Where electricity service is provided to combined residential and business (including agricultural) usage and the wiring does not provide for separate metering, the classification shall be at the discretion of London Hydro and should be based on such considerations as the estimated predominant consumption. Non IESO generation accounts, primarily net-metered accounts taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation shall be classified as residential. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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	\$	24.99
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.31
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0048
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046

MONTHLY RATES AND CHARGES - Regulatory Component

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

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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 maximum demand is less than, or is forecast to be less than, 50 kW. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk meter) shall be classified as General Service. Where electricity service is provided to combined residential and business (including agricultural) usage and the wiring does not provide for separate metering, the classification shall be at the discretion of London Hydro and should be based on such considerations as the estimated predominant consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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	\$	32.88
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.41
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0110
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0008
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0041

MONTHLY RATES AND CHARGES - Regulatory Component

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

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GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the determination of the billing demand and the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 199 kW non-interval metered

General Service 50 to 4,999 kW interval metered.

Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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.

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The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (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	\$	160.63
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	2.01
Distribution Volumetric Rate	\$/kW	2.7735
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.0589
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0347
Retail Transmission Rate - Network Service Rate	\$/kW	1.5939
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4869

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Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.0440
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.0719

MONTHLY RATES AND CHARGES - Regulatory Component

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

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GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE

Embedded generation, co-generation or load displacement customers have the option to reserve demand capacity on the London Hydro distribution system for import load through mutual agreement/contract. For the embedded generation customers with a gross peak demand annual average of less than 1,000 kW and equal to or greater than 50 kW per month, the General Service 50 to 4,999 kW distribution rates will be applied, as long as there is no requirement for reserve capacity from the customer. For the embedded generation customers with a gross peak demand annual average of less than 50 kW per month, the General Service Less Than 50 kW distribution rates will be applied, as long as there is no requirement for reserve capacity from the customer. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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.

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The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (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	\$	2,193.06
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	27.46
Distribution Volumetric Rate is applied to billed demand in excess of contracted amount (e.g. nameplate rating of the generation facility)	\$/kW	3.8310
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.1086
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0480
Retail Transmission Rate - Network Service Rate	\$/kW	2.3597
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1916

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MONTHLY RATES AND CHARGES - Regulatory Component

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

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STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires London Hydro to provide backup service. The distribution Standby Power rate will be applied to all monthly kW's reserved. Further servicing details are available in London Hydro'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.

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The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (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

Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0396
Standby Charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	\$/kW	3.1642
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.1086

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LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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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The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (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	\$	20,684.15
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	258.98
Distribution Volumetric Rate	\$/kW	2.3082
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	(0.0515)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0289
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.0938
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.0719

MONTHLY RATES AND CHARGES - Regulatory Component

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

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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, 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. Further servicing details are available in London Hydro's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.67
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.02
Distribution Volumetric Rate	\$/kW	8.3681
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	(0.1389)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.1048
Retail Transmission Rate - Network Service Rate	\$/kW	1.4035
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3092

MONTHLY RATES AND CHARGES - Regulatory Component

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

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SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in London Hydro'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)	\$	4.71
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.06
Distribution Volumetric Rate	\$/kW	15.5158
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	(0.2070)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.1943
Retail Transmission Rate - Network Service Rate	\$/kW	1.4053
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3110

MONTHLY RATES AND CHARGES - Regulatory Component

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

London Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2019
This schedule supersedes and replaces all previously
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EB-2018-0051

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum 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 level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.36
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.03
Distribution Volumetric Rate	\$/kWh	0.0204
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	(0.0002)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0041

MONTHLY RATES AND CHARGES - Regulatory Component

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

London Hydro Inc.
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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 London Hydro'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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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CUSTOMER ADMINISTRATION

Easement letter	\$	15.00
Special meter reads	\$	30.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Cellular meter read charge	\$	30.00

NON-PAYMENT OF ACCOUNT

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	10.00
Disconnect/reconnect at meter - during regular hours	\$	35.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00

OTHER

Meter interrogation charge	\$	5.50
Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00
Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00

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RETAIL SERVICE CHARGES (if applicable)

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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	1.0315
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0146
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0212
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

Attachment D

Bill Impacts

Bill Impacts

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
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0315	1.0315	750			
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	RPP	1.0315	1.0315	2,000			
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0315	1.0315	1,095,000	2,500	EMAND - INTERVAL	
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0315	1.0315	1,095,000	2,500	DEMAND	
STANDBY POWER SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0315	1.0315		3,500	DEMAND	
LARGE USE SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0146	1.0146	5,600,000	10,700	DEMAND	
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0315	1.0315	256	1	DEMAND	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0315	1.0315	180	0	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0315	1.0315	2,000			

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		A + B + C	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ (0.03)	-0.1%	\$ 0.65	2.4%	\$ 0.49	1.4%	\$ 0.51	0.5%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$ 2.09	3.8%	\$ 3.69	6.2%	\$ 3.28	4.2%	\$ 3.44	1.3%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 210.43	3.0%	\$ 2,026.93	38.2%	\$ 1,827.43	11.6%	\$ 2,065.00	1.3%
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 376.56	3.2%	\$ 1,788.06	17.2%	\$ 1,570.56	7.1%	\$ 1,774.73	1.0%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (146.13)	-0.3%	\$ 9,504.50	26.5%	\$ 8,643.15	10.6%	\$ 9,766.76	1.2%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (0.02)	-0.4%	\$ 0.36	5.6%	\$ 0.33	4.3%	\$ 0.38	0.9%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.03	0.5%	\$ 0.23	3.4%	\$ 0.22	3.2%	\$ 0.25	0.8%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.02	0.0%	\$ 1.62	3.5%	\$ 1.21	1.9%	\$ 1.36	0.5%

Customer Class: **RESIDENTIAL SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption: **750 kWh**

Demand: **- kW**

Current Loss Factor: **1.0315**

Proposed/Approved Loss Factor: **1.0315**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.17	1	\$ 22.17	\$ 24.99	1	\$ 24.99	\$ 2.82	12.72%
Distribution Volumetric Rate	\$ 0.0041	750	\$ 3.08	\$ -	750	\$ -	\$ (3.08)	-100.00%
Fixed Rate Riders	\$ 0.31	1	\$ 0.31	\$ 0.31	1	\$ 0.31	\$ -	0.00%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0003	750	\$ 0.23	\$ 0.23	
Sub-Total A (excluding pass through)			\$ 25.56			\$ 25.53	\$ (0.03)	-0.12%
Line Losses on Cost of Power	\$ 0.0820	24	\$ 1.94	\$ 0.0820	24	\$ 1.94	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0009	750	\$ (0.68)	\$ -	750	\$ -	\$ 0.68	-100.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge		750	\$ -		750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Volumetric Rate Riders (Sheet 18)		750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 27.39			\$ 28.03	\$ 0.65	2.36%
RTSR - Network	\$ 0.0049	774	\$ 3.79	\$ 0.0048	774	\$ 3.71	\$ (0.08)	-2.04%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0047	774	\$ 3.64	\$ 0.0046	774	\$ 3.56	\$ (0.08)	-2.13%
Sub-Total C - Delivery (including Sub-Total B)			\$ 34.81			\$ 35.30	\$ 0.49	1.41%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	774	\$ 2.79	\$ 0.0036	774	\$ 2.79	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	774	\$ 0.23	\$ 0.0003	774	\$ 0.23	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)								
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	128	\$ 11.99	\$ 0.0940	128	\$ 11.99	\$ -	0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 99.57			\$ 100.06	\$ 0.49	0.49%
HST	13%		\$ 12.94	13%		\$ 13.01	\$ 0.06	0.49%
8% Rebate	8%		\$ (7.97)	8%		\$ (8.01)	\$ (0.04)	
Total Bill on TOU			\$ 104.55			\$ 105.07	\$ 0.51	0.49%

Customer Class: **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

RPP / Non-RPP: RPP

Consumption 2,000 kWh

Demand - kW

Current Loss Factor 1.0315

Proposed/Approved Loss Factor 1.0315

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 32.59	1	\$ 32.59	\$ 32.88	1	\$ 32.88	\$ 0.29	0.89%
Distribution Volumetric Rate	\$ 0.0109	2000	\$ 21.80	\$ 0.0110	2000	\$ 22.00	\$ 0.20	0.92%
Fixed Rate Riders	\$ 0.41	1	\$ 0.41	\$ 0.41	1	\$ 0.41	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0001	2000	\$ 0.20	\$ 0.0009	2000	\$ 1.80	\$ 1.60	800.00%
Sub-Total A (excluding pass through)			\$ 55.00			\$ 57.09	\$ 2.09	3.80%
Line Losses on Cost of Power	\$ 0.0820	63	\$ 5.17	\$ 0.0820	63	\$ 5.17	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0008	2,000	\$ (1.60)	\$ -	2,000	\$ -	\$ 1.60	-100.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Volumetric Rate Riders (Sheet 18)		2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 59.14			\$ 62.83	\$ 3.69	6.24%
RTSR - Network	\$ 0.0046	2,063	\$ 9.49	\$ 0.0045	2,063	\$ 9.28	\$ (0.21)	-2.17%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0042	2,063	\$ 8.66	\$ 0.0041	2,063	\$ 8.46	\$ (0.21)	-2.38%
Sub-Total C - Delivery (including Sub-Total B)			\$ 77.29			\$ 80.57	\$ 3.28	4.24%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,063	\$ 7.43	\$ 0.0036	2,063	\$ 7.43	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,063	\$ 0.62	\$ 0.0003	2,063	\$ 0.62	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Ontario Electricity Support Program (OESP)								
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 249.57			\$ 252.84	\$ 3.28	1.31%
HST	13%		\$ 32.44	13%		\$ 32.87	\$ 0.43	1.31%
8% Rebate	8%		\$ (19.97)	8%		\$ (20.23)	\$ (0.26)	
Total Bill on TOU			\$ 262.04			\$ 265.49	\$ 3.44	1.31%

Customer Class: **GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**

RPP / Non-RPP: **Non-RPP (Other)**

Consumption **1,095,000** kWh

Demand **2,500** kW

Current Loss Factor **1.0315**

Proposed/Approved Loss Factor **1.0315**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 159.20	1	\$ 159.20	\$ 160.63	1	\$ 160.63	\$ 1.43	0.90%
Distribution Volumetric Rate	\$ 2.7488	2500	\$ 6,872.00	\$ 2.7735	2500	\$ 6,933.75	\$ 61.75	0.90%
Fixed Rate Riders	\$ 2.01	1	\$ 2.01	\$ 2.01	1	\$ 2.01	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0347	2500	\$ 86.75	\$ 0.0936	2500	\$ 234.00	\$ 147.25	169.74%
Sub-Total A (excluding pass through)			\$ 7,119.96			\$ 7,330.39	\$ 210.43	2.96%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.3324	2,500	\$ (831.00)	\$ -	2,500	\$ -	\$ 831.00	-100.00%
CBR Class B Rate Riders	\$ -	2,500	\$ -	\$ -	2,500	\$ -	\$ -	
GA Rate Riders	-\$ 0.0009	1,095,000	\$ (985.50)	\$ -	1,095,000	\$ -	\$ 985.50	-100.00%
Low Voltage Service Charge	\$ -	2,500	\$ -	\$ -	2,500	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders		1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		2,500	\$ -	\$ -	2,500	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 5,303.46			\$ 7,330.39	\$ 2,026.93	38.22%
RTSR - Network	\$ 2.0701	2,500	\$ 5,175.25	\$ 2.0440	2,500	\$ 5,110.00	\$ (65.25)	-1.26%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.1256	2,500	\$ 5,314.00	\$ 2.0719	2,500	\$ 5,179.75	\$ (134.25)	-2.53%
Sub-Total C - Delivery (including Sub-Total B)			\$ 15,792.71			\$ 17,620.14	\$ 1,827.43	11.57%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	1,129,493	\$ 4,066.17	\$ 0.0036	1,129,493	\$ 4,066.17	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	1,129,493	\$ 338.85	\$ 0.0003	1,129,493	\$ 338.85	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		1,095,000	\$ -		1,095,000	\$ -	\$ -	
Ontario Electricity Support Program (OESP)								
TOU - Off Peak	\$ 0.0650	734,170	\$ 47,721.06	\$ 0.0650	734,170	\$ 47,721.06	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	192,014	\$ 18,049.29	\$ 0.0940	192,014	\$ 18,049.29	\$ -	0.00%
TOU - On Peak	\$ 0.1320	203,309	\$ 26,836.74	\$ 0.1320	203,309	\$ 26,836.74	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1101	1,129,493	\$ 124,357.12	\$ 0.1101	1,129,493	\$ 124,357.12	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	1,129,493	\$ 124,357.12	\$ 0.1101	1,129,493	\$ 124,357.12	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 144,555.11			\$ 146,382.54	\$ 1,827.43	1.26%
HST	13%		\$ 18,792.16	13%		\$ 19,029.73	\$ 237.57	1.26%
8% Rebate	8%		\$ -	8%		\$ -	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 163,347.27			\$ 165,412.26	\$ 2,065.00	1.26%

Customer Class: **GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION**

RPP / Non-RPP: **Non-RPP (Other)**

Consumption **1,095,000** kWh

Demand **2,500** kW

Current Loss Factor **1.0315**

Proposed/Approved Loss Factor **1.0315**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2,173.50	1	\$ 2,173.50	\$ 2,193.06	1	\$ 2,193.06	\$ 19.56	0.90%
Distribution Volumetric Rate	\$ 3.7968	2500	\$ 9,492.00	\$ 3.8310	2500	\$ 9,577.50	\$ 85.50	0.90%
Fixed Rate Riders	\$ 27.46	1	\$ 27.46	\$ 27.46	1	\$ 27.46	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0480	2500	\$ 120.00	\$ 0.1566	2500	\$ 391.50	\$ 271.50	226.25%
Sub-Total A (excluding pass through)			\$ 11,812.96			\$ 12,189.52	\$ 376.56	3.19%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.1704	2,500	\$ (426.00)	\$ -	2,500	\$ -	\$ 426.00	-100.00%
CBR Class B Rate Riders	\$ -	2,500	\$ -	\$ -	2,500	\$ -	\$ -	
GA Rate Riders	-\$ 0.0009	1,095,000	\$ (985.50)	\$ -	1,095,000	\$ -	\$ 985.50	-100.00%
Low Voltage Service Charge	\$ -	2,500	\$ -	\$ -	2,500	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		2,500	\$ -	\$ -	2,500	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 10,401.46			\$ 12,189.52	\$ 1,788.06	17.19%
RTSR - Network	\$ 2.3899	2,500	\$ 5,974.75	\$ 2.3597	2,500	\$ 5,899.25	\$ (75.50)	-1.26%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.2484	2,500	\$ 5,621.00	\$ 2.1916	2,500	\$ 5,479.00	\$ (142.00)	-2.53%
Sub-Total C - Delivery (including Sub-Total B)			\$ 21,997.21			\$ 23,567.77	\$ 1,570.56	7.14%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	1,129,493	\$ 4,066.17	\$ 0.0036	1,129,493	\$ 4,066.17	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	1,129,493	\$ 338.85	\$ 0.0003	1,129,493	\$ 338.85	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		1,095,000	\$ -		1,095,000	\$ -	\$ -	
Ontario Electricity Support Program (OESP)								
TOU - Off Peak	\$ 0.0650	734,170	\$ 47,721.06	\$ 0.0650	734,170	\$ 47,721.06	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	192,014	\$ 18,049.29	\$ 0.0940	192,014	\$ 18,049.29	\$ -	0.00%
TOU - On Peak	\$ 0.1320	203,309	\$ 26,836.74	\$ 0.1320	203,309	\$ 26,836.74	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1101	1,129,493	\$ 124,357.12	\$ 0.1101	1,129,493	\$ 124,357.12	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	1,129,493	\$ 124,357.12	\$ 0.1101	1,129,493	\$ 124,357.12	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 150,759.61			\$ 152,330.17	\$ 1,570.56	1.04%
HST	13%		\$ 19,598.75	13%		\$ 19,802.92	\$ 204.17	1.04%
8% Rebate	8%		\$ -	8%		\$ -	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 170,358.35			\$ 172,133.09	\$ 1,774.73	1.04%

Customer Class: **LARGE USE SERVICE CLASSIFICATION**

RPP / Non-RPP: **Non-RPP (Other)**

Consumption **5,600,000** kWh

Demand **10,700** kW

Current Loss Factor **1.0146**

Proposed/Approved Loss Factor **1.0146**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 20,499.65	1	\$ 20,499.65	\$ 20,684.15	1	\$ 20,684.15	\$ 184.50	0.90%
Distribution Volumetric Rate	\$ 2.2876	10700	\$ 24,477.32	\$ 2.3082	10700	\$ 24,697.74	\$ 220.42	0.90%
Fixed Rate Riders	\$ 258.98	1	\$ 258.98	\$ 258.98	1	\$ 258.98	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0289	10700	\$ 309.23	\$ 0.0226	10700	\$ (241.82)	\$ (551.05)	-178.20%
Sub-Total A (excluding pass through)			\$ 45,545.18			\$ 45,399.05	\$ (146.13)	-0.32%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.4309	10,700	\$ (4,610.63)	\$ -	10,700	\$ -	\$ 4,610.63	-100.00%
CBR Class B Rate Riders	\$ -	10,700	\$ -	\$ -	10,700	\$ -	\$ -	
GA Rate Riders	-\$ 0.0009	5,600,000	\$ (5,040.00)	\$ -	5,600,000	\$ -	\$ 5,040.00	-100.00%
Low Voltage Service Charge	\$ -	10,700	\$ -	\$ -	10,700	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders		1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		10,700	\$ -	\$ -	10,700	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 35,894.55			\$ 45,399.05	\$ 9,504.50	26.48%
RTSR - Network	\$ 2.1206	10,700	\$ 22,690.42	\$ 2.0938	10,700	\$ 22,403.66	\$ (286.76)	-1.26%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.1256	10,700	\$ 22,743.92	\$ 2.0719	10,700	\$ 22,169.33	\$ (574.59)	-2.53%
Sub-Total C - Delivery (including Sub-Total B)			\$ 81,328.89			\$ 89,972.04	\$ 8,643.15	10.63%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	5,681,760	\$ 20,454.34	\$ 0.0036	5,681,760	\$ 20,454.34	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	5,681,760	\$ 1,704.53	\$ 0.0003	5,681,760	\$ 1,704.53	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		5,600,000	\$ -		5,600,000	\$ -	\$ -	
Ontario Electricity Support Program (OESP)								
TOU - Off Peak	\$ 0.0650	3,693,144	\$ 240,054.36	\$ 0.0650	3,693,144	\$ 240,054.36	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	965,899	\$ 90,794.52	\$ 0.0940	965,899	\$ 90,794.52	\$ -	0.00%
TOU - On Peak	\$ 0.1320	1,022,717	\$ 134,998.62	\$ 0.1320	1,022,717	\$ 134,998.62	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1101	5,681,760	\$ 625,561.78	\$ 0.1101	5,681,760	\$ 625,561.78	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	5,681,760	\$ 625,561.78	\$ 0.1101	5,681,760	\$ 625,561.78	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 729,049.78			\$ 737,692.93	\$ 8,643.15	1.19%
HST	13%		\$ 94,776.47	13%		\$ 95,900.08	\$ 1,123.61	1.19%
8% Rebate	8%		\$ -	8%		\$ -	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 823,826.25			\$ 833,593.01	\$ 9,766.76	1.19%

Customer Class: **STREET LIGHTING SERVICE CLASSIFICATION**

RPP / Non-RPP: **Non-RPP (Other)**

Consumption **256** kWh

Demand **1** kW

Current Loss Factor **1.0315**

Proposed/Approved Loss Factor **1.0315**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.66	1	\$ 1.66	\$ 1.67	1	\$ 1.67	\$ 0.01	0.60%
Distribution Volumetric Rate	\$ 8.2935	0.5	\$ 4.15	\$ 8.3681	0.5	\$ 4.18	\$ 0.04	0.90%
Fixed Rate Riders	\$ 0.02	1	\$ 0.02	\$ 0.02	1	\$ 0.02	\$ -	0.00%
Volumetric Rate Riders	\$ 0.1048	0.5	\$ 0.05	\$ 0.0341	0.5	\$ (0.02)	\$ (0.07)	-132.54%
Sub-Total A (excluding pass through)			\$ 5.88			\$ 5.86	\$ (0.02)	-0.38%
Line Losses on Cost of Power	\$ 0.1101	8	\$ 0.89	\$ 0.1101	8	\$ 0.89	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.3025	1	\$ (0.15)	\$ -	1	\$ -	\$ 0.15	-100.00%
CBR Class B Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
GA Rate Riders	-\$ 0.0009	256	\$ (0.23)	\$ -	256	\$ -	\$ 0.23	-100.00%
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 6.39			\$ 6.74	\$ 0.36	5.63%
RTSR - Network	\$ 1.4214	1	\$ 0.71	\$ 1.4035	1	\$ 0.70	\$ (0.01)	-1.26%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3431	1	\$ 0.67	\$ 1.3092	1	\$ 0.65	\$ (0.02)	-2.52%
Sub-Total C - Delivery (including Sub-Total B)			\$ 7.77			\$ 8.10	\$ 0.33	4.29%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	264	\$ 0.95	\$ 0.0036	264	\$ 0.95	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	264	\$ 0.08	\$ 0.0003	264	\$ 0.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		256	\$ -		256	\$ -	\$ -	
Ontario Electricity Support Program (OESP)								
TOU - Off Peak	\$ 0.0650	166	\$ 10.82	\$ 0.0650	166	\$ 10.82	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	44	\$ 4.09	\$ 0.0940	44	\$ 4.09	\$ -	0.00%
TOU - On Peak	\$ 0.1320	46	\$ 6.08	\$ 0.1320	46	\$ 6.08	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1101	256	\$ 28.19	\$ 0.1101	256	\$ 28.19	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	256	\$ 28.19	\$ 0.1101	256	\$ 28.19	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 37.23			\$ 37.57	\$ 0.33	0.90%
HST	13%		\$ 4.84	13%		\$ 4.88	\$ 0.04	0.90%
8% Rebate	8%		\$ -	8%		\$ -	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 42.07			\$ 42.45	\$ 0.38	0.90%

Customer Class: **SENTINEL LIGHTING SERVICE CLASSIFICATION**

RPP / Non-RPP: **Non-RPP (Other)**

Consumption **180** kWh

Demand **0** kW

Current Loss Factor **1.0315**

Proposed/Approved Loss Factor **1.0315**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.67	1	\$ 4.67	\$ 4.71	1	\$ 4.71	\$ 0.04	0.86%
Distribution Volumetric Rate	\$ 15.3774	0.1	\$ 1.54	\$ 15.5158	0.1	\$ 1.55	\$ 0.01	0.90%
Fixed Rate Riders	\$ 0.06	1	\$ 0.06	\$ 0.06	1	\$ 0.06	\$ -	0.00%
Volumetric Rate Riders	\$ 0.1943	0.1	\$ 0.02	\$ 0.0127	0.1	\$ (0.00)	\$ (0.02)	-106.54%
Sub-Total A (excluding pass through)			\$ 6.29			\$ 6.32	\$ 0.03	0.53%
Line Losses on Cost of Power	\$ 0.1101	6	\$ 0.62	\$ 0.1101	6	\$ 0.62	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.3080	0	\$ (0.03)	\$ -	0	\$ -	\$ 0.03	-100.00%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
GA Rate Riders	-\$ 0.0009	180	\$ (0.16)	\$ -	180	\$ -	\$ 0.16	-100.00%
Low Voltage Service Charge	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		0	\$ -	\$ -	0	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 6.72			\$ 6.94	\$ 0.23	3.36%
RTSR - Network	\$ 1.4233	0	\$ 0.14	\$ 1.4053	0	\$ 0.14	\$ (0.00)	-1.26%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3450	0	\$ 0.13	\$ 1.3110	0	\$ 0.13	\$ (0.00)	-2.53%
Sub-Total C - Delivery (including Sub-Total B)			\$ 7.00			\$ 7.22	\$ 0.22	3.16%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	186	\$ 0.67	\$ 0.0036	186	\$ 0.67	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	186	\$ 0.06	\$ 0.0003	186	\$ 0.06	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		180	\$ -		180	\$ -	\$ -	
Ontario Electricity Support Program (OESP)								
TOU - Off Peak	\$ 0.0650	117	\$ 7.61	\$ 0.0650	117	\$ 7.61	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	31	\$ 2.88	\$ 0.0940	31	\$ 2.88	\$ -	0.00%
TOU - On Peak	\$ 0.1320	32	\$ 4.28	\$ 0.1320	32	\$ 4.28	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1101	180	\$ 19.82	\$ 0.1101	180	\$ 19.82	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	180	\$ 19.82	\$ 0.1101	180	\$ 19.82	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 27.79			\$ 28.01	\$ 0.22	0.79%
HST	13%		\$ 3.61	13%		\$ 3.64	\$ 0.03	0.79%
8% Rebate	8%		\$ -	8%		\$ -	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 31.40			\$ 31.65	\$ 0.25	0.79%

Customer Class: **UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

RPP / Non-RPP: RPP

Consumption 2,000 kWh

Demand - kW

Current Loss Factor 1.0315

Proposed/Approved Loss Factor 1.0315

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2.34	1	\$ 2.34	\$ 2.36	1	\$ 2.36	\$ 0.02	0.85%
Distribution Volumetric Rate	\$ 0.0202	2000	\$ 40.40	\$ 0.0204	2000	\$ 40.80	\$ 0.40	0.99%
Fixed Rate Riders	\$ 0.03	1	\$ 0.03	\$ 0.03	1	\$ 0.03	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0003	2000	\$ 0.60	\$ 0.0001	2000	\$ 0.20	\$ (0.40)	-66.67%
Sub-Total A (excluding pass through)			\$ 43.37			\$ 43.39	\$ 0.02	0.05%
Line Losses on Cost of Power	\$ 0.0820	63	\$ 5.17	\$ 0.0820	63	\$ 5.17	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0008	2,000	\$ (1.60)	\$ -	2,000	\$ -	\$ 1.60	-100.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 46.94			\$ 48.56	\$ 1.62	3.45%
RTSR - Network	\$ 0.0046	2,063	\$ 9.49	\$ 0.0045	2,063	\$ 9.28	\$ (0.21)	-2.17%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0042	2,063	\$ 8.66	\$ 0.0041	2,063	\$ 8.46	\$ (0.21)	-2.38%
Sub-Total C - Delivery (including Sub-Total B)			\$ 65.09			\$ 66.30	\$ 1.21	1.85%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,063	\$ 7.43	\$ 0.0036	2,063	\$ 7.43	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,063	\$ 0.62	\$ 0.0003	2,063	\$ 0.62	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		2,000	\$ -		2,000	\$ -	\$ -	
Ontario Electricity Support Program (OESP)								
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 237.37			\$ 238.57	\$ 1.21	0.51%
HST	13%		\$ 30.86	13%		\$ 31.01	\$ 0.16	0.51%
8% Rebate	8%		\$ -	8%		\$ -	\$ -	
Total Bill on TOU			\$ 268.22			\$ 269.59	\$ 1.36	0.51%

Attachment E

2019 IRM Rate Generator Model

Incentive Regulation Model for 2019 Filers


Quick Link

Ontario Energy Board's 2019 Electricity
Distribution Rates Webpage

Version 2.0

Utility Name	London Hydro Inc.
Assigned EB Number	EB-2018-0051
Name of Contact and Title	Judith Nagy, Supervising Regulatory Advisor
Phone Number	519-661-5800 Ext 5587
Email Address	nagyj@londonhydro.com
We are applying for rates effective	Wednesday, May 01, 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	2017

Legend

 Pale green cells represent input cells.



Incentive Regulation Model for 2019 File

London Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0059

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk meter) shall be classified as General Service. Where electricity service is provided to combined residential and business (including agricultural) usage and the wiring does not provide for separate metering, the classification shall be at the discretion of London Hydro and should be based on such considerations as the estimated predominant consumption. Non IESO generation accounts, primarily net-metered accounts taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation shall be classified as residential. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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	\$	22.17
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.31
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0041
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0049
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

MONTHLY RATES AND CHARGES - Regulatory Component

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



Incentive Regulation Model for 2019 File

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 maximum demand is less than, or is forecast to be less than, 50 kW. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk meter) shall be classified as General Service. Where electricity service is provided to combined residential and business (including agricultural) usage and the wiring does not provide for separate metering, the classification shall be at the discretion of London Hydro and should be based on such considerations as the estimated predominant consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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	\$	32.59
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.41
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0109
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0008)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042

MONTHLY RATES AND CHARGES - Regulatory Component

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



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GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the determination of the billing demand and the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 199 kW non-interval metered

General Service 50 to 4,999 kW interval metered.

Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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 wholesale market participants (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	\$	159.20
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	2.01
Distribution Volumetric Rate	\$/kW	2.7488
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3435)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	0.0111
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0347
Retail Transmission Rate - Network Service Rate	\$/kW	1.6143
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5254
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.0701
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1256

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kW	0.0004



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Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE

Embedded generation, co-generation or load displacement customers have the option to reserve demand capacity on the London Hydro distribution system for import load through mutual agreement/contract. For the embedded generation customers with a gross peak demand annual average of less than 1,000 kW and equal to or greater than 50 kW per month, the General Service 50 to 4,999 kW distribution rates will be applied, as long as there is no requirement for reserve capacity from the customer. For the embedded generation customers with a gross peak demand annual average of less than 50 kW per month, the General Service Less Than 50 kW distribution rates will be applied, as long as there is no requirement for reserve capacity from the customer. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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 wholesale market participants (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	\$	2,173.50
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	27.46
Distribution Volumetric Rate is applied to billed demand in excess of contracted amount (e.g. nameplate rating of the generation facility)	\$/kW	3.7968
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.1704)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0480
Retail Transmission Rate - Network Service Rate	\$/kW	2.3899
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2484

MONTHLY RATES AND CHARGES - Regulatory Component

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



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STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires London Hydro to provide backup service. The distribution Standby Power rate will be applied to all monthly kW's reserved. Further servicing details are available in London Hydro'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.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (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

Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0396
Standby Charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	\$/kW	3.1360
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.1704)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)



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LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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 wholesale market participants (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	\$	20,499.65
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	258.98
Distribution Volumetric Rate	\$/kW	2.2876
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.0289
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.4309)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.1206
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1256

MONTHLY RATES AND CHARGES - Regulatory Component

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



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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, 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. Further servicing details are available in London Hydro'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)	\$	1.66
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.02
Distribution Volumetric Rate	\$/kW	8.2935
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3025)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.1048
Retail Transmission Rate - Network Service Rate	\$/kW	1.4214
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3431

MONTHLY RATES AND CHARGES - Regulatory Component

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



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SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in London Hydro'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)	\$	4.67
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.06
Distribution Volumetric Rate	\$/kW	15.3774
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3080)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kW	0.1943
Retail Transmission Rate - Network Service Rate	\$/kW	1.4233
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3450

MONTHLY RATES AND CHARGES - Regulatory Component

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



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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum 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 level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro'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)	\$	2.34
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$	0.03
Distribution Volumetric Rate	\$/kWh	0.0202
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0008)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042

MONTHLY RATES AND CHARGES - Regulatory Component

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



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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 London Hydro'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
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & 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

Easement letter	\$	15.00
Special meter reads	\$	30.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Cellular meter read charge	\$	30.00

NON-PAYMENT OF ACCOUNT

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	10.00
Disconnect/reconnect at meter - during regular hours	\$	35.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00

OTHER

Meter interrogation charge	\$	5.50
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Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00
Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00

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	1.0315
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0146
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0212
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

Incentive Regulation Model for 2019 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

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. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, for Account 1595 (2015), data should be inputted starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

		2012									
Account Descriptions	Account Number	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	OEB-Approved Disposition during 2012	Interest Adjustments ¹ during 2012	Closing Interest Amounts as of Dec 31, 2012
Group 1 Accounts											
LV Variance Account	1550					0					0
Smart Metering Entity Charge Variance Account	1551					0					0
RSVA - Wholesale Market Service Charge ⁵	1580					0					0
Variance WMS – Sub-account CBR Class A ⁵	1580					0					0
Variance WMS – Sub-account CBR Class B ⁵	1580					0					0
RSVA - Retail Transmission Network Charge	1584					0					0
RSVA - Retail Transmission Connection Charge	1586					0					0
RSVA - Power ⁴	1588					0					0
RSVA - Global Adjustment ⁴	1589					0					0
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595					0					0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	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	0	0	0

Incentive Regulation Model for 2019 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

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. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, for Account 1595 (2015), data should be inputted starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

		2013									
Account Descriptions	Account Number	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
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B ⁵	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power ⁴	1588	0				0	0				0
RSVA - Global Adjustment ⁴	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0					0
Total including Account 1568		0	0	0	0	0	0	0	0	0	0

Incentive Regulation Model for 2019 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

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. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, for Account 1595 (2015), data should be inputted starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

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

Incentive Regulation Model for 2019 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

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. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, for Account 1595 (2015), data should be inputted starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

		2015									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit / (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments ¹ during 2015	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
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0			55,739	55,739	0			3,275	3,275
RSVA - Wholesale Market Service Charge ⁵	1580	0			(14,410,171)	(14,410,171)	0			(334,119)	(334,119)
Variance WMS – Sub-account CBR Class A ⁵	1580	0			46,059	46,059	0			146	146
Variance WMS – Sub-account CBR Class B ⁵	1580	0			816,554	816,554	0			2,724	2,724
RSVA - Retail Transmission Network Charge	1584	0			2,079,430	2,079,430	0			80,110	80,110
RSVA - Retail Transmission Connection Charge	1586	0			932,071	932,071	0			47,042	47,042
RSVA - Power ⁴	1588	0			(839,599)	(839,599)	0			9,664	9,664
RSVA - Global Adjustment ⁴	1589	0			9,128,825	9,128,825	0			136,429	136,429
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	9,128,825	9,128,825	0	0	0	136,429	136,429
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	(11,319,916)	(11,319,916)	0	0	0	(191,159)	(191,159)
Total Group 1 Balance		0	0	0	(2,191,091)	(2,191,091)	0	0	0	(54,729)	(54,729)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0			441,153	441,153	0			1,807	1,807
Total including Account 1568		0	0	0	(1,749,938)	(1,749,938)	0	0	0	(52,923)	(52,923)

Incentive Regulation Model for 2019 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

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. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, for Account 1595 (2015), data should be inputted starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

		2016									
Account Descriptions	Account Number	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	Interest Adjustments ¹ during 2016	Closing Interest Amounts as of Dec 31, 2016
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	55,739	(23,295)	80,290		(47,846)	3,275	(88)	3,688		(501)
RSVA - Wholesale Market Service Charge ⁵	1580	(14,410,171)	(2,979,756)	(7,310,725)		(10,079,202)	(334,119)	(122,118)	(334,430)		(121,807)
Variance WMS – Sub-account CBR Class A ⁵	1580	46,059	(46,244)			(185)	146	(146)			(0)
Variance WMS – Sub-account CBR Class B ⁵	1580	816,554	(130,012)			686,542	2,724	7,782			10,507
RSVA - Retail Transmission Network Charge	1584	2,079,430	240,008	2,306,449		12,989	80,110	7,276	90,691		(3,305)
RSVA - Retail Transmission Connection Charge	1586	932,071	(154,400)	1,492,407		(714,736)	47,042	790	54,283		(6,451)
RSVA - Power ⁴	1588	(839,599)	292,663	(467,081)		(79,854)	9,664	(4,576)	2,326		2,762
RSVA - Global Adjustment ⁴	1589	9,128,825	(1,365,673)	9,622,288		(1,859,136)	136,429	44,223	204,142		(23,490)
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	(3,452,802)	(5,146,404)		1,693,602	0	25,555	(259,389)		284,944
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	9,128,825	(1,365,673)	9,622,288	0	(1,859,136)	136,429	44,223	204,142	0	(23,490)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(11,319,916)	(6,253,839)	(9,045,064)	0	(8,528,691)	(191,159)	(85,525)	(442,832)	0	166,149
Total Group 1 Balance		(2,191,091)	(7,619,512)	577,224	0	(10,387,826)	(54,729)	(41,302)	(238,690)	0	142,659
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	441,153	690,916			1,132,068	1,807	8,336			10,143
Total including Account 1568		(1,749,938)	(6,928,596)	577,224	0	(9,255,758)	(52,923)	(32,966)	(238,690)	0	152,802

Incentive Regulation Model for 2019 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

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. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, for Account 1595 (2015), data should be inputted starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

		2017									
Account Descriptions	Account Number	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
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	(47,846)	(24,854)	(24,551)		(48,150)	(501)	(508)	(480)		(528)
RSVA - Wholesale Market Service Charge ⁵	1580	(10,079,202)	(3,111,901)	(7,099,446)		(6,091,658)	(121,807)	(76,659)	(130,044)		(68,422)
Variance WMS – Sub-account CBR Class A ⁵	1580	(185)	(0)			(185)	(0)	(2)			(2)
Variance WMS – Sub-account CBR Class B ⁵	1580	686,542	(27,798)	816,554		(157,810)	10,507	1,191	14,659		(2,962)
RSVA - Retail Transmission Network Charge	1584	12,989	796,777	(227,019)		1,036,784	(3,305)	7,850	(5,511)		10,057
RSVA - Retail Transmission Connection Charge	1586	(714,736)	(769,471)	(560,336)		(923,871)	(6,451)	(5,099)	(10,003)		(1,546)
RSVA - Power ⁴	1588	(79,854)	(755,160)	(372,517)		(462,497)	2,762	1,864	194		4,431
RSVA - Global Adjustment ⁴	1589	(1,859,136)	2,901,221	(493,463)		1,535,549	(23,490)	31,909	(39,933)		48,352
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	1,693,602	(1,587,537)			106,065	284,944	(485,893)			(200,949)
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0	4,036,014	6,948,407		(2,912,393)	0	(52,777)	92,107		(144,884)
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	(1,859,136)	2,901,221	(493,463)	0	1,535,549	(23,490)	31,909	(39,933)	0	48,352
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(8,528,691)	(1,443,932)	(518,908)	0	(9,453,715)	166,149	(610,032)	(39,078)	0	(404,805)
Total Group 1 Balance		(10,387,826)	1,457,290	(1,012,371)	0	(7,918,166)	142,659	(578,123)	(79,011)	0	(356,453)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	1,132,068	629,371	441,153		1,320,287	10,143	13,919	8,277		15,784
Total including Account 1568		(9,255,758)	2,086,661	(571,218)	0	(6,597,879)	152,802	(564,204)	(70,734)	0	(340,669)

Incentive Regulation Model for 2019 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

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. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, for Account 1595 (2015), data should be inputted starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

If you had any Class A customers at any point during the period that the Account 1589 GA balance accumulated (i.e. from the year the balance was last disposed to 2017), check off the checkbox.

If you had Class A customer(s) during this period, Tab 6 will be generated and applicants must complete the information pertaining to Class A customers.

If you had any customers classified as Class A at any point during the period where Account 1580, sub-account CBR Class B balance accumulated (i.e. 2017 or 2017 to 2016 or 2015 to 2017), check off the checkbox.

If you had Class A customer(s) during this period, Tab 6.2 will be generated. Account 1580, sub-account CBR Class B will be disposed through a separate rate rider calculated in Tab 6.2.

If you only had Class B customers during this period, the balance in 1580 sub-account CBR Class B will be allocated and disposed with Account 1580 WMS.

Account Descriptions	Account Number	2018				Projected Interest on Dec-31-17 Balances				2.1.7 RRR	Variance RRR vs. 2017 Balance (Principal + Interest)	
		Principal Disposition during 2018 - instructed by OEB	Interest Disposition during 2018 - instructed by OEB	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		
Group 1 Accounts												
LV Variance Account	1550			0	0			0	0	0	0	0
Smart Metering Entity Charge Variance Account	1551	(23,295)	(504)	(24,854)	(24)	(586)	(177)	(787)	(25,641)	(48,678)	(0)	(0)
RSVA - Wholesale Market Service Charge ⁵	1580	(2,979,756)	(67,914)	(3,111,901)	(508)	(73,668)	(22,201)	(96,377)	(3,208,278)	(6,321,039)	(160,960)	(160,960)
Variance WMS – Sub-account CBR Class A ⁵	1580			(185)	(2)	(3)	(1)	(7)	0	(187)	0	0
Variance WMS – Sub-account CBR Class B ⁵	1580	(1,247)	(33)	(156,564)	(2,929)	(2,926)	(1,117)	(6,972)	(163,535)	(160,772)	0	0
RSVA - Retail Transmission Network Charge	1584	240,008	5,451	796,777	4,605	16,116	5,684	26,405	823,182	1,046,841	0	0
RSVA - Retail Transmission Connection Charge	1586	(154,400)	(1,089)	(769,471)	(457)	(15,157)	(5,490)	(21,104)	(790,575)	(925,417)	(0)	(0)
RSVA - Power ⁴	1588	292,663	6,178	(755,160)	(1,746)	(12,542)	(5,388)	(19,676)	(774,836)	(458,065)	1	1
RSVA - Global Adjustment ⁴	1589	(1,365,673)	(8,475)	2,901,221	56,828	46,918	20,698	124,444	3,025,665	1,584,363	462	462
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595			0	0			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595			0	0			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595			0	0			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595			0	0			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595			106,065	(200,949)	1,977	757	(198,215) <input checked="" type="checkbox"/> Check to Dispose	(92,150)	(94,884)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595			(2,912,393)	(144,884)	(54,299)	(20,778)	(219,960) <input type="checkbox"/> Check to Dispose	0	(3,057,277)	(0)	(0)
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595			0	0			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0	0
RSVA - Global Adjustment	1589	(1,365,673)	(8,475)	2,901,221	56,828	46,918	20,698	124,444	3,025,665	1,584,363	462	462
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(2,626,027)	(57,911)	(6,827,687)	(346,894)	(141,088)	(48,710)	(536,693)	(4,231,834)	(9,858,519)	1	1
Total Group 1 Balance		(3,991,700)	(66,386)	(3,926,466)	(290,066)	(94,170)	(28,012)	(412,249)	(1,206,169)	(8,274,156)	463	463
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			1,320,287	15,784	24,590	9,550	49,925	1,370,211	1,336,071	0	0
Total including Account 1568		(3,991,700)	(66,386)	(2,606,179)	(274,282)	(69,580)	(18,462)	(362,324)	164,042	(6,938,085)	463	463

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

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	1,041,232,119	0	38,985,113	0	0	0	1,041,232,119	0	-20%	337,397	143,018
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	384,261,420	0	60,126,271	0	0	0	384,261,420	0	-3%	309,873	12,543
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	1,456,743,101	3,725,836	1,328,639,608	3,371,415	0	29978	1,456,743,101	3,695,858	126%	219,630	
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kW	14,494,414	73,628	14,494,414	73,628	0	0	14,494,414	73,628	0%	7,998	
STANDBY POWER SERVICE CLASSIFICATION	kW	30,474,049	154,800	30,474,049	154,800	0	0	30,474,049	154,800	-1%	16,816	
LARGE USE SERVICE CLASSIFICATION	kW	117,005,431	227,574	117,005,431	227,574	0	0	117,005,431	227,574	-5%	-11,710	
STREET LIGHTING SERVICE CLASSIFICATION	kW	20,022,458	56,255	20,022,458	56,255	0	0	20,022,458	56,255	3%	-7,813	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	592,608	1,611	12,625	34	0	0	592,608	1,611	0%	-333	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,549,550	0	0	0	0	0	5,549,550	0	0%	-1,228	
Total		3,070,375,150	4,239,704	1,609,759,969	3,883,706	0	29,978	3,070,375,150	4,209,726	100%	870,631	155,561

Threshold Test

Total Claim (including Account 1568) \$164,042

Total Claim for Threshold Test (All Group 1 Accounts) (\$1,206,169)

Threshold Test (Total claim per kWh) ² (\$0.0004) Claim does not meet the threshold test.

1568 Account Balance from Continuity Schedule	1,370,211
Total Balance of Account 1568 in Column S DOES NOT MATCH the amount entered on the Continuity Schedule	

As per section 6.2.3 of the 2019 Filing Requirements for Electricity Distribution Rate Applications, an applicant may elect to dispose of the Group 1 account balances below the threshold. If doing so, please select YES from the adjacent drop-down cell and also indicate so in the Manager's Summary. If not, please select NO.

NO

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.

Incentive Regulation Model for 2019 Filers

No input required. This worksheet 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	allocated based on Total less WMP			allocated based on Total less WMP					
				1550	1551	1580	1584	1586	1588	1595_(2016)	1568	
RESIDENTIAL SERVICE CLASSIFICATION	33.9%	91.9%	33.9%									337,397
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	12.5%	8.1%	12.5%									309,873
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	47.4%	0.0%	47.4%									219,630
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	0.5%	0.0%	0.5%									7,998
STANDBY POWER SERVICE CLASSIFICATION	1.0%	0.0%	1.0%									16,816
LARGE USE SERVICE CLASSIFICATION	3.8%	0.0%	3.8%									(11,710)
STREET LIGHTING SERVICE CLASSIFICATION	0.7%	0.0%	0.7%									(7,813)
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%									(333)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%									(1,228)
Total	100.0%	100.0%	100.0%	0	0	0	0	0	0	0	0	870,631

** Used to allocate Account 1551 as this account records the variances arising from the Smart Metering Entity Charges to Residential and GS<50 customers.

Incentive Regulation Model for 2019 Filers

Input required at cells C13 and C14. This worksheet 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	Revenue Reconciliation ¹
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,041,232,119	0	1,041,232,119	0	0		0.0000	0.0000	0.0003	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	384,261,420	0	384,261,420	0	0		0.0000	0.0000	0.0008	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	1,456,743,101	3,725,836	1,456,743,101	3,695,858	0		0.0000	0.0000	0.0589	
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kW	14,494,414	73,628	14,494,414	73,628	0		0.0000	0.0000	0.1086	
STANDBY POWER SERVICE CLASSIFICATION	kW	30,474,049	154,800	30,474,049	154,800	0		0.0000	0.0000	0.1086	
LARGE USE SERVICE CLASSIFICATION	kW	117,005,431	227,574	117,005,431	227,574	0		0.0000	0.0000	(0.0515)	
STREET LIGHTING SERVICE CLASSIFICATION	kW	20,022,458	56,255	20,022,458	56,255	0		0.0000	0.0000	(0.1389)	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	592,608	1,611	592,608	1,611	0		0.0000	0.0000	(0.2070)	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,549,550	0	5,549,550	0	0		0.0000	0.0000	(0.0002)	
											0.00

¹ When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class B will not be taken into consideration if there are Class A customers since the rate riders, if any, are calculated separately.

² Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column G and disposed through a combined Deferral/Variance Account and Rate Rider.



Incentive Regulation Model for 2019 Filers

Summary - Sharing of Tax Change Forecast Amounts

For the 2017 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

391,600

1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2017	2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	299,568,786	\$ 299,568,786
Deduction from taxable capital up to \$15,000,000	\$ 15,000,000	\$ 15,000,000
Net Taxable Capital	\$ 284,568,786	\$ 284,568,786
Rate		0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -

2. Tax Related Amounts Forecast from Income Tax Rate Changes

Regulatory Taxable Income	\$ 4,201,537	\$ 4,201,537
Corporate Tax Rate	26.50%	26.50%
Tax Impact	\$ 721,807	\$ 721,807
Grossed-up Tax Amount	\$ 982,050	\$ 982,051
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 982,050	\$ 982,051
Total Tax Related Amounts	\$ 982,050	\$ 982,051
Incremental Tax Savings		\$ 1
Sharing of Tax Amount (50%)		\$ 0

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							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STANDBY POWER SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
LARGE USE SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh							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	1,041,232,119		0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	384,261,420		0	0.0000 kWh
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kW	1,456,743,101	3,725,836	0	0.0000 kW
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kW	14,494,414	73,628	0	0.0000 kW
STANDBY POWER SERVICE CLASSIFICATION	kW	30,474,049	154,800	0	0.0000 kW
LARGE USE SERVICE CLASSIFICATION	kW	117,005,431	227,574	0	0.0000 kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	20,022,458	56,255	0	0.0000 kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	592,608	1,611	0	0.0000 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,549,550		0	0.0000 kWh
Total		3,070,375,150	4,239,704	\$0	

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	0.0049	1,041,232,119	0	1.0315	1,074,030,931
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	1,041,232,119	0	1.0315	1,074,030,931
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	384,261,420	0	1.0315	396,365,655
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042	384,261,420	0	1.0315	396,365,655
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.6143	1,456,743,101	3,725,836		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5254	1,456,743,101	3,725,836		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.0701	1,456,743,101	3,725,836		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1256	1,456,743,101	3,725,836		
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3899	44,968,462	228,428		
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2484	44,968,462	228,428		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.1206	117,005,431	227,574		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1256	117,005,431	227,574		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.4214	20,022,458	56,255		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3431	20,022,458	56,255		
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.4233	592,608	1,611		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3450	592,608	1,611		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	5,549,550	0	1.0315	5,724,361
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042	5,549,550	0	1.0315	5,724,361

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	\$ 3.61
Line Connection Service Rate	kW	\$	0.87	\$ 0.95	\$ 0.95
Transformation Connection Service Rate	kW	\$	2.02	\$ 2.34	\$ 2.34

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)	\$			

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	467,466	\$3.66	\$ 1,710,926	493,179	\$0.87	\$ 429,066	493,179	\$2.02	\$ 996,222	\$ 1,425,287	
February	460,965	\$3.66	\$ 1,687,132	471,634	\$0.87	\$ 410,322	471,634	\$2.02	\$ 952,701	\$ 1,363,022	
March	434,487	\$3.66	\$ 1,590,222	459,678	\$0.87	\$ 399,920	459,678	\$2.02	\$ 928,550	\$ 1,328,469	
April	416,101	\$3.66	\$ 1,522,930	483,477	\$0.87	\$ 420,622	483,477	\$2.02	\$ 976,616	\$ 1,397,238	
May	477,811	\$3.66	\$ 1,748,788	510,238	\$0.87	\$ 443,907	510,238	\$2.02	\$ 1,030,681	\$ 1,474,588	
June	605,092	\$3.66	\$ 2,214,637	618,043	\$0.87	\$ 537,697	618,043	\$2.02	\$ 1,248,447	\$ 1,786,144	
July	581,071	\$3.66	\$ 2,126,720	621,741	\$0.87	\$ 540,915	621,741	\$2.02	\$ 1,255,917	\$ 1,796,831	
August	575,867	\$3.66	\$ 2,107,673	594,751	\$0.87	\$ 517,433	594,751	\$2.02	\$ 1,201,397	\$ 1,718,830	
September	599,823	\$3.66	\$ 2,195,352	644,582	\$0.87	\$ 560,786	644,582	\$2.02	\$ 1,302,056	\$ 1,862,842	
October	455,615	\$3.66	\$ 1,667,551	472,651	\$0.87	\$ 411,206	472,651	\$2.02	\$ 954,755	\$ 1,365,961	
November	231,535	\$3.52	\$ 815,004	519,541	\$0.88	\$ 457,196	733,973	\$2.13	\$ 1,563,362	\$ 2,020,559	
December	697,893	\$3.52	\$ 2,456,582	455,124	\$0.88	\$ 400,509	240,692	\$2.13	\$ 512,674	\$ 913,183	
Total	6,003,726	\$ 3.64	\$ 21,843,517	6,344,639	\$ 0.87	\$ 5,529,580	6,344,639	\$ 2.04	\$ 12,923,377	\$ 18,452,956	
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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -	
Total	Network			Line Connection			Transformation Connection			Total Connection	
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
January	467,466	\$ 3.6600	\$ 1,710,926	493,179	\$ 0.8700	\$ 429,066	493,179	\$ 2.0200	\$ 996,222	\$ 1,425,287	
February	460,965	\$ 3.6600	\$ 1,687,132	471,634	\$ 0.8700	\$ 410,322	471,634	\$ 2.0200	\$ 952,701	\$ 1,363,022	
March	434,487	\$ 3.6600	\$ 1,590,222	459,678	\$ 0.8700	\$ 399,920	459,678	\$ 2.0200	\$ 928,550	\$ 1,328,469	
April	416,101	\$ 3.6600	\$ 1,522,930	483,477	\$ 0.8700	\$ 420,622	483,477	\$ 2.0200	\$ 976,616	\$ 1,397,238	
May	477,811	\$ 3.6600	\$ 1,748,788	510,238	\$ 0.8700	\$ 443,907	510,238	\$ 2.0200	\$ 1,030,681	\$ 1,474,588	
June	605,092	\$ 3.6600	\$ 2,214,637	618,043	\$ 0.8700	\$ 537,697	618,043	\$ 2.0200	\$ 1,248,447	\$ 1,786,144	
July	581,071	\$ 3.6600	\$ 2,126,720	621,741	\$ 0.8700	\$ 540,915	621,741	\$ 2.0200	\$ 1,255,917	\$ 1,796,831	
August	575,867	\$ 3.6600	\$ 2,107,673	594,751	\$ 0.8700	\$ 517,433	594,751	\$ 2.0200	\$ 1,201,397	\$ 1,718,830	
September	599,823	\$ 3.6600	\$ 2,195,352	644,582	\$ 0.8700	\$ 560,786	644,582	\$ 2.0200	\$ 1,302,056	\$ 1,862,842	
October	455,615	\$ 3.6600	\$ 1,667,551	472,651	\$ 0.8700	\$ 411,206	472,651	\$ 2.0200	\$ 954,755	\$ 1,365,961	
November	231,535	\$ 3.5200	\$ 815,004	519,541	\$ 0.8800	\$ 457,196	733,973	\$ 2.1300	\$ 1,563,362	\$ 2,020,559	
December	697,893	\$ 3.5200	\$ 2,456,582	455,124	\$ 0.8800	\$ 400,509	240,692	\$ 2.1300	\$ 512,674	\$ 913,183	
Total	6,003,726	\$ 3.64	\$ 21,843,517	6,344,639	\$ 0.87	\$ 5,529,580	6,344,639	\$ 2.04	\$ 12,923,377	\$ 18,452,956	
										Low Voltage Switchgear Credit (if applicable)	\$ -
										Total including deduction for Low Voltage Switchgear Credit	\$ 18,452,956

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	467,466	\$ 3.6100	\$ 1,687,552	493,179	\$ 0.9500	\$ 468,520	493,179	\$ 2.3400	\$ 1,154,039	\$ 1,622,559
February	460,965	\$ 3.6100	\$ 1,664,084	471,634	\$ 0.9500	\$ 448,052	471,634	\$ 2.3400	\$ 1,103,624	\$ 1,551,676
March	434,487	\$ 3.6100	\$ 1,568,498	459,678	\$ 0.9500	\$ 436,694	459,678	\$ 2.3400	\$ 1,075,647	\$ 1,512,341
April	416,101	\$ 3.6100	\$ 1,502,125	483,477	\$ 0.9500	\$ 459,303	483,477	\$ 2.3400	\$ 1,131,336	\$ 1,590,639
May	477,811	\$ 3.6100	\$ 1,724,898	510,238	\$ 0.9500	\$ 484,726	510,238	\$ 2.3400	\$ 1,193,957	\$ 1,678,683
June	605,092	\$ 3.6100	\$ 2,184,382	618,043	\$ 0.9500	\$ 587,141	618,043	\$ 2.3400	\$ 1,446,221	\$ 2,033,361
July	581,071	\$ 3.6100	\$ 2,097,666	621,741	\$ 0.9500	\$ 590,654	621,741	\$ 2.3400	\$ 1,454,874	\$ 2,045,528
August	575,867	\$ 3.6100	\$ 2,078,880	594,751	\$ 0.9500	\$ 565,013	594,751	\$ 2.3400	\$ 1,391,717	\$ 1,956,731
September	599,823	\$ 3.6100	\$ 2,165,361	644,582	\$ 0.9500	\$ 612,353	644,582	\$ 2.3400	\$ 1,508,322	\$ 2,120,675
October	455,615	\$ 3.6100	\$ 1,644,770	472,651	\$ 0.9500	\$ 449,018	472,651	\$ 2.3400	\$ 1,106,003	\$ 1,555,022
November	231,535	\$ 3.6100	\$ 835,841	519,541	\$ 0.9500	\$ 493,564	733,973	\$ 2.3400	\$ 1,717,497	\$ 2,211,061
December	697,893	\$ 3.6100	\$ 2,519,394	455,124	\$ 0.9500	\$ 432,368	240,692	\$ 2.3400	\$ 563,219	\$ 995,587
Total	6,003,726	\$ 3.61	\$ 21,673,451	6,344,639	\$ 0.95	\$ 6,027,407	6,344,639	\$ 2.34	\$ 14,846,455	\$ 20,873,862

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	467,466	\$ 3.6100	\$ 1,687,552	493,179	\$ 0.9500	\$ 468,520	493,179	\$ 2.3400	\$ 1,154,039	\$ 1,622,559
February	460,965	\$ 3.6100	\$ 1,664,084	471,634	\$ 0.9500	\$ 448,052	471,634	\$ 2.3400	\$ 1,103,624	\$ 1,551,676
March	434,487	\$ 3.6100	\$ 1,568,498	459,678	\$ 0.9500	\$ 436,694	459,678	\$ 2.3400	\$ 1,075,647	\$ 1,512,341
April	416,101	\$ 3.6100	\$ 1,502,125	483,477	\$ 0.9500	\$ 459,303	483,477	\$ 2.3400	\$ 1,131,336	\$ 1,590,639
May	477,811	\$ 3.6100	\$ 1,724,898	510,238	\$ 0.9500	\$ 484,726	510,238	\$ 2.3400	\$ 1,193,957	\$ 1,678,683
June	605,092	\$ 3.6100	\$ 2,184,382	618,043	\$ 0.9500	\$ 587,141	618,043	\$ 2.3400	\$ 1,446,221	\$ 2,033,361
July	581,071	\$ 3.6100	\$ 2,097,666	621,741	\$ 0.9500	\$ 590,654	621,741	\$ 2.3400	\$ 1,454,874	\$ 2,045,528
August	575,867	\$ 3.6100	\$ 2,078,880	594,751	\$ 0.9500	\$ 565,013	594,751	\$ 2.3400	\$ 1,391,717	\$ 1,956,731
September	599,823	\$ 3.6100	\$ 2,165,361	644,582	\$ 0.9500	\$ 612,353	644,582	\$ 2.3400	\$ 1,508,322	\$ 2,120,675
October	455,615	\$ 3.6100	\$ 1,644,770	472,651	\$ 0.9500	\$ 449,018	472,651	\$ 2.3400	\$ 1,106,003	\$ 1,555,022
November	231,535	\$ 3.6100	\$ 835,841	519,541	\$ 0.9500	\$ 493,564	733,973	\$ 2.3400	\$ 1,717,497	\$ 2,211,061
December	697,893	\$ 3.6100	\$ 2,519,394	455,124	\$ 0.9500	\$ 432,368	240,692	\$ 2.3400	\$ 563,219	\$ 995,587
Total	6,003,726	\$ 3.61	\$ 21,673,451	6,344,639	\$ 0.95	\$ 6,027,407	6,344,639	\$ 2.34	\$ 14,846,455	\$ 20,873,862

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 20,873,862

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	467,466	\$ 3.6100	\$ 1,687,552	493,179	\$ 0.9500	\$ 468,520	493,179	\$ 2.3400	\$ 1,154,039	\$ 1,622,559
February	460,965	\$ 3.6100	\$ 1,664,084	471,634	\$ 0.9500	\$ 448,052	471,634	\$ 2.3400	\$ 1,103,624	\$ 1,551,676
March	434,487	\$ 3.6100	\$ 1,568,498	459,678	\$ 0.9500	\$ 436,694	459,678	\$ 2.3400	\$ 1,075,647	\$ 1,512,341
April	416,101	\$ 3.6100	\$ 1,502,125	483,477	\$ 0.9500	\$ 459,303	483,477	\$ 2.3400	\$ 1,131,336	\$ 1,590,639
May	477,811	\$ 3.6100	\$ 1,724,898	510,238	\$ 0.9500	\$ 484,726	510,238	\$ 2.3400	\$ 1,193,957	\$ 1,678,683
June	605,092	\$ 3.6100	\$ 2,184,382	618,043	\$ 0.9500	\$ 587,141	618,043	\$ 2.3400	\$ 1,446,221	\$ 2,033,361
July	581,071	\$ 3.6100	\$ 2,097,666	621,741	\$ 0.9500	\$ 590,654	621,741	\$ 2.3400	\$ 1,454,874	\$ 2,045,528
August	575,867	\$ 3.6100	\$ 2,078,880	594,751	\$ 0.9500	\$ 565,013	594,751	\$ 2.3400	\$ 1,391,717	\$ 1,956,731
September	599,823	\$ 3.6100	\$ 2,165,361	644,582	\$ 0.9500	\$ 612,353	644,582	\$ 2.3400	\$ 1,508,322	\$ 2,120,675
October	455,615	\$ 3.6100	\$ 1,644,770	472,651	\$ 0.9500	\$ 449,018	472,651	\$ 2.3400	\$ 1,106,003	\$ 1,555,022
November	231,535	\$ 3.6100	\$ 835,841	519,541	\$ 0.9500	\$ 493,564	733,973	\$ 2.3400	\$ 1,717,497	\$ 2,211,061
December	697,893	\$ 3.6100	\$ 2,519,394	455,124	\$ 0.9500	\$ 432,368	240,692	\$ 2.3400	\$ 563,219	\$ 995,587
Total	6,003,726	\$ 3.61	\$ 21,673,451	6,344,639	\$ 0.95	\$ 6,027,407	6,344,639	\$ 2.34	\$ 14,846,455	\$ 20,873,862

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	467,466	\$ 3.61	\$ 1,687,552	493,179	\$ 0.95	\$ 468,520	493,179	\$ 2.34	\$ 1,154,039	\$ 1,622,559
February	460,965	\$ 3.61	\$ 1,664,084	471,634	\$ 0.95	\$ 448,052	471,634	\$ 2.34	\$ 1,103,624	\$ 1,551,676
March	434,487	\$ 3.61	\$ 1,568,498	459,678	\$ 0.95	\$ 436,694	459,678	\$ 2.34	\$ 1,075,647	\$ 1,512,341
April	416,101	\$ 3.61	\$ 1,502,125	483,477	\$ 0.95	\$ 459,303	483,477	\$ 2.34	\$ 1,131,336	\$ 1,590,639
May	477,811	\$ 3.61	\$ 1,724,898	510,238	\$ 0.95	\$ 484,726	510,238	\$ 2.34	\$ 1,193,957	\$ 1,678,683
June	605,092	\$ 3.61	\$ 2,184,382	618,043	\$ 0.95	\$ 587,141	618,043	\$ 2.34	\$ 1,446,221	\$ 2,033,361
July	581,071	\$ 3.61	\$ 2,097,666	621,741	\$ 0.95	\$ 590,654	621,741	\$ 2.34	\$ 1,454,874	\$ 2,045,528
August	575,867	\$ 3.61	\$ 2,078,880	594,751	\$ 0.95	\$ 565,013	594,751	\$ 2.34	\$ 1,391,717	\$ 1,956,731
September	599,823	\$ 3.61	\$ 2,165,361	644,582	\$ 0.95	\$ 612,353	644,582	\$ 2.34	\$ 1,508,322	\$ 2,120,675
October	455,615	\$ 3.61	\$ 1,644,770	472,651	\$ 0.95	\$ 449,018	472,651	\$ 2.34	\$ 1,106,003	\$ 1,555,022
November	231,535	\$ 3.61	\$ 835,841	519,541	\$ 0.95	\$ 493,564	733,973	\$ 2.34	\$ 1,717,497	\$ 2,211,061
December	697,893	\$ 3.61	\$ 2,519,394	455,124	\$ 0.95	\$ 432,368	240,692	\$ 2.34	\$ 563,219	\$ 995,587
Total	6,003,726	\$ 3.61	\$ 21,673,451	6,344,639	\$ 0.95	\$ 6,027,407	6,344,639	\$ 2.34	\$ 14,846,455	\$ 20,873,862

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 20,873,862

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	0	#DIV/0!	#DIV/0!	0.0000
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0049	1,074,030,931	0	5,262,752	24.0%	5,196,303	0.0048
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	396,365,655	0	1,823,282	8.3%	1,800,261	0.0045
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.6143		3,725,836	6,014,617	27.4%	5,938,675	1.5939
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.0701		3,725,836	7,712,853	35.1%	7,615,469	2.0440
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3899		228,428	545,920	2.5%	539,027	2.3597
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.1206		227,574	482,593	2.2%	476,500	2.0938
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.4214		56,255	79,961	0.4%	78,951	1.4035
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.4233		1,611	2,293	0.0%	2,264	1.4053
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	5,724,361	0	26,332	0.1%	26,000	0.0045

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	0	#DIV/0!	#DIV/0!	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	1,074,030,931	0	5,047,945	23.6%	4,920,434	0.0046
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042	396,365,655	0	1,664,736	7.8%	1,622,684	0.0041
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5254		3,725,836	5,683,390	26.5%	5,539,827	1.4869
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1256		3,725,836	7,919,637	37.0%	7,719,586	2.0719
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2484		228,428	513,598	2.4%	500,624	2.1916
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1256		227,574	483,731	2.3%	471,512	2.0719
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3431		56,255	75,556	0.4%	73,648	1.3092
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3450		1,611	2,167	0.0%	2,112	1.3110
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042	5,724,361	0	24,042	0.1%	23,435	0.0041

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	0	#DIV/0!	#DIV/0!	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0048	1,074,030,931	0	5,196,303	24.0%	5,196,303	0.0048
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045	396,365,655	0	1,800,261	8.3%	1,800,261	0.0045
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.5939		3,725,836	5,938,675	27.4%	5,938,675	1.5939
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.0440		3,725,836	7,615,469	35.1%	7,615,469	2.0440
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3597		228,428	539,027	2.5%	539,027	2.3597
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.0938		227,574	476,500	2.2%	476,500	2.0938
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.4035		56,255	78,951	0.4%	78,951	1.4035
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.4053		1,611	2,264	0.0%	2,264	1.4053
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045	5,724,361	0	26,000	0.1%	26,000	0.0045

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	0	#DIV/0!	#DIV/0!	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046	1,074,030,931	0	4,920,434	23.6%	4,920,434	0.0046
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0041	396,365,655	0	1,622,684	7.8%	1,622,684	0.0041
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4869		3,725,836	5,539,827	26.5%	5,539,827	1.4869
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.0719		3,725,836	7,719,586	37.0%	7,719,586	2.0719
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1916		228,428	500,624	2.4%	500,624	2.1916
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.0719		227,574	471,512	2.3%	471,512	2.0719
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3092		56,255	73,648	0.4%	73,648	1.3092
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3110		1,611	2,112	0.0%	2,112	1.3110
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0041	5,724,361	0	23,435	0.1%	23,435	0.0041

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	1.20%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	141,991	Effective Year of Residential Rate Design Transition (yyyy)	2016
Choose Stretch Factor Group	III	Price Cap Index	0.90%	Billed kWh for Residential Class (approved in the last CoS)	1,080,124,093	OEB-approved # of Transition Years	4
Associated Stretch Factor Value	0.30%			Rate Design Transition Years Left	1		

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	22.17		0.0041		0.90%	24.99	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	32.59		0.0109		0.90%	32.88	0.0110
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	159.2		2.7488		0.90%	160.63	2.7735
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLA	2173.5		3.7968		0.90%	2,193.06	3.8310
STANDBY POWER SERVICE CLASSIFICATION	0		3.136		0.90%	0.00	3.1642
LARGE USE SERVICE CLASSIFICATION	20499.65		2.2876		0.90%	20,684.15	2.3082
STREET LIGHTING SERVICE CLASSIFICATION	1.66		8.2935		0.90%	1.67	8.3681
SENTINEL LIGHTING SERVICE CLASSIFICATION	4.67		15.3774		0.90%	4.71	15.5158
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	2.34		0.0202		0.90%	2.36	0.0204
microFIT SERVICE CLASSIFICATION	5.4					5.4	

Rate Design Transition	Current Residential Fixed Rate (inclusive of R/C adj.)	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.)	22.1700	37,775,286	89.5%	10.5%	2.60	100.0%	24.77	42,205,405
Current Residential Variable Rate (inclusive of R/C adj.)	0.0041	4,428,509	10.5%			0.0%	0.0000	0
		<u>42,203,794</u>						<u>42,205,405</u>

¹ These are the residential rates to which the Price Cap Index will be applied to. Wheeling Service Rate will be adjusted for PCI on Sheet 19.

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	0.0032
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

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
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Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.57
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Attachment F

2019 Global Adjustment Analysis Work Form

GA Analysis Workform

Version 1.0

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells

Drop down cells

Utility Name

- Note 1 **Year(s) Requested for Disposition**
- 2014
 - 2015
 - 2016
 - 2017

Note 7 **Summary of GA (if multiple years requested for disposition)**

Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K51)	Net Change in Principal Balance in the GL (cell C62)	Reconciling Items (sum of cells C63 to C75)	Adjusted Net Change in Principal Balance in the GL (cell C76)	Unresolved Difference	\$ Consumption at Actual Rate Paid (cell J51)	Unresolved Difference as % of Expected GA Payments to IESO
2014	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2015	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2017	\$ 1,819,388	\$ 2,901,221	-\$ 489,455	\$ 2,411,767	\$ 592,379	\$ 128,082,950	0.5%
Cumulative Balance	\$ 1,819,388	\$ 2,901,221	-\$ 489,455	\$ 2,411,767	\$ 592,379	\$ 128,082,950	N/A

GA Analysis Workform

Note 2 **Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)**

Year		2017		
Total Metered excluding WMP	C = A+B	3,070,375,149	kWh	100%
RPP	A	1,460,615,181	kWh	47.6%
Non RPP	B = D+E	1,609,759,968	kWh	52.4%
Non-RPP Class A	D	380,970,588	kWh	12.4%
Non-RPP Class B*	E	1,228,789,380	kWh	40.0%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Note 3 **GA Billing Rate**

GA is billed on the

1st Estimate

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any particular month

Note 4 **Analysis of Expected GA Amount**

Year	2017								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	119,754,087	139,114,177	165,538,795	146,178,705	0.06687	\$ 9,774,970	0.08227	\$ 12,026,122	\$ 2,251,152
February	114,047,536	165,538,795	154,227,424	102,736,165	0.10559	\$ 10,847,912	0.08639	\$ 8,875,377	-\$ 1,972,534
March	108,765,565	154,227,424	168,890,325	123,428,465	0.08409	\$ 10,379,100	0.07135	\$ 8,806,621	-\$ 1,572,479
April	133,508,883	168,890,325	119,298,819	83,917,377	0.06874	\$ 5,768,481	0.10778	\$ 9,044,615	\$ 3,276,134
May	116,890,604	119,298,819	109,618,432	107,210,217	0.10623	\$ 11,388,941	0.12307	\$ 13,194,361	\$ 1,805,420
June	113,611,228	109,618,432	129,143,847	133,136,644	0.11954	\$ 15,915,154	0.11848	\$ 15,774,030	-\$ 141,125
July	129,295,936	129,143,847	142,878,370	143,030,459	0.10652	\$ 15,235,605	0.11280	\$ 16,133,836	\$ 898,231
August	87,800,605	142,878,370	156,491,171	101,413,406	0.11500	\$ 11,662,542	0.10109	\$ 10,251,881	-\$ 1,410,660
September	108,353,664	156,491,171	121,219,183	73,081,677	0.12739	\$ 9,309,875	0.08864	\$ 6,477,960	-\$ 2,831,915
October	96,128,114	121,219,183	98,506,130	73,415,061	0.10212	\$ 7,497,146	0.12563	\$ 9,223,134	\$ 1,725,988
November	89,101,597	98,506,130	88,217,831	78,813,298	0.11164	\$ 8,798,717	0.09704	\$ 7,648,042	-\$ 1,150,674
December	84,594,630	88,217,831	119,045,932	115,422,730	0.08391	\$ 9,685,121	0.09207	\$ 10,626,971	\$ 941,849
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	1,301,852,450	1,593,144,504	1,573,076,258	1,281,784,204		\$ 126,263,562		\$ 128,082,950	\$ 1,819,388

Calculated Loss Factor

1.0431

Note 5 **Reconciling Items**

Item	Amount	Explanation
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 2,901,221	
1a True-up of GA Charges based on Actual Non-RPP Volumes - prior year	-\$ 62,426	Preliminary quantity variance and final price variance were accrued at the end of Year 2016. This is the reversal of the difference between the estimated and final quantity variance in the RPP Settlement true up.
1b True-up of GA Charges based on Actual Non-RPP Volumes - current year		Final quantity variance and final price variance were accrued at the end of Year 2017.
2a Remove prior year end unbilled to actual revenue differences		Actual was accrued at the end of Year 2016, no effect in 2017
2b Add current year end unbilled to actual revenue differences		Actual was accrued at the end of Year 2017
3a Remove difference between prior year accrual/forecast to actual from long term load transfers		
3b Add difference between current year accrual/forecast to actual from long term load transfers		
4 Remove GA balances pertaining to Class A customers		
5 Significant prior period billing adjustments recorded in current year		
6 Differences in GA IESO posted rate and rate charged on IESO invoice		
7 Differences in actual system losses and billed TLFs	-\$ 427,029	Difference in wholesale (purchased) and billed quantities (billed uplifted with Board approved TLF) prorated to
8 Others as justified by distributor		
9		
10		

Note 6 **Adjusted Net Change in Principal Balance in the GL** \$ 2,411,767
Net Change in Expected GA Balance in the Year Per Analysis \$ 1,819,388
Unresolved Difference \$ 592,379
Unresolved Difference as % of Expected GA Payments to IESO 0.5%

Attachment G

2019 Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Generic LRAMVA Work Forms

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

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



LRAMVA Work Form: Instructions

Tab	Instructions
LRAMVA Checklist/Schematic Tab	<p>The LRAMVA work form was created in a generic manner for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2017, 2018, 2019 and 2020 related components) but have been included in an effort to avoid major updates in the future. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below:</p> <ul style="list-style-type: none"> o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved. o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable. o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tab 3-a. Rate Class Allocations	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
Tabs 4 and 5 (2011-2020)	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO. o Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used. o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change.

o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.

Tab 6. Carrying Charges

Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.

Tab 7. Persistence Report

Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.

Tab 8. Streetlighting

A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).



LRAMVA Work Form: Checklist and Schematic

General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2018, 2019 and 2020 related components). These have been included (but hidden in the work form) in an effort to avoid major updates in the future. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

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

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

Legend

Drop Down List (Blue)

Important Checklist

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

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



LRAMVA Work Form: Summary Tab

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

LDC Name | London Hydro Inc.

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)	EB-2016-0091
Application of Previous LRAMVA Claim	2017 COS Application
Period of LRAMVA Claimed in Previous Application	2013-2015
Amount of LRAMVA Claimed in Previous Application	\$ 449,429.67

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2018-0051
Application of Current LRAMVA Claim	2019 IRM Application
Period of New LRAMVA in this Application	2016
Period of Rate Recovery (# years)	1

C. Documentation of Changes

Original Amount	
Amount for Final Disposition	

Actual Lost Revenue:	A	\$	1,262,114
Forecast Lost Revenue:	B	\$	427,297
Carrying Charges (\$)	C	\$	35,814
LRAMVA (\$) for Accrual	A-B+C	\$	870,631

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	\$323,518	\$13,879	\$337,397
GS<50 kW	kWh	\$297,126	\$12,747	\$309,873
General Service 50 - 4,999 kW	kW	\$210,596	\$9,035	\$219,630
Co-Generation 1,000 - 4,999 kW	kW	\$23,794	\$1,021	\$24,815
Large User	kW	-\$11,228	-\$482	-\$11,710
Street Lighting	kW	-\$7,491	-\$321	-\$7,813
Sentinel Lighting	kW	-\$320	-\$14	-\$333
Unmetered Scattered Load	kWh	-\$1,178	-\$51	-\$1,228
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$834,817	\$35,814	\$870,631

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	General Service 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total
		kWh	kWh	kW	kW	kW	kW	kW	kWh	
2011 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2012 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2013 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2014 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2015 Actuals	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2016 Actuals	<input type="checkbox"/>	\$523,125.79	\$352,869.78	\$350,476.01	\$35,642.70	\$0.00	\$0.00	\$0.00	\$0.00	\$1,262,114.27
2016 Forecast	<input type="checkbox"/>	(\$199,607.61)	(\$55,743.76)	(\$139,880.37)	(\$11,848.93)	(\$11,227.92)	(\$7,491.44)	(\$319.69)	(\$1,177.66)	(\$427,297.38)
Amount Cleared										
2017 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
Carrying Charges		\$13,878.93	\$12,746.71	\$9,034.55	\$1,020.75	(\$481.68)	(\$321.38)	(\$13.71)	(\$50.52)	\$35,813.64
Total LRAMVA Balance		\$337,397	\$309,873	\$219,630	\$24,815	-\$11,710	-\$7,813	-\$333	-\$1,228	\$870,631

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



LRAMVA Work Form: Summary of Changes

Legend

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

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

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

No.	Tab	Cell Reference	Description	Rationale
1	5. 2015-2020 LRAM	Rows 277 and 278	Rows added to accommodate "Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program", which was not listed in the worksheet	London Hydro had energy savings resulted from this program, and the programs savings needed to be added to the worksheet under "Conservation Fund" programs
2	1. LRAMVA Summary	Row 84	Revised formula to populate carrying charges up to April 30, 2019.	To calculate carrying charges up to disposition date.
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

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

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



LRAMVA Work Form: Forecast Lost Revenues

Legend

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

Table 2-a. LRAMVA Threshold

2013

Please provide the LRAMVA threshold approved in the cost of service (COS) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-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	General Service 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load		
		kWh	kWh	kW	kW	kW	kW	kW	kWh	0.0	0.0
kWh	45,191,286	14,896,090	5,412,016	21,361,865	552,808	2,576,753	315,677	10,286	65,791		
kW	62,262			53512	2704	5133	885	28			
Summary		14896090	5412016	53512	2704	5133	885	28	65791	0	0

Years Included in Threshold

Source of Threshold 20XX Settlement Agreement, p. X

Table 2-b. LRAMVA Threshold

2017

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	General Service 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load		
		kWh	kWh	kW	kW	kW	kW	kW	kWh	0.0	0.0
kWh	70,113,851	9,641,185	27,433,333	4,106,000		23,333,333	5,600,000				
kW	71,067			10470.3		44916.67	15680				
Summary		9641185	27433333	10470.3	0	44916.67	15680	0	0	0	0

Years Included in Threshold

Source of Threshold 2017 Settlement Agreement (EB-2016-0091), p. 32

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	General Service 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load		
		kWh	kWh	kW	kW	kW	kW	kW	kWh	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0
2013	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0
2014	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0
2015	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0
2016	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0
2017	2017	9,641,185	27,433,333	10,470	0	44,917	15,680	0	0	0	0

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

LRAMVA Work Form: Distribution Rates

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-0150	EB-2014-0092	EB-2015-0087	EB-2016-0091	EB-2017-0059	EB-2018-0051	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	4	4	4	4	4	4	4	4		
Period 2 (# months)		8	8	8	8	8	8	8	8	8	8	12	12
Residential						\$ 0.0157	\$ 0.0159	\$ 0.0121	\$ 0.0082	\$ 0.0041			
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue													
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ 0.0157	\$ 0.0159	\$ 0.0121	\$ 0.0082	\$ 0.0041	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 0.0105	\$ 0.0158	\$ 0.0134	\$ 0.0095	\$ 0.0055	\$ 0.0014	\$ -	\$ -
GS<50 kW						\$ 0.0101	\$ 0.0102	\$ 0.0104	\$ 0.0108	\$ 0.0109			
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue													
Other - ACM Rate Rider										\$ 0.0001			
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ 0.0101	\$ 0.0102	\$ 0.0104	\$ 0.0108	\$ 0.0110	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 0.0067	\$ 0.0102	\$ 0.0103	\$ 0.0107	\$ 0.0109	\$ 0.0037	\$ -	\$ -
General Service 50 - 4,999 kW						\$ 2.5426	\$ 2.5795	\$ 2.6298	\$ 2.7202	\$ 2.7488			
Rate rider for tax sharing	kW							\$ 0.0015					
Rate rider for foregone revenue													
Other - ACM Rate Rider										\$ 0.0347			
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ 2.5426	\$ 2.5795	\$ 2.6313	\$ 2.7202	\$ 2.7835	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 1.6951	\$ 2.5672	\$ 2.6140	\$ 2.6906	\$ 2.7624	\$ 0.9278	\$ -	\$ -
Co-Generation 1,000 - 4,999 kW						\$ 4.2629	\$ 4.3247	\$ 4.4090	\$ 3.7573	\$ 3.7968			
Rate rider for tax sharing	kW							\$ 0.0016					
Rate rider for foregone revenue													
Other - ACM Rate Rider										\$ 0.0480			
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ 4.2629	\$ 4.3247	\$ 4.4106	\$ 3.7573	\$ 3.8448	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 2.8419	\$ 4.3041	\$ 4.3820	\$ 3.9751	\$ 3.8156	\$ 1.2816	\$ -	\$ -
Large User						\$ 2.1274	\$ 2.1582	\$ 2.2003	\$ 2.2638	\$ 2.2876			
Rate rider for tax sharing	kW							\$ 0.0017					
Rate rider for foregone revenue													
Other - ACM Rate Rider										\$ 0.0289			
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ 2.1274	\$ 2.1582	\$ 2.2020	\$ 2.2638	\$ 2.3165	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 1.4183	\$ 2.1479	\$ 2.1874	\$ 2.2432	\$ 2.2989	\$ 0.7722	\$ -	\$ -
Street Lighting						\$ 8.2320	\$ 8.3514	\$ 8.5143	\$ 8.2073	\$ 8.2935			
Rate rider for tax sharing	kW							\$ 0.0074					
Rate rider for foregone revenue													
Other										\$ 0.1048			
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ 8.2320	\$ 8.3514	\$ 8.5217	\$ 8.2073	\$ 8.3983	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 5.4880	\$ 8.3116	\$ 8.4649	\$ 8.3121	\$ 8.3346	\$ 2.7994	\$ -	\$ -
Sentinel Lighting						\$ 11.1031	\$ 11.2641	\$ 11.4837	\$ 15.2176	\$ 15.3774			
Rate rider for tax sharing	kW							\$ 0.0106					
Rate rider for foregone revenue													
Other - ACM Rate Rider										\$ 0.1943			
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ 11.1031	\$ 11.2641	\$ 11.4943	\$ 15.2176	\$ 15.5717	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 7.4021	\$ 11.2104	\$ 11.4176	\$ 13.9765	\$ 15.4537	\$ 5.1906	\$ -	\$ -
Unmetered Scattered Load						\$ 0.0174	\$ 0.0177	\$ 0.0180	\$ 0.0200	\$ 0.0202			
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue													
Other - ACM Rate Rider										\$ 0.0003			
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ 0.0174	\$ 0.0177	\$ 0.0180	\$ 0.0200	\$ 0.0205	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ 0.0116	\$ 0.0176	\$ 0.0179	\$ 0.0193	\$ 0.0203	\$ 0.0068	\$ -	\$ -

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

Table 3-a. Distribution Rates by Rate Class

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

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

Year	Residential	GS<50 kW	General Service 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load
	kWh	kWh	kW	kW	kW	kW	kW	kWh
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	\$0.0105	\$0.0067	\$1.6951	\$2.8419	\$1.4183	\$5.4880	\$7.4021	\$0.0116
2015	\$0.0158	\$0.0102	\$2.5672	\$4.3041	\$2.1479	\$8.3116	\$11.2104	\$0.0176
2016	\$0.0134	\$0.0103	\$2.6140	\$4.3820	\$2.1874	\$8.4649	\$11.4176	\$0.0179
2017	\$0.0095	\$0.0107	\$2.6906	\$3.9751	\$2.2432	\$8.3121	\$13.9765	\$0.0193

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



LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

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 supported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.
4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.
5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

- [Table 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 Persistence (kWh)										Monthly Multiplier	Net Peak Demand Savings Persistence (kW)										Rate Allocations for LRAMVA																				
		Net Energy Savings (kWh)											Net Demand Savings (kW)										Residential	GS<50 kW	General Service 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total												
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020																					
Consumer Program																																											
1	Appliance Retirement Adjustment to 2011 savings	Verified True-up	1,002,610	1,002,610	1,002,610	990,701	640,760	0	0	0	0	0											167	167	167	153	84	0	0	0	0	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%		
2	Appliance Exchange Adjustment to 2011 savings	Verified True-up	15,910	15,910	15,910	9,765	0	0	0	0	0	0												12	12	12	5	0	0	0	0	0	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
3	HVAC Incentives Adjustment to 2011 savings	Verified True-up	1,901,868	1,901,868	1,901,868	1,901,868	1,901,868	1,901,868	1,901,868	1,901,868	1,901,868	1,901,868												1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
4	Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up	512,644	512,644	512,644	512,644	471,654	426,873	334,117	331,974	417,744	160,312												32	32	32	32	30	28	24	23	27	15	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
5	Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up	802,521	802,521	802,521	802,521	733,445	657,982	496,077	494,267	638,806	204,987												46	46	46	46	43	39	32	32	38	18	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
6	Retailer Co-op Adjustment to 2011 savings	Verified True-up																																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
7	Residential Demand Response Adjustment to 2011 savings	Verified True-up																																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
8	Residential Demand Response (IHD) Adjustment to 2011 savings	Verified True-up																																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
9	Residential New Construction Adjustment to 2011 savings	Verified True-up																																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Business Program																																											
10	Retrofit Adjustment to 2011 savings	Verified True-up	5,260,353	5,260,353	5,260,353	5,224,701	4,362,381	3,995,993	3,496,931	3,223,770	2,853,945	2,853,945	12	1,034	1,034	1,034	1,024	861	765	640	584	500	500	56	56	56	52	47	43	37	37	32	32	0.00%	8.20%	91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
11	Direct Install Lighting Adjustment to 2011 savings	Verified True-up	145,929	145,809	145,809	133,724	133,724	133,695	25,775	25,775	25,775	25,775	12	56	56	56	52	52	51	9	9	9	9	9	9	9	9	9	2	2	2	0	0	0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
12	Building Commissioning Adjustment to 2011 savings	Verified True-up											3											3										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
13	New Construction Adjustment to 2011 savings	Verified True-up											12											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
14	Energy Audit Adjustment to 2011 savings	Verified True-up	237,585	237,585	237,585	237,585	226,586	0	0	0	0	0	12	49	49	49	49	47	0	0	0	0	0	0	49	49	49	49	47	0	0	0	0	0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
15	Small Commercial Demand Response Adjustment to 2011 savings	Verified True-up																																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
16	Small Commercial Demand Response (IHD) Adjustment to 2011 savings	Verified True-up																																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
17	Demand Response 3 Adjustment to 2011 savings	Verified True-up	19,012	0	0	0	0	0	0	0	0	0												487	0	0	0	0	0	0	0	0	0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
Industrial Program																																											
18	Process & System Upgrades Adjustment to 2011 savings	Verified True-up											12											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
19	Monitoring & Targeting Adjustment to 2011 savings	Verified True-up											12											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
20	Energy Manager Adjustment to 2011 savings	Verified True-up											12											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
21	Retrofit Adjustment to 2011 savings	Verified True-up	756,174	756,174	756,174	753,196	753,196	753,196	691,186	669,581	606,178	606,178	12	128	128	128	127	127	127	111	104	86	86	128	128	128	127	127	127	111	104	86	86	0.00%	8.20%	91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
22	Demand Response 3 Adjustment to 2011 savings	Verified True-up	125,454	0	0	0	0	0	0	0	0	0												2,137	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
Home Assistance Program																																											
23	Home Assistance Program Adjustment to 2011 savings	Verified True-up																																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Aboriginal Program																																											
24	Home Assistance Program Adjustment to 2011 savings	Verified True-up																																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
25	Direct Install Lighting Adjustment to 2011 savings	Verified True-up											0											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Pre-2011 Programs completed in 2011																																											
26	Electricity Retrofit Incentive Program Adjustment to 2011 savings	Verified True-up	9,726,531	9,726,531	9,726,531	9,726,531	9,726,531	9,726,531	9,726,531	9,726,531	9,726,531	9,726,531	12	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	0.00%	8.20%	91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	100%		
27	High Performance New Construction Adjustment to 2011 savings	Verified True-up	865,905	865,905	865,905	865,905	865,905	865,905	865,905	865,905	865,905	865,905	12	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	0.00%	8.20%	91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	100%		
28	Toronto Comprehensive Adjustment to 2011 savings	Verified True-up	-33,545	-33,545	-33,545	-33,545	-33,545	-33,545	-33,545	-33,545	-33,545	-33,545	12	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%		
29	Multifamily Energy Efficiency Rebates Adjustment to 2011 savings	Verified True-up											0											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
30	LDC Custom Programs Adjustment to 2011 savings	Verified True-up											0											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Other																																											
31	Program Enabled Savings Adjustment to 2011 savings	Verified True-up											0											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
32	Time of Use Savings Adjustment to 2011 savings	Verified True-up											0											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
33	LDC Pilots Adjustment to 2011 savings	Verified True-up											12											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Actual CDM Savings in 2011			21,481,918	21,337,331	21,337,331	21,236,013	19,873,798	18,497,908	17,513,904	17,215,174	16,992,504	16,275,738		6,657	4,033	4,033	3,988	3,737	3,501	3,295	3,231	3,135	3,102	4,057,582	1,809,424	30,228	0	0	0	0	0	0											
Forecast CDM Savings in 2011			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											



LRAMVA Work Form: 2015 - 2020 Lost Revenues Work Form

Legend

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

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.
2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.
3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.
4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.
5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

- [Table 5-a. 2015 Lost Revenues](#)
- [Table 5-b. 2016 Lost Revenues](#)
- [Table 5-c. 2017 Lost Revenues](#)
- [Table 5-d. 2018 Lost Revenues](#)
- [Table 5-e. 2019 Lost Revenues](#)
- [Table 5-f. 2020 Lost Revenues](#)

Program	Results Status	Net Energy Savings Persistence (kWh)											Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)										Rate Allocations for LRAMVA										
		Net Energy Savings (kWh)										Monthly Multiplier		Net Peak Demand Savings Persistence (kW)										Residential	GS<50 kW	General Service 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total		
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024											
31 Save on Energy Monitoring & Targeting Program	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
32 Save on Energy Energy Manager Program	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Local & Regional Programs																																		
33 Business Refrigeration Local Program	Verified											0																						0%
Adjustment to 2015 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%	
34 First Nation Conservation Local Program	Verified											0																						0%
Adjustment to 2015 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%	
35 Social Benchmarking Local Program	Verified											0																						0%
Adjustment to 2015 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%	
Pilot Programs																																		
36 Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37 EnWin Utilities Ltd. - Building Optimization Pilot	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38 EnWin Utilities Ltd. - Re-Invest Pilot	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39 Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40 Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																																	0%
Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43 Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44 Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45 Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46 Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12																						0%
Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2015		36,224,945	34,839,081	34,797,885	34,735,972	34,511,534	33,662,299	33,662,299	33,660,551	31,422,628	28,950,856		5,224	5,209	5,209	5,187	5,134	5,009	5,008	5,007	4,682	4,228	7,868,479	20,169,049	11,746	192	0	0	0	0	0			
Forecast CDM Savings in 2015																								14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791			
Distribution Rate in 2015																								\$0.01580	\$0.01020	\$2.56720	\$4.30410	\$2.14790	\$8.31160	\$11.21040	\$0.01760			
Lost Revenue in 2015 from 2011 programs																								\$56,402.13	\$17,962.94	\$72,433.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$145,898.33		
Lost Revenue in 2015 from 2012 programs																								\$48,197.59	\$11,494.73	\$65,960.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$125,652.60		
Lost Revenue in 2015 from 2013 programs																								\$45,371.47	\$41,614.73	\$67,280.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$154,266.73		
Lost Revenue in 2015 from 2014 programs																								\$101,122.72	\$25,693.58	\$57,239.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$184,055.42		
Lost Revenue in 2015 from 2015 programs																								\$124,321.97	\$205,724.30	\$30,154.72	\$825.35	\$0.00	\$0.00	\$0.00	\$0.00	\$361,026.35		
Total Lost Revenues in 2015																								\$375,415.88	\$301,590.28	\$293,067.90	\$825.35	\$0.00	\$0.00	\$0.00	\$0.00	\$970,899.42		
Forecast Lost Revenues in 2015																								\$235,358.22	\$55,202.56	\$137,376.01	\$11,638.29	\$11,025.17	\$7,355.77	\$313.89	\$1,157.92	\$459,427.83		
LRAMVA in 2015																																\$511,471.59		
2015 Savings Persisting in 2016																								7,607,616	20,169,048	11,746	192	0	0	0	0	0		
2015 Savings Persisting in 2017																								7,566,418	20,134,646	11,876	192	0	0	0	0	0		
2015 Savings Persisting in 2018																								7,511,436	20,118,042	11,913	192	0	0	0	0	0		
2015 Savings Persisting in 2019																								7,286,998	19,975,501	12,136	389	0	0	0	0	0		
2015 Savings Persisting in 2020																								6,438,862	19,974,402	12,136	389	0	0	0	0	0		

Note: LDC to make note of key assumptions included above

Quarter	Approved Deferral & Variance Accounts
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	

[Check OEB website](#)

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	General Service 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total
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
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
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
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
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
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
Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared												
Opening Balance for 2014												
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
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
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
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
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
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
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
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
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
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
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
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
Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared												
Opening Balance for 2015												
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
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
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
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
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
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
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
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
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
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
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
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
Total for 2015				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared												
Opening Balance for 2016												
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
Feb-16	2011-2016	Q1	0.09%	\$24.71	\$22.70	\$16.09	\$1.82	-\$0.86	-\$0.57	-\$0.02	-\$0.09	\$63.77
Mar-16	2011-2016	Q1	0.09%	\$49.43	\$45.39	\$32.17	\$3.64	-\$1.72	-\$1.14	-\$0.05	-\$0.18	\$127.54
Apr-16	2011-2016	Q2	0.09%	\$74.14	\$68.09	\$48.26	\$5.45	-\$2.57	-\$1.72	-\$0.07	-\$0.27	\$191.31
May-16	2011-2016	Q2	0.09%	\$98.85	\$90.79	\$64.35	\$7.27	-\$3.43	-\$2.29	-\$0.10	-\$0.36	\$255.08
Jun-16	2011-2016	Q2	0.09%	\$123.57	\$113.49	\$80.44	\$9.09	-\$4.29	-\$2.86	-\$0.12	-\$0.45	\$318.85
Jul-16	2011-2016	Q3	0.09%	\$148.28	\$136.18	\$96.52	\$10.91	-\$5.15	-\$3.43	-\$0.15	-\$0.54	\$382.62
Aug-16	2011-2016	Q3	0.09%	\$172.99	\$158.88	\$112.61	\$12.72	-\$6.00	-\$4.01	-\$0.17	-\$0.63	\$446.40
Sep-16	2011-2016	Q3	0.09%	\$197.71	\$181.58	\$128.70	\$14.54	-\$6.86	-\$4.58	-\$0.20	-\$0.72	\$510.17
Oct-16	2011-2016	Q4	0.09%	\$222.42	\$204.27	\$144.78	\$16.36	-\$7.72	-\$5.15	-\$0.22	-\$0.81	\$573.94
Nov-16	2011-2016	Q4	0.09%	\$247.13	\$226.97	\$160.87	\$18.18	-\$8.58	-\$5.72	-\$0.24	-\$0.90	\$637.71
Dec-16	2011-2016	Q4	0.09%	\$271.85	\$249.67	\$176.96	\$19.99	-\$9.43	-\$6.29	-\$0.27	-\$0.99	\$701.48
Total for 2016				\$1,631.07	\$1,498.01	\$1,061.75	\$119.96	-\$56.61	-\$37.77	-\$1.61	-\$5.94	\$4,208.87
Amount Cleared												
Opening Balance for 2017												
Jan-17	2011-2017	Q1	0.09%	\$296.56	\$272.37	\$193.05	\$21.81	-\$10.29	-\$6.87	-\$0.29	-\$1.08	\$765.25
Feb-17	2011-2017	Q1	0.09%	\$296.56	\$272.37	\$193.05	\$21.81	-\$10.29	-\$6.87	-\$0.29	-\$1.08	\$765.25
Mar-17	2011-2017	Q1	0.09%	\$296.56	\$272.37	\$193.05	\$21.81	-\$10.29	-\$6.87	-\$0.29	-\$1.08	\$765.25
Apr-17	2011-2017	Q2	0.09%	\$296.56	\$272.37	\$193.05	\$21.81	-\$10.29	-\$6.87	-\$0.29	-\$1.08	\$765.25
May-17	2011-2017	Q2	0.09%	\$296.56	\$272.37	\$193.05	\$21.81	-\$10.29	-\$6.87	-\$0.29	-\$1.08	\$765.25
Jun-17	2011-2017	Q2	0.09%	\$296.56	\$272.37	\$193.05	\$21.81	-\$10.29	-\$6.87	-\$0.29	-\$1.08	\$765.25
Jul-17	2011-2017	Q3	0.09%	\$296.56	\$272.37	\$193.05	\$21.81	-\$10.29	-\$6.87	-\$0.29	-\$1.08	\$765.25
Aug-17	2011-2017	Q3	0.09%	\$296.56	\$272.37	\$193.05	\$21.81	-\$10.29	-\$6.87	-\$0.29	-\$1.08	\$765.25
Sep-17	2011-2017	Q3	0.09%	\$296.56	\$272.37	\$193.05	\$21.81	-\$10.29	-\$6.87	-\$0.29	-\$1.08	\$765.25
Oct-17	2011-2017	Q4	0.13%	\$404.40	\$371.41	\$263.24	\$29.74	-\$14.03	-\$9.36	-\$0.40	-\$1.47	\$1,043.52
Nov-17	2011-2017	Q4	0.13%	\$404.40	\$371.41	\$263.24	\$29.74	-\$14.03	-\$9.36	-\$0.40	-\$1.47	\$1,043.52
Dec-17	2011-2017	Q4	0.13%	\$404.40	\$371.41	\$263.24	\$29.74	-\$14.03	-\$9.36	-\$0.40	-\$1.47	\$1,043.52
Total for 2017				\$5,513.29	\$5,063.52	\$3,588.90	\$405.49	-\$191.34	-\$127.67	-\$5.45	-\$20.07	\$14,226.67

Quarter **Approved Deferral & Variance Accounts**

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	General Service 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total
Amount Cleared												
Opening Balance for 2018				\$5,513.29	\$5,063.52	\$3,588.90	\$405.49	-\$191.34	-\$127.67	-\$5.45	-\$20.07	\$14,226.67
Jan-18	2011-2018	Q1	0.13%	\$404.40	\$371.41	\$263.24	\$29.74	-\$14.03	-\$9.36	-\$0.40	-\$1.47	\$1,043.52
Feb-18	2011-2018	Q1	0.13%	\$404.40	\$371.41	\$263.24	\$29.74	-\$14.03	-\$9.36	-\$0.40	-\$1.47	\$1,043.52
Mar-18	2011-2018	Q1	0.13%	\$404.40	\$371.41	\$263.24	\$29.74	-\$14.03	-\$9.36	-\$0.40	-\$1.47	\$1,043.52
Apr-18	2011-2018	Q2	0.16%	\$509.54	\$467.97	\$331.69	\$37.48	-\$17.68	-\$11.80	-\$0.50	-\$1.85	\$1,314.84
May-18	2011-2018	Q2	0.16%	\$509.54	\$467.97	\$331.69	\$37.48	-\$17.68	-\$11.80	-\$0.50	-\$1.85	\$1,314.84
Jun-18	2011-2018	Q2	0.16%	\$509.54	\$467.97	\$331.69	\$37.48	-\$17.68	-\$11.80	-\$0.50	-\$1.85	\$1,314.84
Jul-18	2011-2018	Q3	0.16%	\$509.54	\$467.97	\$331.69	\$37.48	-\$17.68	-\$11.80	-\$0.50	-\$1.85	\$1,314.84
Aug-18	2011-2018	Q3	0.16%	\$509.54	\$467.97	\$331.69	\$37.48	-\$17.68	-\$11.80	-\$0.50	-\$1.85	\$1,314.84
Sep-18	2011-2018	Q3	0.16%	\$509.54	\$467.97	\$331.69	\$37.48	-\$17.68	-\$11.80	-\$0.50	-\$1.85	\$1,314.84
Oct-18	2011-2018	Q4	0.18%	\$585.03	\$537.30	\$380.83	\$43.03	-\$20.30	-\$13.55	-\$0.58	-\$2.13	\$1,509.63
Nov-18	2011-2018	Q4	0.18%	\$585.03	\$537.30	\$380.83	\$43.03	-\$20.30	-\$13.55	-\$0.58	-\$2.13	\$1,509.63
Dec-18	2011-2018	Q4	0.18%	\$585.03	\$537.30	\$380.83	\$43.03	-\$20.30	-\$13.55	-\$0.58	-\$2.13	\$1,509.63
Total for 2018				\$11,538.82	\$10,597.49	\$7,511.24	\$848.64	-\$400.46	-\$267.19	-\$11.40	-\$42.00	\$29,775.14
Amount Cleared												
Opening Balance for 2019				\$11,538.82	\$10,597.49	\$7,511.24	\$848.64	-\$400.46	-\$267.19	-\$11.40	-\$42.00	\$29,775.14
Jan-19	2011-2019	Q1	0.18%	\$585.03	\$537.30	\$380.83	\$43.03	-\$20.30	-\$13.55	-\$0.58	-\$2.13	\$1,509.63
Feb-19	2011-2019	Q1	0.18%	\$585.03	\$537.30	\$380.83	\$43.03	-\$20.30	-\$13.55	-\$0.58	-\$2.13	\$1,509.63
Mar-19	2011-2019	Q1	0.18%	\$585.03	\$537.30	\$380.83	\$43.03	-\$20.30	-\$13.55	-\$0.58	-\$2.13	\$1,509.63
Apr-19	2011-2019	Q2	0.18%	\$585.03	\$537.30	\$380.83	\$43.03	-\$20.30	-\$13.55	-\$0.58	-\$2.13	\$1,509.63
May-19	2011-2019	Q2	0.18%	\$585.03	\$537.30	\$380.83	\$43.03	-\$20.30	-\$13.55	-\$0.58	-\$2.13	\$1,509.63
Jun-19	2011-2019	Q2	0.18%	\$585.03	\$537.30	\$380.83	\$43.03	-\$20.30	-\$13.55	-\$0.58	-\$2.13	\$1,509.63
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
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
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
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
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
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
Total for 2019				\$15,048.99	\$13,821.31	\$9,796.21	\$1,106.81	-\$522.29	-\$348.48	-\$14.87	-\$54.78	\$38,832.90
Amount Cleared												



Supporting Documentation:
LDC Persistence Savings Results from IESO

Legend table with 2 columns: Category (User Inputs (Green), Drop Down List (Blue), Instructions (Grey)) and Description

- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.
2. Please identify the source of the report via the dropdown list in Column I.
3. To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.
4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.
5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

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

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

Main data table with columns: Step, Portfolio, Program, Initiative, LDC, Sector, Conservation Resource Type, #3 (Implementation) Year, #4 Identify Source of Report, #4 Identify Status of Savings, #1 Net Verified Annual Peak Demand Savings at the End-User Level (kW) (years 2011-2020), and #1 Net Verified Annual Peak Demand Savings at the End-User Level (kW) (years 2021-2040).

Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings						
									2015	2016	2017	2018	2019	2020
	Industrial Program	Process and Systems Upgrades Initiatives - Proj	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	Industrial Program	Process and Systems Upgrades Initiatives - Ener	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	Industrial Program	Process and Systems Upgrades Initiatives - Moni	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	Low Income Program	Low Income Initiative	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	90,310	0	0	0	0	0
	Other	Oilways Pilot	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	Other	Small Appliances Pilot	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	Other	Conservation Fund Pilot - SDC	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	Other	Conservation Fund Pilot - EnerNOC	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	Other	Adaptation Conservation Program	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	Other	Program Enacted Savings	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Residential	Save on Energy Coupon Program	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Residential	Save on Energy Heating and Cooling Program	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Residential	Save on Energy Home Assistance Program	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	28,846	0	0	0	0	0
	CFF Business	Save on Energy Audit Funding Program	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Business	Save on Energy Retrofit Program	London Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Residential	Save on Energy Coupon Program	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	CFF Residential	Save on Energy Heating & Cooling Program	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	CFF Residential	Save on Energy Home Assistance Program	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	CFF Residential	Save on Energy Audit Funding Program	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	CFF Business	Save on Energy Audit Funding Program	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	CFF Business	Save on Energy Retrofit Program	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	Residential	Coupon Initiative	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	Residential	HVAC Incentives Initiative	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	Commercial and Instit	Energy Audit Initiative	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	Commercial and Instit	Efficiency: Equipment Replacement Incentive In	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	Commercial and Instit	Direct Install Lighting and Water Heating Initiat	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	Commercial and Instit	New Construction and Major Renovation Initiat	London Hydro Inc.			2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
	CFF Residential	Save on Energy Coupon Program	London Hydro Inc.			2016	2016 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Residential	Save on Energy Heating & Cooling Program	London Hydro Inc.			2016	2016 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Residential	Save on Energy Home Assistance Program	London Hydro Inc.			2016	2016 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Residential	Save on Energy Audit Funding Program	London Hydro Inc.			2016	2016 Results Persistence	Current year savings	1,777,187	0	0	0	0	0
	CFF Business	Save on Energy Audit Funding Program	London Hydro Inc.			2016	2016 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Business	Save on Energy Retrofit Program	London Hydro Inc.			2016	2016 Results Persistence	Current year savings	14,735	0	0	0	0	0
	CFF Business	Save on Energy High Performance New Construct	London Hydro Inc.			2016	2016 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Business	Save on Energy Existing Building Conservation	London Hydro Inc.			2016	2016 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Business	Save on Energy Process & Systems Upgrades Pro	London Hydro Inc.			2016	2016 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Business	Save on Energy Energy Manager Program	London Hydro Inc.			2016	2016 Results Persistence	Current year savings	51,642	0	0	0	0	0
	Conservation Fund	Home Depot Home Appliance Market Uplift Con	London Hydro Inc.			2016	2016 Results Persistence	Current year savings	0	0	0	0	0	0
	CFF Business	Save on Energy Retrofit Program	London Hydro Inc.			2015	2017 Results Persistence	Adjustment	0	0	0	0	0	0
	Commercial and Instit	Efficiency: Equipment Replacement Incentive In	London Hydro Inc.			2015	2017 Results Persistence	Adjustment	0	0	0	0	0	0
	Commercial and Instit	Direct Install Lighting and Water Heating Initiat	London Hydro Inc.			2015	2017 Results Persistence	Adjustment	0	0	0	0	0	0
	CFF Residential	Save on Energy Coupon Program	London Hydro Inc.			2016	2017 Results Persistence	Adjustment	0	0	0	0	0	0
	CFF Residential	Save on Energy Heating & Cooling Program	London Hydro Inc.			2016	2017 Results Persistence	Adjustment	0	0	0	0	0	0
	CFF Residential	Save on Energy Home Assistance Program	London Hydro Inc.			2016	2017 Results Persistence	Adjustment	225,988	0	0	0	0	0
	CFF Business	Save on Energy Retrofit Program	London Hydro Inc.			2016	2017 Results Persistence	Adjustment	6,462	0	0	0	0	0
	CFF Business	Save on Energy Process & Systems Upgrades Pro	London Hydro Inc.			2016	2017 Results Persistence	Adjustment	0	0	0	0	0	0
	CFF Business	Save on Energy Energy Manager Program	London Hydro Inc.			2016	2017 Results Persistence	Adjustment	51,642	0	0	0	0	0



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).

Attachment H

1595 Work Form

1595 Analysis Workform

Version 1.0

Account 1595 Analysis Workform

Input cells
Drop down cells

Utility Name

Utility name must be selected

1595 Rate Years Requested for Disposition

- 2012
- 2013
- 2014
- 2015
- 2016

1595 Analysis Workform

Step 1

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections>Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	-\$4,475,883	\$55,247	-\$4,420,636	-\$4,287,058	-\$133,579	-\$31,696	-\$165,274	3.0%
Account 1589 - Global Adjustment	\$9,622,288	\$204,142	\$9,826,430	\$9,820,825	\$5,605	\$64,786	\$70,390	0.1%
Total Group 1 and Group 2 Balances	\$5,146,404	\$259,389	\$5,405,794	\$5,533,768	-\$127,974	\$33,090	-\$94,884	-2.4%

*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

Additional Notes and Comments

The carrying charges amount recorded on net principal account balances is as of December 31, 2017.