

December 1, 2020

## By RESS, E-mail, and Courier

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

Attention: Ms. Christine E. Long, Registrar and Board Secretary

Dear Ms. Long,

#### RE: London Hydro Inc. Application for Distribution Rates Effective May 1, 2021 Board File No. EB-2020-0038

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, 2021.

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,

filand

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

2021 4<sup>th</sup> Generation Incentive Regulation Mechanism Electricity Distribution Rate Application

**Board File Number** 

EB-2020-0038

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#### **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, 2021.

### APPLICATION

#### Introduction

- 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-2018-0051). The Applicant distributes electricity to approximately 155,500 customers within the City of London.
- 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 1<sup>st</sup>, 2021 based on the 2021 Incentive Rate-Setting (IRM) application.
- 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 May 14, 2020; Addendum to Filing

Requirements for Electricity Distribution Rate Applications – 2020 Rate Applications, issued on July 15, 2019; the Letter from the Board dated July 15, 2019 to Rate-regulated Electricity Distributors re: I. Addendum to Filing Requirements for Electricity Distribution Rate Applications; and, II. Process for 2020 Incentive Rate-setting Mechanism 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 2021 IRM Rate Generator – Version 2.0; GA Analysis Work Form – Version 1.9; LRAMVA Work Form – Version 5 and the 1595 Work Form – Version 1.0; developed and provided by the Board and as listed on the Board's website. In addition, London Hydro completed the 2021 IRM Checklist and included it with this rate application.

# 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 1<sup>st</sup>, 2021.

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 1<sup>st</sup>, 2021, London Hydro requests that the Board issue an Order for existing rates be made interim commencing May 1, 2021. 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 May 14, 2020, including the following:

- a. an adjustment to existing distribution rates to reflect the Price Cap Index Adjustment;
- 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, 2021 to April 30, 2022,
- d. rate riders to clear Group 1 account balances effective May 1, 2021 to April 30, 2022.

### 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.

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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 1<sup>st</sup> day of December, 2020.

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

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#### **ATTACHMENTS**

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- D Bill Impacts
- E 2021 IRM Rate Generator Version 2.0 (.xlsb)
- F 1595 Work Form Version 1.0 (.xlsb)
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# 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 25, 2019, London Hydro filed a 2020 IRM Application (EB-2019-0052) 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 April 16, 2020, with the approved distribution rates to be effective May 1<sup>st</sup>, 2020. In consideration of the COVID-19 emergency, London Hydro was also granted the option to postpone the implementation of its new rates to November 1, 2020 and track the resulting forgone revenues in a deferral account. On September 14, 2020, London Hydro filed an application to recover the forgone revenues from postponing rate implementation. A copy of the current Tariff of Rates and Charges, effective November 1<sup>st</sup>, 2020, is included as Attachment B.

There are no outstanding Board Orders affecting this current application.

London Hydro is submitting a 2021 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 May 14, 2020 (the "Filing Requirements") and the Addendum to Filing Requirements for Electricity Distribution Rate Applications – 2020 Rate Applications, issued on July 15, 2019.

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 2021 Tariff of Rates and Charges is provided as Attachment C of the Application.

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London Hydro confirms that the pre-populated billing determinants are accurate on Tab 4 in the 2021 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 2021 Rate Generator Model and default values for the inflation factor, productivity factor and stretch factor of 2.00%, 0.00% and 0.30% respectively, as per the Filing Requirements. The resulting 1.70% Total Price Cap Index is used in the 2021 IRM Rate Generator – Version 1.0 - updated on October 19, 2020. 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.

Effective January 1, 2020, the annual inflationary adjustment mechanism will apply to energy retailer service charges (*Report of the Ontario Energy Board Energy Retailer Service Charges (EB-2015-0304)*, issued November 29, 2018, and to Specific Service Charge for Access to the Power Poles (*Report of the Ontario Energy Board Energy Wireline Pole Attachment Charges (EB-2015-0304)*, issued March 22, 2018. The updated miscellaneous and retail service charges that are subject to an inflationary adjustment effective January 1, 2020 are listed on Tab 17 Regulatory Charges of the 2021 Rate Generator Model.

The proposed 2021 distribution rates are reflected in Table 1: Proposed 2021 Distribution Rates below.

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Rate Class	Current Monthly Fixed Charge	Current Volumetric Charge	Price Cap Index	Proposed Monthly Fixed Charge	Proposed Volumetric Charge
RESIDENTIAL	25.50		1.70%	25.93	-
GENERAL SERVICE LESS THAN 50 kW	33.54	0.0112	1.70%	34.11	0.0114
GENERAL SERVICE > 50 kW to 4,999 kW	163.85	2.8291	1.70%	166.64	2.8772
GENERAL SERVICE 1,000 To 4,999 kW (Co-generation)	2,236.97	3.9077	1.70%	2,275.00	3.9741
STANDBY POWER		3.2276	1.70%	-	3.2825
LARGE USE	21,098.33	2.3545	1.70%	21,457.00	2.3945
STREET LIGHTING	1.71	8.5357	1.70%	1.74	8.6808
SENTINEL LIGHTING	4.81	15.8265	1.70%	4.89	16.0956
UNMETERED SCATTERED LOAD	2.41	0.0207	1.70%	2.45	0.0211
MICROFIT	4.55			4.55	

#### Table 1: Proposed 2021 Distribution Rates

#### 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 \$4.55.

### Revenue-to-Cost Ratio Adjustments

In London Hydro's last cost of service application for May 1<sup>st</sup>, 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).

### Distribution Rate Design for Residential 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 implemented over a period of four years.

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The OEB has issued to London Hydro decisions affecting 2016 Price Cap IR, 2017 Cost of Service, 2018 and 2019 Price Cap IR rates consistent with this policy. In each of the four years of transition, London Hydro continued to follow the approach set out in Tab 16. Rev2Cost\_GDPIPI of the rate generator model.

London Hydro has fully transitioned to fully fixed rate 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.

# Retail Transmission Service Rates (RTRS's)

London Hydro has adjusted Retail Transmission Service Rates ("RTRS"), using the 2021 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 2021 RTSR Model utilizes current 2020 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 2019 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.

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Generic Rate Class	Metered consumption in kWhs (w=o+q))	Metered consumption in kWs (x=p+r)
Residential	1,099,830,560.04	0.00
General Service < 50 kW	395,444,421.75	0.00
General Service >= 50 kW	1,491,318,395.15	3,896,647.70
Large User	110,801,180.53	216,188.64
Sub Transmission Customers	0.00	0.00
Embedded Distributor(s)	0.00	0.00
Street Lighting Connections	16,623,912.16	46,618.69
Sentinel Lighting Connections	541,972.80	1,471.68
Unmetered Scattered Load Connections	5,501,897.51	0.00
Total (Auto-Calculated)	3,120,062,339.94	4,160,926.71

The forecasted 2021 RTRS Network and Connection rates are reflected in Table 2: Forecasted 2021 RTRS – Network and RTRS – Connection Rates below.

Rate Class	Volumetric Metric	Current RTSR Network	Current RTSR Connection	Proposed RTSR Network	Proposed RTSR Connection
RESIDENTIAL	kWh	0.0074	0.0066	0.0071	0.0063
GENERAL SERVICE LESS THAN 50 kW	kWh	0.0070	0.0058	0.0067	0.0056
GENERAL SERVICE > 50 kW to 4,999 kW	kW	2.4370	2.1271	2.3432	2.0376
GENERAL SERVICE > 50 kW to 4,999 kW – Interval Metered	kW	3.1250	2.9640	3.0047	2.8393
GENERAL SERVICE 1,000 To 4,999 kW (Co-generation)	kW	3.6076	3.1353	3.4687	3.0034
LARGE USE	kW	3.2012	2.9640	3.0780	2.8393
STREET LIGHTING	kW	2.1457	1.8729	2.0631	1.7941
SENTINEL LIGHTING	kW	2.1485	1.8755	2.0658	1.7966
UNMETERED SCATTERED LOAD	kWh	0.0070	0.0058	0.0067	0.0056

#### Table 2: Forecasted 2021 RTRS – Network and RTRS – Connection Rates

#### **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, 2019. 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 2021 Rate Generator Model.

Account 1580 Variance WMS – Sub-account CBR Class A has a small credit balance of \$192. Class A customers pay the actual Global Adjustment and Capacity Based Demand Response Program Recovery Amount (CBR), 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, 2019, 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 (\$301,613) credit variance for this account represents the Sub-account CBR balances for Class A (\$192) and Class B (\$301,422) customers.

Account 1580 Variance WMS – Sub-account CBR Class B has a variance of \$136,752 when compared to the RRR 2.1.7 amount and Account 1595 (2018) has an offsetting (\$136,752) variance. These offsetting variances represent the 2016 CBR Class B variance that was transferred for future disposition into 1595 with the 2018 IRM decision (EB-2017-0052) and allocated back into Account 1580 Variance WMS – Sub-account CBR Class B in the Continuity Schedule to allow for disposition with this rate application as explained under Capacity Based Recovery (CBR) section.

Account 1588 RSVA Power balance has a variance of \$83,798 when compared to the RRR 2.1.7 amount which represents the principal adjustments made for change in unbilled amounts and the implementation of the commodity accounting guidance.

Similarly, Account 1589 RSVA Global Adjustment has a variance of \$850,036 when compared to the 2.1.7 RRR balances, as of December 31, 2019, which represents principal adjustments for the change in unbilled and the implementation the commodity accounting guidance. The balance populated by the model for Account 1589 RSVA Global Adjustment also includes the Global Adjustment variance for Class A customers. The Global Adjustment variance for Class A customers is \$536, 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. The Class A balance is insignificant and has not been submitted for disposition with this rate application.

The balance of Account 1568 LRAMVA was updated based on the Final Verified 2017 Annual Results Report for London Hydro issued by the IESO on June 30, 2017 and the most recent Participation and Cost Report issued by the IESO on April 15, 2019. The balance was adjusted to include only the amounts proposed for disposition. The \$1,293,982 difference represents the adjustments made to 2017 LRAMVA based on the 2017 final verified results and the exclusion of LRAMVA for Years 2018 and 2019.

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

Group 1 Accounts:	Account Number			Carrying Charges to Dec. 31, 2019		Audited Ending Balances at Dec. 31, 2019		Continuity Schedule RRR 2.1.7 as of Dec. 31, 2019		Variance RRR vs. 2019 Balance (Principal + Interest)	
Smart Metering Entity Charge Variance	1551	\$	(182,813)	\$	(6,197)	\$	(189,009)	\$	(189,009)	\$	-
RSVA - Wholesale Market Service Charge	1580	\$	(4,145,234)	\$	(146,866)	\$	(4,292,101)	\$	(4,593,714)	\$	(301,613)
Variance WMS – Sub-account CBR Class A	1580	\$	(182)	\$	(9)	\$	(192)	\$	(192)	\$	-
Variance WMS – Sub-account CBR Class B	1580	\$	(295,999)	\$	(5,423)	\$	(301,422)	\$	(301,422)	\$	-
Adjustment for 1595.CBR for future disposition (2018)	18)	\$	(128,765)	\$	(7,987)		(136,752)	\$	-	\$	136,752
RSVA - Retail Transmission Network Charge	1584	\$	2,097,956	\$	108,113		2,206,069	\$	2,206,069	\$	-
RSVA - Retail Transmission Connection Charge	1586	\$	(84,534)	\$	35,651		(48,883)	\$	(48,883)	\$	-
RSVA - Power	1588	\$	940,102	\$	(19,701)		920,401	\$	1,004,199	\$	83,798
RSVA - Global Adjustment	1589	\$	4,579,063	\$	215,760		4,794,822	\$	5,645,394	\$	850,572
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595_(2016)	\$	106,065	\$	(196,589)		(90,524)	\$	(90,524)	\$	-
Disposition and Recovery/Refund of Regulatory Balances (2017)	1595_(2017)	\$	(131,706)	\$	(55,853)		(187,558)	\$	(187,558)	\$	-
Disposition and Recovery/Refund of Regulatory Balances (2018)	1595_(2018)	\$	(156,727)	\$	23,319		(133,408)	\$	(270,160)	\$	(136,752)
Disposition and Recovery/Refund of Regulatory Balances (2019)	1595_(2019)	\$	4,859,439	\$	137,477		4,996,917	\$	4,996,917	\$	-
TOTAL GROUP 1 ACCOUNTS		\$	7,456,664	\$	81,697	\$	7,538,361	\$	8,472,730	\$	632,757
LRAM Variance Account	1568		2.118.814		66.884		2.185.698	\$	2.185.697.6	\$	-
Adjustment based on Final 2017 Verified Results			51,000		2,396		53,395	•	,,	\$	(53,395)
Exclude LRAM for Years 2018 and 2019 (not proposing for disposition	n)		(1,318,107)		(29,271)		(1,347,378)			\$	1,347,378
LRAMVA Claim	,	\$	851,706	\$	40,009	\$	891,715	\$	2,185,698	\$	1,293,983
Total including Account 1568		\$	8,308,371	\$	121,705	\$	8,430,076	\$	10,658,428	\$	1,926,740

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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 2.18% Board prescribed interest rate was applied to the audited December 31, 2019 balances for the period of January 1, 2020 to June 30, 2020 and 0.57% Board prescribed interest rate was applied for the period of July 1, 2020 to April 30, 2021 in the calculation of the total claim. The threshold test resulted in a debit of \$0.0009/kWh which does not exceed the Board established limit of \$0.001/kWh, yet London Hydro proposes to dispose the balances in Group 1 accounts.

#### Table 4: Projected Group 1 Account Balances and Threshold Test

Accounts	Account Number	Principal Net Accruals / Variances Dec. 31, 2019	Carrying Charges to Dec. 31, 2019	Audited Ending Balances at Dec. 31, 2019	Adjustment to Audited Ending Balances at Dec. 31, 2019	Closing Principal Balances as of Dec 31/19 Adjusted for dispositons during 2020	Projected Interest on Dec 31/19 balance adjusted for disposition during 2020 for the period of Jan 1/20 to Jun 30/20 - 2.18%	Projected Interest on Dec 31/19 balance adjusted for disposition during 2020 for the period of Jul 1/20 to Dec 31/20 - 0.57%	Projected Interest on Dec 31/19 balance adjusted for disposition during 2020 for the period of Jan 1/21 to Apr 30/21 - 0.57%	Projected Balances as at Apr 30/21
Group 1 Accounts:										
Smart Metering Entity Charge Variance	1551	(182,813)	(6,197)	\$ (189,009)		\$ (182,813)	\$ (1,982)	\$ (524)	\$ (343)	\$ (191,858)
RSVA - Wholesale Market Service Charge	1580	(4,145,234)	(146,866)	(4,292,101)		(4,145,234)	,	. ,		
Variance WMS – Sub-account CBR Class B	1580	(424,764)	,	(438,174)		(424,764)	,	,		,
RSVA - Retail Transmission Network Charge	1584	2,097,956	108,113	2,206,069		2,097,956	,	,		
RSVA - Retail Transmission Connection Charge	1586	(84,534)	35,651	(48,883)		(84,534)	\$ (916)	\$ (242)	\$ (158)	
RSVA - Power	1588	1,023,899	(19,701)	1,004,199	(83,798)	920,401	\$ 9,978	\$ 2,637	\$ 1,725	\$ 934,741
RSVA - Global Adjustment	1589	5,428,562	215,760	5,644,321	(850,036)	4,794,286	\$ 51,972	\$ 13,738	\$ 8,984	\$ 4,868,981
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	106,065	(196,589)	(90,524)		106,065	\$ 1,150	\$ 304	\$ 199	\$ (88,871)
Disposition and Recovery/Refund of Regulatory Balances (2017)	1595	(131,706)	(55,853)	(187,558)		(131,706)	\$ (1,428)	\$ (377)	\$ (247)	\$ (189,610)
LRAM Variance Account	1568	2,118,814	66,884	2,185,698	(1,293,982)	851,706	\$ 9,233	\$ 2,441	\$ 1,596	\$ 2,198,967
		\$ 5,806,245	\$ (12,207)	\$ 5,794,038	\$ (2,227,816)	\$ 3,801,363	\$ 41,208	\$ 10,893	\$ 7,124	\$ 4,919,430
				Total Claim (inclu	uding Account 1568	)				\$ 4,919,430
				Total Claim for TI	hreshold Test					\$ 2,720,463
Total metered kWh from most recent filing										3,120,062,341
Threshold Test (Total claim per kWh)										0.0009

London Hydro established separate rate riders for the recovery or refund of its deferral and variance accounts. The rate riders have generated using the 2021 IRM Rate Generator Model.

The first rate rider for the Disposition of Deferral / Variance Account Balances derived from the account balances of 1551 Smart Metering Charge Variance Account, 1584 RSVA Network, 1586 RSVA Connection, 1580 RSVA Wholesale Market Service Charge excluding the portion related to the General Service 50 to 4,999 kW rate class and 1588 RSVA Power excluding the portion related to the General Service 50 to 4,999 kW rate class. This rate rider is titled "Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022", and is applicable to all rate classes.

Rate Class	Units	Total Metered kWh less WMP consumption	Allocation of Group 1 Account Balances to All Classes	Rate Rider 1 for Deferral/Varia nce Accounts
RESIDENTIAL SERVICE	kWh	1,099,830,560	-\$ 653,834	- 0.0006
GENERAL SERVICE LESS THAN 50 KW	kWh	395,444,422	-\$ 188,163	- 0.0005
GENERAL SERVICE 50 TO 4,999 KW	kW	3,668,057	\$ 805,014	0.2195
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION)	kW	55,791	-\$ 5,318	- 0.0953
STANDBY POWER	kW	172,800	-\$ 12,376	- 0.0716
LARGE USE SERVICE	kW	216,189	-\$ 47,501	- 0.2197
STREET LIGHTING	kW	46,619	-\$ 10,329	- 0.2216
SENTINEL LIGHTING	kW	1,472	-\$ 217	- 0.1474
UNMETERED SCATTERED LOAD	kWh	5,501,898	-\$ 2,203	- 0.0004
Total			-\$ 114,927	

 Table 5: Proposed 2018 Deferral/Variance Account Rate Riders

The second rate rider for the Disposition of Deferral / Variance Account Balances includes account balances of 1580 RSVA Wholesale Market Service Charge and 1588 RSVA Power related to non-Wholesale Market Participants (non-WMPs) in the General Service 50 to 4,999 kW rate class. This rate rider is applicable to non-WMP customers only in the General Service 50 to 4,999 kW rate class. This rate rider is titled "Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022, Applicable only for Non-Wholesale Market Participants".

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#### Table 6: Proposed 2018 Deferral/Variance Account Rate Riders to non-WMP

Rate Class	Units	Total Metered kWh less WMP consumption	Allocation of Group 1 Account Balances to All Classes	Rate Rider 1 for Deferral/Varia nce Accounts
GENERAL SERVICE 50 TO 4,999 KW	kW	3,641,471	-\$ 1,588,494	- 0.4362
Total			-\$ 1,588,494	

The third rate rider, which is the Global Adjustment Rate Rider, is derived from the balance of account 1589 RSVA Global Adjustment. It was established for non-RPP non-WMP customers.

Table 7: Proposed 2018 RSVA Global Adjustment Rate Riders

Rate Class	Units	Non-RPP Metered Consumption for Current Class B Customers	c	Total GA \$ allocated to Current Class B Customers	Rate Rider 1 for Deferral/Varia nce Accounts
RESIDENTIAL SERVICE	kWh	26,248,269	\$	116,929	0.0045
GENERAL SERVICE LESS THAN 50 KW	kWh	58,367,295	\$	260,010	0.0045
GENERAL SERVICE 50 TO 4,999 KW	kW	846,820,583	\$	3,772,346	0.0045
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION)	kW	7,460,263	\$	33,233	0.0045
STANDBY POWER	kW	15,736,565	\$	70,102	0.0045
LARGE USE SERVICE	kW	-	\$	-	-
STREET LIGHTING	kW	16,623,912	\$	74,055	0.0045
SENTINEL LIGHTING	kW	6,441	\$	29	0.0045
UNMETERED SCATTERED LOAD	kWh	-	\$	-	-
Total			\$	4,326,704	

### 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

London Hydro serves Class A customers who pay the actual GA and do not contribute to the GA variance, Class B customers who pay the first estimate GA rate based on their consumption and contribute to the GA variance, as well as Transition customers who were Class B for only part of the year when the GA variance accumulated.

London Hydro received Board approval of a GA variance in its 2016 IRM Decision and Order (EB-2015-0087), a portion of which was disposed via rate rider to its full year Class B customers and another portion that was disposed via 12 equal adjustments or a one-time settlement according to the preference of each transition customer who contributed to the GA variance during part of the year. In its original submission London Hydro used the 2016 Deferral and Variance Account Continuity Schedule Work Form (2016 EDDVAR Continuity Schedule CoS v2.6) in place of the 2016 IRM Rate Generator Model due to the Rate Rider for Disposition of DVA Accounts did not calculate correctly in the rate model (Ref. Manager's Summary Pg.16). During the 2016 IRM proceeding the OEB requested London Hydro to remove the GA variance attributed to transition customers and leave the GA variance for full year Class B customer only in the Continuity Schedule. (Ref.: Response to IRs for London (Updated) Q1c, dated December 7, 2015, London\_Hydro\_2016\_EDDVAR\_Continuity \_Sch\_CoS\_v2\_6\_Updated V3\_20160317) At that time the rate model did not address the settlement of the partial contribution of GA variance by transition customers. By having the GA variance for full year Class B customers only in the rate model resulted in correct calculation of the GA variance rate riders. The GA variance contributed by the transition (new Class A) customers was calculated manually for each individual customers and submitted in a separate worksheet for disposition with the above referenced response to IRs to Q1a. The total GA variance in the updated schedules was approved for disposition in the related Decision and Order (EB-2015-0087).

Similarly, in the 2017 cost of service (EB-2016-0091) proceeding, the GA variance for the six transition customers was calculated manually based on their actual consumption and invoices. The GA variance for transition customers was removed from the Continuity Schedule via

principal and interest adjustments for each relevant year, calculated individually and submitted in a separate worksheet for disposition. (Ref. \$766,420.13 credit in London Hydro\_Settlement Proposal\_2017\_DVA\_Continuity \_Schedule\_CoS\_v2\_7\_20170209, \$272,957.24 debit in London Hydro\_Settlement Proposal\_2017 DVA Class A B\_20170209, Tab3-GA Allocation New Class A.) Although the 2017 Continuity Schedule allowed the allocation of a portion of the GA variance to transition customers, it calculated the GA variance amount for the six customers incorrectly, therefore London Hydro provided a separate manual calculation for the disposition value, as reflected in Tab3\_GA Allocation New Class A.

Commencing the 2018 IRM rate year London Hydro employed the tabs developed within the rate model to calculate the settlement amount for transition customers.

London Hydro wishes to address the concern expressed in the OEB Staff question #10 (EB-2019-0052) regarding the December 31, 2015 balance of Account 1589 transferred to Account 1595 (2017) as referenced in IR Response, Par. f) and the related follow up inquiry.

London Hydro transferred out the full 2015 GA variance amount approved for disposition in its 2017 cost of service decision and rate order from Account 1589 RSVA GA to Account 1595 Disposition and Recovery/Refund of Regulatory Balances (2017).

The total approved amount is the summary of a \$766,420.13 credit plus interest to Class B customers and a \$272,957.24 debit to Transitional Class A customers, who contributed to the GA variance while they were Class B during the first six months of Year 2015, as described in the responses of EB-2018-0051, Staff Question #2.

The \$493,462.89 GA principal variance accumulated during Year 2015. The transfer of the total principal consists of two amounts: a \$766,420.13 credit, which is a refund to customers via rate rider, and a \$272,957.24 debit, which is a recovery from customers via direct settlement divided into 12 monthly installments. The sum of these two amounts results in a \$493,462.89 credit, which is what was transferred from Account 1589 to Account 1595, and is reflected with the corresponding interest in London Hydro's general ledger.

# Table 8: Summary of the 2015 GA Variance Approved for Disposition and Transferred to 1595(2017) EB-2016-0091

1589 RSVA GA Balance		Principal	Interest	TOTAL
Total GA Variance accumulated during Year 2015 and				
approved for Disposition	\$	(493,462.89) \$	(39,933.19) \$	(533,396.08)
Variance is payable/recoverable to/from Billing Class	Gro	ups as approved:		
Class B Customers only (full year Class B) - Credit Va	riar	nce (refund to cus	tomers)	
Ref: London Hydro_Settlement Proposal_2017 DVA				
Continuity Schedule_20170209.XLSM	\$	(766,420.13) \$	(45,593.26) \$	(812,013.39)
Transition (New Class A) Customers only - Debit Var	ian	ce (recoverable fr	om customers)	
Ref: London Hydro Settlement Proposal 2017 DVA			,	
Class A B_20170209.XLSM	\$	272,957.24 \$	5,660.07 \$	278,617.31
Total Variance Transferred to 1595 (2017)				
2020 Continuity Schedule - Cells BE29 and BJ29				
2021 Continuity Schedule - Cells AK29 and AP29	\$	(493,462.89) \$	(39,933.19) \$	(533,396.08)
Difference between approved amount and transferred				
amount	\$	- \$	- \$	-

The GA Allocation tab in the Rate Generator Model allocates part of the GA variance to transition customers based on their consumption level while they were Class B compared to the total Class B consumption. The methodology assumes that the GA price variance is at the same level throughout the year and the transition customers' portion is equivalent of the percentage of their Class B consumption level. The difference between the First Estimate GA price billed to customers and the Final Actual GA price paid by the distributor to the IESO significantly fluctuates from month-to-month. Consequently, the contribution level to the GA variance by transition customers are affected by their month-specific consumption level and the month-specific GA price variance.

The GA price variance average in the first half of Year 2015 was \$4.34/MWh and (\$0.81) in the second half of the year.

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Year 2015		Jan		Feb		Mar		Apr		May		Jun
1st Estimate (\$/MWh)	\$	55.49	\$	69.81	\$	36.04	\$	67.05	\$	94.16	\$	92.28
2nd Estimate (\$/MWh)	\$	61.61	\$	40.95	\$	57.40	\$	92.68	\$	97.30	\$	97.68
Actual Rate (\$/MWh)	\$	50.68	\$	39.61	\$	62.90	\$	95.59	\$	96.68	\$	95.40
GA Price Var Avg (\$/MWh)	\$	(4.81)	\$	(30.20)	\$	26.86	\$	28.54	\$	2.52	\$	3.12
GA Price Variance Average (\$/MWh)							\$	4.34				
Year 2015		Jul		Aug		Sept		Oct		Nov		Dec
1st Estimate (\$/MWh)	\$	88.88	\$	88.05	\$	82.70	\$	63.71	\$	76.23	\$	114.62
2nd Estimate (\$/MWh)	\$	84.13	\$	73.55	\$	71.91	\$	71.93	\$	124.48	\$	88.09
												04 74
Actual Rate (\$/MWh)	\$	78.83	\$	80.10	Ş	67.03	Ş	75.44	Ş	113.20	Ş	94.71
Actual Rate (\$/MWh) GA Price Var Avg (\$/MWh)	T		Ŧ	00.10						<b>36.97</b>		6 (19.91)

The transition (new Class A) customers contributed to the variance during the first half of the year when the first estimate GA price billed to customers was lower than the final GA price that London Hydro paid to the IESO in most months. Therefore, during the first half of the year, London Hydro did not recover the paid GA costs from its non-RPP customers, and consequently, the customers owed the GA price difference to London Hydro.

The GA variance amount contributed by the transition (new Class A) customers during the first half of the year was calculated individually for each six customers. The \$272,957.24 RSVA GA principal represents their contribution to the GA variance, which is a debit value these customers owed to London Hydro.

It is notable that the usage volume of the six transition customers were higher during the months when the first estimate GA price was a debit – GA billed to customers was lower than the final GA price that London Hydro paid to the IESO. These customers had lower consumption in January and February of 2015 when the first estimate GA price billed to customers was higher than the final GA price London Hydro paid to the IESO.

Therefore, a recovery (debit) amount is expected from the six transitional customers based on their consumption and the GA price variance during that time period when they contributed to the variance.

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During the second half of 2015, the average GA price variance was a credit (\$0.81)/MWh, which supports the result of a refund to the regular Class B customers, especially considering that during the summer months such customers would have a higher consumption and the GA price variance was a credit. A credit GA price variance indicates that the first estimate GA price billed to customers was higher than the final GA price that London Hydro paid to the IESO, and therefore, the Class B customers are entitled for a refund for the year.

As described above, the full amount was transferred out – a sum of a (\$812,013.39) credit (refund) and a \$278,617.31 debit (recovery) - from Account 1589 and included in Account 1595. No further transfer is required.

1589 RSVA GA Balance allocated to Billing Class Group	Principal Amount	Interest	Total Amount
Refund to Class B Customers via Rate Riders	\$ (766,420.13)	\$ (45,593.26)	\$ (812,013.39)
Recovery from Transitional (New Class A) Customers via 12 monthly payments	\$ 272,957.24	\$ 5,660.07	\$ 278,617.31
Transfer from Acct 1589 to Acct 1595	\$ (493,462.89)	\$ (39,933.19)	\$ (533,396.08)

Tab 3 Continuity Schedule of the 2020 IRM Rate Generator Model reflects the full amount transferred out:

Formulae in Cell AU29 - OEB-Approved Disposition during 2017 Principal: =-766420.13+272957.24 result in (493,462.89) (credit)

Formulae in Cell AZ29 - OEB-Approved Disposition during 2017 Interest:

=-45593.26+5660.07 result in (39,933.19) (credit)

Tab 3 Continuity Schedule of the 2021 IRM Rate Generator Model reflects the full amount transferred out:

Formulae in Cell AK29 - OEB-Approved Disposition during 2017 Principal: =-766420.13+272957.24 result in (493,462.89) (credit)

Formulae in Cell AP29 - OEB-Approved Disposition during 2017 Interest:

=-45593.26+5660.07 result in (39,933.19) (credit)

London Hydro currently bills all Class B non-RPP customers using the IESO's Global Adjustment first estimate price and all Class A customers are billed the actual 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 cost, 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 2021 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

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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 or via one-time settlement depending on the customer's preference. 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 9: 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.

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
July 1, 2018 - June 30, 2019	48	0.00351899
July 1, 2019 - June 30, 2020	49	0.00327257

#### Table 9: Class A Customers

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. On July 1, 2018, the number of Class A customers increased to 48 and on July 1, 2019 it increased to 49.

### Global Adjustment Analysis Work Form

Starting for 2018 rate applications, London Hydro must complete the GA Analysis Work Form. This work form helps the OEB to assess the reasonability of the annual balance in Account 1589. The work form compares the General Ledger principal balance to an expected principal balance based on monthly non-RPP consumption volumes, GA 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.

London Hydro completed the GA Analysis Work Form considering the Accounting Procedures Handbook Update – Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589, issued on February 21, 2019. The GA Analysis Work Form is provided as a live excel file in Attachment G.

London Hydro notes with reference to the OEB Staff Questions (EB-2019-0052) that the GA Analysis Work Form submitted with earlier applications reflected the RPP related GA allocations based on the methodology to determine RPP versus Non-RPP percentage that was available at that time. The accuracy of determining percentages depends on the accuracy of consumption statistics available. The evolvement of this methodology is described in the next section. With more accurate billed consumption statistics more accurate allocation is available of relevant costs and unbilled estimates. The 2021 GA Analysis Work Form reflects items allocated between 1588 and 1589 using the most recent and accurate RPP and Non-RPP percentage allocation methodology.

The GA Analyses tabs reflect the reconciliation of the GA variance for each year that London Hydro carries principal balances for. Each of the reconciling items explained within the work form and reason provided where no principal adjustment is required. Principal adjustments entered in the Continuity Schedule are reflected on the Principal Adjustment tab with description.

London Hydro accrues unbilled revenue at year-end based on actual customer billings in the following year for consumption related to the current year. London Hydro also books the year-end accrual for cost of power based on the actual IESO invoice. The RPP settlement true-up

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values are also calculated and booked with the year-end accrual. Therefore, the difference between the year-end accrual and actual energy billing is minimal in the following year. The final true-up of RPP settlement may also have minor difference compared to the accrual. The proportion of RPP related CT 148 GA cost will need to be trued up in the following year. London Hydro did not adjust the Continuity Schedule for 2016 unbilled values because they were not significant. The difference between the 2016 accrual and actual transactions rolls forward into Year 2017 and becomes part of the 2017 principal. Since these differences were not included in the 2018 disposition, there should not be any reversing principal adjustments entered on the Continuity Schedule. Effective 2017, London Hydro records the unbilled values as principal adjustments on the Continuity Schedule to adjust the principal for disposition to be relevant for only the year it clears on a final basis.

Principal adjustments were recorded for the results of the review performed in light of the new accounting guidance implementation. The adjustments titled "New Comm Accg Guidance – switch from Method B" related to Year 2017 and 2018 are booked in 2019 for the allocation of CT 148 RPP related GA costs and CT 142 RPP GA Credits from 1589 to 1588. The allocation of RPP related cost was determined using the RPP percentage available at that time from the billing statistics. The adjustments related to Years 2017 and 2018 are reflected in each relevant year in the Continuity Schedule, then reversed in 2019. Principal adjustments titled "Final true-up of CT 148 RPP portion" were booked in Year 2020 based on the percentage determined by using billed consumption statistics accurately reflecting the actual meter reads. Principal adjustments. Phase 2 implementation took place in Year 2020 and affected only Account 1588. Phase 2 adjustments are titled "New Comm Acctg Guidance (Ph2) – Final true-up of CT 142".

Reconciling items not requiring principal adjustments include significant prior period GA charges by the IESO, differences in GA IESO posted price and the price charged on the IESO invoice, and the differences in actual system losses and the billed TLF.

In 2017, the IESO invoiced significant prior period GA adjustments to London Hydro for years 2011-2016. These adjustments created a material difference between the expected GA price variance calculated in Note 4 and the actual principal accumulated in 2017. These prior year GA charges are listed as Reconciling Item 6 in 2017. In 2018 and 2019 there were differences between the GA IESO posted price and the GA price charged on the IESO invoice. These costs

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were allocated between 1588 and 1589 based on the RPP and Non-RPP percentage. No principal adjustment required, these costs are part of the principal and should be included in the disposition.

The GA variance also includes differences in actual system losses and the OEB-approved billed loss factor (TLF). London Hydro finds that since the TLF was updated in May 2017, it consistently does not recover the full system loss by uplifting the metered consumption.

### Commodity Accounts 1588 and 1589

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, unbilled cost and 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 is completed by the second month after the initial recording of results for the current month, except at year-end when the general ledger remains open until the December 31<sup>st</sup> consumption is billed to the customers (approximately 48 days later) and billing results become available to update the unbilled accruals. The general ledger is then updated with the final results for both November and December.

The Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589, issued on February 21, 2019, is effective January 1, 2019 and required to be implemented by August 31, 2019. The Filing Requirements also require the distributors to confirm as part their application that the new accounting guidance was implemented, a review of historical balances was performed, provide a summary of the review and its findings and description of adjustments made to the balances.

London Hydro implemented the new accounting guidance in two phases. Phase 1 of the implementation was completed in Year 2019 and the related adjustments were booked in the general ledger. Phase 1 implementation involved changing the GA methodology from Method B to Method A and change the IESO invoice coding accordingly, identify and allocate RPP related CT 148 GA costs and CT 142 GA credits according to the accounting guidance, develop a database for billing statistics by consumption month versus invoice posting month to determine

the RPP versus Non-RPP percentage for Class B customers and revise the unbilled calculation process to accrue energy by price level.

London Hydro has had billing statistics based on invoices posted from the billings system to the general ledger. These statistics provide consumption statistics as customers billed in each billing cycle. The billing cycles for most customers overlap two consecutive months and not reflect the consumption in the month when the electricity was consumed. In order to determine the consumption for a month, London Hydro employed a proration methodology that equally prorated the billed consumption over the days within the billing cycle and distributed those volumes between the billed months. During Phase 1 implementation an improved proration methodology was used considering weather factors to better prorate consumption billed for the months within the billing cycle. The RPP and Non-RPP percentage was determined by using these new prorated consumption statistics.

London Hydro was calculating its unbilled energy for RPP customers using an average RPP price and estimated the RPP consumption based on prior year average. The unbilled calculation was improved by estimating the RPP energy at the price level detail.

Until 2019, London Hydro used Method B to book the GA costs and CT 142 GA credit. Method B is described in Appendix A of the GA Analysis Work Form Instructions under 1. Approach to recording CT 1142/142 and CT 148. Under Method B CT 148 is booked into 1589. The portion of CT 142 equaling RPP minus HOEP for RPP consumption is booked into 1588. The portion of CT 142 equaling GA credit related to RPP consumption is credited into 1589. Total CT 148 GA cost less CT 142 GA credit should equal with CT 148 Non-RPP GA costs. During Phase 1 of the implementation process London Hydro found that it required to make adjustments for the change in GA methodology. CT 148 transactions were reviewed, the RPP percentage was applied and the RPP related costs were calculated. CT 142 GA credit transactions for RPP consumption were also reviewed and compared against the RPP portion of CT 148 GA cost. The net difference was deemed material and allocated out from GA costs to power costs effectively landing in 1588. London Hydro also reviewed its historical balances in 2017 and 2018, for which it carries principal variances, and made the required adjustments, as well. The net effect of the adjustments were, in some cases, at the level of the carried principal balance. therefore the adjustments were booked. Whereas the power variance is dispositioned to the entire customer base, the GA variance only attributed to Class B Non-RPP customers.

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Each adjustments are identified and explained in the 2021 GA Analysis Work Form on the yearspecific GA analyses tabs as well as on the Principal Adjustments tab. Adjustments labelled "New Acct Guidance – switch from Method B" reflects adjustments related to the allocation of RPP related CT 148 GA costs and CT 142 GA credit from 1589 to 1588. The first set of such adjustments were booked in 2019 during the implementation process and the appropriate accounting methodology is used going forward. CT 148 is allocated using an annual average RPP vs Non-RPP percentage, then trued up two months later between 1588 and 1589 when customer billings are completed for the given month and the billed consumption statistics is finalized.

London Hydro continued to improve its billed consumption statistics with the intent to determine the accurate RPP and Non-RPP consumption proportions and have a centralized database that it can use to support all related accounting and reporting requirements. By 2020, a database was developed to provide invoiced volumes reconciled to ledger postings and billed consumption volumes based on the actual meter readings for each month. This database provides consumption for each customer for the first to the last day of the month, as well as categorizes the billed and unbilled consumption. The RPP and Non-RPP percentage is now based on the actual hourly meter reads and the calculation no longer employs proration methods. London Hydro trued-up the CT 148 GA costs in its commodity principal balances based on the improved actual percentage in 2020.

As part of Phase 2 implementation of the accounting guidance, London Hydro reviewed again its processes and evaluated its compliance with the requirements. It concluded, that the settlement process also required updates and notes with reference to the OEB Staff Questions (EB-2019-0052) the process changes implemented in Year 2020. London Hydro utilized the commodity model and updated its process to calculate CT 142 at wholesale level. London Hydro recalculated its settlement for the years it carries principal balances to true-up CT 142 from retail level to wholesale level and booked the resulting adjustments in 2020. These principal adjustments are listed in the GA Analysis Work Form and titled "New Comm Acctg Guidance (Ph2) – Final true-up of CT 142" and reflected in the Continuity Schedule.

London Hydro uses the Second Estimate Rate for the initial settlement submission. London Hydro accrues the cost of power based on the IESO invoice and the initial settlement. It allocates GA costs based on an annual average between 1588 and 1589. It also recalculates

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CT 142 with the actual paid GA rate and records the difference in its general ledger between the initial settlement with the second estimate and the recalculated amount with the actual paid rate. Therefore, the financial results reflect the settlement in the current month with the final paid rate. During the review it was identified that the true-up of the second estimate GA price with the actual paid GA price and volume differences submitted two months later to the IESO. Also, London Hydro now applies the actual invoiced (paid) GA price in the settlement true-up calculation. Two months later the proportion of GA costs are also trued-up based on the RPP/Non-RPP percentages calculated using the actual meter reads. London Hydro is working on separating the true-up of GA price from the volume true-up and submit this portion in the month following the initial submission. London Hydro is committed to complete this final step of Phase 2 implementation by the end of the year.

London Hydro is confident that the Continuity Schedule reflects accurate principal amounts for each customer group considering the commodity accounting guidance requirements.

London Hydro proposes the disposition of commodity account balances in this rate application.

Year	Principal Accumulated		hange in Unbilled		C.Acc. Guid. Ph1 - 2019		C.Acc. Guid. Ph1 - 2020		C.Acc. Guid. Ph2 - 2020		Principal for disposition
Year 2017	\$ (755,160)	\$	90,335	\$	664,343	\$	130,333	\$	(410,928)	\$	(281,077)
Year 2018	\$ 426,018	\$	(278,189)	\$	355,619	\$	195,021	\$	33,549	\$	732,018
Year 2019	\$ 1,353,041	\$	(298,899)	\$	(1,019,963)	\$	495,848	\$	(40,867)	\$	489,160
	\$ 1,023,899	\$	(486,753)	\$	-	\$	821,202	\$	(418,246)	\$	940,102
1589 RSVA GA											
	Principal	С	hange in	(	C.Acc. Guid.	(	C.Acc. Guid.	C	C.Acc. Guid.	F	Principal for
Year	Accumulated	ļ	Unbilled		Ph1 - 2019		Ph1 - 2020		Ph2 - 2020		disposition
Year 2017	\$ 2,901,221	\$	211,850	\$	(664,343)	\$	(130,333)			\$	2,318,396
Year 2018	\$ 433,297	\$	(616,291)	\$	(355,619)	\$	(195,021)			\$	(733,634)
Year 2019	\$ 2,094,580	\$	375,607	\$	1,019,963	\$	(495,848)			\$	2,994,301
	\$ 5,429,098	\$	(28,834)	\$	-	\$	(821,202)	\$	-	\$	4,579,063

1588 RSVA Power

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## **Certification of Evidence**

Certification of Evidence that London Hydro has robust processes and internal controls in place for the preparation, review, verification and oversight of account balances being disposed is included with this application in Attachment A.

## Capacity Based Recovery (CBR)

London Hydro followed the accounting guidance on the disposition of CBR variances. In Tab 1. Information Sheet 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 as described in Chapter 3 of the Filing Requirements under Section 3.2.5.4 Capacity Based Recovery. 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, London Hydro proposed the disposition of the CBR Class B variance that accumulated during Year 2016. London Hydro had two customers who transitioned from Class A to Class B during Year 2016. Their portion of the CBR variance was allocated in Tab 6.2 CBR B\_Allocation based on their consumption during Year 2016 when they were Class B customers. The remaining CBR Class B amount allocated to Class B customers in Tab 6.2 CBR B 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.

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## Contario Energy Board

# **Incentive Regulation Model for 2018 Filers**

The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-Please select the Year(s) in which CBR Class B Balance accumulated in Cell B13.

		Total Metered Consumption Min			re Class A for C ss B balance a	Total Metered 2016 Consumption for Customers that Transitioned Between Class J and B during the period CBR Class B balanc accumulated			
		kWh	kw	kWh	kW	kWh	kw		
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,090,996,379	0	0	0	0	0		
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	393,919,990	0	0	0	0	0		
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	1,481,119,683	3,731,115	60,289,416	144,348	20,397,642	50,057		
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kWh	18,045,480	88,639	37, 705, 583	165,831	5,628,989	63,399		
STANDBY POWER SERVICE CLASSIFICATION	kWh	31,514,967	154,800	0	0	0	0		
LARGE USE SERVICE CLASSIFICATION	kWh	132,844,272	258,044	127, 764, 620	242,918	0	0		
STREET LIGHTING SERVICE CLASSIFICATION	kWh	21,678,933	59,984	0	0	0	0		
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	713,687	1,940	0	0	0	0		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,610,879	0	0	0	0	0		
	Total	3,176,444,270	4,294,522	225, 759, 619	553,098	26,026,632	113,456		



The purpose of this tab is to calculate the CBR rate rive Account 1580, sub-account CBR Class B balance accumulated. Please select the Year(s) in which CBR Class B Balance accumulated in Cell B13.

	Metered Consumption for C B Customers (Total Consu VMP, Class A and Tra Customers' Consum kWh	mption LESS	% of total k¥h	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit	
RESIDENTIAL SERVICE CLASSIFICATION GENERAL SERVICE LESS THAN 30 KW SERVICE CLASSIFICATION GENERAL SERVICE 30 TO 4,999 KW SERVICE CLASSIFICATION SERVICE CLASSIFICATION STANDBY POWER SERVICE CLASSIFICATION LARGE USE SERVICE CLASSIFICATION STREET LIGHTING SERVICE CLASSIFICATION SENTINEL LIGHTING SERVICE CLASSIFICATION UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	1,090,996,379 333,919,990 1,400,432,624 (25,289,092) 31,514,967 5,079,652 21,678,933 713,687 5,610,873 2,546,58,019	0 0 3,536,710 (140,591) 154,800 15,126 59,984 1,940 0 3,627,968	37.3% 13.5% 47.3% -0.3% 1.1% 0.2% 0.7% 0.0% -0.2% 100.0%	(\$49,291) (\$17,797) (\$63,271) \$1,143 (\$1,424) (\$229) (\$379) (\$32) (\$253) (\$122,133)	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	kWh kWh kW kW kW kW kW kW	If the allocated Account 1580 sub-account CBR Class B amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is to transfer the entire OEB-approved CBR Class B amount into account 1595 for disposition at a later date (see Accounting Guidance, Capacity Based Recovery July 25, 2016)

The 2018 IRM rate generator model, according to the Accounting Guidance, required the distributor to transfer the CBR Class B variance into account 1595 for disposition at a later date.

"If the allocated Account 1580 sub-account CBR Class B amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is to transfer the entire OEB-approved CBR Class B amount into account 1595 for disposition at a later date (see Accounting Guidance, Capacity Based Recovery July 25, 2016)." – 2018 IRM Rate Generator Model, Tab 6.2 CBR B, Cell O17. The OEB approved the disposition of the (\$133,414) CBR B variances as requested in its Decision and Rate Order, Page 8, Table 6.2: Group 1 Deferral and Variance Account Balances, EB-2017-0052, issued March 22, 2018.

2016 RSVA WMS CBR Class B	Principal	Interest	Тс	Total Variance		
Transition Customers	\$ (1,246.89)	\$ (32.63)	\$	(1,279.52)		
Class B Customers	\$ (128,765.32)	\$ (3,369.41)	\$	(132,134.73)		
TOTAL	\$ (130,012.21)	\$ (3,402.04)	\$	(133,414.25)		

The portion of the CBR B variance related to transition customers was settled with the two transition customers.

Customer	Customer Specific CBR Class B Docation During the Period They Were a Class B Customer	Monthly Equal Payments			
Customer 1	\$ (265.95)	\$	(22.16)		
Customer 2	\$ (1,013.57)	\$	(84.46)		
Total	\$ (1,279.52)	\$	(106.63)		

The remaining (\$128,765.32) credit CBR B variance amount plus interest was transferred to Account 1595 Disposition and Recovery/Refund of Regulatory Balances (2018) Sub-account CBR B ("1595.2018.CBRB") for future disposition.

In this rate application, London Hydro proposes the disposition of the 2016 CBR B variance in Account 1595.2018.CBRB along with the CBR Class B variances accumulated in Account 1580 Variance WMS – Sub-account CBR Class B during Years 2017, 2018 and 2019.

CBR B Variances	Principal	_	nterest to pr 30, 2021	Total Claim
2016 Variance (1595.2018.CBRB)	\$ (128,765.32)	\$	(10,034.55)	\$ (138,799.87)
2017 Variance (1580.CBRB)	\$ (27,798.27)	\$	(1,776.96)	\$ (29,575.23)
2018 Variance (1580.CBRB)	\$ (54,611.32)	\$	(2,822.91)	\$ (57,434.23)
2019 Variance (1580.CBRB)	\$ (213,589.16)	\$	(5,393.19)	\$ (218,982.35)
TOTAL	\$ (424,764.07)	\$	(20,027.61)	\$ (444,791.68)

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The Continuity Schedule in the rate model does not allow the disposition of amounts in Account 1595 (2018). In order to include the CBR amount accumulated during 2016, which was transferred for future disposition to Account 1595.2018.CBRB, London Hydro made adjustments in the Continuity Schedule to the Principal Adjustments to 2018 and Interest Adjustments to 2018 and 2019, Columns AV, BA and BK respectively, to remove the CBR B amount and related interest from Account 1595.2018.CBRB and include it in Account 1580 Variance WMS – Sub-account CBR Class B. The rationale for this adjustment is that it would not be appropriate to hold the 2016 CBR B variance while disposing the variances accumulated during subsequent years, from 2017 to 2019.

Principal Transactions		2016	2017		2018	Principal settled with Transition Cust. in 2018	Principal Transferred to 1595 Sub-Acct for future disposition	Cont.Sch Col.AV Reverse Tra from 159 include in dispositi	V ansfer 5 to 2021	2	2019	2019 (adj from 1595 to 1580.CBRB)	2020	202 Jan-/		Principal Claim
2016 Variance (1580.CBRB)	\$ (	130,012.21)				\$1,246.89	\$ 128,765.32	\$ (128,	765.32)							\$(128,765.32
2017 Variance (1580.CBRB)			\$ (27,798.27	,												\$ (27,798.27
2018 Variance (1580.CBRB)				\$	(54,611.32)											\$ (54,611.32
2019 Variance (1580.CBRB)										\$ (21	13,589.16)					\$(213,589.16
2016 Variance (1595.2018.CBRB)							\$ (128,765.32)	\$ 128,7	765.32							\$-
TOTAL	\$ (	130,012.21)	\$ (27,798.27)	\$	(54,611.32)	\$1,246.89	ş -	\$	-	\$ (21	13,589.16)	\$ -	\$ -	\$	-	\$(424,764.07
Interest		2016	2017		2018	Interest settled with Transition Cust in 2018	Interest Transferred to 1595 Sub-Acct for future disposition	Cont.Sch. C Reverse Tra and Interes Disp. from 1 include in disposit	ansfer t after 1595 to 2021	2	2019	Cont.Sch. Col.BK 2019 (adj from 1595 to 1580.CBRB)	2020	202 Jan-/		Interest Claim
Interest 2016 Variance (1580.CBRB)	\$	<b>2016</b> (1,199.71)	-	) \$	<b>2018</b> (682.82)	settled with Transition Cust in 2018	Transferred to 1595 Sub-Acct for future disposition	Reverse Tra and Interes Disp. from 1 include in dispositi	ansfer t after 1595 to 2021	2		Col.BK 2019 (adj from 1595 to		Jan-	Apr	
	\$		-			settled with Transition Cust in 2018	Transferred to 1595 Sub-Acct for future disposition	Reverse Tra and Interes Disp. from 1 include in dispositi	ansfer t after 1595 to 2021 ion	\$		Col.BK 2019 (adj from 1595 to 1580.CBRB)		Jan-,	Apr	Claim \$ (10,034.55
2016 Variance (1580.CBRB)	\$		\$ (1,561.21		(682.82)	settled with Transition Cust in 2018	Transferred to 1595 Sub-Acct for future disposition	Reverse Tra and Interes Disp. from 1 include in dispositi	ansfer t after 1595 to 2021 ion	\$		Col.BK 2019 (adj from 1595 to 1580.CBRB)	\$ (1,764.88)	Jan-, \$ (24 \$ (5	Apr 41.31)	Claim \$ (10,034.55 \$ (1,776.96
2016 Variance (1580.CBRB) 2017 Variance (1580.CBRB)	\$		\$ (1,561.21	\$	(682.82) (518.25)	settled with Transition Cust in 2018	Transferred to 1595 Sub-Acct for future disposition	Reverse Tra and Interes Disp. from 1 include in dispositi	ansfer t after 1595 to 2021 ion	\$	(624.52)	Col.BK 2019 (adj from 1595 to 1580.CBRB)	\$ (1,764.88) \$ (381.01)	Jan-, \$ (24 \$ (5 \$ (10	Apr 41.31) 52.10)	Claim \$ (10,034.55 \$ (1,776.96 \$ (2,822.91
2016 Variance (1580.CBRB) 2017 Variance (1580.CBRB) 2018 Variance (1580.CBRB)	\$		\$ (1,561.21	\$	(682.82) (518.25)	settled with Transition Cust in 2018	Transferred to 1595 Sub-Acct for future disposition	Reverse Tra and Interes Disp. from 1 include in dispositi \$ (5,0	ansfer t after 1595 to 2021 ion 093.84)	\$ \$ \$	(624.52) (1,226.87) (2,065.47)	Col.BK 2019 (adj from 1595 to 1580.CBRB)	\$ (1,764.88) \$ (381.01) \$ (748.53)	Jan-, \$ (24 \$ (5 \$ (10	Apr 41.31) 52.10) 02.35)	Claim \$ (10,034.55 \$ (1,776.96 \$ (2,822.91

The rate model generates Tab 6.2a CBR B\_Allocation for transition customers 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.

Although, London Hydro had its Group 1 balances last disposed for 2016 variances, the CBR B balances were not disposed, simply transferred to Account 1595.2018.CBRB for future disposition. Therefore, London Hydro entered 2015, as last disposition year, on Tab 1. Information Sheet under 3a to allow the input of 2016 consumption information for Class A and Transition customers on Tab 6 Class A Consumption Data. The two transition customers who

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were already settled for their portion of the 2016 CBR variance were treated as full year Class A customers for Year 2016 to avoid calculating again a 2016 settlement value for them. On Tab 6.2a the portion of the CBR B variance is allocated to the remaining transition customers based on their customer specific consumption level while they were Class B customer during years 2016-2019. The appropriate rate riders were calculated for Class B customers on Tab 6.2 CBR B.

Rate Class	Units	Metered Consumption	-	ariance Account Class Allocation (\$ amounts)	ate Rider LRAMVA
RESIDENTIAL SERVICE	kWh	1,099,830,560	\$	(181,752.00)	\$ (0.0002)
GENERAL SERVICE LESS THAN 50 KW	kWh	395,444,422	\$	(65,349.00)	\$ (0.0002)
GENERAL SERVICE 50 TO 4,999 KW	kW	2,586,488	\$	(162,779.00)	\$ (0.0629)
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION)	kW	44,941	\$	(1,233.00)	\$ (0.0274)
STANDBY POWER	kW	60,000	\$	(2,601.00)	\$ (0.0434)
LARGE USE SERVICE	kW	0	\$	-	\$ -
STREET LIGHTING	kW	46,619	\$	(2,747.00)	\$ (0.0589)
SENTINEL LIGHTING	kW	1,472	\$	(90.00)	\$ (0.0611)
UNMETERED SCATTERED LOAD	kWh	5,501,898	\$	(909.00)	\$ (0.0002)
Total			\$	(417,460.00)	

Table 13: Rate Riders for Capacity Based Recovery Class B Customers

# 1595 Analysis Work Form

Starting with the 2019 rate applications, the distributor must file the 1595 Analysis Work Form if it meets the eligibility requirements for disposition of residual balances of the 1595 subaccounts. Account 1595 sub-accounts become eligible for disposition one year after the associated rate riders' sunset dates have expired and the residual balances have been audited.

The work form compares the amounts previously approved for disposition, both principal and interest, with the remaining balances after recoveries/refunds. Any material residual account balance requested for disposition must be explained.

London Hydro completed the 1595 Analysis Work Form and provided as a live excel file in Attachment F for both 2016 and 2017. No material residual balances were identified. The residual balances are presented as of April 30, 2021 and correspond with the total claim for the accounts in the Continuity Schedule.

London Hydro proposes the disposition of 1595 residual balances from Year 2016 and 2017 in this rate application.

# 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.

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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.

On March 20, 2019 the Minister of Energy, Northern Development and Mines issued a directive to the IESO in which the 2015-2020 Conservation First Framework was concluded and replaced with a 2019-2020 Interim Framework, under which the IESO was tasked to streamline and centrally deliver refocused CDM programs.

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:

- 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 and 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 received Board approval for the recovery of an LRAMVA amount of \$853,740 in its 2019 IRM rate application (EB-2018-0051). This amount consisted of lost revenues from the 2016 CDM programs, 2016 Adjustments in 2017 and the 2011-2015 programs savings persisting in year 2016. The calculated amount was based on the Final 2016 Annual Verified Results and the adjustments in the Final 2017 Annual Verified Results issued by the IESO for London Hydro. The resulting rate riders expired on April 30, 2020.

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 been 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 and 2016 verified program results.

The IESO will not issue further final verified annual program results reports. In its place, the IESO made the monthly Participation and Cost Report available to distributors for the period of January 1, 2018 to April 15, 2019. This report contains the incremental first year energy savings and program specific persistence information. The LDC is to apply net-to-gross values and gross realization rates to post-2017 gross unverified savings values from the *2017 Final Verified Annual Program Results*. The Participation and Cost Report issued in April 2019 includes some 2017 unverified energy savings as well as adjustments to the 2015 and 2016 verified program results.

The requested amount in Account 1568 LRAMVA for recovery in this application includes the lost revenues from the 2017 CDM programs, 2017 Adjustments in 2018 and the 2011-2016 programs savings persisting in year 2017, as well as applicable carrying charges up to April 30, 2021.

London Hydro utilized the OEB model Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form – Version 5.0 (2021), updated on June 20, 2020, 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 1.50% applied 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, 2.17% applied for the period of October 1, 2018 to December 31, 2018, 2.45% applied for the period of January 1, 2019 to March 31, 2019, 2.18% applied for the period of April 1, 2019 to June 30, 2020 and 0.57% applied for the period of July 1, 2020 to April 30, 2021 to the opening principal balance. The projected balance is \$905,045, and it is proposed for recovery via volumetric rate riders.

## Table 14 – Account 1568 LRAMVA Balance

LRAMVA Account	Accruals ariances	rrying harges	Ва	Ending lances at c. 31, 2016	Pro	ojected Interest Jan 1/18 to Apr 30/21	В	Projected alances as at Apr 30/19
1568 LRAMVA	\$ 851,706	\$ 5,004	\$	856,710	56,710 \$ 48,334		\$	905,045

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 12 – 2013 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.

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#### Table 15 – 2013 Expected Savings for LRAM Variance Account

Table 3-20: 2013 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).

Rate class specific expected energy and demand savings from CDM activities incorporated into the LRAMVA calculation from the 2017 Cost of Service rate application is shown in Table 13 – 2017 Expected Savings for LRAM Variance Account. This table is titled as "*Table 16: LRAMVA Baseline kWhs and kWs*" in the Decision and Rate Order, EB-2016-0091, Tab 1 of 1 Settlement Agreement, Page 32.

### Table 16 – 2017 Expected Savings for LRAM Variance Account

Table 16: LRAMVA Baseline kWhs and kWs									
	Residential	GS<50	GS>50	Large User	Cogeneration	Street Lighting	Sentinels	USL	Total
kWh	9,641,185	27,433,333	4,106,000	23,333,333		5,600,000			70,113,851
kW			10,470	44,917		15,680			71,067

### 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 2011-2015 programs and their persistence up to 2016, and lost revenues from 2016 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 2017.

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Energy and peak demand savings from CDM programs commencing in Year 2017 are calculated based on the *Final 2017 Annual Verified Results Report London Hydro Inc.*, issued on June 29, 2018 by the IESO. This report included adjustments in 2017 to the 2015 and 2016 verified results in addition to the 2017 programs, which were not included in the *Final 2015 Annual Verified Results* and the *Final 2016 Annual Verified Results Reports*. The Participation and Cost Report issued in April 2019 includes some 2017 unverified energy savings as well as adjustments to the 2015 and 2016 verified program results. The adjustments were updated in the LRAMVA Work Form for each year.

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 2011-2017. 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. The net demand kW savings for the adjustments from the April 2019 Participation and Cost Report was calculated using the average kW/kWh ratios from the 2017 Annual Verified Results, or earlier years where applicable, of the same program. 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 totalized 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.

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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 if for the remaining eight months (May to December). The summary of the two prorated value 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 2017 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.

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Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$524,834	\$32,868	\$557,702
GS<50 kW	kWh	\$74,494	\$4,665	\$79,159
General Service 50 - 4,999 kW	kW	\$457,439	\$28,647	\$486,087
Co-Generation 1,000 - 4,999 kW	kW	\$26,030	\$1,630	\$27,660
Large User	kW	-\$100,757	-\$6,310	-\$107,067
Street Lighting	kW	-\$130,334	-\$8,162	-\$138,496
Sentinel Lighting	kW	\$0	\$0	\$0
Unmetered Scattered Load	kWh	\$0	\$0	\$0
Total		\$851,706	\$53,338	\$905,045

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, 2021 to April 30, 2022.

### Table 18: LRAMVA Rate Riders

Rate Class	Units	Metered Consumption	1568 LRAM Variance Account Class Allocation (\$ amounts)	Rate Rider LRAMVA
RESIDENTIAL SERVICE	kWh	1,099,830,560	\$ 557,702	0.0005
GENERAL SERVICE LESS THAN 50 KW	kWh	395,444,422	\$ 79,159	0.0002
GENERAL SERVICE 50 TO 4,999 KW	kW	3,668,057	\$ 486,087	0.1325
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION)	kW	55,791	\$ 6,751	0.1210
STANDBY POWER	kW	172,800	\$ 20,909	0.1210
LARGE USE SERVICE	kW	216,189	-\$ 107,067	- 0.4952
STREET LIGHTING	kW	46,619	-\$ 138,496	- 2.9708
SENTINEL LIGHTING	kW	1,472	\$-	-
UNMETERED SCATTERED LOAD	kWh	5,501,898	\$-	-
Total			\$ 905,045	;

### Shared Tax Savings Adjustment

The Supplemental Report of the Board on 3<sup>rd</sup> 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

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has completed the 2021 Shared Tax Savings Model within the Rate Generator Model and is not requesting a rate rider.

# Z-Factor Claims

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

# Summary of Bill Impacts

The proposed Tariff of Rates and Charges is presented in Attachment C. The effects of the 2021 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 and the new RTSRs on representative samples of each rate class. Commodity rates and regulatory charges were held constant.

The total bill impact for a residential customer on RPP using 750 kWh is \$0.47 or 0.4% decrease of the total bill. A General Service less than 50 kW RPP customer consuming 2,000 kWh's per month would see \$1.16 or 0.4% decrease on a total monthly bill. Customers within industrial classes have a change in their total monthly bill change between 0.3% and 3.3% 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.

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# Table 19: Summary of Bill Impacts

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)				Sub	-Total			Tota	I
		Α		В		С		Total Bill	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ -	0.0%	\$ (0.15)	-0.5%	\$ (0.59)	-1.4%	\$ (0.47)	-0.4%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 0.01	0.0%	\$ (0.39)	-0.6%	\$ (1.45)	-1.6%	\$ (1.16)	-0.4%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 2.05	0.0%	\$ 5,540.05	74.4%	\$ 4,927.69	21.7%	\$ 5,568.29	2.7%
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 3.39	0.0%	\$ 5,629.64	45.6%	\$ 4,952.83	17.0%	\$ 5,596.69	2.6%
STANDBY POWER SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 3.15	0.0%	\$ (147.00)	-1.3%	\$ (147.00)	-1.3%	\$ (166.11)	-1.3%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 12.41	0.0%	\$ 12.41	0.0%	\$ (2,639.88)	-2.3%	\$ (2,983.07)	-0.3%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.00	0.0%	\$ 1.30	23.7%	\$ 1.22	16.3%	\$ 1.38	2.8%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.00	0.0%	\$ 0.95	39.4%	\$ 0.93	33.2%	\$ 1.05	3.3%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.20	0.5%	\$ (0.20)	-0.4%	\$ (1.26)	-1.6%	\$ (1.00)	-0.4%

All of which is respectfully submitted.

Attachment A

Certification



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

Powering London. Empowering You.

December 1, 2020

# **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.

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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 Final Rate Order Tariff of Rates and Charges OEB File No: EB-2019-0052 DATED: October 8, 2020

# London Hydro Inc. TARIFF OF RATES AND CHARGES Effective May 1, 2020 Amended to Reflect the Implementation Date of November 1, 2020 (unless indicated otherwise) This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2019-0052

## **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 Global Adjustment and the HST.

Service Charge	\$	25.50
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	0.43
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
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## TARIFF OF RATES AND CHARGES

Effective May 1, 2020

#### Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2019-0052

## **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 Global Adjustment and the HST.

Service Charge	\$	33.54
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	0.56
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next	Ŷ	0.00
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	0.0112
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from		
November 1, 2020 and effective until April 30, 2021	\$/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	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

#### Amended to Reflect the Implementation Date of November 1, 2020

#### (unless indicated otherwise)

This schedule supersedes and replaces all previously

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EB-2019-0052

## **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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

Service Charge	\$	163.85
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	2.74
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	2.8291
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.0473
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	2.4370
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1271
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1250
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9640
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# London Hydro Inc. TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

#### (unless indicated otherwise)

This schedule supersedes and replaces all previously

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EB-2019-0052

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

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. 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

Service Charge	\$	2,236.97
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	37.39
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	3.9077
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.0653
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	3.6076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.1353
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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EB-2019-0052

## 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

Standby Charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	\$/kW	3.2276
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.0540
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

**TARIFF OF RATES AND CHARGES** 

Effective May 1, 2020

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EB-2019-0052

### 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

Service Charge	\$	21,098.33
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	352.68
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	2.3545
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.0394
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	3.2012
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9640
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**TARIFF OF RATES AND CHARGES** 

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2019-0052

## 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 Ontaro 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 Global Adjustment and the HST.

Service Charge (per connection)	\$	1.71
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	0.03
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next	\$	0.00
cost of service-based rate order	\$ \$/kW	0.02 8.5357
Distribution Volumetric Rate	\$/KVV	8.5357
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from		
November 1, 2020 and effective until April 30, 2021	\$/kW	0.1427
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	2.1457
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8729
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
	Ŷ	0.20

**TARIFF OF RATES AND CHARGES** 

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2019-0052

## 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 Global Adjustment and the HST.

Service Charge (per connection)	\$	4.81
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	0.08
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	15.8265
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from		
November 1, 2020 and effective until April 30, 2021	\$/kW	0.2646
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	2.1485
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8755
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
	¥	0.20

### TARIFF OF RATES AND CHARGES

Effective May 1, 2020

#### Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2019-0052

## 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.

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Service Charge (per connection)	\$	2.41
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	0.04
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	0.0207
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$/kWh	0.0003
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	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2019-0052

## 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 theOntario 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge

4.55

\$

EB-2019-0052

# London Hydro Inc.

### **TARIFF OF RATES AND CHARGES**

Effective May 1, 2020

#### Amended to Reflect the Implementation Date of November 1, 2020

#### (unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

# **ALLOWANCES**

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		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	35.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection 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)	\$	44.50

## TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2019-0052

## **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 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	\$	102.00
Monthly Fixed Charge, per retailer	\$	40.80
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
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)	\$	4.08
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.04

## 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** 

Effective May 1, 2021

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

EB-2020-0038

### **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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	25.93
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 Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kWh \$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022 Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable	•	(0.0000)
only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0063

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

EB-2020-0038

0.25

### London Hydro Inc. TARIFF OF RATES AND CHARGES Effective May 1, 2021

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

Standard Supply Service - Administrative Charge (if applicable)

\$

### Effective May 1, 2021

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

EB-2020-0038

### **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 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	0.41
Cost of Scivice-Dased rate of def	
	0.57
Distribution Volumetric Rate \$/kWh 0.	0114
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022	
	0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -	
	0002
	005)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable	
	002)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next	
	0001
	0067
Retail Transmission Rate - Line and Transformation Connection Service Rate \$/kWh 0.	0056

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

EB-2020-0038

0.25

### London Hydro Inc. TARIFF OF RATES AND CHARGES Effective May 1, 2021

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

Standard Supply Service - Administrative Charge (if applicable)

\$

Effective May 1, 2021

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

EB-2020-0038

### **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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	166.64
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	2.8772

### Effective May 1, 2021

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

		EB-2020-0038
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW	0.1325
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.4362)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022 Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable	\$/kW	0.2195
only for Class B Customers Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next	\$/kW	(0.0629)
cost of service-based rate order	\$/kW	0.0347
Retail Transmission Rate - Network Service Rate	\$/kW	2.3432
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0376
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.0047
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.8393

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

Effective May 1, 2021

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

EB-2020-0038

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

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 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge

2,275.00

\$

### Effective May 1, 2021

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

EB-2020-0038
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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	3.9741
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW \$/kW	0.1210 (0.0953)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022 Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable	<b>1</b> .	(0.0953)
only for Class B Customers 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 Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW \$/kW	3.4687 3.0034
	ψηταν	5.0054

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

Effective May 1, 2021

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

EB-2020-0038

### 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Standby Charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	\$/kW	3.2825
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -	<b>Ф</b> /(-). А/	0 4 0 4 0
effective until April 30, 2022	\$/kW	0.1210
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	(0.0716)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable		
only for Class B Customers	\$/kW	(0.0434)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next	<b>A</b> 11 1 <b>A</b> 1	0.0206
cost of service-based rate order	\$/kW	0.0396

Effective May 1, 2021

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

EB-2020-0038

### 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	21,457.00
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	2.3945
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until April 30, 2022	\$/kW	(0.4952)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	(0.2197)
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	3.0780

0.25

\$

# London Hydro Inc. TARIFF OF RATES AND CHARGES

### Effective May 1, 2021

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

		EB-2020-0038
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.8393
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)

Effective May 1, 2021

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

EB-2020-0038

### 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 Ontaro 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 Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	1.74
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order Distribution Volumetric Rate	\$ \$/kW	0.02 8.6808
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW	(2.9708)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	(0.2216)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/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	0.1048
Retail Transmission Rate - Network Service Rate	\$/kW	2.0631
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7941

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

### Effective May 1, 2021

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

EB-2020-0038

### 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 Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	4.89
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	16.0956
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	(0.1474)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kW	(0.0611)
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	2.0658
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7966

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

### Effective May 1, 2021

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

EB-2020-0038

### 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 Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	2.45
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	0.0211
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	(0.0004)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kWh	0.0003 0.0067 0.0056

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

Effective May 1, 2021

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

EB-2020-0038

### 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 theOntario 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	4.55
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 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

### Effective May 1, 2021

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

EB-2020-0038

%	1.50
\$	35.00
\$	185.00
\$	185.00
\$	415.00
\$	5.50
\$	500.00
\$	300.00
\$	165.00
\$	45.39
	\$ \$ \$ \$ \$ \$

### **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 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	\$	104.04
Monthly Fixed Charge, per retailer	\$	41.62
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
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)	\$	4.16
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08

### LOSS FACTORS

### London Hydro Inc. **TARIFF OF RATES AND CHARGES** Effective May 1, 2021

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

#### EB-2020-0038

1.0146

1.0212 1.0045

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. 1.0315

Total Loss Factor - Secondary Metered Customer < 5,000 kV	V
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Total Loss Factor - Secondary Metered Customer > 5,000 kW

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

Total Loss Factor - Primary Metered Customer > 5,000 kW

Attachment D

**Bill Impacts** 



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

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

#### Note:

Ontario Energy Board

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2020 of \$0.1368/kWh (IESO's Monthly Market Report for May 2020) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

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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)	<b>RTSR</b> Demand or Demand- Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0315	1.0315	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0315	1.0315	2,000		CONSUMPTION	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0315	1.0315	1,095,000	2,500	EMAND - INTERVA	۸L
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)	1.0315	1.0315	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		CONSUMPTION	
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				

#### Table 2

					Sul	b-Total			Total	
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	А				В		С	Total Bill	
eg. Residential 100, Residential Relater)		\$	%		\$	%	\$ % (0.59) -1.4%		\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ -	0.0%	\$	(0.15)	-0.5%	\$ (0.59)	-1.4%	\$ (0.47)	-0.4%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 0.01	0.0%	\$	(0.39)	-0.6%	\$ (1.45)	-1.6%	\$ (1.16)	-0.4%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 2.05	0.0%	\$	5,540.05	74.4%	\$ 4,927.69	21.7%	\$ 5,568.29	2.7%
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kW	\$ 3.39	0.0%	\$	5,629.64	45.6%	\$ 4,952.83	17.0%	\$ 5,596.69	2.6%
STANDBY POWER SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 3.15	0.0%	\$	(147.00)	-1.3%	\$ (147.00)	-1.3%	\$ (166.11)	-1.3%
ARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 12.41	0.0%	\$	12.41	0.0%	\$ (2,639.88)	-2.3%	\$ (2,983.07)	-0.3%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.00	0.0%	\$	1.30	23.7%	\$ 1.22	16.3%	\$ 1.38	2.8%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.00	0.0%	\$	0.95	39.4%	\$ 0.93	33.2%	\$ 1.05	3.3%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.20	0.5%	\$	(0.20)	-0.4%	\$ (1.26)	-1.6%	\$ (1.00)	-0.4%
				1						
				1						
			1							

RPP / Non-RPP: R										1					
Consumption	750	L/M/b													
	750														
Demand	-	kW													
Current Loss Factor	1.0315														
Proposed/Approved Loss Factor	1.0315														
			0	B-Approve	4				Deserves			1	lur.		
			Rate	-B-Approve Volume	a	Charge		Rate	Proposed Volume	1	Charge		III	pact	
			(\$)	volume		Charge (\$)		(\$)	volume		Charge (\$)	\$	Change	% Change	1
Monthly Service Charge		\$	25.50	1	\$	25.50	\$	25.93	1	\$		\$	0.43	1.69%	1
Distribution Volumetric Rate		\$	-	750	\$		\$		750	\$	-	\$	-		1
Fixed Rate Riders		\$	0.74	1	\$	0.74	\$	0.31	1	\$	0.31	\$	(0.43)	-58.11%	1
Volumetric Rate Riders		\$	-	750	\$	-	\$	-	750	\$	-	\$	-		
Sub-Total A (excluding pass through)					\$	26.24				\$	26.24	\$	-	0.00%	
Line Losses on Cost of Power		\$	0.1333	24	\$	3.15	\$	0.1333	24	\$	3.15	\$	-	0.00%	1
Total Deferral/Variance Account Rate		\$		750	\$		\$		750	\$		¢			
Riders		φ	-	750	φ		φ		750	φ	-	φ	-		1
CBR Class B Rate Riders		\$	-	750	\$	-	-\$	0.0002	750	\$	(0.15)	\$	(0.15)		
GA Rate Riders		\$	-	750	\$	-	\$	-	750	\$	-	\$	-		
Low Voltage Service Charge		\$	-	750	\$	-			750	\$	-	\$	-		
Smart Meter Entity Charge (if applicable)		\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%	
Additional Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Additional Volumetric Rate Riders		\$	-	750	\$	-	\$	-	750	\$	-	\$	-		1
Sub-Total B - Distribution (includes					\$	29.96				\$	29.81	\$	(0.15)	-0.50%	
Sub-Total A)					Ŧ					•		•	, ,		
RTSR - Network		\$	0.0074	774	\$	5.72	\$	0.0071	774	\$	5.50	\$	(0.22)	-3.85%	
RTSR - Connection and/or Line and		\$	0.0066	774	\$	5.11	\$	0.0063	774	\$	4.89	\$	(0.21)	-4.21%	lia i na
Transformation Connection					-		-			-			. ,		In the manager's summary, discuss the rease
Sub-Total C - Delivery (including Sub- Total B)					\$	40.79				\$	40.20	\$	(0.59)	-1.43%	1
Wholesale Market Service Charge															
(WMSC)		\$	0.0034	774	\$	2.63	\$	0.0034	774	\$	2.63	\$	-	0.00%	
Rural and Remote Rate Protection															
(RRRP)		\$	0.0005	774	\$	0.39	\$	0.0005	774	\$	0.39	\$	-	0.00%	
Standard Supply Service Charge		\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%	
TOU - Off Peak		\$	0.1050	480	\$	50.40	\$	0.1050	480	\$	50.40	\$	-	0.00%	1
TOU - Mid Peak		\$	0.1500	135	\$	20.25	\$	0.1500	135	\$	20.25	\$	-	0.00%	
TOU - On Peak		\$	0.2170	135	\$	29.30	\$	0.2170	135	\$	29.30	\$	-	0.00%	l l
															1
Total Bill on TOU (before Taxes)					\$	144.00				\$	143.42		(0.59)	-0.41%	1
HST			13%		\$	18.72		13%		\$	18.64		(0.08)	-0.41%	1
Ontario Electricity Rebate			33.2%		\$	(47.81)		33.2%		\$	(47.61)		0.19		1
Total Bill on TOU					\$	114.91				\$	114.45	\$	(0.47)	-0.41%	1
															1

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION

Customer Class: G			SS THAN 50 KW SERV	ICE CLASSI	FICA	TION									
RPP / Non-RPP: R			SO THAT SO RE SERV												
Consumption	2,000	1.34/1-			1										
		kwn kW													
Demand		KW													
Current Loss Factor	1.0315														
Proposed/Approved Loss Factor	1.0315														
			Current OF	EB-Approve	d				Proposed				Im	pact	
			Rate	Volume		Charge		Rate	Volume		Charge				
			(\$)			(\$)		(\$)			(\$)	\$ C	hange	% Change	
Monthly Service Charge		\$	33.54	1	\$	33.54	\$	34.11	1	\$	34.11	\$	0.57	1.70%	
Distribution Volumetric Rate		\$	0.0112	2000	\$	22.40	\$	0.0114	2000	\$	22.80	\$	0.40	1.79%	
Fixed Rate Riders		\$	0.97	1	\$	0.97	\$	0.41	1	\$	0.41	\$	(0.56)	-57.73%	
Volumetric Rate Riders		\$	0.0003	2000		0.60	\$	0.0001	2000	\$	0.20	\$	(0.40)	-66.67%	
Sub-Total A (excluding pass through)					\$	57.51				\$		\$	0.01	0.02%	
Line Losses on Cost of Power		\$	0.1333	63	\$	8.40	\$	0.1333	63	\$	8.40	\$	-	0.00%	
Total Deferral/Variance Account Rate		\$		2,000	\$		\$		2,000	s		\$			
Riders		Ψ	-			-	Ψ		-	Ψ					
CBR Class B Rate Riders		\$	-	2,000	\$	-	-\$	0.0002	2,000	\$	(0.40)	\$	(0.40)		
GA Rate Riders		\$	-			-	\$	-	2,000	\$	-	\$	-		
Low Voltage Service Charge		\$	-	2,000		-			2,000	\$	-	\$	-		
Smart Meter Entity Charge (if applicable)		\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%	
Additional Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Additional Volumetric Rate Riders		\$	-	2,000	\$	-	\$	-	2,000	\$	-	\$	-		
Sub-Total B - Distribution (includes					\$	66.48				\$	66.09	\$	(0.39)	-0.59%	
Sub-Total A)		-			Ŧ					Ψ			· · /		
RTSR - Network		\$	0.0070	2,063	\$	14.44	\$	0.0067	2,063	\$	13.89	\$	(0.56)	-3.85%	
RTSR - Connection and/or Line and		\$	0.0058	2,063	\$	11.97	\$	0.0056	2,063	¢	11.46	\$	(0.50)	-4.21%	
Transformation Connection		Ŷ	0.0000	2,000	Ψ	11.57	Ŷ	0.0000	2,000	•	11.40	Ψ	(0.00)	4.2170	In the manager's summary, discuss the rea
Sub-Total C - Delivery (including Sub-					\$	92.88				\$	91.43	¢	(1.45)	-1.56%	
Total B)					Ŷ	52.00				Ŷ	51.40	Ψ	(1.40)	1.0070	
Wholesale Market Service Charge		\$	0.0034	2,063	\$	7.01	\$	0.0034	2,063	s	7.01	\$		0.00%	
(WMSC)		Ŷ	0.0004	2,000	Ψ	7.01	Ŷ	0.0004	2,000	•	1.01	Ψ		0.0070	
Rural and Remote Rate Protection		\$	0.0005	2,063	\$	1.03	\$	0.0005	2,063	s	1.03	\$	-	0.00%	
(RRRP)		•							_,000	Ť					
Standard Supply Service Charge		\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%	
TOU - Off Peak		\$	0.1050	1,280	\$	134.40		0.1050	1,280	\$	134.40	\$	-	0.00%	
TOU - Mid Peak		\$	0.1500	360	\$		\$	0.1500	360	\$	54.00	\$	-	0.00%	
TOU - On Peak		\$	0.2170	360	\$	78.12	\$	0.2170	360	\$	78.12	\$		0.00%	
Total Bill on TOLL (before Taxes)					\$	367.70				¢	366.25	¢	(1.45)	-0.39%	
Total Bill on TOU (before Taxes) HST			13%		⊅ \$	47.80		13%		ę.		<b>թ</b> Տ	(0.19)	-0.39%	
Ontario Electricity Rebate			33.2%		\$	(122.08)		33.2%		s S	(121.59)		0.48	-0.3976	
Total Bill on TOU			33.2 /0		\$	293.42		JJ.Z /0		S	292.27	¢	(1.16)	-0.39%	
					Ψ	233.42				Ψ	232.21	Ψ	(1.13)	-0.3976	

Consumption       Line Loss of	Customer Class: GENERAL S RPP / Non-RPP: Non-RPP (O	ERVICE 5	0 to 4,999 kW SERVICE	CLASSIFICA	TION					]					
Demand Proposed/Approved Loss Factor         Solution (1) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3															
Current Loss Factor         1.0315           Proposed/Approved Loss Factor         1.0315           Northly Service Charge         Current OES-Approved         Rate         Volume         Charge         Kate         Volume         Charge         % Charge         % Charge           Morthly Service Charge         \$         163.35         1         163.35         166.64         1         \$         166.64         \$         2.70         1.70%           Distribution Volumetin Rate         \$         103.85         106.64         \$         2.70         1.70%         \$         2.200         \$         7.712.75         \$         2.0047         2.500         \$         7.446.40         \$         2.57         \$         2.070         \$         2.600         \$         7.446.40         \$         2.50         \$         7.446.40         \$         2.50         \$         1.055.00         \$         1.055.00         \$         \$         0.0524         1.095.000         \$         \$         \$         0.0524         1.095.000         \$         \$         \$         0.0524         1.095.000         \$         \$         \$         \$         0.0524         1.095.000         \$         \$         \$         \$															
Proposed/Approved Loss Factor         10315           Monthly Schride Charge (\$)         Current OEB-Approved (\$)         Charge (\$)         Proposed (\$)         Charge (\$)         Impact (\$)         Impact (\$)           Monthly Schride Charge (\$)         \$         Charge (\$)         Charge (\$)         Charge (\$)         Charge (\$)         Schrade (\$)         Scharge (\$)         Scha															
Current OEB-Approved         Charge         Rate         Volume         Charge         Charge         Scharge         %Charge         %Charge           Disrbution Volumetic Rate         \$         166.36         1         \$         166.34         \$         2.78         1.70%           Disrbution Volumetic Rate         \$         2.69         \$         7.072.75         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         \$         \$         2.071         2.060         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.001         \$         1.070%         \$         2.001         \$         1.095.000         \$         \$         2.005         \$         \$         0.0000<															
Rate         Volume         Charge (s)         Rate         Volume         Charge (s)         Charge         S Charge         % Charge           Monthly Service Charge Distribution Volumetric Rate Rate Riders         1 \$ 3.053.5         1 \$ 163.85         1 \$ 5.053.5         2.8772         2.500         \$ 7.193.00         120.25         1.70%           Fixed Rate Riders         \$ 4.75         1 \$ 7.475         \$ 2.071         1 \$ 2.01         \$ (2.274)         -57.68%           Sub-Total A Cexcluding pass through)           \$ 7.446.35          \$ 7.446.40         \$ 2.05         0.0376           Sub-Total A Cexcluding pass through)           \$ 7.446.35          \$ .         \$ .         \$ .           Total Deforal/Variance Account Rate Riders         \$ .         .         \$	Proposed/Approved Loss Factor 1.03	15													
Rate         Volume         Charge (s)         Rate         Volume         Charge (s)         Charge         S Charge         % Charge           Monthly Service Charge Distribution Volumetric Rate         \$         163.85         1         \$         163.85         \$         166.46         \$         2.772         5         2.8772         2500         \$         7.193.00         120.25         1.70%           Fixed Rate Riders         \$         4.75         5         2.0772         5         2.071         1         \$         2.001         \$         120.25         1.70%           Volumetric Rate Riders         \$         0.0320         2.000         \$         0.0347         2500         \$         7.445.40         \$         2.05         0.0357           Sub-Total A (excluding pass through)          5         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -			Current O	EB-Approve	d				Proposed	1			Im	pact	
Monthy Service Charge         \$         163.85         1         \$         163.85         1         \$         166.64         \$         2.79         1.70%           Distribution Volumetric Rate Riders         \$         2.475         \$         2.77         2500         \$         7.072.75         \$         2.71         1         \$         2.01         \$         (2.74)         -57.68%           Sub-Total A (excluding pass through)         -         -         \$         -         \$         -         \$         -         \$         -         -         \$         -         -         \$         -         -         \$         <			Rate	Volume		Charge		Rate	Volume		Charge		(		
Distribution Volumenic Rate       \$       2.8291       2500       \$       7.193.00       \$       120.25       1.70%         Fixed Rate Riders       \$       0.0802       2500       \$       0.0947       2500       \$       7.193.00       \$       120.25       \$       1.70%         Sub-Total A Conclusing pass through)        0.0802       2500       \$       0.0947       2500       \$       7.464.40       \$       2.05       0.037         Sub-Total A Concurt Rate       \$       - <td></td> <td></td> <td>(\$)</td> <td></td> <td></td> <td>(\$)</td> <td></td> <td>(\$)</td> <td></td> <td></td> <td>(\$)</td> <td>\$</td> <td>Change</td> <td>% Change</td> <td></td>			(\$)			(\$)		(\$)			(\$)	\$	Change	% Change	
Fixed Rate Riders       \$       4.75       1       5       2.01       1       \$       2.01       1       \$       2.01       5       7.748.40       5       7.748.40       5       2.06       0.0336         Sub-Total A (excluding pass through)       •       \$       7.446.35       •       \$       7.446.40       \$       2.06       \$       0.0376       0.0336         Sub-Total A (excluding pass through)       •       \$       ·       \$       ·       \$       7.446.35       ·       \$       7.446.40       \$       2.06       \$       .       \$       7.446.40       \$       2.06       \$       .       \$       0.026       0.0376       \$       0.0376       \$       0.0376       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.0052       1.095.000       \$       0.0052       1.095.000       \$       0.0052       1.095.000       \$       5.40.05       7.440.35       \$       0.0052       1.095.000       \$       5.4	Monthly Service Charge	\$	163.85	1	\$	163.85	\$	166.64	1	\$	166.64	\$	2.79	1.70%	
Volumetric Rate Riders         \$         0.0820         2500         \$         0.0347         2500         \$         6.17         \$         1.7         \$	Distribution Volumetric Rate	\$	2.8291	2500	\$	7,072.75	\$	2.8772	2500	\$	7,193.00	\$	120.25	1.70%	
Sub-Total A (excluding pass through)         Imal coses on Cost of Power         \$         7.448.30         \$         7.448.40         \$         2.05         0.03%           Total Deferral/Variance Account Rate         \$         -         -         -         >         -         -         -	Fixed Rate Riders	\$	4.75	1	\$	4.75	\$	2.01	1	\$	2.01	\$	(2.74)	-57.68%	
Line Losses on Cost of Power       \$       - <th< td=""><td>Volumetric Rate Riders</td><td>\$</td><td>0.0820</td><td>2500</td><td>\$</td><td>205.00</td><td>\$</td><td>0.0347</td><td>2500</td><td>\$</td><td>86.75</td><td>\$</td><td>(118.25)</td><td>-57.68%</td><td></td></th<>	Volumetric Rate Riders	\$	0.0820	2500	\$	205.00	\$	0.0347	2500	\$	86.75	\$	(118.25)	-57.68%	
Total Deferral/Variance Account Rate Riders       S       -       2,500       S       -       S       S       -       S       S       -       S       -       S       S       -       S       S       -       S       S       -       S       S       S       S       S       <					\$	7,446.35				Ŧ	7,448.40	\$	2.05	0.03%	
Riders       S       -       Z.500       S       -       Z.500       S       -       S	Line Losses on Cost of Power	\$	-	-	\$	-	\$		-	\$	-	\$	-		
Notes       - <td>Total Deferral/Variance Account Rate</td> <td>¢</td> <td>_</td> <td>2 500</td> <td>¢</td> <td></td> <td>¢</td> <td></td> <td>2 500</td> <td>¢</td> <td>_</td> <td>¢</td> <td></td> <td></td> <td></td>	Total Deferral/Variance Account Rate	¢	_	2 500	¢		¢		2 500	¢	_	¢			
GA Rate Riders       \$       -       1,095,000       \$       -       \$       0.0052       1,095,000       \$       5,694,00       \$       \$       10       \$       \$       \$       \$ </td <td></td> <td>Ψ</td> <td></td> <td></td> <td>Ψ</td> <td>-</td> <td>Ψ</td> <td></td> <td>-</td> <td>Ψ.</td> <td>-</td> <td>Ψ</td> <td>-</td> <td></td> <td></td>		Ψ			Ψ	-	Ψ		-	Ψ.	-	Ψ	-		
Low Voltage Service Charge       \$       -       2,500       \$       -       \$       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       <		\$	-		\$	-									
Smart Meier Entity Charne (iff applicable)       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       1       1       1<		\$	-		\$	-	\$	0.0052		· ·	5,694.00	\$	5,694.00		
Additional Fixed Rate Riders       \$       -       1       \$       -       \$       -       1       \$       -       \$       S       -       \$       -       \$       S       -       \$       S       -       \$       -       \$       S       -       \$       S       -       S       -       S       -       S       -       S       S       S <th< td=""><td></td><td>\$</td><td>-</td><td>2,500</td><td>\$</td><td>-</td><td></td><td></td><td>2,500</td><td>\$</td><td>-</td><td>\$</td><td>-</td><td></td><td></td></th<>		\$	-	2,500	\$	-			2,500	\$	-	\$	-		
Additional Volumetric Rate Riders       \$       -       2,500       \$       -       \$       -       2,500       \$       -       \$       -       2,500       \$       -       \$       -       2,500       \$       -       -       \$       -       -       S       -       S       -       S       -       S       -       S       -       S       -       S       -       S       -       S       -       S       -       S       S       -       S       S       -       S       S       -       S       S       -       S       S       -       S       S       -       S       S       -       S       S       S       S       S       S       S       S		\$	-	1	\$	-	\$		1	\$	-	\$	-		
Sub-Total B - Distribution (includes Sub-Total A)         \$ 7,446.35         \$ 12,986.40         \$ 5,540.05         74.40%           Sub-Total A)         \$ 3.1250         2.500         \$ 7,812.50         \$ 3.0047         2.500         \$ 7,511.77         \$ (300.73)         -3.85%           RTSR - Network Transformation Connection Sub-Total B)         \$ 2.9640         2.500         \$ 7,410.00         \$ 2.8393         2.500         \$ 7,511.77         \$ (300.73)         -3.85%           Sub-Total B.         \$ 2.9640         2.500         \$ 7,410.00         \$ 2.8393         2.500         \$ 7,511.77         \$ (300.73)         -3.85%           Sub-Total B.         \$ 2.9640         2.900         \$ 7,410.00         \$ 2.8393         2.500         \$ 7,511.77         \$ (311.63)         -4.21%           Wholesale Market Service Charge         \$ 0.0034         1,129,493         \$ 3.840.27         \$ (31.12)         \$ 4,927.69         21.74%           Wholesale Market Protection (RRRP)         \$ 0.0005         1,129,493         \$ 3.840.27         \$ 0.0005         1,129,493         \$ 564.75         \$ 0.0005         1,129,493         \$ 564.75         \$ 0.0006         2.000%           Standard Supply Service Charge         \$ 0.255         \$ 0.255         \$ 0.255         \$ 0.255         \$ 0.00%         2.000%		\$	-	1	\$	-	\$		1	\$	-	\$	-		
Sub-Total A)         Image: Constraint of the state		\$	=	2,500	\$	-	\$	-	2,500	\$	-	\$	-		
Sub-Total A)       Image: Sub-Tota A)					\$	7.446.35				s	12,986,40	\$	5.540.05	74.40%	
RTSR - Connection and/or Line and Transformation Connection       \$       2.9640       2,500       \$       7,098.37       \$       (311.63)       -4.21%       In the manager's summary, discuss the reast         Sub-Total C - Delivery (including Sub- Total B)       \$       0.0034       1,129,493       \$       2.8393       2,500       \$       7,098.37       \$       (311.63)       -4.21%       In the manager's summary, discuss the reast         Sub-Total C - Delivery (including Sub- Total B)       \$       0.0034       1,129,493       \$       2.8393       2,500       \$       7,098.37       \$       (311.63)       -4.21%       In the manager's summary, discuss the reast         Wholesale Market Service Charge (WMSC)       \$       0.0034       1,129,493       \$       3,840.27       \$       0.0034       1,129,493       \$       3,840.27       \$       0.000%         Kural and Remote Rate Protection (RRRP)       \$       0.0005       1,129,493       \$       564.75       \$       0.000%       0.000%         Verage IESO Wholesale Market Price       \$       0.1366       1129,493       \$       1129,493       \$       145,514.57       \$       0.1366       2.71%         HST       13%       \$       23,26%       \$       13%       \$					Ŧ					•	-	•			
Transformation Connection         \$         2.9640         2.900         \$         7,410.00         \$         2.8333         2.900         \$         7,98.37         \$         (311.63)         -4.21%         In the manager's summary, discuss the rease           Sub-Total C - Delivery (including Sub- Total B)         Image: Content of the second seco		\$	3.1250	2,500	\$	7,812.50	\$	3.0047	2,500	\$	7,511.77	\$	(300.73)	-3.85%	
Transformation Connection       Image: Summary, discuss the reast         Sub-Total C - Delivery (including Sub- Total B)       Image: Summary, discuss the reast         Sub-Total C - Delivery (including Sub- Total B)       S       0.0034       1,129,493       \$       27,596.54       \$       4,927.69       21.74%         Wholesale Market Service Charge (WMSC)       \$       0.0034       1,129,493       \$       3,840.27       \$       0.0034       1,129,493       \$       3,840.27       \$       -       0.00%         Rural and Remote Rate Protection (RRRP)       \$       0.0005       1,129,493       \$       564.75       \$       0.025       -       0.00%         Variage IESO Wholesale Market Price       \$       0.1368       1,129,493       \$       154,514.57       \$       0.1368       1,129,493       \$       4,927.69       2.71%         Total Bill on Average IESO Wholesale Market Price       \$       181,588.69       \$       129,493       \$       186,516.38       \$       4,927.69       2.71%         HST       13%       \$       23,606.53       13%       \$       24,271.3       \$       60.00%       2.71%         Ontario Electricity Rebate       33.2%       \$       33.2%       \$       33.2%		\$	2.9640	2,500	\$	7.410.00	\$	2.8393	2.500	s	7.098.37	\$	(311.63)	-4.21%	
Total B)         Total B)         S         22,668.85         C         S         27,956.34         S         4,927.69         21,74%           Wholesale Market Service Charge (WMSC)         \$         0.0034         1,129,493         \$         3,840.27         \$         0.0034         1,129,493         \$         3,840.27         \$         -         0.00%           Rural and Remote Rate Protection (RRRP)         \$         0.0005         1,129,493         \$         564.75         \$         0.025         1         \$         0.25         1         \$         0.025         \$         0.025         \$         0.1368         1,129,493         \$         154,514.57         \$         0.036         1,00%           Average IESO Wholesale Market Price         \$         0.1368         1,129,493         \$         154,514.57         \$         0.1368         1,29,493         \$         154,514.57         \$         0.00%           HST         13%         \$         23,606.53         1,3%         \$         24,247.13         \$         640.60         2.71%           Ontario Electricity Rebate         33.2%         \$         -         33.2%         \$         33.2%         \$         4.927.69         2.71% <td></td> <td></td> <td></td> <td></td> <td>·</td> <td>,</td> <td></td> <td></td> <td>,</td> <td></td> <td>,</td> <td></td> <td>(,</td> <td></td> <td>In the manager's summary, discuss the reas</td>					·	,			,		,		(,		In the manager's summary, discuss the reas
Wholesale Market Service Charge         \$         0.0034         1,129,493         \$         3,840.27         \$         -         0.00%           Windexale Market Service Charge         \$         0.0005         1,129,493         \$         3,840.27         \$         0.0034         1,129,493         \$         3,840.27         \$         -         0.00%           Kural and Remote Rate Protection (RRP)         \$         0.0005         1,129,493         \$         564.75         \$         0.0005         1,129,493         \$         564.75         \$         -         0.00%           Standard Supply Service Charge         \$         0.25         1         \$         0.25         1         \$         0.25         1         \$         0.00%           Average IESO Wholesale Market Price         \$         1.129,493         \$         154,514.57         \$         0.1368         154,514.57         \$         0.100%           HST         13%         \$         23,606.53         13%         \$         24,27.59         2.71%           Ontario Electricity Rebate         33.2%         \$         -         33.2%         33.2%         33.2%         33.2%         564.75         \$         4.927.69         2.71% <tr< td=""><td></td><td></td><td></td><td></td><td>\$</td><td>22,668.85</td><td></td><td></td><td></td><td>\$</td><td>27,596.54</td><td>\$</td><td>4,927.69</td><td>21.74%</td><td></td></tr<>					\$	22,668.85				\$	27,596.54	\$	4,927.69	21.74%	
(WMSC)       *       0.003       1,129,493       \$       5,040,27       \$       5,040,27       \$       -       0.00%         Rural and Remote Rate Protection (RRRP)       \$       0.0005       1,129,493       \$       564.75       \$       0.00%       1,129,493       \$       564.75       \$       -       0.00%         Standard Supply Service Charge       \$       0.25       \$       0.1368       1,129,493       \$       564.75       \$       -       0.00%         Average IESO Wholesale Market Price       \$       0.1368       1129,493       \$       1129,493       \$       1129,493       \$       145,514.57       \$       -       0.00%         HST       139%       \$       181,588.69       181,588.69       13%       \$       24,271.3       \$       640.60       2.71%         HST       139%       \$       23,266.53       13%       \$       24,271.3       \$       640.60       2.71%         Ontario Electricity Rebate       33.2%       \$       -       33.2%       \$       33.2%       \$       24,271.3       \$       640.60       2.71%					·	,				·	,	•			
Rural and Remote Rate Protection (RRRP)       \$       0.0005       1,129,493       \$       564.75       \$       -       0.00%         Standard Supply Service Charge       \$       0.25       1       \$       0.25       \$       0.25       \$       0.00%         Average IESO Wholesale Market Price       \$       0.1366       1.129,493       \$       154,514.57       \$       -       0.00%         Total Bill on Average IESO Wholesale Market Price       \$       181,588.69       181,588.69       181,588.69       \$       4.927.69       2.71%         HST       13%       \$       2.360.633       1.13%       \$       2.4,247.13       \$       640.60       2.71%         Ontario Electricity Rebate       3.22%       \$       3.32%       3.32%       \$       4.8       \$       4.927.69       2.71%		\$	0.0034	1,129,493	\$	3,840.27	\$	0.0034	1,129,493	\$	3,840.27	\$	-	0.00%	
(RRP)       \$       0.0005       1,129,493       \$       564.75       \$       0.0005       1,129,493       \$       564.75															
Standard Supply Service Charge         \$         0.25         \$         0.25         \$         0.25         \$         0.00%           Average IESO Wholesale Market Price         \$         0.1368         1.129,493         \$         0.1368         1.129,493         \$         154,514.57         \$         0.00%           Total Bill on Average IESO Wholesale Market Price             1.129,493         \$         1.129,493         \$         1.54,514.57         \$          0.00%           Total Bill on Average IESO Wholesale Market Price             1.81,588.69            4.927.69         2.71%           HST         1.3%         \$         2.306.53         1.3%         \$         640.60         2.71%           Ontario Electricity Rebate         3.2%          3.32%         \$         3.32%         \$         5         -         0.00%		\$	0.0005	1,129,493	\$	564.75	\$	0.0005	1,129,493	\$	564.75	\$	-	0.00%	
Average IESO Wholesale Market Price         \$         0.1368         1,129,493         \$         154,514.57         \$         0.00%           Total Bill on Average IESO Wholesale Market Price         \$         181,588.69         \$         4,927.69         2.71%           HST         13%         \$         23,606.53         13%         \$         24,247.13         \$         640.60         2.71%           Ontario Electricity Rebate         33.2%         \$         -         33.2%         \$         -		*	0.25	1	¢	0.25	•	0.25	4		0.05	¢		0.00%	
State         State <th< td=""><td></td><td>ф ф</td><td></td><td>1 1 20 402</td><td></td><td></td><td>ф ф</td><td></td><td>4 400 400</td><td>- <b>-</b></td><td></td><td>ф Ф</td><td>-</td><td></td><td></td></th<>		ф ф		1 1 20 402			ф ф		4 400 400	- <b>-</b>		ф Ф	-		
HST         13%         \$ 23,606.53         13%         \$ 24,247.13         \$ 640.60         2.71%           Ontario Electricity Rebate         33.2%         \$ -         33.2%         \$ -         -	Average IESO Wholesale Market Price	\$	0.1368	1,129,493	ð	104,014.57	\$	0.1368	1,129,493	\$	154,514.57	¢		0.00%	
HST         13%         \$ 23,606.53         13%         \$ 24,247.13         \$ 640.60         2.71%           Ontario Electricity Rebate         33.2%         \$ -         33.2%         \$ -         -	Total Bill on Average IESO Wholesale Market Price				\$	181 588 69				ŝ	186.516 38	\$	4 927 69	2.71%	
Ontario Electricity Rebate 33.2% \$ - 33.2% \$ -			13%					13%							
						-				-	-	¥	0.000	2.7170	
			00.270			205,195,23		50.270		s	210.763.51	\$	5.568.29	2.71%	
					Ť	100,100.20				Ť	210,100.01	*		2.7170	

Customer Class:			00 TO 4.999 KW (CO-G												
RPP / Non-RPP:			00 10 4,333 KW (00-0			WICE CEASSIN									
Consumption	1,095,000														
		kW													
Demand	,	KW													
Current Loss Factor	1.0315														
Proposed/Approved Loss Factor	1.0315														
			Current OF	EB-Approve	d				Proposed				Im	pact	
			Rate	Volume		Charge		Rate	Volume		Charge				
			(\$)			(\$)		(\$)			(\$)	\$	Change	% Change	
Monthly Service Charge		\$	2,236.97	1	\$	2,236.97	\$	2,275.00	1	\$	2,275.00	\$	38.03	1.70%	
Distribution Volumetric Rate		\$	3.9077	2500	\$	9,769.25	\$	3.9741	2500	\$	9,935.25	\$	166.00	1.70%	
Fixed Rate Riders		\$	64.85	1	\$	64.85	\$	27.46	1	\$	27.46	\$	(37.39)	-57.66%	
Volumetric Rate Riders		\$	0.1133	2500	\$	283.25	\$	0.0480	2500	\$	120.00	\$	(163.25)	-57.63%	
Sub-Total A (excluding pass through)					\$	12,354.32				\$	12,357.71	\$	3.39	0.03%	
Line Losses on Cost of Power		\$	-		\$	-	\$	-	-	\$	-	\$	-		
Total Deferral/Variance Account Rate		\$		2,500	\$	-	\$	_	2,500	¢	_	\$	-		
Riders		Ψ	-			-		-		Ψ	-		-		
CBR Class B Rate Riders		\$	-	2,500		-	-\$	0.0271	2,500	\$	(67.75)	\$	(67.75)		
GA Rate Riders		\$	-	1,095,000		-	\$	0.0052	1,095,000	\$	5,694.00	\$	5,694.00		
Low Voltage Service Charge		\$	-	2,500		-			2,500	\$	-	\$	-		
Smart Meter Entity Charge (if applicable)		\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Additional Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Additional Volumetric Rate Riders		\$	-	2,500	\$	-	\$		2,500	\$	-	\$	-		
Sub-Total B - Distribution (includes					\$	12,354.32				\$	17,983.96	\$	5,629.64	45.57%	
Sub-Total A)					•					•		·			
RTSR - Network		\$	3.6076	2,500	\$	9,019.00	\$	3.4687	2,500	\$	8,671.83	\$	(347.17)	-3.85%	
RTSR - Connection and/or Line and		\$	3.1353	2,500	\$	7,838.25	\$	3.0034	2,500	\$	7,508.61	\$	(329.64)	-4.21%	
Transformation Connection		•		_,	Ť	.,	*		_,	*	.,	*	(====;		In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-					\$	29,211.57				\$	34,164.40	\$	4,952.83	16.96%	
Total B) Wholesale Market Service Charge					-										
(WMSC)		\$	0.0034	1,129,493	\$	3,840.27	\$	0.0034	1,129,493	\$	3,840.27	\$	-	0.00%	
Rural and Remote Rate Protection															
(RRRP)		\$	0.0005	1,129,493	\$	564.75	\$	0.0005	1,129,493	\$	564.75	\$	-	0.00%	
(KKKP) Standard Supply Service Charge		\$	0.25	1	\$	0.25	¢	0.25	1	¢	0.25	\$	-	0.00%	
Average IESO Wholesale Market Price		\$	0.1368	1,129,493		154,514.57	¢	0.1368	1,129,493	ě	154,514.57	\$		0.00%	
Average 1200 wholesale warket Fille	_	Ŷ	0.1308	.,120,400	Ψ	104,014.01	Ψ	0.1500	1,123,433	Ÿ	134,314.37	Ψ		0.0078	
Total Bill on Average IESO Wholesale Ma	arket Price				\$	188,131.41	1			ŝ	193,084.24	\$	4,952.83	2.63%	
HST			13%		\$	24,457.08		13%		ŝ	25,100.95	\$	643.87	2.63%	
Ontario Electricity Rebate			33.2%		ŝ	-		33.2%		ŝ		Ť	2.0.07	2.0070	
Total Bill on Average IESO Wholesale Ma	arket Price		50.270		\$	212,588.50		00.270		\$	218,185.19	\$	5,596.69	2.63%	
go moo moocaro m					T.	,000100				Ŧ		Ŧ	2,220100	2.0070	

		CE CLASSIFICATION							1				
RPP / Non-RPP: Non-RPP (Oth	er)								-				
Consumption -	kWh												
Demand 3,500	kW												
Current Loss Factor 1.0315													
Proposed/Approved Loss Factor 1.0315													
· · · · · · · · · · · · · · · · · · ·	-												
		Current Of	B-Approve	d				Proposed				lm	pact
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	-		\$	-	\$	-		\$	-	\$	-	
Distribution Volumetric Rate	\$	3.2276	3500	\$	11,296.60	\$	3.2825	3500	\$	11,488.75	\$	192.15	1.70%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	0.0936	3500	\$	327.60	\$	0.0396	3500		138.60	\$	(189.00)	-57.69%
Sub-Total A (excluding pass through)				\$	11,624.20				\$	11,627.35	\$	3.15	0.03%
Line Losses on Cost of Power	\$	0.1368	-	\$	-	\$	0.1368	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	\$	-	3.500	\$		\$	-	3,500	s		\$		
Riders				•		· ·		-			·		
CBR Class B Rate Riders	\$	-	3,500	\$	-	-\$	0.0429	3,500	\$	(150.15)		(150.15)	
GA Rate Riders	\$	-	-	\$	-	\$	0.0052		\$	-	\$	-	
Low Voltage Service Charge	\$	-	3,500	\$	-			3,500	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders	\$	-	3,500	\$	-	\$	-	3,500	\$	-	\$	-	
Sub-Total B - Distribution (includes				\$	11,624.20				\$	11,477.20	\$	(147.00)	-1.26%
Sub-Total A)										,	•	(11100)	
RTSR - Network	\$	-	3,500	\$	-	\$	-	3,500	\$	-	\$	-	
RTSR - Connection and/or Line and	\$	-	3,500	\$		\$	-	3,500	\$	-	\$	-	
Transformation Connection	<u> </u>		-,	Ť		*		-,	•		*		
Sub-Total C - Delivery (including Sub-				\$	11,624.20				\$	11,477.20	\$	(147.00)	-1.26%
Total B)				-								. ,	
Wholesale Market Service Charge	\$	0.0034	-	\$	-	\$	0.0034	-	\$	-	\$	-	
(WMSC) Rural and Remote Rate Protection													
(RRRP)	\$	0.0005	-	\$	-	\$	0.0005	-	\$	-	\$	-	
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Average IESO Wholesale Market Price	\$	0.1368		э \$	0.25	\$	0.1368		ŝ	0.25	э \$	-	0.00 %
Average 1250 Wholesale Market Price	Ą	0.1368		φ		Þ	0.1308	-	۰ ۵	-	φ	-	
Total Bill on Average IESO Wholesale Market Price	1			\$	11,624.45				\$	11,477.45	\$	(147.00)	-1.26%
HST		13%		\$	1,511.18	1	13%		\$	1,492.07	\$	(19.11)	-1.26%
Ontario Electricity Rebate		33.2%		\$			33.2%		\$		Ŭ,	(	1.2070
Total Bill on Average IESO Wholesale Market Price		55.270		\$	13,135.63		00.2 /0		ŝ	12,969.52	\$	(166.11)	-1.26%
				Ť						12,000.02	Ť	(10011)	

Customer Class:	LARGE USE SE	ERVICE CLASSIFIC								
RPP / Non-RPP:	Non-RPP (Othe	er)								
Consumption	5,600,000	kWh								
Demand	10,700	kW								
Current Loss Factor	1.0315									
Proposed/Approved Loss Factor	1.0315									
			Current Of	EB-Approve	d		Proposed		In	pact
		Rate		Volume	Charge	Rate	Volume	Charge		

	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 21,098.33	1	\$ 21,098.33	\$ 21,457.00	1	\$ 21,457.00	\$ 358.67	1.70%	
Distribution Volumetric Rate	\$ 2.3545	10700	\$ 25,193.15	\$ 2.3945	10700	\$ 25,621.15	\$ 428.00	1.70%	
Fixed Rate Riders	\$ 611.66	1	\$ 611.66	\$ 258.98	1	\$ 258.98	\$ (352.68)	-57.66%	
Volumetric Rate Riders	\$ 0.0683	10700	\$ 730.81	\$ 0.0289	10700	\$ 309.23	\$ (421.58)	-57.69%	
Sub-Total A (excluding pass through)			\$ 47,633.95			\$ 47,646.36	\$ 12.41	0.03%	
Line Losses on Cost of Power	\$ -	-	\$-	\$-	-	\$-	\$-		
Total Deferral/Variance Account Rate	¢	10,700	\$ -	¢	10.700	s -	s -		
Riders	φ -	10,700	φ -	÷ -	10,700	* -	φ -		
CBR Class B Rate Riders	\$ -	10,700	\$-	\$-	10,700	\$-	\$-		
GA Rate Riders	\$ -	5,600,000	\$-	\$-	5,600,000	\$-	\$-		
Low Voltage Service Charge	\$ -	10,700	\$-		10,700	\$-	\$-		
Smart Meter Entity Charge (if applicable)	\$ -	1	\$-	\$-	1	\$-	\$-		
Additional Fixed Rate Riders	\$ -	1	\$-	\$-	1	\$-	\$-		
Additional Volumetric Rate Riders	\$ -	10,700	\$-	\$-	10,700	\$-	\$-		
Sub-Total B - Distribution (includes			\$ 47,633.95			\$ 47,646.36	\$ 12.41	0.03%	
Sub-Total A)			φ 41,033.95			\$ 47,040.30	φ 12.41	0.03 //	
RTSR - Network	\$ 3.2012	10,700	\$ 34,252.84	\$ 3.0780	10,700	\$ 32,934.33	\$ (1,318.51)	-3.85%	
RTSR - Connection and/or Line and	\$ 2.9640	10,700	\$ 31,714.80	\$ 2.8393	10,700	\$ 30,381.02	\$ (1,333.78)	-4.21%	
Transformation Connection	φ <u>2.30</u> 40	10,700	φ 31,714.00	φ 2.0333	10,700	φ 30,301.02	ψ (1,555.70)	-4.2170	In the manager's summary, discuss the rease
Sub-Total C - Delivery (including Sub-			\$ 113,601.59			\$ 110,961.71	\$ (2,639.88)	-2.32%	
Total B)			φ 110,001.00			φ 110,001.11	φ (2,000.00)	2.0270	
Wholesale Market Service Charge	\$ 0.0034	5,776,400	\$ 19,639.76	\$ 0.0034	5,776,400	\$ 19,639.76	\$ -	0.00%	
(WMSC)	• • • • • • • • • • • • • • • • • • • •	0,110,100	φ ισ,σσσσ	• ••••••	0,110,100	•	Ŷ	0.0070	
Rural and Remote Rate Protection	\$ 0.0005	5,776,400	\$ 2,888.20	\$ 0.0005	5,776,400	\$ 2,888.20	s -	0.00%	
(RRRP)	•	0,110,100					-		
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	-	\$ 0.25		0.00%	
Average IESO Wholesale Market Price	\$ 0.1368	5,776,400	\$ 790,211.52	\$ 0.1368	5,776,400	\$ 790,211.52	\$-	0.00%	
	1			1					
Total Bill on Average IESO Wholesale Market Price		1	\$ 926,341.32			\$ 923,701.44		-0.28%	1
HST	13%		\$ 120,424.37	13%		\$ 120,081.19	\$ (343.18)	-0.28%	
Ontario Electricity Rebate	33.2%		\$-	33.2%		\$ -			
Total Bill on Average IESO Wholesale Market Price			\$ 1,046,765.69			\$ 1,043,782.62	\$ (2,983.07)	-0.28%	

RPP / Non-RPP:         Non-RPP (Other)       KW         Demand       1       kW         Current Loss Factor       1.0315         Proposed/Approved Loss Factor       1.0315	
Demand 1 kW Current Loss Factor 1.0315	
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 \$ 1.71 \$ - \$ 1.74 \$ - \$ .	
Distribution Volumetric Rate         \$         8.5357         0.5         \$         4.27         \$         8.6808         0.5         \$         4.34         \$         0.07         1.70%           Fixed Rate Riders         \$         0.05         \$         -         \$         0.02         \$         -         \$         1.70%         1.70%         \$         1.70%         \$         1.70%         1.70%         \$         1.70%         \$         . <td></td>	
Sub-Total A (excluding pass through)         \$         4.39         \$         0.00         0.03%           Line Losses on Cost of Power         \$         0.1368         8         \$         1.10         \$         0.1368         8         \$         0.00%	
Riders S - 1 S - 1 S - S -	
CBR Class B Rate Riders         \$         -         1         \$         -         5         0.0583         1         \$         (0.03)         \$	
GA Rate Riders \$ - 256 \$ - \$ 0.0052 256 \$ 1.33 \$ 1.33	
Low Voltage Service Charge \$ - 1 \$ - 1 \$ - \$ -	
Smart Meter Entity Charge (if applicable) \$ - \$ - \$ - \$ - \$ - \$	
Additional Fixed Rate Riders \$ - \$ - \$ - \$ - \$ -	
Additional Volumetric Rate Riders \$ - 1 \$ - \$ - 1 \$ - \$ - \$ -	
Sub-Total B - Distribution (includes         \$ 5.49         \$ 6.80         \$ 1.30         23.72%	
Sub-Total A)	
RTSR - Network \$ 2.1457 1 \$ 1.07 \$ 2.0631 1 \$ 1.03 \$ (0.04) -3.85%	
RTSR - Connection and/or Line and \$ 1.8729 1 \$ 0.94 \$ 1.7941 1 \$ 0.90 \$ (0.04) -4.21%	
Transformation Connection	cuss the rease
Sub-Total C - Delivery (including Sub-         \$ 7.50         \$ 8.73         \$ 1.22         16.29%	
Total B)	
Wholesale Market Service Charge         \$         0.0034         264         \$         0.90         \$         0.0034         264         \$         0.90         \$         0.00%	
(WMSC)	
Rural and Remote Rate Protection         \$         0.0005         264         \$         0.0005         264         \$         0.13         \$         -         0.00%	
(KKK7) Standard Supply Service Charge \$ 0.25 \$ - \$ 0.25 \$ - \$ -	
Standard Supply Service Charge \$ 0.25 \$ 0.1368 256 \$ 0.1368 256 \$ 35.02 \$ - 0.00%	
Total Bill on Average IESO Wholesale Market Price \$ 43.55 \$ \$ 44.78 \$ 1.22 2.81%	
HST 13% \$ 5.66 13% \$ 5.82 \$ 0.16 2.81%	
Ontario Electricity Rebate 33.2% \$ - 33.2% \$ -	
Total Bill on Average IESO Wholesale Market Price \$ 49.22 \$ 50.60 \$ 1.38 2.81%	

Customer Class: SE			CLASSIFICAT	ON						]					
RPP / Non-RPP: No															
Consumption	180	kWh													
Demand	0	kW													
Current Loss Factor	1.0315														
Proposed/Approved Loss Factor	1.0315														
	_														
	_			EB-Approve	d			-	Proposed	ł			Imp	pact	
		Rat		Volume		Charge		Rate	Volume		Charge				
	-	(\$)			•	(\$)	•	(\$)		•	(\$)	\$	Change	% Change	
Monthly Service Charge		\$	4.81	0.1	\$		\$	4.89		\$	-	\$	-	4 700/	
Distribution Volumetric Rate Fixed Rate Riders		<b>Þ</b>	15.8265 0.14	0.1	\$	1.58	\$ \$	16.0956	0.1	\$	1.61	\$ \$	0.03	1.70%	
Volumetric Rate Riders		¢	0.14	0.1	\$	- 0.05	Դ Տ	0.06 0.1943	0.1	\$	- 0.02	э \$	(0.03)	-57.66%	
		\$	0.4569	0.1	э \$	1.63	Þ	0.1945	0.1	ې \$	1.63	э \$	0.03)	-57.66% 0.03%	
Sub-Total A (excluding pass through) Line Losses on Cost of Power		¢	0.1368	6	<b>ə</b> \$	0.78	\$	0.1368	6	Ŧ	0.78	<b>ə</b> \$	0.00	0.03%	
Total Deferral/Variance Account Rate		Ψ	0.1300	0	Ψ	0.78	Ŷ	0.1300	U	· ·			-	0.00%	
Riders		\$	-	0	\$	-	\$	-	0	\$	-	\$	-		
CBR Class B Rate Riders		\$	-	0	\$	-	-\$	0.0605	0	s	(0.01)	\$	(0.01)		
GA Rate Riders		ŝ	-	180	ŝ	-	ŝ	0.0053	180	ŝ	0.95	ŝ	0.95		
Low Voltage Service Charge		\$	-	0	ŝ	-	*		0	ŝ	-	\$	-		
Smart Meter Entity Charge (if applicable)		ŝ	-	-	\$	-	\$		-	ŝ	-	\$	-		
Additional Fixed Rate Riders		\$	-		\$	-	ŝ			ŝ	-	\$	-		
Additional Volumetric Rate Riders		\$	-	0	\$	-	\$		0	\$	-	\$	-		
Sub-Total B - Distribution (includes					\$	2.40				\$	3.35	*	0.95	39.45%	
Sub-Total A)					Þ	2.40				э	3.30	Þ	0.95	39.45%	
RTSR - Network		\$	2.1485	0	\$	0.21	\$	2.0658	0	\$	0.21	\$	(0.01)	-3.85%	
RTSR - Connection and/or Line and		\$	1.8755	0	\$	0.19	\$	1.7966	0	\$	0.18	¢	(0.01)	-4.21%	
Transformation Connection		φ	1.8755	0	φ	0.19	9	1.7900	U	\$	0.18	φ	(0.01)	-4.21/0	In the manager's summary, discuss the reasc
Sub-Total C - Delivery (including Sub-					¢	2.81				\$	3.74	\$	0.93	33.22%	
Total B)					Ŷ	2.01				Ŷ	0.14	Ŷ	0.00	00.2270	
Wholesale Market Service Charge		\$	0.0034	186	\$	0.63	\$	0.0034	186	s	0.63	\$	-	0.00%	
(WMSC)		•					*					Ŧ			
Rural and Remote Rate Protection		\$	0.0005	186	\$	0.09	\$	0.0005	186	s	0.09	\$	-	0.00%	
(RRRP)					,					÷					
Standard Supply Service Charge		\$	0.25	400	\$	-	\$	0.25		\$	-	\$	-	0.000/	
Average IESO Wholesale Market Price		\$	0.1368	180	¢	24.62	\$	0.1368	180	\$	24.62	ð	•	0.00%	
Total Bill on Average IESO Wholesale Mar	ket Price				\$	28.15				\$	29.09	\$	0.93	3.31%	
HST			13%	.]	\$	3.66		13%		ŝ	3.78		0.12	3.31%	
Ontario Electricity Rebate			33.2%		\$	(9.35)		33.2%		\$	(9.66)	Ť	02	0.0170	
Total Bill on Average IESO Wholesale Mar	ket Price		00.270		\$	31.81		00.270		\$	32.87	\$	1.05	3.31%	
					Ť.			_		Ť		T			
												_			

Customer Class: UNMETERED S RPP / Non-RPP: RPP	SCATTERED LOAD SERVI	CE CLASSIFICA	ΓΙΟΝ						
Consumption 2,000	kWh		1						
	kW								
Current Loss Factor 1.0315									
Proposed/Approved Loss Factor 1.0315									
	4								
	Current OEB-Approved			Proposed		Impact			
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge		2.41	\$ -	\$ 2.45		\$ -	\$ -		
Distribution Volumetric Rate		207 2000	\$ 41.40		2000	\$ 42.20	\$ 0.80	1.93%	
Fixed Rate Riders		0.07	\$ -	\$ 0.03		\$ -	\$ -		
Volumetric Rate Riders	\$ 0.0	2000		\$ 0.0003	2000		\$ (0.60)	-50.00%	
Sub-Total A (excluding pass through)	\$ 0.1	333 63	\$ 42.60	\$ 0.1333	63	\$ 42.80 \$ 8.40	\$ 0.20 \$ -	0.47% 0.00%	
Line Losses on Cost of Power Total Deferral/Variance Account Rate	<b>\$</b> 0.1	333 <u>63</u>	\$ 8.40	\$ 0.1333	63	\$ 8.40	\$-	0.00%	
Riders	\$	- 2,000	\$-	\$ -	2,000	\$-	\$-		
CBR Class B Rate Riders	¢	- 2,000	s -	-\$ 0.0002	2,000	\$ (0.40)	\$ (0.40)		
GA Rate Riders	¢	- 2,000	\$ -	\$ 0.0002	2,000	\$ (0.40)	\$ (0.40) \$ -		
Low Voltage Service Charge	\$	- 2,000	\$ -	Ψ -	2,000	\$ -	\$- \$-		
Smart Meter Entity Charge (if applicable)	š	-	\$ -	\$ -	2,000	s -	\$ -		
Additional Fixed Rate Riders	š	-	\$ -	\$ -		s -	\$-		
Additional Volumetric Rate Riders	ŝ	- 2,000	\$-	š -	2,000	š -	\$-		
Sub-Total B - Distribution (includes							<b>*</b> (0.00)	0.000/	
Sub-Total A)			\$ 51.00			\$ 50.80	\$ (0.20)	-0.39%	
RTSR - Network	\$ 0.0	070 2,063	\$ 14.44	\$ 0.0067	2,063	\$ 13.89	\$ (0.56)	-3.85%	
RTSR - Connection and/or Line and	\$ 0.0	058 2,063	\$ 11.97	\$ 0.0056	2,063	\$ 11.46	\$ (0.50)	-4.21%	
Transformation Connection	\$ 0.0	2,063	ф II.97	\$ 0.0056	2,003	ə 11.40	\$ (0.50)	-4.21%	In the manager's summary, discuss the rease
Sub-Total C - Delivery (including Sub-			\$ 77.40			\$ 76.14	\$ (1.26)	-1.63%	
Total B)			φ 11.40			φ 10.14	¢ (1.20)	1.00%	
Wholesale Market Service Charge	\$ 0.0	034 2,063	\$ 7.01	\$ 0.0034	2,063	\$ 7.01	\$-	0.00%	
(WMSC)		-,			_,	•	÷		
Rural and Remote Rate Protection	\$ 0.0	005 2,063	\$ 1.03	\$ 0.0005	2,063	\$ 1.03	\$ -	0.00%	
(RRRP)	¢	0.25	\$ -	\$ 0.25		s -	\$ -		
Standard Supply Service Charge TOU - Off Peak		050 1,280		\$ 0.1050	1,280	\$ 134.40	э - \$ -	0.00%	
TOU - Mid Peak		500 1,280 360	\$ 134.40		360	\$ 134.40	э - \$ -	0.00%	
TOU - On Peak		<b>170</b> 360			360			0.00%	
	ψ 0.4	300	φ 70.12	φ 0.2170	300	φ 70.12	<u></u>	0.00%	
Total Bill on TOU (before Taxes)			\$ 351.97	T		\$ 350.71	\$ (1.26)	-0.36%	
HST		13%	\$ 45.76	13%		\$ 45.59		-0.36%	
Ontario Electricity Rebate	3	3.2%	\$ (116.85)			\$ (116.44)			
Total Bill on TOU			\$ 280.87			\$ 279.87		-0.36%	

Attachment E

**2021 IRM Rate Generator Model** 

Materio Energy Board Incentive Rate-setting N for 20		Quick Link Ontario Energy Board's 2021 Electricity Distribution Rate Applications Webpage	
Utility Name	London Hydro Inc.	Version 1.0	
Assigned EB Number	EB-2020-0038		
Name of Contact and Title	Judith Nagy, Supervising Regulatory Advisor		
	519-661-5800 Ext 5587		
	nagyj@londonhydro.com		
We are applying for rates effective Rate-Setting Method	Saturday, May 01, 2021 Price Cap IR		
Select the last Cost of Service rebasing year.     Z. For Accounts 1588 and 1589, please indicate the year the accounts were last disposed	2017		
<ol> <li>For Accounts 1966 and 1969, please indicate the year the accounts were last disposed on a final basis.</li> </ol>	2016		
a) If the accounts were last approved on a final basis, select the year that the balance was last approved on a final basis.			
b) If the accounts were last approved on an interim basis, and			
i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis.	2016		
(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017.)			
3. For the remaining Group 1 DVAs, please indicate the year the accounts were last disposed on a final basis.	2016		
a) If the accounts were last approved on a final basis, select the year that the balance was last approved on a final basis.			
b) If the accounts were last approved on an interim basis, and	2015		
<ul> <li>i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis.</li> </ul>	2013		
<ul> <li>ii) If there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis.</li> </ul>			
4. Select the earliest vintage year in which there is a balance in Account 1595. (e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016.)	2016		
5. Did you have any Class A customers at any point during the period that the Account 1569 balance accumulated (i.e. from the year the balance selected in #2 above to the year requested for disposition)?	Yes		
6. Did you have any Class A customers at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year selected in #3 above to the year requested for disposition)?	Yes		
7. Retail Transmission Service Rates: London Hydro Inc. is:	Transmission Connected		
8. Have you transitioned to fully fixed rates?	Yes		

Legend

Pale green cells represent input cells.

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

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**Incentive Rate-setting Mechanism** 

Rate Generator for 2021 Filers London Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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

EB-2019-0052

0.0030

## **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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	25.50
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	0.43
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
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066
MONTHLY RATES AND CHARGES - Regulatory Component		

# Wholesale Market Service Rate (WMS) - not including CBR \$/kWh Capacity Based Recovery (CBR) - Applicable for Class B Customers \$/kWh Rural or Remote Electricity Rate Protection Charge (RRRP) \$/kWh



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Ontario Energy Board Incentive Rate-setting Mechanism

## **Rate Generator for 2021 Filers** 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 Global Adjustment and the HST.

Service Charge	\$	33.54
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	0.56
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022 Distribution Volumetric Rate	\$ \$ \$/kWh	0.41 0.57 0.0112
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$/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 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kWh	0.0001 0.0070 0.0058
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0030 0.0004 0.0005 0.25

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**Incentive Rate-setting Mechanism** 

## **Rate Generator for 2021 Filers** 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	163.85
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	2.74
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order Distribution Volumetric Rate	\$ \$/kW	2.01 2.8291

Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021 2. Current Tariff Schedule

# Ontario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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	2.4370
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1271
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1250
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9640
MONTHLY RATES AND CHARGES - Regulatory Component		
MONTHLY RATES AND CHARGES - Regulatory Component Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
	\$/kWh \$/kWh	0.0030 0.0004
Wholesale Market Service Rate (WMS) - not including CBR	<b>*</b> /	

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Ontario Energy Board
Incentive Rate-setting Mechanism

## **Rate Generator for 2021 Filers** 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

(e.g. nameplate rating of the generation facility)	\$/kW	3.9077
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order Distribution Volumetric Rate is applied to billed demand in excess of contracted amount	\$	27.46
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	37.39
Service Charge	\$	2,236.97

2. Current Tariff Schedule

# Ontario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.0653
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	3.6076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.1353
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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# Ontario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

## 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

Standby Charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	\$/kW	3.2276
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.0540
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

Ontario Energy Board
Incentive Rate-setting Mechanism

# Rate Generator for 2021 Filers

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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

Service Charge	\$	21,098.33
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	352.68
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order Distribution Volumetric Rate	\$ \$/kW	258.98 2.3545
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.0394
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Con <b><u>য়</u>়েলোকো</b> গ্ৰ <b>িকিকিকি</b> detered	\$/kW \$/kW \$/kWsued	0.0289 3.2012 Month <b>2l99,4</b> 9ear

# Ontario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

Ontario Energy Board Incentive Rate-setting Mechanism

## **Rate Generator for 2021 Filers** 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 Ontaro 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 Global Adjustment and the HST.

Service Charge (per connection)	\$	1.71
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$	0.03
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order Distribution Volumetric Rate	\$ \$/kW	0.02 8.5357
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.1427
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW \$/kW \$/kW	0.1048 2.1457 1.8729
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0030 0.0004 0.0005 0.25

# 🛃 Ontario Energy Board **Incentive Rate-setting Mechanism Rate Generator for 2021 Filers**

## 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 Global Adjustment and the HST.

\$	4.81
\$	0.08
\$ \$/kW	0.06 15.8265
\$/kW	0.2646
\$/kW \$/kW \$/kW	0.1943 2.1485 1.8755
\$/kWh \$/kWh \$/kWh \$	0.0030 0.0004 0.0005 0.25
	\$ \$/kW \$/kW \$/kW \$/kW \$/kW \$/kWh

Ontario Energy Board
Incentive Rate-setting Mechanism

## **Rate Generator for 2021 Filers** 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 Global Adjustment and the HST.

Service Charge (per connection) Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from	\$	2.41
November 1, 2020 and effective until April 30, 2021	\$	0.04
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	0.0207
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from		
November 1, 2020 and effective until April 30, 2021	\$/kWh	0.0003
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	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
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# 🛃 Ontario Energy Board **Incentive Rate-setting Mechanism Rate Generator for 2021 Filers**

## 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 theOntario 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 Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	4.55
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 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		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	35.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

#### OTHER

Meter interrogation charge

2. Current Tariff Schedule

Issued Month day ျွန်ပြီး

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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.

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 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	\$	102.00
Monthly Fixed Charge, per retailer	\$	40.80
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
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)	\$	4.08
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the		
Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.04

## 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

						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 <sup>1</sup> 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 <sup>1</sup> during 2016	Closing Interest Amounts as of Dec 31, 2016
Group 1 Accounts											
LV Variance Account	1550	0				0	0	1			0
Smart Metering Entity Charge Variance Account	1551	0			(47,846)	(47,846)	0			(501)	(501)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0			(10,079,202)	(10,079,202)	0			(121,807)	(121,807)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0			(185)	(185)	0	1		(0)	(0)
Variance WMS – Sub-account CBR Class B⁵	1580	0			686,542	686,542	0			10,507	10,507
RSVA - Retail Transmission Network Charge	1584	0			12,989	12,989	0			(3,305)	
RSVA - Retail Transmission Connection Charge	1586	0			(714,736)	(714,736)	0			(6,451)	(6,451)
RSVA - Power <sup>4</sup>	1588	0			(79,854)	(79,854)	0			2,762	2,762
RSVA - Global Adjustment <sup>4</sup>	1589	0			(1,859,136)	(1,859,136)	0			(23,490)	(23,490)
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	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) <sup>3</sup>	1595	0				0	0	)			0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>											
Refer to the Filing Requirements for disposition eligibility.	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	c	C	(1,859,136)	(1,859,136)	0	0	0	(23,490)	(23,490)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	(3,452,802)	(5,146,404)	A 1 (1) A 1 (1) A 1	(8,528,691)	0		(259,389)	(118,795)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Total Group 1 Balance		0	(3,452,802)	A 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (		(10,387,826)	0		(259,389)	(142,285)	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	441,153	818,621			1,259,774	1,807	8,980			10,787
Total including Account 1568		441,153	(2,634,181)	(5,146,404)	(12,081,428)	(9,128,053)	1,807	34,534	(259,389)	(142,285)	153,445

						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 <sup>1</sup> 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 <sup>1</sup> 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 <sup>5</sup>	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 <sup>5</sup>	1580	(185)	(0)			(185)	(0)	(2)			(2)
Variance WMS – Sub-account CBR Class B <sup>5</sup>	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 <sup>4</sup>	1588	(79,854)	(755,160)	(372,517)	474,083	11,586	2,762	1,864	194		4,431
RSVA - Global Adjustment <sup>4</sup>	1589	(1,859,136)	2,901,221	(493,463)	(582,826)	952,723	(23,490)	31,909	(39,933)		48,352
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	1,693,602	(1,587,537)			106,065	284,944	(485,893)			(200,949)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	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) <sup>3</sup>	1595	0		-,, -		0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>		-				-	-				-
Refer to the Filling Requirements for disposition eligibility.	1595	0				0	0				0
RSVA - Global Adjustment	1589	(1,859,136)	2,901,221	(493,463)	(582,826)	952,723	(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)	474,083	(8,979,632)	166,149	(610,032)	(39,078)	0	(404,805)
Total Group 1 Balance		(10,387,826)	1,457,290	(1,012,371)	(108,743)	(8,026,909)	142,659	(578,123)	(79,011)	0	(356,453)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	1,259,774	851,706	441,153		1,670,327	10,787	16,445	8,277		18,954
Total including Account 1568		(9,128,053)	2,308,996	(571,218)	(108,743)	(6,356,581)	153,445	(561,678)	(70,734)	C	(337,498)

						2018					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2018	Transactions Debit/ (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments <sup>1</sup> during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments <sup>1</sup> during 2018	Closing Interest Amounts as of Dec 31, 2018
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	(48,150)	(126,825)	(23,295)		(151,679)	(528)	(2,370)	(504)		(2,395)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(6,091,658)	(352,295)	(2,979,756)		(3,464,196)	(68,422)	(74,493)	(67,914)		(75,001)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	(185)	3			(182)	(2)	(3)			(6)
Variance WMS – Sub-account CBR Class B⁵	1580	(157,810)	(54,611)	(130,012)	(128,765)	(211,175)	(2,962)	(1,946)	(3,402)	(5,094)	(6,600)
RSVA - Retail Transmission Network Charge	1584	1,036,784	4,465,513	240,008		5,262,289	10,057	42,048	5,451		46,653
RSVA - Retail Transmission Connection Charge	1586	(923,871)	4,528,835	(154,400)		3,759,364	(1,546)	17,019	(1,089)		16,562
RSVA - Power <sup>4</sup>	1588	11,586	426,018	292,663	306,000	450,941	4,431	4,064	6,178		2,318
RSVA - Global Adjustment <sup>4</sup>	1589	952,723	433,297	(1,365,673)	(1,166,931)	1,584,762	48,352	40,623	(8,475)		97,451
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	106,065				106,065	(200,949)	1,977			(198,971)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	(2,912,393)	2,780,688			(131,706)	(144,884)	91,990			(52,894)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0	2,379,124	4,120,465	128,765	(1,612,577)	0	(42,126)	69,756	5.094	(106,788)
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>				, .,	-,	( <i>i</i> = <i>i</i> = <i>i</i>			,		( , ,
Refer to the Filing Requirements for disposition eligibility.	1595	0				0	0				0
RSVA - Global Adjustment	1589	952,723	433,297	(1,365,673)	(1,166,931)	1,584,762	48,352	40,623	(8,475)	0	97,451
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(8,979,632)	14,046,449	1,365,673	306,000	4,007,145	(404,805)	36,159	8,475	0	(377,122)
Total Group 1 Balance		(8,026,909)	14,479,746	0	(860,931)	5,591,906	(356,453)	76,782	0	0	(279,671)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	1,670,327				1,670,327	18,954	31,110			50,064
Total including Account 1568		(6,356,581)	14,479,746	0	(860,931)	7,262,234	(337,498)	107,891	0	0	(229,607)

						2019					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2019	Transactions Debit/ (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments <sup>1</sup> during 2019	Closing Principal Balance as of Dec 31, 2019	Opening Interest Amounts as of Jan 1, 2019	Interest Jan 1 to Dec 31, 2019	OEB-Approved Disposition during 2019	Interest Adjustments <sup>1</sup> during 2019	Closing Interest Amounts as of Dec 31, 2019
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	(151,679)	(31,134)			(182,813)	(2,395)	(3,802)			(6,197)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(3,464,196)	(681,039)			(4,145,234)	(75,001)	(71,865)			(146,866)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	(182)	0			(182)	(6)	(4)			(10)
Variance WMS – Sub-account CBR Class B⁵	1580	(211,175)	(213,589)			(424,764)	(6,600)	(3,917)		(2,893)	(13,410)
RSVA - Retail Transmission Network Charge	1584	5,262,289	634,931	3,799,265		2,097,956	46,653	61,460			108,113
RSVA - Retail Transmission Connection Charge	1586	3,759,364	(158,974)	3,684,923		(84,534)	16,562	19,089			35,651
RSVA - Power <sup>4</sup>	1588	450,941	1,353,041		(863,881)	940,102	2,318	(22,019)			(19,701)
RSVA - Global Adjustment <sup>4</sup>	1589	1,584,762	2,094,580		899,721	4,579,063	97,451	118,309			215,760
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	106,065				106,065	(198,971)	2,383			(196,589)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	(131,706)				(131,706)	(52,894)	(2,959)			(55,853)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	(1,612,577)	1,455,850			(156,727)	(106,788)	127,215		2,893	23,319
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>			,,			( · · · · /	(,,			,	.,
Refer to the Filing Requirements for disposition eligibility.	1595	0		(8,302,809)		8,302,809	0		(35,119)		35,119
RSVA - Global Adjustment	1589	1,584,762	2,094,580	C	899,721	4,579,063	97,451	118,309	0	0	215,760
Total Group 1 Balance excluding Account 1589 - Global Adjustment		4,007,145	2,359,087	(818,621)	(863,881)	6,320,971	(377,122)	105,581	(35,119)	0	(236,423)
Total Group 1 Balance		5,591,906	4,453,667	(818,621)	35,840	10,900,034	(279,671)	223,890	(35,119)	0	(20,662)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	1,670,327		818,621		851,706	50,064	25,063	35,119		40,009
Total including Account 1568		7,262,234	4,453,667	C	35,840	11,751,741	(229,607)	248,954	0	C	19,346

			2020 Projected Interest on Dec-31-2019 Balances								$2.1.7 \text{ RRR}^5$	
Account Descriptions	Account Number	Principal Disposition during 2020 - instructed by OEB	Interest Disposition during 2020 - instructed by OEB	Closing Principal Balances as of Dec 31, 2019 Adjusted for Disposition during 2020	Closing Interest Balances as of Dec 31, 2019 Adjusted for Disposition during 2020	Projected Interest from Jan 1, 2020 to Dec 31, 2020 on Dec 31, 2019 balance adjusted for disposition during 2020 <sup>2</sup>	Projected Interest from Jan 1, 2021 to Apr 30, 2021 on Dec 31, 2019 balance adjusted for disposition during 2020 <sup>2</sup>	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2019	Variance RRR vs. 2019 Balance (Principal + Interest)
Group 1 Accounts												
LV Variance Account	1550			0	0			0	0		0	0
Smart Metering Entity Charge Variance Account	1551			(182,813)	(6,197)	(2,506)	(343)	(9,045)	(191,858)		(189,009)	0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580			(4,145,234)	(146,866)	(56,815)	(7,768)	(211,449)	(4,356,683)		(4,593,714)	(301,613)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580			(182)	(10)	(3)	(0)	(13)	0		(192)	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580			(424,764)	(13,410)	(5,822)	(796)	(20,028)	(444,792)		(301,422)	136,752
RSVA - Retail Transmission Network Charge	1584			2,097,956	108,113	28,755		140,799	2,238,755		2,206,069	0
RSVA - Retail Transmission Connection Charge	1586			(84,534)	35,651	(1,159)	(158)	34,334	(50,200)		(48,883)	0
RSVA - Power <sup>4</sup>	1588			940,102	(19,701)	12,885	1,762	(5,054)	935,047		1,004,199	
RSVA - Global Adjustment <sup>4</sup>	1589			4,579,063	215,760	62,761	8,581	287,102	4,866,165		5,645,394	850,571
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) <sup>3</sup>	1595			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595			106,065	(196,589)	1,454	199	(194,936)	(88,871)	Yes	(90,524)	0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595			(131,706)	(55,853)	(1,805)	(247)	(57,905)	(189,610)	Yes	(187,558)	(0)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595			(156,727)	23,319	(2,148)	(294)	20,877	0	No	(270,160)	(136,752)
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>										N-		
Refer to the Filing Requirements for disposition eligibility.	1595			8,302,809	35,119	113,798	15,559	164,476	0	No	4,996,917	(3,341,011)
RSVA - Global Adjustment	1589	0	(	4,579,063	215,760	62,761	8,581	287,102	4,866,165		5,645,394	850,571
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	(	6,320,971	(236,423)	86,635		(137,942)	(2,148,212)		2,827,336	
Total Group 1 Balance		0	(	10,900,034	(20,662)	149,396	20,426	149,160	2,717,953		8,472,730	(2,406,641)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			851,706	40,009	11,711	1,618	53,338	905,045		2,185,698	1,293,982
Total including Account 1568		0	(	) 11,751,741	19,346	161,107	22,045	202,498	3,622,997		10,658,428	(1,112,659)

## **Incentive Rate-setting Mechanism Rate Generator** for 2021 Filers

Data on this worksheet has been populated using your most recent RRR filing. If you have identified any issues, please contact the OEB. Have you confirmed the accuracy of the data below?



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 UEB to make adjustments to the IKIVI 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 <mark>kWh</mark> for Wholesale Market Participants (WMP)		Total Metered kWh less WMP consumption <i>(if applicable)</i>	Total Metered kW less WMP consumption <i>(if applicable)</i>	1595 Recovery Proportion (2016) <sup>1</sup>	1595 Recovery Proportion (2017) <sup>1</sup>	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,099,830,560	C	26,248,269	0	0	0	1,099,830,560	0	-18%	28%	557,702	146,208
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	395,444,422	C	58,367,295	0	0	0	395,444,422	0	-3%	9%	79,159	12,800
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	1,456,298,256	3,668,057	1,303,521,934	3,304,750	14,578,192	26,586	1,441,720,064	3,641,471	122%	57%	486,087	
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE	1.147												
CLASSIFICATION	kW	8,547,167	55,791	8,547,167	55,791	0	0	8,547,167	55,791	0%	1%	6,751	
STANDBY POWER SERVICE CLASSIFICATION	kW	26,472,972	172,800	26,472,972	172,800	0	0	26,472,972	172,800	2%	0%	20,909	
LARGE USE SERVICE CLASSIFICATION	kW	110,801,181	216,189	110,801,181	216,189	0	0	110,801,181	216,189	-5%	4%	-107,067	
STREET LIGHTING SERVICE CLASSIFICATION	kW	16,623,912	46,619	16,623,912	46,619	0	0	16,623,912	46,619	2%	1%	-138,496	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	541,973	1,472	6,441	17	0	0	541,973	1,472	0%	0%	0	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,501,898	C	0	0	0	0	5,501,898	0	0%	0%	0	
	Total	3,120,062,341	4,160,928	1,550,589,171	3,796,166	14,578,192	26,586	3,105,484,149	4,134,342	100%	100%	905,045	159,008
Threshold Test		•											

Threshold Test	
Total Claim (including Account 1568)	\$4,571,380
Total Claim for Threshold Test (All Group 1 Accounts)	\$3,666,335
Threshold Test (Total claim per kWh) <sup>2</sup>	\$0.0012
Currently, the threshold test has been met and the default is that Group 1	

erault is that Group account balances will be disposed. If you are requesting not to dispose of the Group 1 account balances, please select NO and provide detailed reasons in the manager's summary.

YES

<sup>1</sup> Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

<sup>2</sup> The Threshold Test does not include the amount in 1568.

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

# for 2021 Filers

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

## Allocation of Group 1 Accounts (including Account 1568)

		% of Customer	% of Total kWh adjusted for			allocated based on Total less WMP			allocated based on Total less WMP			
Rate Class	% of Total kWh		WMP	9 1550	1551	1580	1584	1586	1588	1595_(2016)	1595_(2017)	1568
RESIDENTIAL SERVICE CLASSIFICATION	35.3%	92.0%	35.4%	0	(176,413)	(1,542,952)	789,167	(17,695)	331,154	15,997	(53,091)	557,702
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	12.7%	8.0%	12.7%	0	(15,444)	(554,769)	283,745	(6,362)	119,067	2,666	(17,065)	79,159
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	46.7%	0.0%	46.4%	0	0	(2,022,589)	1,044,945	(23,431)	434,095	(108,423)	(108,078)	486,087
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE												
CLASSIFICATION	0.3%	0.0%	0.3%	0	0	(11,991)	6,133	(138)	2,574	0	(1,896)	6,751
STANDBY POWER SERVICE CLASSIFICATION	0.8%	0.0%	0.9%	0	0	(37,139)	18,995	(426)	7,971	(1,777)	0	20,909
LARGE USE SERVICE CLASSIFICATION	3.6%	0.0%	3.6%	0	0	(155,443)	79,504	(1,783)	33,362	4,444	(7,584)	(107,067)
STREET LIGHTING SERVICE CLASSIFICATION	0.5%	0.0%	0.5%	0	0	(23,322)	11,928	(267)	5,005	(1,777)	(1,896)	(138,496)
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	(760)	389	(9)	163	0	0	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	0	0	(7,719)	3,948	(89)	1,657	0	0	0
Total	100.0%	100.0%	100.0%	0	(191,858)	(4,356,683)	2,238,755	(50,200)	935,047	(88,871)	(189,610)	905,045

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

K	📆 Ontario Energy Board			
	Incentive Rate-setting	Mechan	ism Rate Generator	
	for 2	021 File	ers	
1a	The year Account 1589 GA was last disposed	2016	1	
1b	The year Account 1580 CBR Class B was last disposed	2015	Note that the sub-account was established in 2015.	
2a	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed per #1a above to the current year requested for disposition)?	Yes	(If you received approval to dispose of the CBR Class B account balance as at December 31, 2016, the period the GA variance accumulated would be 2017 to 2019.)	
2b	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B bance accumulated (i.e. from the year after the balance was last disposed per #1b above to the current year requested for disposition)?	Yes	(If you received approval to dispose of the CBR Class B account balance as at December 31, 2016, the period the GA variance accumulated would be 2017 to 2019.)	
3a	Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).	53		
		Transition Customers - N	Ion-loss Adjusted Billing Determinants by Customer	
		Customer	Rate Class	
		Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWi kV
				Class A/E
		Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWi kV
				Class A/E
		Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWł
				kV Class A/E
		Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWi
				kV
				Class A/E

			20	19	20	18	20	17	2016	5
Customer	Rate Class		January to June	July to December	January to June	July to December	January to June	July to December	January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					3,860,692	3,723,523	3,901,190	4,237,582
		kW					7,198	6,635	7,290	8,269
		Class A/B	A	A	A	A	В	A	В	В
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh			2,301,972	2,335,551	1,906,907	1,714,719	1,232,594	1,296,542
		kW			6,447	7,341	6,232	5,962	3,207	3,346
		Class A/B	A	A	В	A	В	В	В	В
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					4,959,645	4,500,748	5,307,908	4,930,893
		kW					11,203	10,666	10,817	11,163
		Class A/B	A	A	A	A	В	A	В	В
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					3,564,186	3,744,659	3,481,807	3,574,754
		kW					6,458	6,466	5,539	5,470
		Class A/B	A	A	A	A	В	A	В	В
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					3,182,276	2,949,948	3,037,730	2,860,001
		kW					17,646	17,314	16,835	17,507
		Class A/B	A	A	A	A	В	A	В	В
Customer 6	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	6,309,529	5,825,064			6,971,251	6,302,232	7,637,908	7,745,085
		kW	12,649	12,186			13,505	13,613	15,116	15,823
		Class A/B	A	В	A	A	В	A	В	В
Customer 7	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh			6,018,947	6,391,391	5,648,101	6,058,268	5,835,946	6,010,001
		kW			13,638	14,675	13,152	13,505	13,230	13,601
-		Class A/B	A	A	В	A	В	В	В	В
Customer 8	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh			5,993,981	7,283,246	4,225,501	5,200,586	4,110,363	5,146,815
		kW			15,342	18,350	12,117	14,628	11,499	14,540
		Class A/B	A	A	В	A	B	B	B	B
Customer 9	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh kW					5,269,472	5,487,676	4,968,293	5,110,675
			A	A	A	A	11,880 B	11,756 A	11,348 B	11,538 B
Customer 10	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Class A/B kWh	A	A	A	A	В 13.612.123	A 12.534.892	в 12.535.233	В 13.347.826
Customer 10	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWn					13,612,123	12,534,892 20,930	12,535,233 21,869	13,347,826 21,932
		Class A/B	A	A	A	A	B	20,930 A	21,809 B	R 21,932
Customer 11	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	A	A	А	A	1,406,770	1,486,795	1,363,497	1,349,661
customer 11	GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kW					2,967	3,705	3,285	3,312
		-	A	A	A	A	2,967 B	3,703 A	3,263 B	5,312 B
Customer 12	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Class A/B kWh	761,941	792,953	822,394	731,361	751,493	715,775	749,764	775,474
customer 12	GENERAL SERVICE SO 10 4,555 KW SERVICE CEASSIFICATION	kW	3,390	3,345	3,407	3,371	3.044	3.241	3,291	3,324
		Class A/B	3,350 B	A A	A	B	3,044 B	A 3,241	B	3,324 R
Customer 13	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,035,790	992,212	1,006,792	1,035,852	964,832	991.672	962.596	1,118,101
customer 15	GENERAL SERVICE SO to 4,555 KW SERVICE CEASSIFICATION	kW	3,484	3,617	3,717	3,847	3.348	3.708	3.442	3,722
		Class A/B	B	A	В	В	B	В	B. 5,442	B. 5,722
Customer 14	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	5		5	5	1,537,271	1,388,270	1,529,604	1,523,517
		kW					3,002	3,179	3,213	3,155
		Class A/B	A	A	A	A	B	Α	B	B
Customer 15	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					6,274,534	6,639,000	5,880,580	6,236,481
		kW					12.267	12.872	12,136	12,441
		Class A/B	Α	А	A	A	в	Α	B	B
Customer 16	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					3,084,840	3,466,294	3,527,107	2,959,805
		kW					7,731	7,425	7,279	7,459
		Class A/B	A	A	A	A	B	A	В	B
Customer 17	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					5,899,635	5,978,928	5,832,410	5,758,425
	,	kW					11,201	11,550	11,045	11,231
		Class A/B	A	A	A	A	В	A	B	B
Customer 18	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					4,317,162	5,519,165	3,774,433	4.064.025
	,	kW					8,929	13.580	7.857	8,213
		Class A/B	A	А	A	A	B	A	В	B

Customer 19	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					6,353,666	5,656,525	5,455,786	5,660,771
		kW					11,146	10,509	10,106	10,808
	GENERAL SERVICE 50 to 4.999 kW SERVICE CLASSIFICATION	Class A/B	A	A	A	A	B 767.186	A 770,573	B 724,666	B
Customer 20	GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kWh kW								652,887
		KW Class A/B	٨	٨	٨		5,679	6,248	6,716 P	5,205 B
Customer 21	GENERAL SERVICE 50 to 4.999 kW SERVICE CLASSIFICATION	kWh	~	~	^	^	2.338.721	2.468.327	2.046.702	2.259.959
customer 21	denerore service so to 4,555 km service corosinention	kW					6,989	7,278	6,681	6,963
		Class A/B	A	A	A	A	B	A	B	B
Customer 22	GENERAL SERVICE 50 to 4.999 kW SERVICE CLASSIFICATION	kWh	~		~	~	2,990,445	3.314.747	2,956,240	3.201.636
		kW					6,292	6,776	6,389	6,807
		Class A/B	А	А	A	A	B	A	В	B
Customer 23	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh			576.182	916.342	559,766	918.010	640,783	893.599
		kW			2,812	5,269	2,787	5,174	2,879	4,785
		Class A/B	А	A	В	A	В	В	В	В
Customer 24	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					5,836,292	5,662,936	6,283,262	6,008,527
		kW					12,083	11,617	12,956	12,963
		Class A/B	А	A	A	A	В	A	В	В
Customer 25	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,469,637	1,701,823			1,745,571	1,837,939	1,851,029	2,266,124
		kW	6,595	7,535			7,976	7,606	7,049	8,621
		Class A/B	A	В	A	A	В	A	В	B
Customer 26	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					1,486,517	1,559,750	1,500,658	1,375,954
		kW					4,834	4,594	4,527	4,404
		Class A/B	A	A	A	A	В	A	В	В
Customer 27	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	10,827,714	10,569,593	10,486,451	10,479,810	9,855,602	9,746,411		
		kW	27,789	28,014	26,742	28,556	22,873	26,045		
Customer 20		Class A/B	A	в	в	A	в	8	A	0.000.000
Customer 28	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh kW					2,042,620	1,959,724	2,075,354	2,080,929
1			,				4,551	4,375	4,766	4,865
Customer 29	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Class A/B kWh	A	A	A 1,931,348	A 2,103,107	B 1,406,417	A 1,545,670	B 678,590	B 846,632
customer 29	SERVICE SERVICE SO TO 4,555 KW SERVICE CENSSIFICATION	kWn kW			1,931,348 3,909	2,103,107	1,406,417 3,204	1,545,670	2,344	2,483
1		Class A/B	A	A	p 5,909	5,/3/	5,204 B	3,132 B	2,344 B	2,483 B
Customer 30	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	~	~	D	^	5,942,375	5,512,396	5,089,668	4,643,382
customer 50	SERVICE SERVICE SO TO 4,555 KM SERVICE CENSUL/TEATION	kW					5,942,375	10,569	9,384	4,645,582
		Class A/B	A	A	А	Α	B	A A	B 8	8,310
Customer 31	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					5,027,567	5,234,210	1,772,821	4,295,476
	in the second seco	kW					6,961	7,609	3,966	6,751
		Class A/B	A	A	A	A	B	A	В	B
Customer 32	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					1,009,278	1,069,149	1,053,061	1,043,625
		kW					3,276	3,660	3,395	3,505
		Class A/B	A	A	A	A	В	A	В	В
Customer 33	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	4,374,780	4,449,262	4,531,043	5,032,425	4,373,526	4,533,559		
		kW	11,826	11,810	10,918	11,795	11,780	12,065		
		Class A/B	A	В	A	A	В	A		
Customer 34	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	959,035	874,207	807,825	1,097,135	1,786,508	865,099	2,208,768	2,134,698
		kW	2,234	2,182	1,847	2,290	4,045	1,983	4,007	4,032
		Class A/B	В	В	A	В	В	A	В	В
Customer 35	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,594,636	1,646,870	924,130	1,427,460				
		kW	4,304	4,713	3,721	4,396				
	GENERAL SERVICE 50 to 4.999 kW SERVICE CLASSIFICATION	Class A/B	В	A	B	В			2.568.052	
Customer 36	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					2,513,168	2,795,645		2,768,379
		kW Class A/B	A				8,202	8,414	7,699 B	8,039 B
Customer 37	GENERAL SERVICE 50 to 4.999 kW SERVICE CLASSIFICATION	Cidss A/B kWh	А	A	A	A	8 618 895	10.259.891	8 701 949	10.610.922
customer s7	GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kW					16,816	10,259,891	17,084	20,600
		Class A/B	Δ	۵	۵	۵	R 10,010	Δ	R R	B
Customer 38	GENERAL SERVICE 50 to 4.999 kW SERVICE CLASSIFICATION	kWh					2.850.572	3 189 678	2.766.342	3.335.985
		kW					5,594	5,917		6,132
		Class A/B	A	A	A	A	В	A	В	В
Customer 39	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh			5,314,767	5,208,946	4,807,596	4,881,689		1,376,370
		kW			11,852	12,700	12,371	12,770		2,965
		Class A/B	A	A	B	A	В	В		В
Customer 40	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					5,382,534	5,390,765	4,432,470	4,442,198
1		kW		-			11,332	11,261	10,399	11,054
L		Class A/B	A	A	A	A	В	A	В	В
Customer 41	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					4,086,972	4,570,541	3,737,272	4,271,039
		kW					7,794	8,493	7,315	8,745
		Class A/B	A	A	A	A	B	A	B	B
Customer 42	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					2,472,379	2,711,101	2,255,208	2,018,218
		kW Class A/R		A			6,530	7,245	6,108 P	5,932 B
Customer 43	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Class A/B kWh	A	м	A	A	13,717,354	A 15,186,483	D	D
Customer 45	Sector Contract Solid 4,555 KM SERVICE COSSILICATION	kW					25,860	29,244		
1		Class A/B	A	A	А	Α	B	A		
Customer 44	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					510,410	456,022	487,246	440,091
	in the second seco	kW					5,475	5,076	5,215	5,122
1		Class A/B	A	A	A	A	В	A	В	В
Customer 45	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					4,518,668	4,790,200	4,243,817	4,546,728
1		kW					9,667	10,340	9,271	10,287
		Class A/B	A	A	A	A	В	A	В	В
Customer 46	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh					4,164,829	4,731,647		
1		kW					7,816	9,238		
		Class A/B	A	A	A	A	В	A		
Customer 47	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	4,612,773	4,921,165	5,128,154	5,488,297	4,973,115	5,245,110		
		kW	11,052	13,066	11,896	13,741	11,221	13,239		
		Class A/B	В	A	В	В	В	В		
Customer 48	GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE C	kWh kW	120,482	93,852	727,816	271,052	5,629,926	4,656,655	5,723,263	6,001,956 12,938
		kW Class A/B	703	577	2,102	1,541 P	12,372	10,758	12,341	12,938
Customer 49	STANDBY POWER SERVICE CLASSIFICATION	Class A/B kWh	B 1.542.096	A 1.462.911	B 3.116.675	B 1.582.836	D	B 665.708	6	В
customer 49	STANDET POWER SERVICE CLASSIFICATION	kWh kW	1,542,096	1,462,911 9,000	3,116,675	1,582,836		665,708		
		Class A/B	9,000 B	9,000 A	9,000 B	9,000 B		1,600 B		
Customer 50	GENERAL SERVICE 1.000 TO 4.999 KW (CO-GENERATION) SERVICE C	kWh	2.053.306	4.316.892	5.981.886	8.696.461		a		
customer so		kW	12,467	4,310,832	22,821	31,673				
1		Class A/B	B	B	A	B	A	А	A	A
	STANDBY POWER SERVICE CLASSIFICATION	kWh	4,940,784	6,929,527	7.863.687	8,237,006				
Customer 51										

		kW	30,000	30,000	30,000	30,000				
		Class A/B	В	В	A	В	A	A	A	A
Customer 52	GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE C	kWh			97,841	430,423	623,570	228,431		
		kW			2,377	15,420	11,689	4,324		
		Class A/B	A	A	В	A	В	В	A	
Customer 53	STANDBY POWER SERVICE CLASSIFICATION	kWh			864,292	586,198	1,120,279	1,109,516		
		kW			21,000	21,000	21,000	21,000		
		Class A/B	A	А	В	А	В	В	A	

Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GRB balance accumulated (i.e. from the year after the balance was last disposed per #fat/b above to the current year requested for disposition). In the table, enter the total Class A consumption for full year Class A customers in each rate class for each year (including transition customers identified in table 3a above if they were a full year Class A customer for a particular year).

3b

#### Rate Classes with Class A Customers - Billing Determinants by Rate Class

	Rate Class		2019	2018	2017	2016
Rate Class 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	394,815,609	377,743,699	62,011,207	80,687,058
		kW	889,609	839,358	145,990	194,406
Rate Class 2	GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE C	kWh	872,570	28,743	15,498,074	17,453,475
		kW	9,569	292	44,267	74,430
Rate Class 3	STANDBY POWER SERVICE CLASSIFICATION	kWh	7,731,400	4,124,933	23,009,052	25,881,097
		kW	94,800	52,800	112,800	154,800
Rate Class 4	LARGE USE SERVICE CLASSIFICATION	kWh	110,801,180	116,599,711	116,811,523	127,764,620
		kW	216,189	221,471	227,423	242,918

## Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

Year the Account 1589 GA Balance Last Disposed



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

		Total	2019	2018	2017
Non-RPP Consumption Less WMP Consumption	А	4,767,867,641	1,550,589,171	1,607,518,501	1,609,759,969
Less Class A Consumption for Partial Year Class A Customers	В	243,067,240	32,891,622	51,210,806	158,964,812
Less Consumption for Full Year Class A Customers	С	1,230,047,700	514,220,759	498,497,086	217,329,856
Total Class B Consumption for Years During Balance			1.003.476.790	1.057.810.609	1,233,465,301
Accumulation	D = A-B-C	3,294,752,701	1,000,110,150	1,057,010,005	1,255,105,501
All Class B Consumption for Transition Customers	E	365,255,472	52,287,211	73,056,807	239,911,453
Transition Customers' Portion of Total Consumption	F = E/D	11.09%			

#### Allocation of Total GA Balance \$

Total GA Balance	G	\$ 4,866,165
Transition Customers Portion of GA Balance	H=F*G	\$ 539,462
GA Balance to be disposed to Current Class B Customers through		
Rate Rider	I=G-H	\$ 4,326,703

### Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	53						
Customer		Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2019	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2018	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2017	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments
Customer 1	3,860,692	C	0	3,860,692	1.06%	\$ 5,702	
Customer 2	5,923,598	C	2,301,972	3,621,626	1.62%	\$ 8,749	
Customer 3	4,959,645	C	0	4,959,645	1.36%	\$ 7,325	
Customer 4	3,564,186	C	0	3,564,186	0.98%	\$ 5,264	
Customer 5	3,182,276	C	0	3,182,276	0.87%	\$ 4,700	\$ 392
Customer 6	12,796,314	5,825,064	. 0	6,971,251	3.50%	\$ 18,899	\$ 1,575
Customer 7	17,725,317	C	6,018,947	11,706,369	4.85%	\$ 26,179	\$ 2,182
Customer 8	15,420,068	C	5,993,981	9,426,087	4.22%	\$ 22,775	\$ 1,898
Customer 9	5,269,472	C	0	5,269,472	1.44%	\$ 7,783	\$ 649
Customer 10	13,612,123	C	0	13,612,123	3.73%	\$ 20,104	\$ 1,675
Customer 11	1,406,770	C	0	1,406,770	0.39%	\$ 2,078	\$ 173
Customer 12	2,244,795	761,941	731,361	751,493	0.61%	\$ 3,315	\$ 276
Customer 13	5,034,937	1,035,790	2,042,644	1,956,504	1.38%	\$ 7,436	\$ 620
Customer 14	1,537,271	C	0	1,537,271	0.42%	\$ 2,270	
Customer 15	6,274,534	C	0	6,274,534	1.72%	\$ 9,267	\$ 772
Customer 16	3,084,840	C	0	3,084,840	0.84%	\$ 4,556	\$ 380
Customer 17	5,899,635	C	0	5,899,635	1.62%	\$ 8,713	
Customer 18	4,317,162	C	0	4,317,162	1.18%	\$ 6,376	
Customer 19	6,353,666	C	0	6,353,666	1.74%	\$ 9,384	\$ 782
Customer 20	767,186	C	0	767,186	0.21%	\$ 1,133	\$ 94
Customer 21	2,338,721	C	0	2,338,721	0.64%	\$ 3,454	
Customer 22	2,990,445	C	0	2,990,445	0.82%	\$ 4,417	\$ 368

Customer 23	2,053,957	0	576,182	1,477,776	0.56%	\$ 3,034	\$ 253
Customer 24	5,836,292	0	0	5,836,292	1.60%	\$ 8,620	\$ 718
Customer 25	3,447,394	1,701,823	0	1,745,571	0.94%	\$ 5,092	\$ 424
Customer 26	1,486,517	0	0	1,486,517	0.41%	\$ 2,196	\$ 183
Customer 27	40,658,056	10,569,593	10,486,451	19,602,013	11.13%	\$ 60,050	\$ 5,004
Customer 28	2,042,620	0	0	2,042,620	0.56%	\$ 3,017	\$ 251
Customer 29	4,883,435	0	1,931,348	2,952,087	1.34%	\$ 7,213	\$ 601
Customer 30	5,942,375	0	0	5,942,375	1.63%	\$ 8,777	\$ 731
Customer 31	5,027,567	0	0	5,027,567	1.38%	\$ 7,425	\$ 619
Customer 32	1,009,278	0	0	1,009,278	0.28%	\$ 1,491	\$ 124
Customer 33	8,822,788	4,449,262	0	4,373,526	2.42%	\$ 13,031	\$ 1,086
Customer 34	4,716,885	1,833,242	1,097,135	1,786,508	1.29%	\$ 6,967	\$ 581
Customer 35	3,946,225	1,594,636	2,351,590	0	1.08%	\$ 5,828	\$ 486
Customer 36	2,513,168	0	0	2,513,168	0.69%	\$ 3,712	\$ 309
Customer 37	8,618,895	0	0	8,618,895	2.36%	\$ 12,730	\$ 1,061
Customer 38	2,850,572	0	0	2,850,572	0.78%	\$ 4,210	\$ 351
Customer 39	15,004,052	0	5,314,767	9,689,285	4.11%	\$ 22,160	\$ 1,847
Customer 40	5,382,534	0	0	5,382,534	1.47%	\$ 7,950	\$ 662
Customer 41	4,086,972	0	0	4,086,972	1.12%	\$ 6,036	\$ 503
Customer 42	2,472,379	0	0	2,472,379	0.68%	\$ 3,652	\$ 304
Customer 43	13,717,354	0	0	13,717,354	3.76%	\$ 20,260	\$ 1,688
Customer 44	510,410	0	0	510,410	0.14%	\$ 754	\$ 63
Customer 45	4,518,668	0	0	4,518,668	1.24%	\$ 6,674	\$ 556
Customer 46	4,164,829	0	0	4,164,829	1.14%	\$ 6,151	\$ 513
Customer 47	25,447,449	4,612,773	10,616,450	10,218,225	6.97%	\$ 37,584	\$ 3,132
Customer 48	11,405,931	120,482	998,868	10,286,581	3.12%	\$ 16,846	\$ 1,404
Customer 49	6,907,316	1,542,096	4,699,511	665,708	1.89%	\$ 10,202	\$ 850
Customer 50	15,066,659	6,370,198	8,696,461	0	4.12%	\$ 22,253	\$ 1,854
Customer 51	20,107,318	11,870,311	8,237,006	0	5.51%	\$ 29,697	\$ 2,475
Customer 52	949,842	0	97,841	852,001	0.26%	\$ 1,403	\$ 117
Customer 53	3,094,087	0	864,292	2,229,795	0.85%	\$ 4,570	\$ 381
Total	365,255,472	52,287,211	73,056,807	239,911,453	100.00%	\$ 539,462	

## Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if papilicable.

Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

s, if	Default Rate Rider Recovery Period (in months)	12	
	Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below

		Total Metered Non-RPP 2019	Total Metered 2019 Consumption for Class A Customers that were Class A for the entire period GA	Total Metered 2019 Consumption for Customers that Transitioned Between Class A and B during the	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition		otal GA \$ allocated to Current Class B		
		Consumption excluding WMP	balance accumulated	period GA balance accumulated	Customers' Consumption)	% of total kWh	Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
							4446.000	40.0045	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	26,248,269		0	26,248,269	2.7%	\$116,929	\$0.0045	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	58,367,295	0	0	58,367,295	6.0%	\$260,010	\$0.0045	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,303,521,934	394,815,609	61,885,742	846,820,583	87.2%	\$3,772,346	\$0.0045	kWh
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE									
CLASSIFICATION	kWh	8,547,167	872,570	214,335	7,460,263	0.8%	\$33,233	\$0.0045	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	26,472,972	7,731,400	3,005,007	15,736,565	1.6%	\$70,102	\$0.0045	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	110,801,181	110,801,180	0	1	0.0%	\$0	\$0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	16,623,912	0	0	16,623,912	1.7%	\$74,055	\$0.0045	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	6,441	0	0	6,441	0.0%	\$29	\$0.0045	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
	Total	1,550,589,171	514,220,759	65,105,083	971,263,329	100.0%	\$4,326,704		

## Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

2015

Year Account 1580 CBR Class B was Last Disposed

#### Allocation of Total Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2019	2018	2017	2016
Total Consumption Less WMP Consumption	A	12,553,161,832	3,105,484,149	3,200,858,263	3,070,375,150	3,176,444,270
Less Class A Consumption for Partial Year Class A Customers	В	243,067,240	32,891,622	51,210,806	158,964,812	-
Less Consumption for Full Year Class A Customers	С	1,481,833,951	514,220,759	498,497,086	217,329,856	251,786,251
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	10,828,260,641	2,558,371,768	2,651,150,371	2,694,080,482	2,924,658,019
All Class B Consumption for Transition Customers	E	665,399,191	52,287,211	73,056,807	239,911,453	300,143,718
Transition Customers' Portion of Total Consumption	F = E/D	6.15%				

#### Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$	444,792
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	27,333
CBR Class B Balance to be disposed to Current Class B			
Customers through Rate Rider	I=G-H	-\$	417,459

#### Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	53							
Customer	Total Metered Class B Consumption (KWh) for Transition Customers During th Period When They were Class B Customers	the Period When They were Class B Customers in 2019		(kWh) for Transition Customers During the Period When They were Class B Customers in 2017	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2016	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Monthly Equal Payments
Customer 1	11,999,44		-	3,860,692		1.80%		
Customer 2	8,452,73	- 34	2,301,972	3,621,626	2,529,136	1.27%	-\$ 347	-\$ 29
Customer 3	15,198,4	46 -	-	4,959,645	10,238,802	2.28%	-\$ 624	-\$ 52
Customer 4	10,620,74	47 -	-	3,564,186	7,056,561	1.60%	-\$ 436	-\$ 36
Customer 5	9,080,0		-	3,182,276	5,897,730	1.36%	-\$ 373	-\$ 31
Customer 6	28.179.3		-	6.971.251		4.23%		
Customer 7	29.571.2		6.018.947	11.706.369		4.44%		
Customer 8	24,677,24		5.993.981	9,426,087		3.71%		
Customer 9	15.348.4			5,269,472		2.31%		
	39,495,11			13.612.123		5.94%		
Customer 10			-					
Customer 11	4,119,9		-	1,406,770		0.62%		
Customer 12	3,770,03		731,361	751,493		0.57%		
Customer 13	7,115,6			1,956,504		1.07%		
Customer 14	4,590,3		-	1,537,271		0.69%		
Customer 15	18,391,5		-	6,274,534		2.76%		
Customer 16	9,571,73		-	3,084,840		1.44%		
Customer 17 Customer 18	17,490,4 12,155,6		-	5,899,635 4,317,162		2.63%		
Customer 18 Customer 19	12,155,6		-	4,317,162		2.63%		
Customer 19 Customer 20	2,144,73		-	6,353,666		2.63%		
Customer 20	2,144,7		-	2.338.721		1.00%		
Customer 21 Customer 22	9,148,3		-	2,338,721 2,990,445		1.00%		
Customer 22 Customer 23	9,148,3		576.182	2,990,445		0.54%		
Customer 24	3,566,3		5/6,182	5.836.292		2.72%		
Customer 25	7,564,54		-	1,745,571		1.14%		
Customer 26	4.363.12			1,486,517		0.66%		
Customer 27	40.658.0			19.602.013		6.11%		
Customer 28	6,198,9			2,042,620		0.93%		
Customer 29	6.408.6		1.931.348	2.952.087	1.525.222	0.96%		
Customer 30	15,675,4			5,942,375		2.36%		
Customer 31	11,095,8		-	5,027,567		1.67%		
Customer 32	3,105,9		-	1,009,278		0.47%		
Customer 33	8,822,7	38 4,449,262	-	4,373,526	-	1.33%	-\$ 362	-\$ 30
Customer 34	9,060,3			1,786,508	4,343,466	1.36%		
Customer 35	3,946,22	25 1,594,636	2,351,590	-	-	0.59%		
Customer 36	7,849,5		-	2,513,168		1.18%		
Customer 37	27,931,70		-	8,618,895		4.20%		
Customer 38	8,952,8		-	2,850,572		1.35%		
Customer 39	16,380,42		5,314,767	9,689,285		2.46%		
Customer 40	14,257,20		-	5,382,534		2.14%		
Customer 41	12,095,2		-	4,086,972		1.82%		
Customer 42	6,745,8	- 05	-	2,472,379	4,273,426	1.01%	-\$ 277	-\$ 23

Customer 43	13,717,354	-	-	13,717,354	-	2.06% -\$	563 -\$ 47
Customer 44	1,437,747	-	-	510,410	927,337	0.22% -\$	59 -\$ 5
Customer 45	13,309,213	-	-	4,518,668	8,790,546	2.00% -\$	547 -\$ 46
Customer 46	4,164,829	-	-	4,164,829	-	0.63% -\$	171 -\$ 14
Customer 47	25,447,449	4,612,773	10,616,450	10,218,225	-	3.82% -\$	1,045 -\$ 87
Customer 48	23,131,150	120,482	998,868	10,286,581	11,725,219	3.48% -\$	950 -\$ 79
Customer 49	6,907,316	1,542,096	4,699,511	665,708	-	1.04% -\$	284 -\$ 24
Customer 50	15,066,659	6,370,198	8,696,461	-	-	2.26% -\$	619 -\$ 52
Customer 51	20,107,318	11,870,311	8,237,006	-	-	3.02% -\$	826 -\$ 69
Customer 52	949,842	-	97,841	852,001	-	0.14% -\$	39 -\$ 3
Customer 53	3,094,087	-	864,292	2,229,795	-	0.46% -\$	127 -\$ 11
Total	665.399.190	52.287.211	73.056.807	239.911.453	300.143.718	100.00% -\$	27.333 -\$ 2.278

## Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

No input required. The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the

2015

period since the Account 1580, sub-account CBR Class B balance accumulated.

The year Account 1580 CBR Class B was last disposed

		Total Metered Consumption Min	us WMP	Total Metered 2019 Consumption for Full Year Class A Customers		Customers		Metered Consumption for Cu Customers (Total Consumption L A and Transition Customers' (	% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit	
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,099,830,560	0	0	0	0	0	1,099,830,560	0	43.5%	(\$181,752)	(\$0.0002)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	395,444,422	0	0	0	0	0	395,444,422	0	15.7%	(\$65,349)	(\$0.0002)	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	1,441,720,064	3,641,471	394,815,609	889,609	61,885,742	165,374	985,018,713	2,586,488	39.0%	(\$162,779)	(\$0.0629)	kW
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE	kW												
CLASSIFICATION	ĸvv	8,547,167	55,791	872,570	9,569	214,335	1,281	7,460,263	44,941	0.3%	(\$1,233)	(\$0.0274)	kW
STANDBY POWER SERVICE CLASSIFICATION	kW	26,472,972	172,800	7,731,400	94,800	3,005,007	18,000	15,736,565	60,000	0.6%	(\$2,601)	(\$0.0434)	kW
LARGE USE SERVICE CLASSIFICATION	kW	110,801,181	216,189	110,801,180	216,189	0	0	1	0	0.0%	\$0	\$0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	16,623,912	46,619	0	0	0	0	16,623,912	46,619	0.7%	(\$2,747)	(\$0.0589)	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	541,973	1,472	0	0	0	0	541,973	1,472	0.0%	(\$90)	(\$0.0611)	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,501,898	0	0	0	0	0	5,501,898	0	0.2%	(\$909)	(\$0.0002)	kWh
	Total	3,105,484,149	4,134,342	514,220,759	1,210,167	65,105,083	184,655	2,526,158,307	2,739,520	100.0%	(\$417,460)		

## Incentive Rate-setting Mechanism Rate Generator for 2021 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) DVA Proposed Rate Rider Recovery Period (in months) LRAM Proposed Rate Rider Recovery Period (in months) 
 12

 12
 Rate Rider Recovery to be used below

 12
 Rate Rider Recovery to be used below

							Allocation of Group 1		Deferral/Variance	
				Total Metered	Total Metered	Allocation of Group 1	Account Balances to Non-	Deferral/Variance	Account Rate Rider for	
		Total Metered	Metered kW	kWh less WMP	kW less WMP	Account Balances to All	WMP Classes Only (If	Account Rate	Non-WMP	Account 1568
Rate Class	Unit	kWh	or kVA	consumption	consumption	Classes <sup>2</sup>	Applicable) <sup>2</sup>	Rider <sup>2</sup>	(if applicable) <sup>2</sup>	Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,099,830,560	0	1,099,830,560	0	(653,834)		(0.0006)	0.0000	0.0005
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	395,444,422	0	395,444,422	0	(188,163)		(0.0005)	0.0000	0.0002
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	1,456,298,256	3,668,057	1,441,720,064	3,641,471	805,014	(1,588,494)	0.2195	(0.4362)	0.1325
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE	kW	8,547,167	55,791	8,547,167	55,791	(5,318)		(0.0953)	0.0000	0.1210
CLASSIFICATION						(3,310)		(0.0955)	0.0000	0.1210
STANDBY POWER SERVICE CLASSIFICATION	kW	26,472,972	172,800	26,472,972	172,800	(12,376)		(0.0716)	0.0000	0.1210
LARGE USE SERVICE CLASSIFICATION	kW	110,801,181	216,189	110,801,181	216,189	(47,501)		(0.2197)	0.0000	(0.4952)
STREET LIGHTING SERVICE CLASSIFICATION	kW	16,623,912	46,619	16,623,912	46,619	(10,329)		(0.2216)	0.0000	(2.9708)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	541,973	1,472	541,973	1,472	(217)		(0.1474)	0.0000	0.0000
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,501,898	0	5,501,898	0	(2,203)		(0.0004)	0.0000	0.0000

<sup>1</sup> 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. <sup>2</sup> 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 Rate-setting Mechanism Rate G for 2021 Filers

### Summary - Sharing of Tax Change Forecast Amounts

	2017		2021
OEB-Approved Rate Base	\$ 299,568,786	\$	299,568,786
OEB-Approved Regulatory Taxable Income	\$ 15,000,000	\$	15,000,000
Federal General Rate Federal Small Business Rate Federal Small Business Rate (calculated effective rate) <sup>1,2</sup> Ontario General Rate Ontario Small Business Rate Ontario Small Business Rate (calculated effective rate) <sup>1,2</sup>			15.0% 9.0% 15.0% 11.5% 3.2% 11.5%
Federal Small Business Limit Ontario Small Business Limit		\$ \$	500,000 500,000
Federal Taxes Payable Provincial Taxes Payable		\$ \$	2,250,000 1,725,000
Federal Effective Tax Rate Provincial Effective Tax Rate	_		15.0% 11.5%
Combined Effective Tax Rate	26.5%		26.5%
Total Income Taxes Payable	\$ 3,975,000	\$	3,975,000
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$	-
Income Tax Provision	\$ 3,975,000	\$	3,975,000
Grossed-up Income Taxes	\$ 5,408,163	\$	5,408,163
Incremental Grossed-up Tax Amount		\$	-
Sharing of Tax Amount (50%)		\$	-

#### Notes

1. Regarding the small business deduction, if applicable,

a. If taxable capital exceeds \$15 million, the small business rate will not be applicable.

b. If taxable capital is below \$10 million, the small business rate would be applicable.

c. If taxable capital is between \$10 million and \$15 million, the appropriate small business rate will be calculated.

2. The OEB's proxy for taxable capital is rate base.

## Incentive Rate-setting Mechanism Rate Generator for 2021 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%

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	1,099,830,560		0	0.00	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	395,444,422		0	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	1,456,298,256	3,668,057	0	0.0000	kW
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE						
CLASSIFICATION	kW	8,547,167	55,791	0	0.0000	kW
STANDBY POWER SERVICE CLASSIFICATION	kW	26,472,972	172,800	0	0.0000	kW
LARGE USE SERVICE CLASSIFICATION	kW	110,801,181	216,189	0	0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	16,623,912	46,619	0	0.0000	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	541,973	1,472	0	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,501,898		0	0.0000	kWh
Total		3,120,062,341	4,160,928	\$0		

## Incentive Rate-setting Mechanism Rate Generator for 2021 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	0.0074	1,099,830,560	0	1.0315	1,134,475,223
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066	1,099,830,560	0	1.0315	1,134,475,223
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	395,444,422	0	1.0315	407,900,921
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	395,444,422	0	1.0315	407,900,921
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4370	46,309,269	128,689		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1271	46,309,269	128,689		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1250	1,409,988,987	3,539,368		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Mete	e \$/kW	2.9640	1,409,988,987	3,539,368		
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.6076	35,020,139	228,591		
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.1353	35,020,139	228,591		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2012	110,801,181	216,189		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Mete	e \$/kW	2.9640	110,801,181	216,189		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1457	16,623,912	46,619		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8729	16,623,912	46,619		
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1485	541,973	1,472		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8755	541,973	1,472		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	5,501,898	0	1.0315	5,675,208
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	5,501,898	0	1.0315	5,675,208

Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Uniform Transmission Rates	Unit		2019 Jan to Jun	2019 Jul to Dec	2020	2021
Rate Description			Rate	Rate	Rate	Rate
Network Service Rate	kW	\$	3.71	\$ 3.83	\$ 3.92	\$ 3.92
Line Connection Service Rate	kW	\$	0.94	\$ 0.96	\$ 0.97	\$ 0.97
Transformation Connection Service Rate	kW	\$	2.25	\$ 2.30	\$ 2.33	\$ 2.33
Hydro One Sub-Transmission Rates	Unit		2019 Jan to Jun	2019 Jul to Dec	2020	2021
Rate Description			Rate	Rate	Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.2915	\$ 3.3980	\$ 3.3980
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7877	\$ 0.8045	\$ 0.8045
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.9755	\$ 2.0194	\$ 2.0194
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.7632	\$ 2.8239	\$ 2.8239
If needed, add extra host here. (I)	Unit		2019 Jan to Jun	2019 Jul to Dec	2020	2021
Rate Description			Rate	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		2019 Jan to Jun	2019 Jul to Dec	2020	2021
Rate Description			Rate	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	\$	-	\$ -	\$ -	\$ -
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$	H	istorical 2019		Current 2020	Forecast 2021

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 red, 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			ne Connecti			mation Co			Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	I	mount
January	478.946	\$3.71	\$ 1,776,890	520,771	\$0.94	\$ 489,525	520,771	\$2.25	\$ 1,171,735	\$	1,661,259
February	465,378	\$3.71	\$ 1,726,552	483,639		\$ 454,621	483,639	\$2.25	\$ 1,088,188	\$	1,542,808
March	473,372	\$3.71	\$ 1,756,210	502,079		\$ 471,954	502,079	\$2.25	\$ 1,129,678	\$	1,601,632
April	409,134	\$3.71	\$ 1,517,887	511,714		\$ 481,752	511,714	\$2.26	\$ 1,157,969	\$	1,639,721
May	376,638	\$3.71	\$ 1,397,327	435,833		\$ 409,683	435,833	\$2.25	\$ 980,624	\$	1,390,307
June	544,451	\$3.71	\$ 2,019,913	573,434		\$ 539,028	573,434	\$2.25	\$ 1,290,227	\$	1,829,254
July	651,803	\$3.83	\$ 2,496,405	677,531		\$ 650,430	677,531	\$2.30	\$ 1,558,321	\$	2,208,751
August	572,771	\$3.83	\$ 2,193,713	610,953		\$ 586,515	610,953	\$2.30	\$ 1,405,192	\$	1,991,707
September	565,425	\$3.83	\$ 2,165,578	593,666		\$ 569,919	593,666	\$2.30	\$ 1,365,432	\$	1,935,351
October	482,886	\$3.83	\$ 1,849,453	517,098		\$ 496,414	517,098	\$2.30	\$ 1,189,325	\$	1,685,739
November	467,412	\$3.83	\$ 1,790,188	492,210		\$ 472,522	492,210	\$2.30	\$ 1,132,083	\$	1,604,605
December	468,271	\$3.83		495,891			495,891	\$2.30		\$	1,616,605
December	400,271	<b>\$3.03</b>	\$ 1,793,478	495,691	ф0.90	\$ 476,055	495,691	φ2.3U	\$ 1,140,549	φ	1,010,005
Total	5,956,487	\$ 3.7	7 \$ 22,483,595	6,414,819	\$ 0.95	\$ 6,098,417	6,414,819	\$ 2.28	\$ 14,609,323	\$	20,707,740
Hydro One		Network		Lir	ne Connecti	on	Transfo	mation Co	nnection	Total	Connection
M		<b>D</b> (			<b>n</b> /			<b>n</b> /			
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	A	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		Ŝ	-
August		\$0.0000			\$0,0000			\$0.0000		ŝ	-
September		\$0.0000			\$0.0000			\$0.0000		\$	-
October		\$0,0000			\$0,0000			\$0,0000		ŝ	
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December					\$0,000			\$0.0000		\$	-
December		φ0.0000			φ0.0000			φ0.0000		φ	-
Total	- 9	\$ -	\$-	-	\$-	\$-	-	\$-	\$-	\$	-
Add Extra Host Here (I)		Network		Lir	ne Connecti	on	Transfo	mation Co	nnection	Total	Connection
(if needed)											
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	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	I	mount
Month			Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount -
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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.

478,946 465,378 473,372 409,134 376,638	\$ 3 \$ 3 \$ 3	3.7100     \$       3.7100     \$       3.7100     \$       3.7100     \$       3.7100     \$       3.7100     \$       3.7100     \$	5 1,726,552 5 1,756,210 5 1,517,887	483,639 502,079	\$ 0.9400 \$ 0.9400 \$ 0.9400 \$ 0.9414	\$ \$	489,525 454,621 471,954	483,639	\$ 2.2500 \$ 2.2500 \$ 2.2500	\$ \$ \$	1,171,735 1,088,188 1,129.678	\$ \$ \$	1,661,259 1,542,808 1,601,632
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5.956.487	\$	3.77	22.483.595	6.414.819	\$ 0.95	\$	6.098.417	6.414.819	\$ 2.28	\$	14.609.323	\$	20,707,740
-	651,803 572,771 565,425 482,886 467,412	651,803       \$       3         572,771       \$       3         565,425       \$       3         482,886       \$       3         467,412       \$       3         468,271       \$       3	651,803         \$         3.8300         \$           572,771         \$         3.8300         \$           565,425         \$         3.8300         \$           482,886         \$         3.8300         \$           467,412         \$         3.8300         \$           468,271         \$         3.8300         \$	651,803         \$         3,8300         \$         2,496,405           572,771         \$         3,8300         \$         2,193,713           565,425         \$         3,8300         \$         2,165,578           482,886         \$         3,8300         \$         1,849,453           467,412         \$         3,8300         \$         1,790,188           468,271         \$         3,8300         \$         1,793,478	651,803         \$             3.8300         \$             2,496,405         677,531               572,771             \$             3.8300             \$             2,193,713             610,953               565,425             \$             3.8300             \$             2,165,578             593,666               482,886             \$             3.8300             \$             1,849,453             517,098               467,412             \$             3.8300             \$             1,790,188             492,210               468,271             \$             3.8300             \$             1,793,478	651,803         \$             3.8300         \$             2,496,405         677,531         \$             0.9600           572,771         \$             3.8300         \$             2,193,713         610,953         \$             0.9600           565,425         \$             3.8300         \$             2,165,578             593,666             5             0.9600           482,886         \$             3.8300             \$             1,849,453             517,098             \$             0.9600           467,412         \$             3.8300             \$             1,790,188             492,210             \$             0.9600           468,271         \$             3.8300         \$             1,793,478	651,803       \$ <ul> <li>3,8300</li> <li>2,496,405</li> <li>677,531</li> <li>0,9600</li> <li>572,771</li> <li>3,8300</li> <li>2,193,713</li> <li>610,953</li> <li>0,9600</li> <li>565,425</li> <li>3,8300</li> <li>2,165,578</li> <li>593,666</li> <li>0,9600</li> <li>482,886</li> <li>3,8300</li> <li>1,849,453</li> <li>517,098</li> <li>0,9600</li> <li>467,412</li> <li>3,8300</li> <li>1,790,188</li> <li>492,210</li> <li>0,9600</li> <li>468,271</li> <li>3,8300</li> <li>1,793,478</li> <li>495,891</li> <li>0,9600</li> <li>\$             </li> </ul>	651,803       \$ <ul> <li>3,8300</li> <li>2,496,405</li> <li>677,531</li> <li>0,9600</li> <li>650,430</li> <li>572,771</li> <li>3,8300</li> <li>2,193,713</li> <li>610,953</li> <li>0,9600</li> <li>566,425</li> <li>3,8300</li> <li>2,195,778</li> <li>593,666</li> <li>0,9600</li> <li>566,919</li> <li>482,886</li> <li>3,8300</li> <li>1,849,453</li> <li>517,098</li> <li>0,9600</li> <li>496,414</li> <li>467,412</li> <li>3,8300</li> <li>1,790,188</li> <li>492,210</li> <li>0,9600</li> <li>476,055</li> </ul>	651,803         \$             3,8300         \$             2,496,405         677,531         \$             0.9600         \$             650,430         677,531           572,771         \$             3.8300         \$             2,193,713         610,953         \$             0.9600         \$             566,415         610,953           565,425         \$             3.8300         \$             2,195,578         593,666         \$             0.9600         \$             569,919         593,666           482,886         \$             3.8300         \$             1,849,453         517,098         \$             0.9600         \$             496,414         517,098           467,412         \$             3.8300         \$             1,790,188         492,210         \$             0.9600         \$             472,522         492,210           468,271         \$             3.8300         \$             1,793,478         495,891         \$             0.9600         \$             476,055	651,803       \$ <ul> <li>3,8300</li> <li>\$             2,496,405</li> <li>677,531</li> <li>0,9600</li> <li>\$             650,430</li> <li>677,531</li> <li>2,3000</li> <li>572,771</li> <li>3,8300</li> <li>2,193,713</li> <li>610,953</li> <li>0,9600</li> <li>566,425</li> <li>3,8300</li> <li>2,195,778</li> <li>593,666</li> <li>0,9600</li> <li>566,415</li> <li>610,953</li> <li>2,3000</li> </ul> 482,886         \$             3.8300         \$             1,849,453         517,098         \$             0.9600         \$             496,414         517,098         \$             2.3000               467,412 <li>3.8300</li> <li>1,790,188</li> <li>492,210</li> <li>0.9600</li> <li>476,055</li> <li>495,891</li> <li>0.9600</li> <li>476,055</li> <li>495,891</li> <li>2.3000</li>	651,803       \$ <ul> <li>3,8300</li> <li>\$             2,496,405</li> <li>677,531</li> <li>0,9600</li> <li>\$             650,430</li> <li>677,531</li> <li>2,3000</li> <li>\$             2,193,713</li> <li>610,953</li> <li>0,9600</li> <li>566,425</li> <li>3,8300</li> <li>2,193,713</li> <li>610,953</li> <li>0,9600</li> <li>566,425</li> <li>3,8300</li> <li>2,195,578</li> <li>593,666</li> <li>0,9600</li> <li>566,414</li> <li>517,098</li> <li>0,9600</li> <li>496,414</li> <li>517,098</li> <li>2,9600</li> <li>496,414</li> <li>517,098</li> <li>2,9600</li> <li>496,414</li> <li>517,098</li> <li>2,9600</li> <li>496,414</li> <li>517,098</li> <li>2,9600</li> <li>472,522</li> <li>492,210</li> <li>2,3000</li> <li>468,271</li> <li>3,8300</li> <li>1,793,478</li> <li>495,891</li> <li>0,9600</li> <li>476,055</li> <li>495,891</li> <li>2,3000</li> <li>476,055</li> <li>495,891</li> <li>2,3000</li> <li>495,891</li> <li>2,3000</li> <li>476,055</li> <li>495,891</li> <li>2,3000</li> <li>476,055</li> <li>495,891</li> <li>2,3000</li> <li>476,055</li> <li>495,891</li> <li>2,3000</li> <li>495,891</li> <li>3,9600</li> <li>476,055</li> <li>495,891</li> <li>2,3000</li> <li>495,891</li> <li>3,9600</li></ul>	651,803       \$ <ul> <li>3.8300</li> <li>\$             2,496,405</li> <li>677,531</li> <li>\$             0.9600</li> <li>\$             650,430</li> <li>677,531</li> <li>\$             2,3000</li> <li>\$             1,558,321</li> </ul> 572,771         \$             3.8300         \$             2,193,713         610,953         \$             0.9600         \$             656,430         677,531         \$             2.3000         \$             1,558,321           572,771         \$             3.8300         \$             2,195,578         593,666         \$             569,919         593,666         \$             2.3000         \$             1,365,432           482,886         \$             3.8300         \$             1,849,453         517,098         \$             0.9600         \$             496,414         517,098         \$             2.3000         \$             1,365,432           467,412         \$             3.8300         \$             1,790,188         492,210         \$             0.9600         \$             472,522         492,210         \$             2.3000         \$             1,132,083           468,271         \$             3.8300         \$             1,793,478         495,891         \$             0.9600         \$             476,055         495,891         \$             2.3000         \$             1,140,549	651,803       \$ <ul> <li>3,8300</li> <li>\$             2,496,405</li> <li>677,531</li> <li>0,9600</li> <li>650,430</li> <li>677,531</li> <li>2,3000</li> <li>1,558,321</li> <li>572,771</li> <li>3,8300</li> <li>2,193,713</li> <li>610,953</li> <li>0,9600</li> <li>586,515</li> <li>610,953</li> <li>2,3000</li> <li>1,405,192</li> <li>586,425</li> <li>3,8300</li> <li>2,165,578</li> <li>593,666</li> <li>0,9600</li> <li>566,414</li> <li>517,098</li> <li>0,9600</li> <li>496,414</li> <li>517,098</li> <li>2,3000</li> <li>1,189,325</li> <li>467,412</li> <li>3,8300</li> <li>1,790,188</li> <li>492,210</li> <li>0,9600</li> <li>476,055</li> <li>472,522</li> <li>492,210</li> <li>2,3000</li> <li>1,132,083</li> <li>495,891</li> <li>0,9600</li> <li>476,055</li> <li>476,055</li> <li>1,140,549</li> <li>1,140,549</li> <li>1,40,549</li> <li>495,891</li> <li>0,9600</li> <li>476,055</li> <li>495,891</li> <li>2,3000</li> <li>1,140,549</li> <li>495,891</li> <li>3,9606</li> <li>495,891</li> <li>2,3000</li> <li>1,140,549</li> <li>495,891</li> <li>496,055</li> <li>495,891</li> <li>2,3000</li> <li>1,140,549</li> <li>495,891</li> <li>496,055</li> <li>495,891</li> <li>2,3000</li> <li>1,40,549</li></ul>

Low Voltage Switchgear Credit (if applicable) \$

Total including deduction for Low Voltage Switchgear Credit \$ 20,707,740

The purpose of this sheet is to calculate the expected billing when current 2020 Uniform Transmission Rates are applied against historical 2019 transmission units.

IESO		Network		Lii	ne Connectio	n	Transfor	mation Cor	nection	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	478,946 \$ 465,378 \$ 473,372 \$ 409,134 \$ 376,638 \$ 544,451 \$ 651,803 \$ 572,771 \$ 565,425 \$ 482,886 \$	3.9200 3.9200 3.9200 3.9200 3.9200 3.9200 3.9200 3.9200 3.9200 3.9200	<ul> <li>\$ 1,877,468</li> <li>\$ 1,824,282</li> <li>\$ 1,855,618</li> <li>\$ 1,476,421</li> <li>\$ 2,134,248</li> <li>\$ 2,555,068</li> <li>\$ 2,245,262</li> <li>\$ 2,216,466</li> <li>\$ 1,892,913</li> <li>\$ 1,832,255</li> </ul>	483,639 502,079 511,714 435,833 573,434 677,531 610,953 593,666 517,098 492,210	<ul> <li>S 0.9700</li> </ul>	\$ 469,130 \$ 487,017 \$ 496,363 \$ 422,758 \$ 556,231 \$ 657,205 \$ 592,624 \$ 575,856 \$ 501,585 \$ 477,444	435,833 573,434 677,531 610,953 593,666 517,098 492,210	\$ 2.3300 \$ 2.3300	<ul> <li>\$ 1,213,396</li> <li>\$ 1,126,879</li> <li>\$ 1,169,844</li> <li>\$ 1,015,491</li> <li>\$ 1,336,101</li> <li>\$ 1,3578,647</li> <li>\$ 1,423,520</li> <li>\$ 1,383,242</li> <li>\$ 1,248,838</li> <li>\$ 1,146,849</li> </ul>	\$ 1,718,544 \$ 1,596,009 \$ 1,656,861 \$ 1,688,656 \$ 1,438,249 \$ 1,892,332 \$ 2,235,852 \$ 2,016,145 \$ 1,959,098 \$ 1,706,423 \$ 1,624,293
December Total	468,271 \$		\$ 1,835,622 \$ 23,349,429	6,414,819	•	\$ 481,014 \$ 6,222,374	6,414,819		\$ 1,155,426 \$ 14,946,528	\$ 1,636,440 \$ 21,168,903
Hydro One	0,000,101 \$	Network	¢ 20,010,120	· · · ·	ne Connectio	<u> </u>		mation Cor	· · · · · ·	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 <b>Total</b>	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	3.3980 3.3980 3.3980 3.3980 3.3980 3.3980 3.3980 3.3980 3.3980 3.3980 3.3980	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ 0.8045 \$ 0.8045	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ 2.0194 \$ 2.0194	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -
Add Extra Host Here (I) Month	Units Billed	Network Rate	Amount	Units Billed	ne Connectio Rate	n Amount	Units Billed	mation Cor Rate	Amount	Total Connection Amount
January February March April May June July August September October November	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	S - S - S - S - S - S - S - S - S - S -
December Total	- \$		\$- \$-	-	·	\$- \$-	-	Ŷ	\$ - \$ -	\$ - \$ -

The purpose of this sheet is to calculate the expected billing when current 2020 Uniform Transmission Rates are applied against historical 2019 transmission units.

Add Extra Host Here (II)			Network		Li	ne Coni	ectio	ı	Transfo	rmation Co	onnection	Tota	I Connection
Month	Units Billed		Rate	Amount	Units Billed	Rat	•	Amount	Units Billed	Rate	Amount		Amount
January	-	\$	-	\$-	-	\$	- 9		-	\$-	\$ -	\$	-
February	-	\$	-	\$-	-	\$	- 9	6 -	-	\$-	\$-	\$	-
March	-	\$	-	\$-	-	\$	- 9	6 -	-	\$-	\$-	\$	-
April	-	\$	-	\$-	-	\$	- 9		-	\$-	\$-	\$	-
May	-	\$	-	\$-	-	\$	- 9	6 -	-	\$-	\$-	\$	-
June	-	\$	-	\$-	-	\$	- 9	6 -	-	\$-	\$-	\$	-
July	-	\$	-	\$-	-	\$	- 9	ş -	-	\$-	\$-	\$	-
August	-	\$	-	\$-	-	\$	- 9	ş -	-	\$-	\$-	\$	-
September	-	\$	-	\$-	-	\$	- 9	ş -	-	\$-	\$-	\$	-
October	-	\$	-	\$-	-	\$	- 9	ş -	-	\$-	\$-	\$	-
November	-	\$	-	\$-	-	\$	- 9	ş -	-	\$-	\$-	\$	-
December	-	\$	-	\$-	-	\$	- 9	ş -	-	\$-	\$-	\$	-
Total	-	\$	-	\$-	-	\$	- (	ş -	-	\$-	\$-	\$	-
Total			Network		Li	ne Coni	ectio	า	Transfo	rmation Co	onnection	Tota	I Connection
Month	Units Billed		Rate	Amount	Units Billed	Rat	•	Amount	Units Billed	Rate	Amount		Amount
January	478,946	\$	3.9200	\$ 1,877,468	520,771	\$ 0.9	700 \$	505,148	520.771	\$ 2.3300	\$ 1,213,396	\$	1,718,544
February	465,378	ŝ	3.9200	\$ 1,824,282	483,639	\$ 0.9			483,639			ŝ	1,596,009
March	473.372		3.9200	\$ 1.855.618	502.079	\$ 0.9			502.079		\$ 1,169,844	ŝ	1.656.861
April	409,134	ŝ	3.9200	\$ 1.603.805	511.714	\$ 0.9			511,714			ŝ	1,688,656
May	376,638	ŝ	3.9200	\$ 1,476,421	435,833				435,833			Š	1,438,249
June	544,451	Ś	3.9200	\$ 2,134,248	573,434					\$ 2.3300		Ś	1,892,332
July	651,803	Ŝ	3.9200	\$ 2,555,068	677.531	\$ 0.9	700 \$		677.531	\$ 2.3300	\$ 1.578.647	ŝ	2,235,852
August	572,771	Ś	3.9200	\$ 2,245,262	610,953				610,953	\$ 2.3300	\$ 1,423,520	Ś	2,016,145
September	565,425	Ś	3.9200	\$ 2,216,466	593,666	\$ 0.9			593,666		\$ 1,383,242	Ś	1,959,098
October	482,886	Ś	3.9200	\$ 1,892,913	517,098				517.098		\$ 1,204,838	Ś	1,706,423
November	467,412	\$	3.9200	\$ 1,832,255	492,210	\$ 0.9	700 \$	6 477,444	492,210	\$ 2.3300	\$ 1,146,849	\$	1,624,293
December	468,271		3.9200	\$ 1,835,622		\$ 0.9			495,891		\$ 1,155,426	\$	1,636,440
Total	5,956,487	\$	3.92	\$ 23,349,429	6,414,819	\$ (	.97 3	6,222,374	6,414,819	\$ 2.33	\$ 14,946,528	\$	21,168,903
									Low Voltage Switc	hgear Cred	lit (if applicable)	\$	-

Total including deduction for Low Voltage Switchgear Credit

21,168,903

### Ontario Energy Board

# Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2021 Uniform Transmission Rates are applied against historical 2019 transmission units.

IESO		Network		Lir	ne Connection	1	Transfo	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January February March April May	409,134 376,638	\$ 3.9200 \$ 3.9200 \$ 3.9200 \$ 3.9200	<ul> <li>\$ 1,877,468</li> <li>\$ 1,824,282</li> <li>\$ 1,855,618</li> <li>\$ 1,603,805</li> <li>\$ 1,476,421</li> </ul>	483,639 502,079 511,714 435,833	\$ 0.9700 \$ \$ 0.9700 \$ \$ 0.9700 \$ \$ 0.9700 \$	469,130           487,017           496,363           422,758	520,771 483,639 502,079 511,714 435,833	\$ 2.3300 \$ 2.3300	\$ 1,126,879 \$ 1,169,844 \$ 1,192,294 \$ 1,015,491	\$ 1,718,544 \$ 1,596,009 \$ 1,656,861 \$ 1,688,656 \$ 1,438,249
June July August September		\$ 3.9200 \$ 3.9200	\$ 2,134,248 \$ 2,555,068 \$ 2,245,262 \$ 2,216,466	677,531 610,953	\$ 0.9700 \$ \$ 0.9700 \$ \$ 0.9700 \$ \$ 0.9700 \$	657,205 592,624	573,434 677,531 610,953 593,666	\$ 2.3300 \$ 2.3300	\$ 1,336,101 \$ 1,578,647 \$ 1,423,520 \$ 1,383,242	\$ 1,892,332 \$ 2,235,852 \$ 2,016,145 \$ 1,959,098
October November December	482,886 467,412 468,271	\$ 3.9200	\$ 1,892,913 \$ 1,832,255 \$ 1,835,622	492,210	\$ 0.9700 \$ \$ 0.9700 \$ \$ 0.9700 \$	6 477,444			\$ 1,204,838 \$ 1,146,849 \$ 1,155,426	\$ 1,706,423 \$ 1,624,293 \$ 1,636,440
Total	5,956,487	\$ 3.92	\$ 23,349,429	6,414,819	\$ 0.97 \$	6,222,374	6,414,819	\$ 2.33	\$ 14,946,528	\$ 21,168,903
Hydro One		Network		Lir	ne Connection	า	Transfo	rmation Coni	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January February	-		\$- \$-	-	\$ 0.8045 \$ \$ 0.8045 \$		-	\$ 2.0194 \$ 2.0194	\$- \$-	\$ - \$ -
March April	-	\$ 3.3980 \$ 3.3980	\$- \$-	-	\$ 0.8045 \$ 0.8045 \$	5 - 5 -	-	\$ 2.0194 \$ 2.0194	\$- \$-	\$ - \$ -
May June	-	\$ 3.3980	\$- \$-	-	\$ 0.8045 \$ \$ 0.8045 \$	-	-	\$ 2.0194	\$- \$-	\$ - \$ -
July August September	-	\$ 3.3980	\$- \$- \$-	-	\$ 0.8045 \$ \$ 0.8045 \$ \$ 0.8045 \$	- 6	-	\$ 2.0194	\$- \$- \$-	\$- \$- \$-
October November December		\$ 3.3980	\$- \$- \$-	-	\$ 0.8045 \$ \$ 0.8045 \$ \$ 0.8045 \$	- 6		\$ 2.0194	\$- \$- \$-	\$- \$- \$-
Total		\$-	\$-		\$ - \$	6 -		\$ -	\$-	\$ -
Add Extra Host Here (I)		Network		Lir	ne Connection	n	Transfo	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January February	-		\$- \$-	-	\$ - <b>\$</b> \$ - <b>\$</b>		-	<b>T</b>	\$- \$-	\$- \$-
March April	-	\$- \$-	\$- \$-	-	\$ - <b>\$</b> \$ - <b>\$</b>	5 - 5 -	-	\$ - \$ -	- \$- \$-	\$ - \$ -
May June	-	\$-	\$- \$-	-	\$ - <del>\$</del> \$ - <del>\$</del>	-	-	\$ -	\$- \$-	\$ - \$ -
July August September	-	\$ - :	\$- \$- \$-	-	\$ - 9 \$ - 9 \$ - 9	-	-	\$ -	\$- \$- \$-	\$- \$- \$-
October November December	-	\$- \$-	\$- \$- \$-	- - -	\$ - 9 \$ - 9 \$ - 9	5 - 5 -	-	\$ - \$ -	\$- \$- \$-	\$- \$- \$-
Total		\$-	\$-	-	\$-\$	ş -	-	\$-	\$ -	\$-

### Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2021 Uniform Transmission Rates are applied against historical 2019 transmission units.

Add Extra Host Here (II)		Network		Lit	ne Connectio	on	Transfo	rmation Cor	nnection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-		\$-	-		\$ -	-	\$-	\$-	\$-
February	-	\$-	\$ -	-	\$-	\$ -	-	\$-	\$-	\$-
March	-	\$-	\$ -	-	\$-	\$ -	-	\$-	\$-	\$-
April	-	\$-	\$ -	-	\$-	\$ -	-	\$-	\$-	\$-
May	-	-	\$ -	-	\$-	\$ -	-	\$-	\$-	\$-
June	-	Ŷ	\$ -	-	\$-	\$-	-	\$-	\$-	\$-
July	-	Ψ	\$ -	-	\$-	\$ -	-	\$-	\$-	\$-
August	-	-	\$ -	-	\$-	\$ -	-	\$-	\$-	\$-
September	-	-	\$ -	-	\$-	\$ -	-	\$-	\$-	\$-
October	-	+	\$ -	-	\$-	\$ -	-	\$-	\$-	\$-
November	-	-	\$ -	-	\$-	\$ -	-	\$-	\$-	\$-
December	-	\$-	\$ -	-	\$ -	\$ -	-	\$-	\$ -	\$ -
Total	-	\$ -	\$-	-	\$-	\$-	-	\$-	\$-	\$-
Total		Network		Lit	ne Connectio	on	Transfo	rmation Cor	nnection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	478,946	\$ 3.92	\$ 1,877,468	520,771	\$ 0.97	\$ 505,148	520,771	\$ 2.33	\$ 1,213,396	\$ 1,718,544
February	465,378	\$ 3.92	\$ 1,824,282	483,639	\$ 0.97	\$ 469,130	483,639	\$ 2.33	\$ 1,126,879	\$ 1,596,009
March	473,372	\$ 3.92	\$ 1,855,618	502,079	\$ 0.97	\$ 487,017	502,079	\$ 2.33	\$ 1,169,844	\$ 1,656,861
April	409,134	\$ 3.92	\$ 1,603,805	511,714	\$ 0.97	\$ 496,363	511,714	\$ 2.33	\$ 1,192,294	\$ 1,688,656
May	376,638	\$ 3.92	\$ 1,476,421	435,833	\$ 0.97	\$ 422,758	435,833	\$ 2.33	\$ 1,015,491	\$ 1,438,249
June	544,451	\$ 3.92	\$ 2,134,248	573,434	\$ 0.97	\$ 556,231	573,434	\$ 2.33	\$ 1,336,101	\$ 1,892,332
July	651,803	\$ 3.92	\$ 2,555,068	677,531	\$ 0.97	\$ 657,205	677,531	\$ 2.33	\$ 1,578,647	\$ 2,235,852
August	572,771	\$ 3.92		610,953		\$ 592,624	610,953			\$ 2,016,145
September	565,425	\$ 3.92		593,666		\$ 575,856	593,666		\$ 1,383,242	\$ 1,959,098
October	482,886			517,098		\$ 501,585	517,098			\$ 1,706,423
November	467,412			492,210		\$ 477,444	492,210			\$ 1,624,293
December	468,271	\$ 3.92	\$ 1,835,622	495,891	\$ 0.97	\$ 481,014	495,891	\$ 2.33	\$ 1,155,426	\$ 1,636,440
Total	5,956,487	\$ 3.92	\$ 23,349,429	6,414,819	\$ 0.97	\$ 6,222,374	6,414,819	\$ 2.33	\$ 14,946,528	\$ 21,168,903

Low Voltage Switchgear Credit (if applicable) \$

Total including deduction for Low Voltage Switchgear Credit \$ 21,168,903

Contario Energy Board

### Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification General Service 50 To 4,999 kW Service Classification General Service 1,000 To 4,999 kW (co-generation) Service Classific Large Use Service Classification Street Lighting Service Classification Sentinel Lighting Service Classification Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate - Interval Metered tito Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW	0.0074 0.0070 2.4370 3.1250 3.6076 3.2012 2.1457 2.1485 0.0070	1,134,475,223 407,900,921 5,675,208	0 0 128,689 3,539,368 228,591 216,189 46,619 1,472 0	8,395,117 2,855,306 313,615 11,060,525 824,665 692,064 100,030 3,163 39,726	34.6% 11.8% 1.3% 45.5% 3.4% 2.8% 0.4% 0.0% 0.2%	8,071,960 2,745,396 301,543 10,634,767 792,921 665,424 96,180 3,041 38,197	0.0071 0.0067 2.3432 3.0047 3.4687 3.0780 2.0631 2.0658 0.0067
The purpose of this table is to re-align the current RT	S Connection Rates to recover current wholesale connection costs. Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification General Service 50 To 4,999 kW Service Classification General Service 1,000 To 4,999 kW (co-generation) Service Classific Large Use Service Classification Street Lighting Service Classification Sentinel Lighting Service Classification Ummetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered ditio Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW	0.0066 0.0058 2.1271 2.9640 3.1353 2.9640 1.8729 1.8755 0.0058	1,134,475,223 407,900,921 5,675,208	0 0 128,689 3,539,368 228,591 216,189 46,619 1,472 0	7,487,536 2,365,825 273,734 10,490,687 716,701 640,784 87,313 2,761 32,916	33.9% 10.7% 1.2% 47.5% 3.2% 0.4% 0.0% 0.1%	7,172,644 2,266,329 262,222 10,049,495 686,560 613,836 83,641 2,645 31,532	0.0063 0.0056 2.0376 2.8393 3.0034 2.8393 1.7941 1.7966 0.0056

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

Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071	1,134,475,223	0	8,071,960	34.6%	8,071,960	0.0071
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	407,900,921	0	2,745,396	11.8%	2,745,396	0.0067
Retail Transmission Rate - Network Service Rate	\$/kW	2.3432		128,689	301,543	1.3%	301,543	2.3432
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.0047		3,539,368	10,634,767	45.5%	10,634,767	3.0047
ificatio Retail Transmission Rate - Network Service Rate	\$/kW	3.4687		228,591	792,921	3.4%	792,921	3.4687
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.0780		216,189	665,424	2.8%	665,424	3.0780
Retail Transmission Rate - Network Service Rate	\$/kW	2.0631		46,619	96,180	0.4%	96,180	2.0631
Retail Transmission Rate - Network Service Rate	\$/kW	2.0658		1,472	3,041	0.0%	3,041	2.0658
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	5,675,208	0	38,197	0.2%	38,197	0.0067
	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate - Interval Metered ificatio Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	Retail Transmission Rate - Network Service Rate     \$/kWh       Retail Transmission Rate - Network Service Rate     \$/kWh       Retail Transmission Rate - Network Service Rate     \$/kW       Itransmission Rate - Network Service Rate     \$/kW       Retail Transmission Rate - Network Service Rate     \$/kW	Rate Description       Adjusted RTSR- Network         Retail Transmission Rate - Network Service Rate       \$/kWh       0.0071         Retail Transmission Rate - Network Service Rate       \$/kWh       0.0067         Retail Transmission Rate - Network Service Rate       \$/kWh       0.0067         Retail Transmission Rate - Network Service Rate       \$/kW       3.0047         Ificatio Retail Transmission Rate - Network Service Rate       \$/kW       3.0047         Ificatio Retail Transmission Rate - Network Service Rate       \$/kW       3.0780         Retail Transmission Rate - Network Service Rate       \$/kW       3.0780         Retail Transmission Rate - Network Service Rate       \$/kW       3.0631         Retail Transmission Rate - Network Service Rate       \$/kW       2.0658	Rate DescriptionAdjusted RTSR: NetworkLoss Adjusted Billed kWhRetail Transmission Rate - Network Service Rate\$/kWh0.00711,134,475,223Retail Transmission Rate - Network Service Rate\$/kWh0.0067407,900,921Retail Transmission Rate - Network Service Rate\$/kW3.00471,134,475,223Retail Transmission Rate - Network Service Rate\$/kW3.00471,134,475,223Ificatio Retail Transmission Rate - Network Service Rate - Interval Metered\$/kW3.0047Retail Transmission Rate - Network Service Rate\$/kW3.0487Retail Transmission Rate - Network Service Rate\$/kW3.0780Retail Transmission Rate - Network Service Rate\$/kW2.0651Retail Transmission Rate - Network Service Rate\$/kW2.0658	Rate DescriptionUnitAdjusted RTSR: NetworkLoss Adjusted Billed kWhBilled kWhRetail Transmission Rate - Network Service Rate\$/kWh0.00711,134,475,2230Retail Transmission Rate - Network Service Rate\$/kWh0.0067407,900,9210Retail Transmission Rate - Network Service Rate\$/kW2.3432128,689Retail Transmission Rate - Network Service Rate - Interval Metered\$/kW3.00473,539,368Ificatio Retail Transmission Rate - Network Service Rate\$/kW3.04687228,591Retail Transmission Rate - Network Service Rate\$/kW3.0780216,189Retail Transmission Rate - Network Service Rate\$/kW2.06514672	Rate DescriptionUnitAdjusted RTSR: NetworkLoss Adjusted Billed kWhBilled kWBilled AmountRetail Transmission Rate - Network Service Rate\$/kWh0.00711,134,475,22308,071,960Retail Transmission Rate - Network Service Rate\$/kWh0.0067407,900,92102,745,396Retail Transmission Rate - Network Service Rate\$/kW2.3432128,689301,543Retail Transmission Rate - Network Service Rate\$/kW3.00473,539,36810,634,767Ificatio Retail Transmission Rate - Network Service Rate\$/kW3.047228,591792,921Retail Transmission Rate - Network Service Rate\$/kW3.0780216,189665,424Retail Transmission Rate - Network Service Rate\$/kW2.065146,61996,180Retail Transmission Rate - Network Service Rate\$/kW2.06581,4723,041	Rate DescriptionAdjusted RTSR: NetworkLoss Adjusted Billed kWhBilled kWBilled AmountBilled AmountRetail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate (KWh\$/kWh0.00711,134,475,22308,071,96034.6%Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate (ficatio Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate (ficatio Retail Transmission Rate - Network Service Rate (kWW3.00473.503,05310,634,76745.5%Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate\$/kW3.0780216,189665,4242.8%Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate\$/kW2.065146,6199,61800.4%Retail Transmission Rate - Network Service Rate\$/kW2.06581,4723.0410.0%	Rate DescriptionAdjusted RTSR, NetworkLoss Adjusted Billed kWhBilled, kWhBilled, AmountForecast Wholesale BillingRetail Transmission Rate - Network Service Rate\$/kWh0.00711,134,475,22308,071,96034.6%8,071,960Retail Transmission Rate - Network Service Rate\$/kWh0.0067407,900,92102,745,39611.8%2,745,396Retail Transmission Rate - Network Service Rate\$/kWh0.0067407,900,92102,745,39611.8%2,745,396Retail Transmission Rate - Network Service Rate\$/kW3.00473,539,36810,634,76745.5%10,634,767Ificatio Retail Transmission Rate - Network Service Rate\$/kW3.0780228,591792,9213.4%792,921Retail Transmission Rate - Network Service Rate\$/kW3.0780216,189665,4242.8%665,424Retail Transmission Rate - Network Service Rate\$/kW2.065146,6199,61800.4%96,180Retail Transmission Rate - Network Service Rate\$/kW2.06581,4723.0410.0%3.041

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

The purpose of the table is to update the re unglied it									
Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0063	1,134,475,223	0	7,172,644	33.9%	7,172,644	0.0063
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056	407,900,921	0	2,266,329	10.7%	2,266,329	0.0056
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0376		128,689	262,222	1.2%	262,222	2.0376
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.8393		3,539,368	10,049,495	47.5%	10,049,495	2.8393
General Service 1,000 To 4,999 kW (co-generation) Service Classificat	io Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.0034		228,591	686,560	3.2%	686,560	3.0034
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.8393		216,189	613,836	2.9%	613,836	2.8393
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7941		46,619	83,641	0.4%	83,641	1.7941
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7966		1,472	2,645	0.0%	2,645	1.7966
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056	5,675,208	0	31,532	0.1%	31,532	0.0056

Contario Energy Board

# Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator has been set at the 2020 value and will be updated by OEB staff at a later date.



Rate Class	Current MFC	MFC Adjustment from R/C Model		DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	25.5				1.70%	25.93	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	33.54		0.0112		1.70%	34.11	0.0114
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	163.85		2.8291		1.70%	166.64	2.8772
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLA	2236.97		3.9077		1.70%	2,275.00	3.9741
STANDBY POWER SERVICE CLASSIFICATION	0		3.2276		1.70%	0.00	3.2825
LARGE USE SERVICE CLASSIFICATION	21098.33		2.3545		1.70%	21,457.00	2.3945
STREET LIGHTING SERVICE CLASSIFICATION	1.71		8.5357		1.70%	1.74	8.6808
SENTINEL LIGHTING SERVICE CLASSIFICATION	4.81		15.8265		1.70%	4.89	16.0956
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	2.41		0.0207		1.70%	2.45	0.0211
microFIT SERVICE CLASSIFICATION	4.55					4.55	

If applicable, Wheeling Service Rate will be adjusted for PCI on Sheet 19.

# **Incentive Rate-setting Mechanism Rate** for 2021 Filers

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

Regulatory Charges			
Effective Date of Regulatory Charges		January 1, 2020	January 1, 2021
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.25	0.25

#### Time-of-Use RPP Prices

As of		November 1, 2020
Off-Peak	\$/kWh	0.1050
Mid-Peak	\$/kWh	0.1500
On-Peak	\$/kWh	0.2170

Smart Meter Entity Charge (SME)	
Smart Meter Entity Charge (SME)	\$ 0.57
Distribution Rate Protection (DRP) Amount (Applicable to LDCs under	
the Distribution Rate Protection program):	\$ 36.86

#### **Miscellaneous Service Charges**

Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	44 50	2 00%	45.39

Retail Service Charges		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service				• •
agreement between the distributor and the retailer	\$	102.00	2.00%	104.04
Monthly fixed charge, per retailer	\$	40.80	2.00%	41.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.02	2.00%	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61	2.00%	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)	2.00%	(0.62)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	\$	0.51	2.00%	0.52
Processing fee, per request, applied to the requesting party	\$	1.02	2.00%	1.04
Electronic Business Transaction (EBT) system, applied to the				
requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental				
delivery costs)	\$	4.08	2.00%	4.16
Notice of switch letter charge, per letter (unless the distributor				
has opted out of applying the charge as per the Ontario Energy				
Board's Decision and Order EB-2015-0304, issued on				
February 14, 2019)	\$	2.04	2.00%	2.08

 $\ast$  inflation factor subject to change pending OEB approved inflation rate effective in 2020

\*\* applicable only to LDCs in which the province-wide pole attachment charge applies

\*\*\* subject to change pending OEB order on miscellaneous service charges

#### Ontario Energy Board

#### Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

In this Grown calls below, entrol all proposed rate inderstristes. In column, Jackie Harris, entrol for allocation of the start of the set of the start description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with "Rate Nider for". In column B, doese the associated with Intender doese menu. In column C, enter the rate. All rate forter with a "\$" with should be rounded to 2 decimal places and all others rounded to 4 decimal places. In column B, doese the appropriate sub-rate (Ar B). Sub-total A refers to establish riders that Nider Considered as pass through costs (og LRAMVA and CMAACM and ErAMACM) list in column C, choese the appropriate sub-rate (Ar B). Sub-total A refers to establish riders that Nider Considered as pass through costs (og LRAMVA and CMAACM and ErAMACM).

ates/rate riders that are considered pass through costs.				
RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (e.g. April 30, 2022)
			- effective until	
			- effective until - effective until	
			- effective until	
			- effective until	
			- effective until - effective until	
			- effective until	
SENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
ENERGE SERVICE LESS THAN SURVISE GENERATION	UNIT	RAIL	- effective until - effective until	DATE (e.g. April 30, 2022)
			- effective until	
			- effective until - effective until	
			- effective until - effective until	
			- effective until	
			- effective until - effective until	
ENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until - effective until	
			<ul> <li>effective until</li> </ul>	
			- effective until - effective until	
			<ul> <li>effective until</li> </ul>	
			- effective until - effective until	
			- effective until	
			- effective until	
ENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE				DATE (e.g. April 20, 2022)
LASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until - effective until	
			- effective until	
			- effective until - effective until	
			- effective until - effective until	
			- effective until	
			<ul> <li>effective until</li> <li>effective until</li> </ul>	
			- enective unter	
TANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until - effective until	
			<ul> <li>effective until</li> </ul>	
			- effective until	
			- effective until	
			- effective until - effective until	
			- effective until	
			- effective until	
ARGE USE SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until	DATE (0.9. April 00, 2022)
			- effective until - effective until	
			<ul> <li>effective until</li> </ul>	
			- effective until - effective until	
			- effective until - effective until	
			<ul> <li>effective until</li> </ul>	
			- effective until	
	UNIT			
TREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (e.g. April 30, 2022)
			- effective until - effective until	
			- effective until	
			- effective until - effective until	
			- effective until	
			- effective until - effective until	
			- effective until	
ENTINEL LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until - effective until	
			- effective until - effective until	
			- effective until	
			- effective until - effective until	
			- effective until	
			- effective until - effective until	
NMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until - effective until	
			<ul> <li>effective until</li> </ul>	
			effective until     effective until	
			- effective until - effective until	
			effective until     effective until     effective until     effective until	
			effective until     effective until     effective until     effective until     effective until     effective until	
			effective until     effective until     effective until     effective until	
nicroFT SERVICE CLASSIFICATION	UNIT	RATE	effective until     effective until     effective until     effective until     effective until     effective until	DATE (e.g. Arvil 30, 2022)
NCROFIT SERVICE CLASSIFICATION	UNIT	RATE	effective until	DATE (e.g. April 30, 2022)
NOTOFIT SERVICE CLASSIFICATION	UNIT	RATE	effective until	DATE (e.g. April 30, 2022)
IICROFIT SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (e.g. April 30, 2022)
NCTOFIT SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (e.g. April 30, 2022)
NICTOFIT SERVICE CLASSIFICATION	UNIT	RATE	effective until	DATE (e.g. April 30, 2022)
NicroPIT SERVICE CLASSIFICATION	UNIT	RATE	effective until     e	DATE (e.g. April 30, 2022)
NGROFIT SERVICE CLASSIFICATION	UNIT	RATE	effective until	DATE (e.g. April 30, 2022)

Effective May 1, 2021

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

EB-2020-0038

### **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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	25.93
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 Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kWh \$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022 Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable	•	(0.0000)
only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0063

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

EB-2020-0038

0.25

### London Hydro Inc. TARIFF OF RATES AND CHARGES Effective May 1, 2021

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

Standard Supply Service - Administrative Charge (if applicable)

\$

#### Effective May 1, 2021

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

EB-2020-0038

### **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 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	0.41
Cost of Scivice-Dased rate of def	
	0.57
Distribution Volumetric Rate \$/kWh 0.	0114
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022	
	0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -	
	0002
	005)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable	
	002)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next	
	0001
	0067
Retail Transmission Rate - Line and Transformation Connection Service Rate \$/kWh 0.	0056

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

EB-2020-0038

0.25

### London Hydro Inc. TARIFF OF RATES AND CHARGES Effective May 1, 2021

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

Standard Supply Service - Administrative Charge (if applicable)

\$

Effective May 1, 2021

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

EB-2020-0038

### **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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	166.64
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	2.8772

### Effective May 1, 2021

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

		EB-2020-0038
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW	0.1325
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.4362)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022 Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable	\$/kW	0.2195
only for Class B Customers Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next	\$/kW	(0.0629)
cost of service-based rate order	\$/kW	0.0347
Retail Transmission Rate - Network Service Rate	\$/kW	2.3432
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0376
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.0047
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.8393

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

Effective May 1, 2021

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

EB-2020-0038

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

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 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge

2,275.00

\$

### Effective May 1, 2021

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

EB-2020-0038
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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	3.9741
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW \$/kW	0.1210 (0.0953)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022 Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable	<b>1</b> .	(0.0953)
only for Class B Customers 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 Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW \$/kW	3.4687 3.0034
	ψηταν	5.0054

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

Effective May 1, 2021

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

EB-2020-0038

### 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Standby Charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	\$/kW	3.2825
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -	<b>Ф</b> /(-). А/	0 4 0 4 0
effective until April 30, 2022	\$/kW	0.1210
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	(0.0716)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable		
only for Class B Customers	\$/kW	(0.0434)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next	<b>A</b> 11 1 <b>A</b> 1	0.0206
cost of service-based rate order	\$/kW	0.0396

Effective May 1, 2021

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

EB-2020-0038

### 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.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B 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 Class B customers.

If included in the following listing of monthly rates and charges, 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	21,457.00
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	2.3945
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until April 30, 2022	\$/kW	(0.4952)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	(0.2197)
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	3.0780

0.25

\$

### London Hydro Inc. TARIFF OF RATES AND CHARGES

### Effective May 1, 2021

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

		EB-2020-0038
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.8393
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)

Effective May 1, 2021

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

EB-2020-0038

### 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 Ontaro 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	1.74
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order Distribution Volumetric Rate	\$ \$/kW	0.02 8.6808
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2022	\$/kW	(2.9708)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	(0.2216)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/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	0.1048
Retail Transmission Rate - Network Service Rate	\$/kW	2.0631
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7941

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

#### Effective May 1, 2021

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

EB-2020-0038

### 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	4.89
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	16.0956
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	(0.1474)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kW	(0.0611)
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	2.0658
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7966

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

#### Effective May 1, 2021

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

EB-2020-0038

### 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	2.45
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	0.0211
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022 Applicable only for Class B Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	(0.0004)
Rate Rider for Recovery of Advanced Capital Module (2018) - effective until the effective date of the next cost of service-based rate order Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kWh	0.0003 0.0067 0.0056

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

Effective May 1, 2021

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

EB-2020-0038

### 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 theOntario 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 Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	4.55
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 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

#### Effective May 1, 2021

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

EB-2020-0038

%	1.50
\$	35.00
\$	185.00
\$	185.00
\$	415.00
\$	5.50
\$	500.00
\$	300.00
\$	165.00
\$	45.39
	\$ \$ \$ \$ \$ \$

### **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 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	\$	104.04
Monthly Fixed Charge, per retailer	\$	41.62
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
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)	\$	4.16
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08

### LOSS FACTORS

### London Hydro Inc. **TARIFF OF RATES AND CHARGES** Effective May 1, 2021

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

#### EB-2020-0038

1.0146

1.0212 1.0045

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. 1.0315

Total Loss Factor - Secondary Metered Customer < 5,000 kV	V
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Total Loss Factor - Secondary Metered Customer > 5,000 kW

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

Total Loss Factor - Primary Metered Customer > 5,000 kW



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

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

#### Note:

Ontario Energy Board

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2020 of \$0.1368/kWh (IESO's Monthly Market Report for May 2020) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

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	aIJ	IE.	

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)	<b>RTSR</b> Demand or Demand- Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0315	1.0315	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0315	1.0315	2,000		CONSUMPTION	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0315	1.0315	1,095,000	2,500	EMAND - INTERVA	۸L
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)	1.0315	1.0315	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		CONSUMPTION	
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				
Add additional scenarios if required			1.0315	1.0315				

#### Table 2

				Total							
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	А				В		С		Total Bill	
eg. Residential 100, Residential Relater)		\$	%		\$	%	\$	%		\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ -	0.0%	\$	(0.15)	-0.5%	\$ (0.59)	-1.4%	\$	(0.47)	-0.4%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 0.01	0.0%	\$	(0.39)	-0.6%	\$ (1.45)	-1.6%	\$	(1.16)	-0.4%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 2.05	0.0%	\$	5,540.05	74.4%	\$ 4,927.69	21.7%	\$	5,568.29	2.7%
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kW	\$ 3.39	0.0%	\$	5,629.64	45.6%	\$ 4,952.83	17.0%	\$	5,596.69	2.6%
STANDBY POWER SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 3.15	0.0%	\$	(147.00)	-1.3%	\$ (147.00)	-1.3%	\$	(166.11)	-1.3%
ARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 12.41	0.0%	\$	12.41	0.0%	\$ (2,639.88)	-2.3%	\$	(2,983.07)	-0.3%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.00	0.0%	\$	1.30	23.7%	\$ 1.22	16.3%	\$	1.38	2.8%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.00	0.0%	\$	0.95	39.4%	\$ 0.93	33.2%	\$	1.05	3.3%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.20	0.5%	\$	(0.20)	-0.4%	\$ (1.26)	-1.6%	\$	(1.00)	-0.4%
				1							
				1							
			1								

RPP / Non-RPP: R										1					
Consumption	750	L/M/b													
	750														
Demand	-	kW													
Current Loss Factor	1.0315														
Proposed/Approved Loss Factor	1.0315														
			0	B-Approve	4				Deserves			1	lar.		
			Rate	-B-Approve Volume	a	Charge		Rate	Proposed Volume	1	Charge		III	pact	1
			(\$)	volume		Charge (\$)		(\$)	volume		Charge (\$)	\$	Change	% Change	1
Monthly Service Charge		\$	25.50	1	\$	25.50	\$	25.93	1	\$		\$	0.43	1.69%	1
Distribution Volumetric Rate		\$	-	750	\$		\$		750	\$	-	\$	-		1
Fixed Rate Riders		\$	0.74	1	\$	0.74	\$	0.31	1	\$	0.31	\$	(0.43)	-58.11%	1
Volumetric Rate Riders		\$	-	750	\$	-	\$	-	750	\$	-	\$	-		
Sub-Total A (excluding pass through)					\$	26.24				\$	26.24	\$	-	0.00%	
Line Losses on Cost of Power		\$	0.1333	24	\$	3.15	\$	0.1333	24	\$	3.15	\$	-	0.00%	1
Total Deferral/Variance Account Rate		\$		750	\$		\$		750	\$		¢			
Riders		φ	-	750	φ		φ		750	φ	-	φ	-		1
CBR Class B Rate Riders		\$	-	750	\$	-	-\$	0.0002	750	\$	(0.15)	\$	(0.15)		1
GA Rate Riders		\$	-	750	\$	-	\$	-	750	\$	-	\$	-		1
Low Voltage Service Charge		\$	-	750	\$	-			750	\$	-	\$	-		1
Smart Meter Entity Charge (if applicable)		\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%	
Additional Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-		1
Additional Volumetric Rate Riders		\$	-	750	\$	-	\$	-	750	\$	-	\$	-		1
Sub-Total B - Distribution (includes					\$	29.96				\$	29.81	\$	(0.15)	-0.50%	
Sub-Total A)					Ŧ					•		•	, ,		1
RTSR - Network		\$	0.0074	774	\$	5.72	\$	0.0071	774	\$	5.50	\$	(0.22)	-3.85%	
RTSR - Connection and/or Line and		\$	0.0066	774	\$	5.11	\$	0.0063	774	\$	4.89	\$	(0.21)	-4.21%	lia i na
Transformation Connection					-		-			-			. ,		In the manager's summary, discuss the rease
Sub-Total C - Delivery (including Sub- Total B)					\$	40.79				\$	40.20	\$	(0.59)	-1.43%	1
Wholesale Market Service Charge															
(WMSC)		\$	0.0034	774	\$	2.63	\$	0.0034	774	\$	2.63	\$	-	0.00%	
Rural and Remote Rate Protection															
(RRRP)		\$	0.0005	774	\$	0.39	\$	0.0005	774	\$	0.39	\$	-	0.00%	
Standard Supply Service Charge		\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%	
TOU - Off Peak		\$	0.1050	480	\$	50.40	\$	0.1050	480	\$	50.40	\$	-	0.00%	1
TOU - Mid Peak		\$	0.1500	135	\$	20.25	\$	0.1500	135	\$	20.25	\$	-	0.00%	
TOU - On Peak		\$	0.2170	135	\$	29.30	\$	0.2170	135	\$	29.30	\$	-	0.00%	l l
															1
Total Bill on TOU (before Taxes)					\$	144.00				\$	143.42		(0.59)	-0.41%	1
HST			13%		\$	18.72		13%		\$	18.64		(0.08)	-0.41%	1
Ontario Electricity Rebate			33.2%		\$	(47.81)		33.2%		\$	(47.61)		0.19		1
Total Bill on TOU					\$	114.91				\$	114.45	\$	(0.47)	-0.41%	1
															1

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION

Customer Class: G		VICELE	SS THAN 50 KW SERV	ICE CLASSI	FICA	TION									
RPP / Non-RPP: R			SO THAT SO RE SERV												
Consumption	2,000	1.34/1-			1										
		kwn kW													
Demand		KW													
Current Loss Factor	1.0315														
Proposed/Approved Loss Factor	1.0315														
			Current OF	EB-Approve	d				Proposed				Im	pact	
			Rate	Volume		Charge		Rate	Volume		Charge				
			(\$)			(\$)		(\$)			(\$)	\$ C	hange	% Change	
Monthly Service Charge		\$	33.54	1	\$	33.54	\$	34.11	1	\$	34.11	\$	0.57	1.70%	
Distribution Volumetric Rate		\$	0.0112	2000	\$	22.40	\$	0.0114	2000	\$	22.80	\$	0.40	1.79%	
Fixed Rate Riders		\$	0.97	1	\$	0.97	\$	0.41	1	\$	0.41	\$	(0.56)	-57.73%	
Volumetric Rate Riders		\$	0.0003	2000		0.60	\$	0.0001	2000	\$	0.20	\$	(0.40)	-66.67%	
Sub-Total A (excluding pass through)					\$	57.51				\$		\$	0.01	0.02%	
Line Losses on Cost of Power		\$	0.1333	63	\$	8.40	\$	0.1333	63	\$	8.40	\$	-	0.00%	
Total Deferral/Variance Account Rate		\$		2,000	\$		\$		2,000	s		\$			
Riders		Ψ	-			-	Ψ		-	Ψ					
CBR Class B Rate Riders		\$	-	2,000	\$	-	-\$	0.0002	2,000	\$	(0.40)	\$	(0.40)		
GA Rate Riders		\$	-			-	\$	-	2,000	\$	-	\$	-		
Low Voltage Service Charge		\$	-	2,000		-			2,000	\$	-	\$	-		
Smart Meter Entity Charge (if applicable)		\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%	
Additional Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Additional Volumetric Rate Riders		\$	-	2,000	\$	-	\$	-	2,000	\$	-	\$	-		
Sub-Total B - Distribution (includes					\$	66.48				\$	66.09	\$	(0.39)	-0.59%	
Sub-Total A)		-			Ŧ					Ψ			· · /		
RTSR - Network		\$	0.0070	2,063	\$	14.44	\$	0.0067	2,063	\$	13.89	\$	(0.56)	-3.85%	
RTSR - Connection and/or Line and		\$	0.0058	2,063	\$	11.97	\$	0.0056	2,063	¢	11.46	\$	(0.50)	-4.21%	
Transformation Connection		Ŷ	0.0000	2,000	Ψ	11.57	Ŷ	0.0000	2,000	•	11.40	Ψ	(0.00)	4.2170	In the manager's summary, discuss the rea
Sub-Total C - Delivery (including Sub-					\$	92.88				\$	91.43	¢	(1.45)	-1.56%	
Total B)					Ŷ	52.00				Ŷ	51.40	Ψ	(1.40)	1.0070	
Wholesale Market Service Charge		\$	0.0034	2,063	\$	7.01	\$	0.0034	2,063	s	7.01	\$		0.00%	
(WMSC)		Ŷ	0.0004	2,000	Ψ	7.01	Ŷ	0.0004	2,000	•	1.01	Ψ		0.0070	
Rural and Remote Rate Protection		\$	0.0005	2,063	\$	1.03	\$	0.0005	2,063	s	1.03	\$	-	0.00%	
(RRRP)		•							_,000	Ť					
Standard Supply Service Charge		\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%	
TOU - Off Peak		\$	0.1050	1,280	\$	134.40		0.1050	1,280	\$	134.40	\$	-	0.00%	
TOU - Mid Peak		\$	0.1500	360	\$		\$	0.1500	360	\$	54.00	\$	-	0.00%	
TOU - On Peak		\$	0.2170	360	\$	78.12	\$	0.2170	360	\$	78.12	\$		0.00%	
Total Bill on TOLL (before Taxes)					\$	367.70				¢	366.25	¢	(1.45)	-0.39%	
Total Bill on TOU (before Taxes) HST			13%		⊅ \$	47.80		13%		ę.		<b>թ</b> Տ	(0.19)	-0.39%	
Ontario Electricity Rebate			33.2%		\$	(122.08)		33.2%		s S	(121.59)		0.48	-0.3976	
Total Bill on TOU			33.2 /0		\$	293.42		JJ.Z /0		S	292.27	¢	(1.16)	-0.39%	
					Ψ	233.42				Ψ	232.21	Ψ	(1.10)	-0.3976	

Consumption       Line Loss of	Customer Class: GENERAL S RPP / Non-RPP: Non-RPP (O	ERVICE 5	0 to 4,999 kW SERVICE	CLASSIFICA	TION					]					
Demand Proposed/Approved Loss Factor         Solution (1) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3															
Current Loss Factor         1.0315           Proposed/Approved Loss Factor         1.0315           Northly Service Charge         Current OES-Approved         Rate         Volume         Charge         Kate         Volume         Charge         % Charge         % Charge           Morthly Service Charge         \$         163.35         1         163.35         166.64         1         \$         166.64         \$         2.70         1.70%           Distribution Volumetin Rate         \$         103.85         106.64         \$         2.70         1.70%         \$         2.200         \$         7.712.75         \$         2.0047         2.500         \$         7.446.40         \$         2.57         \$         2.070         \$         2.600         \$         7.446.40         \$         2.50         \$         7.446.40         \$         2.50         \$         1.055.00         \$         1.055.00         \$         \$         0.0524         1.095.000         \$         \$         \$         0.0524         1.095.000         \$         \$         \$         0.0524         1.095.000         \$         \$         \$         \$         0.0524         1.095.000         \$         \$         \$         \$															
Proposed/Approved Loss Factor         10315           Monthly Schride Charge (\$)         Current OEB-Approved (\$)         Charge (\$)         Proposed (\$)         Charge (\$)         Impact (\$)         Impact (\$)           Monthly Schride Charge (\$)         \$         Charge (\$)         Charge (\$)         Charge (\$)         Charge (\$)         Schrade (\$)         Scharge (\$)         Scha															
Current OEB-Approved         Charge         Rate         Volume         Charge         Charge         Scharge         %Charge         %Charge           Disrbution Volumetic Rate         \$         166.36         1         \$         166.34         \$         2.78         1.70%           Disrbution Volumetic Rate         \$         2.69         \$         7.072.75         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         2.060         \$         2.071         \$         \$         2.071         2.060         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.071         \$         \$         2.001         \$         1.070%         \$         2.001         \$         1.095.000         \$         \$         0.00000         \$         5         \$ <td></td>															
Rate         Volume         Charge (s)         Rate         Volume         Charge (s)         Charge         S Charge         % Charge           Monthly Service Charge Distribution Volumetric Rate Rate Riders         1 \$ 3.053.5         1 \$ 163.85         1 \$ 5.053.5         2.8772         2.500         \$ 7.193.00         120.25         1.70%           Fixed Rate Riders         \$ 4.75         1 \$ 7.475         \$ 2.071         \$ 2.001         \$ (2.24)         -57.68%           Sub-Total A (excluding pass through)           \$ 7.446.35          \$ 7.446.40         \$ 2.05         0.0376           Sub-Total A (excluding pass through)           \$ 7.466.35          \$ .         \$ .         \$ .           Total Deforal/Variance Account Rate Riders         \$ .         .         \$ .	Proposed/Approved Loss Factor 1.03	15													
Rate         Volume         Charge (s)         Rate         Volume         Charge (s)         Charge         S Charge         % Charge           Monthly Service Charge Distribution Volumetric Rate         \$         163.85         1         \$         163.85         \$         166.46         \$         2.772         5         2.8772         2500         \$         7.193.00         120.25         1.70%           Fixed Rate Riders         \$         4.75         5         2.0772         5         2.071         1         \$         2.001         \$         120.25         1.70%           Volumetric Rate Riders         \$         0.0320         2.000         \$         0.0347         2500         \$         7.445.40         \$         2.05         0.0357           Sub-Total A (excluding pass through)          5         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -			Current O	EB-Approve	d				Proposed	1			Im	pact	
Monthy Service Charge         \$         163.85         1         \$         163.85         1         \$         166.64         \$         2.79         1.70%           Distribution Volumetric Rate Riders         \$         2.475         \$         2.77         2500         \$         7.072.75         \$         2.71         1         \$         2.01         \$         (2.74)         -57.68%           Sub-Total A (excluding pass through)         -         -         \$         -         \$         -         \$         -         \$         -         -         \$         -         -         \$         -         -         \$         <			Rate	Volume		Charge		Rate	Volume		Charge				
Distribution Volumenic Rate       \$       2.8291       2500       \$       7.193.00       \$       120.25       1.70%         Fixed Rate Riders       \$       0.0802       2500       \$       0.0947       2500       \$       7.193.00       \$       120.25       \$       1.70%         Sub-Total A Conclusing pass through)        0.0802       2500       \$       0.0947       2500       \$       7.464.40       \$       2.05       0.037         Sub-Total A Concurt Rate       \$       - <td></td> <td></td> <td>(\$)</td> <td></td> <td></td> <td>(\$)</td> <td></td> <td>(\$)</td> <td></td> <td></td> <td>(\$)</td> <td>\$</td> <td>Change</td> <td>% Change</td> <td></td>			(\$)			(\$)		(\$)			(\$)	\$	Change	% Change	
Fixed Rate Riders       \$       4.75       1       5       2.01       1       \$       2.01       1       \$       2.01       5       7.748.40       5       7.748.40       5       2.06       0.0336         Sub-Total A (excluding pass through)       •       \$       7.446.35       •       \$       7.446.40       \$       2.06       \$       0.0376       0.0336         Sub-Total A (excluding pass through)       •       \$       ·       \$       ·       \$       7.446.35       ·       \$       7.446.40       \$       2.06       \$       .       \$       7.446.40       \$       2.06       \$       .       \$       0.026       0.0376       \$       0.0376       \$       0.0376       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.052       1.095.000       \$       0.0052       1.095.000       \$       0.0052       1.095.000       \$       0.0052       1.095.000       \$       5.40.05       7.440.35       \$       0.0052       1.095.000       \$       5.4	Monthly Service Charge	\$	163.85	1	\$	163.85	\$	166.64	1	\$	166.64	\$	2.79	1.70%	
Volumetric Rate Riders         \$         0.0820         2500         \$         0.0347         2500         \$         6.17         \$         1.7         \$	Distribution Volumetric Rate	\$	2.8291	2500	\$	7,072.75	\$	2.8772	2500	\$	7,193.00	\$	120.25	1.70%	
Sub-Total A (excluding pass through)         Imal coses on Cost of Power         \$         7.448.30         \$         7.448.40         \$         2.05         0.03%           Total Deferral/Variance Account Rate         \$         -         -         -         >         -         -         -	Fixed Rate Riders	\$	4.75	1	\$	4.75	\$	2.01	1	\$	2.01	\$	(2.74)	-57.68%	
Line Losses on Cost of Power       \$       - <th< td=""><td>Volumetric Rate Riders</td><td>\$</td><td>0.0820</td><td>2500</td><td>\$</td><td>205.00</td><td>\$</td><td>0.0347</td><td>2500</td><td>\$</td><td>86.75</td><td>\$</td><td>(118.25)</td><td>-57.68%</td><td></td></th<>	Volumetric Rate Riders	\$	0.0820	2500	\$	205.00	\$	0.0347	2500	\$	86.75	\$	(118.25)	-57.68%	
Total Deferral/Variance Account Rate Riders       S       -       2,500       S       -       S       S       -       S       S       -       S       -       S       S       -       S       S       -       S       S       -       S       S       S       S       S       <					\$	7,446.35				Ŧ	7,448.40	\$	2.05	0.03%	
Riders       S       -       Z.500       S       -       Z.500       S       -       S	Line Losses on Cost of Power	\$	-	-	\$	-	\$		-	\$	-	\$	-		
Notes       - <td>Total Deferral/Variance Account Rate</td> <td>¢</td> <td>_</td> <td>2 500</td> <td>¢</td> <td></td> <td>¢</td> <td></td> <td>2 500</td> <td>¢</td> <td>_</td> <td>¢</td> <td></td> <td></td> <td></td>	Total Deferral/Variance Account Rate	¢	_	2 500	¢		¢		2 500	¢	_	¢			
GA Rate Riders       \$       -       1,095,000       \$       -       \$       0.0052       1,095,000       \$       5,694,00       \$       \$       10       \$       \$       \$       \$ </td <td></td> <td>Ψ</td> <td></td> <td></td> <td>Ψ</td> <td>-</td> <td>Ψ</td> <td></td> <td>-</td> <td>Ψ.</td> <td>-</td> <td>Ψ</td> <td>-</td> <td></td> <td></td>		Ψ			Ψ	-	Ψ		-	Ψ.	-	Ψ	-		
Low Voltage Service Charge       \$       -       2,500       \$       -       \$       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       <		\$	-		\$	-									
Smart Meier Entity Charne (iff applicable)       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       1       1       1<		\$	-		\$	-	\$	0.0052		· ·	5,694.00	\$	5,694.00		
Additional Fixed Rate Riders       \$       -       1       \$       -       \$       -       1       \$       -       \$       S       -       \$       S       -       \$       -       \$       S       -       \$       -       \$       S       -       \$       S       -       S       -       S       -       S       -       S       S       S <th< td=""><td></td><td>\$</td><td>-</td><td>2,500</td><td>\$</td><td>-</td><td></td><td></td><td>2,500</td><td>\$</td><td>-</td><td>\$</td><td>-</td><td></td><td></td></th<>		\$	-	2,500	\$	-			2,500	\$	-	\$	-		
Additional Volumetric Rate Riders       \$       -       2,500       \$       -       \$       -       2,500       \$       -       \$       -       2,500       \$       -       \$       -       2,500       \$       -       -       \$       -       -       S       -       S       -       S       -       S       -       S       -       S       -       S       -       S       -       S       -       S       -       S       S       -       S       S       -       S       S       -       S       S       -       S       S       -       S       S       -       S       S       S       S       S       S       S       S       S       S       S		\$	-	1	\$	-	\$		1	\$	-	\$	-		
Sub-Total B - Distribution (includes Sub-Total A)         \$ 7,446.35         \$ 12,986.40         \$ 5,540.05         74.40%           Sub-Total A)         \$ 3.1250         2.500         \$ 7,812.50         \$ 3.0047         2.500         \$ 7,511.77         \$ (300.73)         -3.85%           RTSR - Network Transformation Connection Sub-Total B)         \$ 2.9640         2.500         \$ 7,410.00         \$ 2.8393         2.500         \$ 7,511.77         \$ (300.73)         -3.85%           Sub-Total B.         \$ 2.9640         2.500         \$ 7,410.00         \$ 2.8393         2.500         \$ 7,511.77         \$ (300.73)         -3.85%           Sub-Total B.         \$ 2.9640         2.900         \$ 7,410.00         \$ 2.8393         2.500         \$ 7,511.77         \$ (311.63)         -4.21%           Wholesale Market Service Charge         \$ 0.0034         1,129,493         \$ 3.840.27         \$ (31.43)         -4.21%           Wholesale Market Protection         \$ 0.0034         1,129,493         \$ 3.840.27         \$ (30.034         1,129,493         \$ 3.840.27         \$ -         0.00%           Standard Supply Service Charge         \$ 0.025         1,129,493         \$ 142,493         \$ 142,493         \$ 142,493         \$ 142,493         \$ 145,414.57         \$ 0.00%           Standard Suppl		\$	-	1	\$	-	\$		1	\$	-	\$	-		
Sub-Total A)         Image: Constraint of the state		\$	=	2,500	\$	-	\$	-	2,500	\$	-	\$	-		
Sub-Total A)       Image: Sub-Tota A)					\$	7.446.35				s	12,986,40	\$	5.540.05	74.40%	
RTSR - Connection and/or Line and Transformation Connection       \$       2.9640       2,500       \$       7,098.37       \$       (311.63)       -4.21%       In the manager's summary, discuss the reast         Sub-Total C - Delivery (including Sub- Total B)       \$       0.0034       1,129,493       \$       2.8393       2,500       \$       7,098.37       \$       (311.63)       -4.21%       In the manager's summary, discuss the reast         Sub-Total C - Delivery (including Sub- Total B)       \$       0.0034       1,129,493       \$       2.8393       2,500       \$       7,098.37       \$       (311.63)       -4.21%       In the manager's summary, discuss the reast         Wholesale Market Service Charge (WMSC)       \$       0.0034       1,129,493       \$       3,840.27       \$       0.0034       1,129,493       \$       3,840.27       \$       0.000%         Kural and Remote Rate Protection (RRRP)       \$       0.0005       1,129,493       \$       564.75       \$       0.000%       0.000%         Verage IESO Wholesale Market Price       \$       0.1366       1129,493       \$       1129,493       \$       145,514.57       \$       0.1366       2.71%         HST       13%       \$       23,26%       \$       1316,514.58       \$ </td <td></td> <td></td> <td></td> <td></td> <td>Ŧ</td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td>-</td> <td>•</td> <td></td> <td></td> <td></td>					Ŧ					•	-	•			
Transformation Connection         \$         2.9640         2.900         \$         7,410.00         \$         2.8333         2.900         \$         7,98.37         \$         (311.63)         -4.21%         In the manager's summary, discuss the rease           Sub-Total C - Delivery (including Sub- Total B)         Image: Content of the second seco		\$	3.1250	2,500	\$	7,812.50	\$	3.0047	2,500	\$	7,511.77	\$	(300.73)	-3.85%	
Transformation Connection       Image: Summary, discuss the reast         Sub-Total C - Delivery (including Sub- Total B)       Image: Summary, discuss the reast         Sub-Total C - Delivery (including Sub- Total B)       S       0.0034       1,129,493       \$       27,596.54       \$       4,927.69       21.74%         Wholesale Market Service Charge (WMSC)       \$       0.0034       1,129,493       \$       3,840.27       \$       0.0034       1,129,493       \$       3,840.27       \$       -       0.00%         Rural and Remote Rate Protection (RRRP)       \$       0.0005       1,129,493       \$       564.75       \$       0.025       -       0.00%         Variage IESO Wholesale Market Price       \$       0.1368       1,129,493       \$       154,514.57       \$       0.1368       1,129,493       \$       4,927.69       2.71%         Total Bill on Average IESO Wholesale Market Price       \$       181,588.69       \$       129,493       \$       186,516.38       \$       4,927.69       2.71%         HST       13%       \$       23,606.53       13%       \$       24,271.3       \$       60.00%       2.71%         Ontario Electricity Rebate       33.2%       \$       33.2%       \$       33.2%		\$	2.9640	2,500	\$	7.410.00	\$	2.8393	2.500	s	7.098.37	\$	(311.63)	-4.21%	
Total B)         Total B)         S         22,668.85         C         S         27,956.34         S         4,927.69         21,74%           Wholesale Market Service Charge (WMSC)         \$         0.0034         1,129,493         \$         3,840.27         \$         0.0034         1,129,493         \$         3,840.27         \$         -         0.00%           Rural and Remote Rate Protection (RRRP)         \$         0.0005         1,129,493         \$         564.75         \$         0.025         1         \$         0.25         1         \$         0.025         \$         0.025         \$         0.1368         1,129,493         \$         154,514.57         \$         0.036         1,00%           Average IESO Wholesale Market Price         \$         0.1368         1,129,493         \$         154,514.57         \$         0.1368         1,29,493         \$         154,514.57         \$         0.00%           HST         13%         \$         23,606.53         1,3%         \$         24,247.13         \$         640.60         2.71%           Ontario Electricity Rebate         33.2%         \$         -         33.2%         \$         33.2%         \$         4.927.69         2.71% <td></td> <td></td> <td></td> <td></td> <td>·</td> <td>,</td> <td></td> <td></td> <td>,</td> <td></td> <td>,</td> <td></td> <td>(,</td> <td></td> <td>In the manager's summary, discuss the reas</td>					·	,			,		,		(,		In the manager's summary, discuss the reas
Wholesale Market Service Charge         \$         0.0034         1,129,493         \$         3,840.27         \$         -         0.00%           Windexale Market Service Charge         \$         0.0005         1,129,493         \$         3,840.27         \$         0.0034         1,129,493         \$         3,840.27         \$         -         0.00%           Kural and Remote Rate Protection (RRP)         \$         0.0005         1,129,493         \$         564.75         \$         0.0005         1,129,493         \$         564.75         \$         -         0.00%           Standard Supply Service Charge         \$         0.25         1         \$         0.25         1         \$         0.25         1         \$         0.00%           Average IESO Wholesale Market Price         \$         1.129,493         \$         154,514.57         \$         0.1368         154,514.57         \$         0.100%           HST         13%         \$         23,606.53         13%         \$         24,27.59         2.71%           Ontario Electricity Rebate         33.2%         \$         -         33.2%         33.2%         33.2%         33.2%         564.75         \$         4.927.69         2.71% <tr< td=""><td></td><td></td><td></td><td></td><td>\$</td><td>22,668.85</td><td></td><td></td><td></td><td>\$</td><td>27,596.54</td><td>\$</td><td>4,927.69</td><td>21.74%</td><td></td></tr<>					\$	22,668.85				\$	27,596.54	\$	4,927.69	21.74%	
(WMSC)       *       0.003       1,129,493       \$       5,040,27       \$       5,040,27       \$       -       0.00%         Rural and Remote Rate Protection (RRRP)       \$       0.0005       1,129,493       \$       564.75       \$       0.00%       1,129,493       \$       564.75       \$       -       0.00%         Standard Supply Service Charge       \$       0.25       \$       0.1368       1,129,493       \$       564.75       \$       -       0.00%         Average IESO Wholesale Market Price       \$       0.1368       1129,493       \$       1129,493       \$       154,514.57       \$       -       0.00%         HST       13%       \$       181,588.69       181,588.69       13%       \$       24,271.3       \$       640.60       2.71%         HST       13%       \$       23,266.53       13%       \$       24,271.3       \$       640.60       2.71%					·	,				·	,	•			
Rural and Remote Rate Protection (RRRP)       \$       0.0005       1,129,493       \$       564.75       \$       -       0.00%         Standard Supply Service Charge       \$       0.25       1       \$       0.25       \$       0.25       \$       0.00%         Average IESO Wholesale Market Price       \$       0.1366       1.129,493       \$       154,514.57       \$       -       0.00%         Total Bill on Average IESO Wholesale Market Price       \$       181,588.69       181,588.69       181,588.69       \$       4.927.69       2.71%         HST       13%       \$       2.360.633       1.13%       \$       2.4,247.13       \$       640.60       2.71%         Ontario Electricity Rebate       3.22%       \$       3.32%       3.32%       \$       4.8       \$       4.927.69       2.71%		\$	0.0034	1,129,493	\$	3,840.27	\$	0.0034	1,129,493	\$	3,840.27	\$	-	0.00%	
(RRP)       \$       0.0005       1,129,493       \$       564.75       \$       0.0005       1,129,493       \$       564.75															
Standard Supply Service Charge         \$         0.25         \$         0.25         \$         0.25         \$         0.00%           Average IESO Wholesale Market Price         \$         0.1368         1.129,493         \$         0.1368         1.129,493         \$         154,514.57         \$         0.00%           Total Bill on Average IESO Wholesale Market Price             1.129,493         \$         1.129,493         \$         1.54,514.57         \$          0.00%           Total Bill on Average IESO Wholesale Market Price             1.81,588.69            4.927.69         2.71%           HST         1.3%         \$         2.306.53         1.3%         \$         640.60         2.71%           Ontario Electricity Rebate         3.2%          3.32%         \$         3.32%         \$         5         -         0.00%		\$	0.0005	1,129,493	\$	564.75	\$	0.0005	1,129,493	\$	564.75	\$	-	0.00%	
Average IESO Wholesale Market Price         \$         0.1368         1,129,493         \$         154,514.57         \$         0.00%           Total Bill on Average IESO Wholesale Market Price         \$         181,588.69         \$         4,927.69         2.71%           HST         13%         \$         23,606.53         13%         \$         24,247.13         \$         640.60         2.71%           Ontario Electricity Rebate         33.2%         \$         -         33.2%         \$         -		*	0.25	1	¢	0.25	•	0.25	4		0.05	¢		0.00%	
State         State <th< td=""><td></td><td>ф ф</td><td></td><td>1 1 20 402</td><td></td><td></td><td>ф ф</td><td></td><td>4 400 400</td><td>- <b>-</b></td><td></td><td>ф Ф</td><td>-</td><td></td><td></td></th<>		ф ф		1 1 20 402			ф ф		4 400 400	- <b>-</b>		ф Ф	-		
HST         13%         \$ 23,606.53         13%         \$ 24,247.13         \$ 640.60         2.71%           Ontario Electricity Rebate         33.2%         \$ -         33.2%         \$ -         -	Average IESO Wholesale Market Price	\$	0.1368	1,129,493	ð	104,014.57	\$	0.1368	1,129,493	\$	154,514.57	¢		0.00%	
HST         13%         \$ 23,606.53         13%         \$ 24,247.13         \$ 640.60         2.71%           Ontario Electricity Rebate         33.2%         \$ -         33.2%         \$ -         -	Total Bill on Average IESO Wholesale Market Price				\$	181 588 69				ŝ	186.516 38	\$	4 927 69	2.71%	
Ontario Electricity Rebate 33.2% \$ - 33.2% \$ -			13%					13%							
						-				-	-	¥	0.000	2.7170	
			00.270			205,195,23		50.270		s	210.763.51	\$	5.568.29	2.71%	
					Ť	100,100.20				Ť	210,100.01	*		2.7170	

Customer Class:			00 TO 4.999 KW (CO-G												
RPP / Non-RPP:			00 10 4,333 KW (00-0			WICE CEASSIN									
Consumption	1,095,000														
		kW													
Demand	,	KW													
Current Loss Factor	1.0315														
Proposed/Approved Loss Factor	1.0315														
			Current OF	EB-Approve	d				Proposed				Im	pact	
			Rate	Volume		Charge		Rate	Volume		Charge				
			(\$)			(\$)		(\$)			(\$)	\$	Change	% Change	
Monthly Service Charge		\$	2,236.97	1	\$	2,236.97	\$	2,275.00	1	\$	2,275.00	\$	38.03	1.70%	
Distribution Volumetric Rate		\$	3.9077	2500	\$	9,769.25	\$	3.9741	2500	\$	9,935.25	\$	166.00	1.70%	
Fixed Rate Riders		\$	64.85	1	\$	64.85	\$	27.46	1	\$	27.46	\$	(37.39)	-57.66%	
Volumetric Rate Riders		\$	0.1133	2500	\$	283.25	\$	0.0480	2500	\$	120.00	\$	(163.25)	-57.63%	
Sub-Total A (excluding pass through)					\$	12,354.32				\$	12,357.71	\$	3.39	0.03%	
Line Losses on Cost of Power		\$	-		\$	-	\$	-	-	\$	-	\$	-		
Total Deferral/Variance Account Rate		\$		2,500	\$	-	\$	_	2,500	¢	_	\$	-		
Riders		Ψ	-			-		-		Ψ	-		-		
CBR Class B Rate Riders		\$	-	2,500		-	-\$	0.0271	2,500	\$	(67.75)	\$	(67.75)		
GA Rate Riders		\$	-	1,095,000		-	\$	0.0052	1,095,000	\$	5,694.00	\$	5,694.00		
Low Voltage Service Charge		\$	-	2,500		-			2,500	\$	-	\$	-		
Smart Meter Entity Charge (if applicable)		\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Additional Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Additional Volumetric Rate Riders		\$	-	2,500	\$	-	\$		2,500	\$	-	\$	-		
Sub-Total B - Distribution (includes					\$	12,354.32				\$	17,983.96	\$	5,629.64	45.57%	
Sub-Total A)					•					•		·			
RTSR - Network		\$	3.6076	2,500	\$	9,019.00	\$	3.4687	2,500	\$	8,671.83	\$	(347.17)	-3.85%	
RTSR - Connection and/or Line and		\$	3.1353	2,500	\$	7,838.25	\$	3.0034	2,500	\$	7,508.61	\$	(329.64)	-4.21%	
Transformation Connection		•		_,	Ť	.,	*		_,	*	.,	*	(====;		In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-					\$	29,211.57				\$	34,164.40	\$	4,952.83	16.96%	
Total B) Wholesale Market Service Charge					-										
(WMSC)		\$	0.0034	1,129,493	\$	3,840.27	\$	0.0034	1,129,493	\$	3,840.27	\$	-	0.00%	
Rural and Remote Rate Protection															
(RRRP)		\$	0.0005	1,129,493	\$	564.75	\$	0.0005	1,129,493	\$	564.75	\$	-	0.00%	
(KKKP) Standard Supply Service Charge		\$	0.25	1	\$	0.25	¢	0.25	1	¢	0.25	\$	-	0.00%	
Average IESO Wholesale Market Price		\$	0.1368	1,129,493		154,514.57	¢	0.1368	1,129,493	ě	154,514.57	\$		0.00%	
Average 1200 wholesale warket Fille	_	Ŷ	0.1308	.,120,400	Ψ	104,014.01	Ψ	0.1500	1,123,433	Ÿ	134,314.37	Ψ		0.0078	
Total Bill on Average IESO Wholesale Ma	arket Price				\$	188,131.41	1			ŝ	193,084.24	\$	4,952.83	2.63%	
HST			13%		\$	24,457.08		13%		ŝ	25,100.95	\$	643.87	2.63%	
Ontario Electricity Rebate			33.2%		ŝ	-		33.2%		ŝ		Ť	2.0.07	2.0070	
Total Bill on Average IESO Wholesale Ma	arket Price		50.270		\$	212,588.50		00.270		\$	218,185.19	\$	5,596.69	2.63%	
go moo moocaro m					T.	,000100				Ŧ		Ŧ	2,220100	2.0070	

	WER SERVICE CLASSIFICAT	ON				1		
RPP / Non-RPP: Non-RPP (Other	er)							
Consumption -	kWh							
Demand 3,500	kW							
Current Loss Factor 1.0315								
Proposed/Approved Loss Factor 1.0315								
	3							
	Current	OEB-Approve	d		Propose	Impact		
	Rate	Volume	Charge	Rate Volume		Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ -		\$-	\$-		\$-	\$-	
Distribution Volumetric Rate	\$ 3.227	6 3500	\$ 11,296.60	\$ 3.2825	3500	\$ 11,488.75	\$ 192.15	1.70%
Fixed Rate Riders	\$ -	1	\$-	\$ -	1	\$-	\$-	
Volumetric Rate Riders	\$ 0.093	6 3500		\$ 0.0396	3500		\$ (189.00)	-57.69%
Sub-Total A (excluding pass through)			\$ 11,624.20			\$ 11,627.35	\$ 3.15	0.03%
Line Losses on Cost of Power	\$ 0.136	8 -	\$-	\$ 0.1368	-	\$-	\$-	
Total Deferral/Variance Account Rate	\$ -	3,500	\$-	s -	3,500	s -	s -	
Riders							•	
CBR Class B Rate Riders	\$ -	3,500	\$-	-\$ 0.0429	3,500	\$ (150.15)		
GA Rate Riders	\$ -	-	\$-	\$ 0.0052	-	\$-	\$-	
Low Voltage Service Charge	\$ -	3,500	\$-		3,500	\$-	\$-	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$-	\$ -	1	\$-	\$-	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$-	3,500	\$-	\$-	3,500	\$-	\$-	
Sub-Total B - Distribution (includes			\$ 11,624.20			\$ 11,477.20	\$ (147.00)	-1.26%
Sub-Total A)								0,0
RTSR - Network	\$ -	3,500	\$-	\$ -	3,500	\$-	\$-	
RTSR - Connection and/or Line and	\$ -	3,500	\$-	\$ -	3,500	s -	\$-	
Transformation Connection	*	0,000	÷	•	0,000	•	÷	
Sub-Total C - Delivery (including Sub-			\$ 11,624.20			\$ 11,477.20	\$ (147.00)	-1.26%
Total B)			•			•,	÷ (,	
Wholesale Market Service Charge	\$ 0.003	4 -	\$-	\$ 0.0034	-	s -	\$-	
(WMSC)								
Rural and Remote Rate Protection	\$ 0.000	5 -	s -	\$ 0.0005	-	s -	\$ -	
(RRRP)		-	¢ 0.05	¢ 0.05		¢ 0.05	¢	0.000/
Standard Supply Service Charge	\$ 0.2		\$ 0.25 \$ -	\$ 0.25	1	\$ 0.25	\$- \$-	0.00%
Average IESO Wholesale Market Price	\$ 0.136	8 -	ъ -	\$ 0.1368		\$-	ъ -	
Total Bill on Average IESO Whelesele Market Price			\$ 11,624.45			\$ 11,477.45	\$ (147.00)	-1.26%
Total Bill on Average IESO Wholesale Market Price HST	13	0/	\$ 11,624.45 \$ 1,511.18	139	,	\$ 11,477.45 \$ 1,492.07	\$ (147.00) \$ (19.11)	-1.26%
Ontario Electricity Rebate	33.2		\$ 1,511.10	33.29		\$ 1,492.07 \$ -	φ (19.11)	-1.20%
Total Bill on Average IESO Wholesale Market Price	33.4	/0	\$ 13,135.63	33.29	0	\$ 12,969.52	\$ (166.11)	-1.26%
Total bill on Average 1200 Wildlesale Market Fille			φ 13,133.03			φ 12,909.32	φ (100.11)	-1.20%

Customer Class:	LARGE USE SE	ERVICE CLASSIFIC								
RPP / Non-RPP:	Non-RPP (Othe	er)								
Consumption	5,600,000	kWh								
Demand	10,700	kW								
Current Loss Factor	1.0315									
Proposed/Approved Loss Factor	1.0315									
		Current OEB-Approved			d		Proposed		In	npact
		Rate		Volume	Charge	Rate	Volume	Charge		

	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 21,098.33	1	\$ 21,098.33	\$ 21,457.00	1	\$ 21,457.00	\$ 358.67	1.70%	
Distribution Volumetric Rate	\$ 2.3545	10700	\$ 25,193.15	\$ 2.3945	10700	\$ 25,621.15	\$ 428.00	1.70%	
Fixed Rate Riders	\$ 611.66	1	\$ 611.66	\$ 258.98	1	\$ 258.98	\$ (352.68)	-57.66%	
Volumetric Rate Riders	\$ 0.0683	10700	\$ 730.81	\$ 0.0289	10700	\$ 309.23	\$ (421.58)	-57.69%	
Sub-Total A (excluding pass through)			\$ 47,633.95			\$ 47,646.36	\$ 12.41	0.03%	
Line Losses on Cost of Power	\$ -	-	\$-	\$-	-	\$-	\$-		
Total Deferral/Variance Account Rate	¢	10,700	\$ -	¢	10.700	s -	\$ -		
Riders	\$ -	.,	φ -	÷ -		φ -	•		
CBR Class B Rate Riders	\$ -	10,700	\$-	\$-	10,700	\$-	\$-		
GA Rate Riders	\$ -	5,600,000	\$-	\$-	5,600,000	\$-	\$-		
Low Voltage Service Charge	\$ -	10,700	\$-		10,700	\$-	\$-		
Smart Meter Entity Charge (if applicable)	\$ -	1	\$-	\$-	1	\$-	\$-		
Additional Fixed Rate Riders	\$ -	1	\$-	\$-	1	\$-	\$-		
Additional Volumetric Rate Riders	\$ -	10,700	\$-	\$ -	10,700	\$-	\$-		
Sub-Total B - Distribution (includes			\$ 47,633.95			\$ 47,646.36	\$ 12.41	0.03%	
Sub-Total A)			φ 41,033.95			\$ 47,040.30	φ 12.41	0.03 /8	
RTSR - Network	\$ 3.2012	10,700	\$ 34,252.84	\$ 3.0780	10,700	\$ 32,934.33	\$ (1,318.51)	-3.85%	
RTSR - Connection and/or Line and	\$ 2.9640	10,700	\$ 31,714.80	\$ 2.8393	10,700	\$ 30,381.02	\$ (1,333.78)	-4.21%	
Transformation Connection	\$ 2.3040	10,700	φ 31,714.00	φ 2.0333	10,700	φ 30,301.02	φ (1,555.70)	-4.2170	In the manager's summary, discuss the rease
Sub-Total C - Delivery (including Sub-			\$ 113,601.59			\$ 110,961.71	\$ (2,639.88)	-2.32%	
Total B)			φ 110,001.00			φ 110,001.11	φ (2,000.00)	2:02 /0	
Wholesale Market Service Charge	\$ 0.0034	5,776,400	\$ 19,639.76	\$ 0.0034	5,776,400	\$ 19,639.76	\$ -	0.00%	
(WMSC)	¢ 0.0004	0,110,400	φ 10,000.10	φ 0.0004	0,110,400	φ 10,000.10	Ψ	0.0070	
Rural and Remote Rate Protection	\$ 0.0005	5,776,400	\$ 2,888.20	\$ 0.0005	5,776,400	\$ 2,888.20	\$ -	0.00%	
(RRRP)		0,110,400					-		
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	-	\$ 0.25		0.00%	
Average IESO Wholesale Market Price	\$ 0.1368	5,776,400	\$ 790,211.52	\$ 0.1368	5,776,400	\$ 790,211.52	\$-	0.00%	
							<u>.</u>		
Total Bill on Average IESO Wholesale Market Price		1	\$ 926,341.32	1		\$ 923,701.44			
HST	13%		\$ 120,424.37	13%		\$ 120,081.19	\$ (343.18)	-0.28%	
Ontario Electricity Rebate	33.2%		\$ -	33.2%		\$ -			
Total Bill on Average IESO Wholesale Market Price			\$ 1,046,765.69			\$ 1,043,782.62	\$ (2,983.07)	-0.28%	

RPP / Non-RPP:         Non-RPP (Other)       KW         Demand       1       kW         Current Loss Factor       1.0315         Proposed/Approved Loss Factor       1.0315	
Demand 1 kW Current Loss Factor 1.0315	
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 \$ 1.71 \$ - \$ 1.74 \$ - \$ .	
Distribution Volumetric Rate         \$         8.5357         0.5         \$         4.27         \$         8.6808         0.5         \$         4.34         \$         0.07         1.70%           Fixed Rate Riders         \$         0.05         \$         -         \$         0.02         \$         -         \$         1.70%         1.70%         \$         1.70%         \$         1.70%         1.70%         \$         1.70%         \$         . <td></td>	
Sub-Total A (excluding pass through)         \$         4.39         \$         0.00         0.03%           Line Losses on Cost of Power         \$         0.1368         8         \$         1.10         \$         0.1368         8         \$         0.00%	
Riders S - 1 S - 1 S - S -	
CBR Class B Rate Riders         \$         -         1         \$         -         5         0.0583         1         \$         (0.03)         \$	
GA Rate Riders \$ - 256 \$ - \$ 0.0052 256 \$ 1.33 \$ 1.33	
Low Voltage Service Charge \$ - 1 \$ - 1 \$ - \$ -	
Smart Meter Entity Charge (if applicable) \$ - \$ - \$ - \$ - \$ - \$	
Additional Fixed Rate Riders \$ - \$ - \$ - \$ - \$ -	
Additional Volumetric Rate Riders \$ - 1 \$ - \$ - 1 \$ - \$ - \$ -	
Sub-Total B - Distribution (includes         \$ 5.49         \$ 6.80         \$ 1.30         23.72%	
Sub-Total A)	
RTSR - Network \$ 2.1457 1 \$ 1.07 \$ 2.0631 1 \$ 1.03 \$ (0.04) -3.85%	
RTSR - Connection and/or Line and \$ 1.8729 1 \$ 0.94 \$ 1.7941 1 \$ 0.90 \$ (0.04) -4.21%	
Transformation Connection	cuss the rease
Sub-Total C - Delivery (including Sub-         \$ 7.50         \$ 8.73         \$ 1.22         16.29%	
Total B)	
Wholesale Market Service Charge         \$         0.0034         264         \$         0.90         \$         0.0034         264         \$         0.90         \$         0.00%	
(WMSC)	
Rural and Remote Rate Protection         \$         0.0005         264         \$         0.0005         264         \$         0.13         \$         -         0.00%	
(KKK7) Standard Supply Service Charge \$ 0.25 \$ - \$ 0.25 \$ - \$ -	
Standard Supply Service Charge \$ 0.25 \$ 0.1368 256 \$ 0.1368 256 \$ 35.02 \$ - 0.00%	
Total Bill on Average IESO Wholesale Market Price \$ 43.55 \$ \$ 44.78 \$ 1.22 2.81%	
HST 13% \$ 5.66 13% \$ 5.82 \$ 0.16 2.81%	
Ontario Electricity Rebate 33.2% \$ - 33.2% \$ -	
Total Bill on Average IESO Wholesale Market Price \$ 49.22 \$ 50.60 \$ 1.38 2.81%	

Customer Class: SE			CLASSIFICAT	ON						]					
RPP / Non-RPP: No															
Consumption	180	kWh													
Demand	0	kW													
Current Loss Factor	1.0315														
Proposed/Approved Loss Factor	1.0315														
	_														
	_			EB-Approve	d			-	Proposed	ł			Imp	pact	
		Rat		Volume		Charge		Rate	Volume		Charge				
	-	(\$)			•	(\$)	•	(\$)		•	(\$)	\$	Change	% Change	
Monthly Service Charge		\$	4.81	0.1	\$		\$	4.89		\$	-	\$	-	4 700/	
Distribution Volumetric Rate Fixed Rate Riders		<b>Þ</b>	15.8265 0.14	0.1	\$	1.58	\$ \$	16.0956	0.1	\$	1.61	\$ \$	0.03	1.70%	
Volumetric Rate Riders		\$ \$	0.14	0.1	\$	- 0.05	Դ Տ	0.06 0.1943	0.1	\$	- 0.02	э \$	(0.03)	-57.66%	
		\$	0.4569	0.1	э \$	1.63	Ð	0.1945	0.1	ې \$	1.63	э \$	0.03)	-57.66% 0.03%	
Sub-Total A (excluding pass through) Line Losses on Cost of Power		¢	0.1368	6	<b>ə</b> \$	0.78	\$	0.1368	6	Ŧ	0.78	<b>9</b> \$	0.00	0.03%	
Total Deferral/Variance Account Rate		Ψ	0.1300	0	Ψ	0.78	Ŷ	0.1300	U	· ·			-	0.00%	
Riders		\$	-	0	\$	-	\$	-	0	\$	-	\$	-		
CBR Class B Rate Riders		\$	-	0	\$	-	-\$	0.0605	0	s	(0.01)	\$	(0.01)		
GA Rate Riders		ŝ	-	180	ŝ	-	ŝ	0.0053	180	ŝ	0.95	ŝ	0.95		
Low Voltage Service Charge		\$	-	0	ŝ	-	*		0	ŝ	-	\$	-		
Smart Meter Entity Charge (if applicable)		ŝ	-	-	\$	-	\$		-	ŝ	-	\$	-		
Additional Fixed Rate Riders		\$	-		\$	-	ŝ			ŝ	-	\$	-		
Additional Volumetric Rate Riders		\$	-	0	\$	-	\$		0	\$	-	\$	-		
Sub-Total B - Distribution (includes					\$	2.40				\$	3.35	*	0.95	39.45%	
Sub-Total A)					Þ	2.40				э	3.30	Þ	0.95	39.45%	
RTSR - Network		\$	2.1485	0	\$	0.21	\$	2.0658	0	\$	0.21	\$	(0.01)	-3.85%	
RTSR - Connection and/or Line and		\$	1.8755	0	\$	0.19	\$	1.7966	0	\$	0.18	¢	(0.01)	-4.21%	
Transformation Connection		φ	1.8755	0	φ	0.19	9	1.7900	U	\$	0.18	φ	(0.01)	-4.21/0	In the manager's summary, discuss the reasc
Sub-Total C - Delivery (including Sub-					¢	2.81				\$	3.74	\$	0.93	33.22%	
Total B)					Ŷ	2.01				Ŷ	0.14	Ŷ	0.00	00.2270	
Wholesale Market Service Charge		\$	0.0034	186	\$	0.63	\$	0.0034	186	s	0.63	\$	-	0.00%	
(WMSC)		•					*					Ŧ			
Rural and Remote Rate Protection		\$	0.0005	186	\$	0.09	\$	0.0005	186	s	0.09	\$	-	0.00%	
(RRRP)					,					÷					
Standard Supply Service Charge		\$	0.25	400	\$	-	\$	0.25		\$	-	\$	-	0.000/	
Average IESO Wholesale Market Price		\$	0.1368	180	¢	24.62	\$	0.1368	180	\$	24.62	ð	•	0.00%	
Total Bill on Average IESO Wholesale Mar	ket Price				\$	28.15				\$	29.09	\$	0.93	3.31%	
HST			13%	.]	\$	3.66		13%		ŝ	3.78		0.12	3.31%	
Ontario Electricity Rebate			33.2%		\$	(9.35)		33.2%		\$	(9.66)	Ť	02	0.0170	
Total Bill on Average IESO Wholesale Mar	ket Price		00.270		\$	31.81		00.270		\$	32.87	\$	1.05	3.31%	
					Ť.			_		Ť		T			
												_			

Customer Class: UNMETERED : RPP / Non-RPP: RPP	SCATTERED LOAD SE	RVICE CLA	ASSIFICATI	ON			]			
Consumption 2,000	kWh									
	kW									
Current Loss Factor 1.0315										
Proposed/Approved Loss Factor 1.0315										
1.0000 antipp.0104 2000 1 40101	1									
		urrent OEB	B-Approved			Proposed		In	npact	
	Rate		Volume	Charge	Rate	Volume	Charge			
	(\$)			(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$	2.41		\$ -	\$ 2.4		\$ -	\$ -		
Distribution Volumetric Rate	\$	0.0207	2000	\$ 41.40	\$ 0.021		\$ 42.20	\$ 0.80	1.93%	
Fixed Rate Riders	\$	0.07		\$ -	\$ 0.0		\$ -	\$ -		
Volumetric Rate Riders	\$	0.0006	2000	\$ 1.20	\$ 0.000	3 2000		\$ (0.60)	-50.00%	
Sub-Total A (excluding pass through)	\$	0.1333	00	\$ 42.60	\$ 0.133	3 63	\$ 42.80 \$ 8.40		0.47% 0.00%	
Line Losses on Cost of Power Total Deferral/Variance Account Rate	\$	0.1333	63	\$ 8.40	\$ 0.133	3 63	\$ 8.40	\$-	0.00%	
Riders	\$	-	2,000	\$-	\$-	2,000	\$-	\$-		
CBR Class B Rate Riders	¢	_	2,000	\$-	-\$ 0.000	2 2,000	\$ (0.40	\$ (0.40)		
GA Rate Riders	¢		2,000	\$- \$-	\$ 0.000	2,000	\$ (0.40)	\$ (0.40)		
Low Voltage Service Charge	s	_	2,000	\$- \$-	Ψ -	2,000	\$ -	\$ -		
Smart Meter Entity Charge (if applicable)	ŝ	-	2,000	\$ -	s -	2,000	s -	\$ -		
Additional Fixed Rate Riders	s	-		\$ -	\$ -		s -	\$-		
Additional Volumetric Rate Riders	ŝ	-	2,000	\$-	š -	2,000	š -	\$-		
Sub-Total B - Distribution (includes								<b>A</b> (0.00)	0.000/	
Sub-Total A)				\$ 51.00			\$ 50.80	\$ (0.20)	-0.39%	
RTSR - Network	\$	0.0070	2,063	\$ 14.44	\$ 0.006	7 2,063	\$ 13.89	\$ (0.56)	-3.85%	
RTSR - Connection and/or Line and	\$	0.0058	2,063	\$ 11.97	\$ 0.005	6 2,063	\$ 11.46	\$ (0.50)	-4.21%	
Transformation Connection	¢	0.0056	2,063	ф II.97	\$ 0.005	2,003	ə 11.40	ъ (0.50)	-4.21%	In the manager's summary, discuss the rease
Sub-Total C - Delivery (including Sub-				\$ 77.40			\$ 76.14	\$ (1.26)	-1.63%	
Total B)				¥ 11.40			¢ 10.14	φ (1.20)	1.00 /0	
Wholesale Market Service Charge	\$	0.0034	2,063	\$ 7.01	\$ 0.003	4 2,063	\$ 7.01	\$-	0.00%	
(WMSC)	Ť		_,	•	• •••••	_,	•	Ŧ		
Rural and Remote Rate Protection	\$	0.0005	2,063	\$ 1.03	\$ 0.000	5 2,063	\$ 1.03	\$-	0.00%	
(RRRP)	¢	0.25		\$ -	\$ 0.2	e	\$ -	\$ -		
Standard Supply Service Charge TOU - Off Peak	¢	0.25	1,280	\$ - \$ 134.40	\$ 0.105		\$ 134.40	\$ - \$ -	0.00%	
TOU - Mid Peak	¢	0.1050		\$ 134.40	\$ 0.100		\$ 134.40	ъ - \$ -	0.00%	
TOU - On Peak	e e	0.2170	360		\$ 0.217				0.00%	
	<u> </u>	0.2170	500	φ 10.12	ψ 0.217	300	ψ 70.12		0.0078	
Total Bill on TOU (before Taxes)				\$ 351.97			\$ 350.71	\$ (1.26)	-0.36%	
HST		13%		\$ 45.76	13	%	\$ 45.59			
Ontario Electricity Rebate		33.2%		\$ (116.85)	33.2		\$ (116.44			
Total Bill on TOU				\$ 280.87			\$ 279.87		-0.36%	

Attachment F

1595 Work Form

## 

2018 No 2019 No

Note that vintage years 2018 and 2019 are not eligible for disposition in the current rate year application.

Version 1.0

# 1595 Analysis Workform

Step 1

fear in which this worksneet relates to	2016								
Components of the 1595 Account Balances:		Principal Balance Approved for Disposition	Carrying Charges Balance <sup>-</sup> Approved for Disposition	Fotal 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	-\$36,856	-\$170,435	3.0%
Account 1589 - Global Adjustment		\$9,622,288	\$204,142	\$9,826,430	\$9,820,825	\$5,605	\$75,959	\$81,563	0.1%
Total Group 1 and Group 2 Balances		\$5,146,404	\$259,389	\$5,405,794	\$5,533,768	-\$127,974	\$39,103	-\$88,871	-2.4%
							ce per continuity schedule:		
						Difference (any vari	iance should be explained):	\$0	

\*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 residual balances are as of April 30, 2021

# 1595 Analysis Workform

#### Step 1

Year in which this worksheet relates to	2017								
Components of the 1595 Account Balances:			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		-\$6,454,945	-\$52,173	-\$6,507,118	-\$6,379,984	-\$127,134	-\$57,488	-\$184,622	2.0%
Account 1589 - Global Adjustment		-\$493,463	-\$39,933	-\$533,396	-\$533,269	-\$127	-\$4,861	-\$4,988	0.0%
Total Group 1 and Group 2 Balances		-\$6,948,407	-\$92,107	-\$7,040,514	-\$6,913,253	-\$127,261	-\$62,349		1.8%
							ce per continuity schedule:		
						Difference (any vari	iance should be explained):	\$0	

\*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 residual balances are as of April 30, 2021

Attachment G

2021 Global Adjustment Analysis Work Form

# **GA Analysis Workform**

Version 1.9

2016

#### Account 1589 Global Adjustment (GA) Analysis Workform

Utility Name	LONDON HYDRO INC.

#### Note 1

For Account 1589,

Input cells

Drop down cells

a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis.

b) If the account was last approved on an interim basis, and

i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. OR

ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)

#### Instructions:

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the GA Analysis Workform tabs and the Principal Adjustments tab.

For example:

Scenario a - If 2018 balances were last approved on a final basis - Select 2018 and a GA Analysis Workform for 2019 will be generated.
 Scenario bi - If 2018 balances were last approved on an interim basis and there are no changes to 2018 balances - Select 2018 and a GA

Analysis Workform for 2019 will be generated.

Scenario bii - If 2018 balances were last approved on an interim basis, there are changes to 2018 balances, and 2017 balances were
last

approved for disposition - Select 2017 and GA Analysis Workforms for 2018 and 2019 will be generated.

2) Complete the GA Analysis Workform for each year generated.

3) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in one Principal Adjustments tab, depending on the year selected on the Information Sheet.

Unresolved Difference as % Adjusted Net Change in of Expected GA Net Change in Principal Principal Balance in the \$ Consumption at Payments to Unresolved Annual Net Change in Expected GA Balance from GA Analysis Balance in the GL Reconciling Items GL Difference Actual Rate Paid IESO Yea 2017 \$ 1,389,262 \$ 2,901,221 (1,463,456) \$ 1,437,765 \$ 48,503 \$ 127,194,070 0.0% ¢ (1,430,403) \$ 2018 \$ 433,297 (1,607,441) (1,174,145) \$ 256,258 99,095,711 0.3% \$ 2019 \$ 1.615.011 \$ 2 094 580 177,206 \$ 2,271,786 \$ 656,775 \$ 112,931,308 0.6% Cumulative Balance 1,573,870 \$ 5.429.098 \$ (2,893,692) \$ 2.535.406 \$ 961.536 \$ 339,221,090 \$ N/A

# **GA Analysis Workform**

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

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.

#### GA Billing Rate Note 3

GA is billed on the

1st Estimate

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

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

#### Analysis of Expected GA Amount Note 4 Year

Year	2017								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)		Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	119,753,289	124,843,558	123,172,092	118,081,822	0.06687	\$ 7,896,131	0.08227	\$ 9,714,592	\$ 1,818,460
February	114,047,729	123,172,092	125,514,594	116,390,232	0.10559	\$ 12,289,645	0.08639	\$ 10,054,952	\$ (2,234,692)
March	108,766,698	125,514,594	139,826,118	123,078,222	0.08409	\$ 10,349,648	0.07135	\$ 8,781,631	\$ (1,568,017)
April	133,526,244	139,826,118	116,670,248	110,370,375	0.06874	\$ 7,586,860	0.10778	\$ 11,895,719	\$ 4,308,859
May	116,907,900	116,670,248	116,901,540	117,139,192	0.10623	\$ 12,443,696	0.12307	\$ 14,416,320	\$ 1,972,624
June	113,634,205	116,901,540	127,535,382	124,268,046	0.11954	\$ 14,855,002	0.11848	\$ 14,723,278	\$ (131,724)
July	128,011,040	127,535,382	100,231,765	100,707,422	0.10652	\$ 10,727,355	0.11280	\$ 11,359,797	\$ 632,443
August	87,696,841	100,231,765	110,167,419	97,632,495	0.11500	\$ 11,227,737	0.10109	\$ 9,869,669	\$ (1,358,068)
September	108,353,665	110,167,419	95,360,787	93,547,034	0.12739	\$ 11,916,957	0.08864	\$ 8,292,009	\$ (3,624,948)
October	95,845,486	95,360,787	88,630,898	89,115,596	0.10212	\$ 9,100,485	0.12563	\$ 11,195,592	\$ 2,095,108
November	89,101,597	88,630,898	86,499,864	86,970,562	0.11164	\$ 9,709,394	0.09704	\$ 8,439,623	\$ (1,269,770)
December	84,594,630	86,499,864	93,692,862	91,787,628	0.08391	\$ 7,701,900	0.09207	\$ 8,450,887	\$ 748,987
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	1,300,239,323	1,355,354,264	1,324,203,568	1,269,088,627		\$ 125,804,808		\$ 127,194,070	\$ 1,389,262

Yes

Calculated Loss Factor 1.0328

Most Recent Approved Loss Factor for Secondary Metered

Customer < 5,000kW 1.0315 Difference

0.0013

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.

#### b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

#### Note 5 Reconciling Items

	Item	Amount	Explanation		Principal Adjustments
Net Cha	nge in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 2,901,221		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ (62,426)	CT 142 True-up: 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.		which was not adjusted, therefore should includ
1t	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ (5,067)	CT 142 true-up: Preliminary quantity variance and final price variance were accrued at the end of Year 2017. This is the difference between the estimated and final quantity variance in the RPP Settlement true up completed in the	Yes	Rolls fwd to next year, adjusting both years.
28	Remove prior year end unbilled to actual revenue differences	\$ 331,737	Reversal of over accrual in prior year	No	which was not adjusted, therefore should include
21	Add current year end unbilled to actual revenue differences	\$ 216,917	Over accrued for current year	Yes	
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	t			
	Differences in GA IESO posted rate and rate charged on IESO invoice		GA prior year charges invoiced by the IESO for years 2011-2016 - Non-RPP portion	No	Include in proposed disposition value.
8	Differences in actual system losses and billed TLFs Others as justified by distributor		Difference in wholesale (purchased) and billed quantities (billed uplifted with Board approved TLF) prorated to	No	s part of the variance, include in proposed dispo
	New Comm Acctg Guidance - switch from Method B Final true-up of CT 148 RPP portion		CT 148 GA cost and CT 142 GA credit related to RPP portion, to be moved to 1588 per New Commodity Final true-up of CT 148 GA cost related to RPP portion based on finalized billing database, to be moved to 1588	Yes Yes	in 2019 g/l in 2020 g/l

Note 6	Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per	\$	1,437,765
	Analysis Unresolved Difference Unresolved Difference as % of Expected GA Payments to	\$ \$	1,389,262 48,503
	IESO		0.0%

# **GA Analysis Workform**

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

Year		2018		
Total Metered excluding WMP	C = A+B	3,200,858,263	kWh	100%
RPP	A	1,593,339,762	kWh	49.8%
Non RPP	B = D+E	1,607,518,501	kWh	50.2%
Non-RPP Class A	D	560,302,675	kWh	17.5%
Non-RPP Class B*	E	1,047,215,826	kWh	32.7%

\*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

2010

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

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

#### Note 4 Analysis of Expected GA Amount

fear	2018								
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, Adjusted 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	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	93,705,140	93,692,862	96,744,705	96,756,983	0.08777	\$ 8,492,360	0.06736	\$ 6,517,550	\$ (1,974,810)
February	91,245,046	96,744,705	89,269,768	83,770,109	0.07333	\$ 6,142,862	0.08167	\$ 6,841,505	\$ 698,643
March	91,777,304	89,269,768	88,218,222	90,725,758	0.07877	\$ 7,146,468	0.09481	\$ 8,601,709	\$ 1,455,241
April	87,415,633	88,218,222	86,286,149	85,483,560	0.09810	\$ 8,385,937	0.09959	\$ 8,513,308	\$ 127,371
May	87,291,318	86,286,149	91,016,959	92,022,128	0.09392	\$ 8,642,718	0.10793	\$ 9,931,948	\$ 1,289,230
June	89,260,694	91,016,959	95,084,506	93,328,241	0.13336	\$ 12,446,254	0.11896	\$ 11,102,328	\$ (1,343,927)
July	96,642,921	95,084,506	98,228,852	99,787,267	0.08502	\$ 8,483,913	0.07737	\$ 7,720,541	\$ (763,373)
August	98,617,715	98,228,852	104,296,328	104,685,191	0.07790	\$ 8,154,976	0.07490	\$ 7,840,921	\$ (314,056)
September	101,733,947	104,296,328	93,012,657	90,450,276	0.08424	\$ 7,619,531	0.08584	\$ 7,764,252	\$ 144,720
October	96,542,277	93,012,657	81,006,045	84,535,665	0.08921	\$ 7,541,427	0.12059	\$ 10,194,156	\$ 2,652,729
November	80,833,863	81,006,045	81,412,929	81,240,747	0.12235	\$ 9,939,805	0.09855	\$ 8,006,276	\$ (1,933,530)
December	77,056,694	81,412,929	86,220,343	81,864,108	0.09198	\$ 7,529,861	0.07404	\$ 6,061,219	\$ (1,468,642)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	1,092,122,552	1,098,269,982	1,090,797,463	1,084,650,033		\$ 100,526,114		\$ 99,095,711	\$ (1,430,403)

Yes

Calculated Loss Factor 1.0357

Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW

< 5,000kW 1.0315
Difference 0.0042</pre>

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.

#### b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

#### Note 5 Reconciling Items

	Item	Amount	Explanation		Principal Adjustments
	ge in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 433,297		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 5,067	CT 142 True-up: Preliminary quantity variance and final price variance were accrued at the end of Year 2017. This is the reversal of the difference between the estimated and final quantity variance in the RPP Settlement true up.		
	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ (35,068)	CT 142 true-up: Preliminary quantity variance and final price variance were accrued at the end of Year 2018. This is the difference between the estimated and final quantity variance in the RPP Settlement true up completed in the	Yes	
2a	Remove prior year end unbilled to actual revenue differences	\$ (216,917)	Reversal of over accrual in prior year	Yes	
	Add current year end unbilled to actual revenue differences	\$ (369,372)	Under accrued for current year	Yes	
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers				
	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	t			
6	Differences in GA IESO posted rate and rate charged on IESO invoice				s part of the variance, include in proposed dispo
8	Differences in actual system losses and billed TLFs Others as justified by distributor				s part of the variance, include in proposed dispo
	New Comm Acctg Guidance - switch from Method B Final true-up of CT 148 RPP portion			Yes Yes	in 2019 g/l in 2020 g/l

Note 6	Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per	\$	(1,174,145)
	Analysis Unresolved Difference Unresolved Difference as % of Expected GA Payments t	\$ \$ to	(1,430,403) 256,258
	IESO		0.3%

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# **GA Analysis Workform**

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

Year		2019		
Total Metered excluding WMP	C = A+B	3,105,484,148	kWh	100%
RPP	A	1,554,894,976	kWh	50.1%
Non RPP	B = D+E	1,550,589,172	kWh	49.9%
Non-RPP Class A	D	544,777,057	kWh	17.5%
Non-RPP Class B*	E	1,005,812,115	kWh	32.4%

\*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

2010

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

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

### Note 4 Analysis of Expected GA Amount

fear	2019								
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, Adjusted 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	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	86,483,674	86,220,343	88,767,515	89,030,846	0.06741	\$ 6,001,569	0.08092	\$ 7,204,376	\$ 1,202,807
February	84,784,886	88,767,515	82,151,343	78,168,714	0.09657	\$ 7,548,753	0.08812	\$ 6,888,227	\$ (660,526)
March	83,756,982	82,151,343	82,863,195	84,468,834	0.08105	\$ 6,846,199	0.08041	\$ 6,792,139	\$ (54,060)
April	80,237,252	82,863,195	79,485,925	76,859,982	0.08129	\$ 6,247,948	0.12333	\$ 9,479,142	\$ 3,231,194
May	79,911,739	79,485,925	79,926,863	80,352,677	0.12860	\$ 10,333,354	0.12604	\$ 10,127,651	\$ (205,703)
June	78,768,962	79,926,863	86,713,484	85,555,583	0.12444	\$ 10,646,537	0.13728	\$ 11,745,070	\$ 1,098,534
July	88,298,450	86,713,484	102,807,637	104,392,603	0.13527	\$ 14,121,187	0.09645	\$ 10,068,667	\$ (4,052,521)
August	101,445,321	102,807,637	98,949,768	97,587,452	0.07211	\$ 7,037,031	0.12607	\$ 12,302,850	\$ 5,265,819
September	98,116,708	98,949,768	85,009,440	84,176,380	0.12934	\$ 10,887,373	0.12263	\$ 10,322,549	\$ (564,824)
October	88,933,547	85,009,440	82,899,289	86,823,396	0.17878	\$ 15,522,287	0.13680	\$ 11,877,441	\$ (3,644,846)
November	73,180,756	82,899,289	92,258,822	82,540,289	0.10727	\$ 8,854,097	0.09953	\$ 8,215,235	\$ (638,862)
December	90,122,336	92,258,822	86,976,751	84,840,265	0.08569	\$ 7,269,962	0.09321	\$ 7,907,961	\$ 637,999
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	1,034,040,613	1,048,053,624	1,048,810,032	1,034,797,021		\$ 111,316,297		\$ 112,931,308	\$ 1,615,011

Yes

Calculated Loss Factor 1.0288

Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW 1

r < 5,000kW 1.0315 Difference -0.0027

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.

#### b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

#### Note 5 Reconciling Items

Item	Amount	Explanation		Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 2,094,580		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
CT 148 True-up of GA Charges based on Actual Non-RPP 1a Volumes - prior year	\$ 35,068	CT 142 True-up: Preliminary quantity variance and final price variance were accrued at the end of Year 2018. This is the reversal of the difference between the estimated and final quantity variance in the RPP Settlement true up.		
CT 148 True-up of GA Charges based on Actual Non-RPP 1b Volumes - current year		Final true-up of CT 148 GA cost related to RPP portion based on finalized billing database, to be moved to 1588 per New Commodity Accounting Guidance - booked in 2020	Yes	
2a Remove prior year end unbilled to actual revenue differences	\$ 369,372	Reversal of under accrual in prior year	Yes	
2b Add current year end unbilled to actual revenue differences Remove difference between prior year accrual/unbilled to	\$ (28,834)	Under accrued for current year	Yes	
3a actual from load transfers Add difference between current year accrual/unbilled to 3b actual from load transfers				
Significant prior period billing adjustments recorded in current 3 year				
4 Differences in actual system losses and billed TLFs 5 CT 2148 for prior period corrections 6 Others as justified by distributor	\$ (386,578)	Difference in wholesale (purchased) and billed quantities (billed uplifted with Board approved TLF) prorated to	No	art of the variance, include in proposed disposit
7 New Comm Acctg Guidance - switch from Method B Differences in GA IESO posted rate and rate charged on	\$ 1,019,963	Reversal of CT 148 GA cost and CT 142 GA credit related to RPP portion, moved to 1588 per New Commodity	Yes	
8 IESO invoice	\$ (335,937)	Difference between IESO paid GA rate and published Final GA Rate	No	art of the variance, include in proposed dispositi
10				

Note 6	Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per	\$	2,271,786
	Analysis	\$	1.615.011
	Unresolved Difference	э S	656.775
	Unresolved Difference as % of Expected GA Payments		050,775
	IESO		0.6%

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## GA Analysis Workform -Account 1588 and 1589 **Principal Adjustment Reconciliation**

#### Note 7 Breakdown of principal adjustments included in last approved balance:

Account 1589 - RSVA Global Adjustment					
		Explanation if not to			
	To be reversed in	be reversed in current			
Amount	current application?	application			
-					
-					
	Amount	Amount To be reversed in current application?			

Account 1588 - RSVA Power					
Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application		
1					
2					
3					
4					
5					
6					
7					
8					
Total					
Total principal adjustments included in last approved balance					
Difference	-				

#### Note 8 Principal adjustment reconciliation in current application

Notes
1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule)
3) The Variance RRR vs. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

	Account 1589 - RSVA Global Adjust	Account 1589 - RSVA Global Adjustment							
Year	Adjustment Description	Amount	Year Recorded in GL						
2017	Reversals of prior approved principal adjustments (auto-populated from table above)								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	Total Reversal Principal Adjustments								
2017	Current year principal adjustments								
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes								
	2 Unbilled to actual revenue differences	216,917	2018						
	3 CT 142 true-up (GA Methodology B)	(5,067)	2018						
	4 New Comm Acctg Guidance - switch from Method B	(664,343)	2019						
	5 Final true-up of CT 148 RPP portion	(130,333)	2020						
	6								
	7								
	8								
	Total Current Year Principal Adjustments	(582,826)							
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(582,826)							

	Account 1588 - RSVA Power		
			Year Recorded in
Year	Adjustment Description	Amount	GL
2017	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustmen	ts -	
2017	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals	(560,700)	
	3 Unbilled to actual revenue differences	651,035	2018
	4 New Comm Acctg Guidance - switch from Method B	664,343	2019
	5 Final true-up of CT 148 RPP portion	130,333	2020
	6 New Comm Acctg Guidance (Ph2) - Final true-up of CT 142	(410,928)	2020
	7		
	8		
	Total Current Year Principal Adjustmen		
	Total Principal Adjustments to be Included on DVA Continuity Schedu	le 474,083	

	Account 1589 - RSVA Global Adjustment						
Year		Adjustment Description	Amount	Year Recorded in GL			
2018	Reversals	s of prior year principal adjustments					
	1	Reversal of prior year CT-148 true-up of GA Charges based on actual Non-RPP volumes					
		Reversal of Unbilled to actual revenue differences	(216,917)	2017			
	3	Reversal of CT 142 True-up (GA Method B)	5,067	2017			
	4						
	5						
	6						
	7						
	8						
		Total Reversal Principal Adjustments	(211,850)				
2018		ear principal adjustments					
		CT 148 true-up of GA Charges based on actual Non-RPP volumes					
		Unbilled to actual revenue differences	(369,372)	2019			
		CT 142 true-up (GA Methodology B)	(35,068)	2019			
		New Comm Acctg Guidance - switch from Method B	(355,619)	2019			
	5	Final true-up of CT 148 RPP portion	(195,021)	2020			
	6						
	7						
	8						
		Total Current Year Principal Adjustments	(955,081)				
	Total P	rincipal Adjustments to be Included on DVA Continuity Schedule	(1,166,931)				

	Account 1588 - RSVA Power		
			Year Recorded i
Year	Adjustment Description	Amount	GL
2018	Reversals of prior year principal adjustments		
	1 Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
	2 Reversal of CT 1142 true-up based on actuals	560,700	2017
	3 Reversal of Unbilled to actual revenue differences	(651,035)	2017
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(90,335)	
2018	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals	(94,000)	2019
	3 Unbilled to actual revenue differences	(93,854)	2019
	4 New Comm Acctg Guidance - switch from Method B	355,619	2019
	5 Final true-up of CT 148 RPP portion	195,021	2020
	6 New Comm Acctg Guidance (Ph2) - Final true-up of CT 142	33,549	2020
	7		
	8		
	Total Current Year Principal Adjustments	396,335	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	306,000	

		Account 1589 - RSVA Global Adjustment												
Year		Adjustment Description	Amount	Year Recorded in GL										
2019	Reversal	s of prior year principal adjustments		· ·										
	1	Reversal of prior year CT-148 true-up of GA Charges based on actual												
	2	Reversal of Unbilled to actual revenue differences	369,372	2018										
	3	Reversal of CT 142 True-up (GA Method B)	35,068	2018										
	4	Reversal New Acct Guidance - switch from Method B	664,343	2017										
	5	Reversal New Acct Guidance - switch from Method B	355,619	2018										
	6													
	7													
	8													
		Total Reversal Principal Adjustments	1,424,403											
2019	Current y	ear principal adjustments												
	1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	(495,848)	2020										
	2	Unbilled to actual revenue differences	(28,834)	2020										
	3													
	4													
	5													
	6													
	7													
	8													
		Total Current Year Principal Adjustments	(524,682)											
	Total P	rincipal Adjustments to be Included on DVA Continuity Schedule	899,721											

	Account 1588 - RSVA Power		
			Year Recorded in
Year	Adjustment Description	Amount	GL
2019	Reversals of prior year principal adjustments		
	1 Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
	2 Reversal of CT 1142 true-up based on actuals	94,000	2018
	3 Reversal of Unbilled to actual revenue differences	93,854	2018
	4 Reversal New Acct Guidance - switch from Method B	(664,343)	2017
	5 Reversal New Acct Guidance - switch from Method B	(355,619)	2018
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(832,109)	
2019	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	495,848	2020
	2 CT 1142 true-up based on actuals	(126,132)	2020
	3 Unbilled to actual revenue differences	(360,621)	2020
	4 New Comm Acctg Guidance (Ph2) - Final true-up of CT 142	(40,867)	2020
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(31,772)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(863,881)	

Attachment H

**LRAMVA Work Form** 

Ontario	Energy Board					
Ontario			LRAMVA Work Form:			
			Summary Tab		Version	5.0 (2021)
Legend	User Inputs (Green)					
	Auto Populated Cells (White) Instructions (Grey)					
LDC Name	London Hydro Inc.					
Application Details						
Please fill in the requested inform	ation: a) the amounts approved i	in the previous LRAMVA applica	tion, b) details on the current application, and c) documentation of changes if applicable.			
A. Previous LRAMVA Applica	ion		B. Current LRAMVA Application		C. Documentation of Changes	
Previous LRAMVA Application (E	B#)	EB-2018-0051	Current LRAMVA Application (EB#)	EB-2020-0038	Original Amount	
Application of Previous LRAMVA	Claim	2019 IRM Application	Application of Current LRAMVA Claim	2021 IRM Application	Amount for Final Disposition	

2017

\$

\$

\$

\$

1,496,097

644,390

53,338

905,045

А

в

С

A-B+C

Period of New LRAMVA in this Application

Period of Rate Recovery (# years)

Actual Lost Revenues (\$)

Carrying Charges (\$)

Forecast Lost Revenues (\$)

LRAMVA (\$) for Account 1568

#### Table 1-a. LRAMVA Totals by Rate Class

Period of LRAMVA Claimed in Previous Application

Amount of LRAMVA Claimed in Previous Application

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.

853,739.86

2016

\$

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	\$524,834	\$32,868	\$557,702
GS<50 kW	kWh	\$74,494	\$4,665	\$79,159
General Service 50 - 4,999 kW	kW	\$457,439	\$28,647	\$486,087
Co-Generation 1,000 - 4,999 kW	kW	\$26,030	\$1,630	\$27,660
Large User	kW	-\$100,757	-\$6,310	-\$107,067
Street Lighting	kW	-\$130,334	-\$8,162	-\$138,496
Sentinel Lighting	kW	\$0	\$0	\$0
Unmetered Scattered Load	kWh	\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$851,706	\$53,338	\$905,045

#### Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

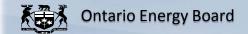
In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including 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 not 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	0	0	0	0	0	0	
2011 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast	<b></b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2013 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast	<b></b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2014 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2015 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2016 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast	L	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2017 Actuals		\$616,425.22	\$368,030.76	\$485,610.89	\$26,029.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,496,096.54
2017 Forecast		(\$91,591.26)	(\$293,536.66)	(\$28,171.39)	\$0.00	(\$100,757.07)	(\$130,333.73)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$644,390.11)
Amount Cleared																
2018 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Forecast	•	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2019 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2020 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
Carrying Charges		\$32,867.73	\$4,665.19	\$28,647.15	\$1,630.11	(\$6,309.91)	(\$8,162.15)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$53,338.12
Total LRAMVA Balance		\$557.702	\$79.159	\$486.087	\$27.660	-\$107.067	-\$138.496	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$905,045

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.

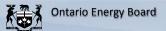
No.	Tab	Cell Reference	Description	Rationale
			Rows added to accommodate the "Home Depot Home Appliance Market Uplift	London Hydro had energy savings resulted from this program, and the programs savings needed to
1	5. 2015-2020 LRAM	Rows 278 and 279	Conservation Fund Pilot Program", which was not listed in the worksheet	be added to the worksheet under "Conservation Fund" programs
2	5. 2015-2020 LRAM	Cell N322	Changed Monthly Multiplier from 12 to 5	Peak Demand Savings would occur predominantly in the warmer months
3	5. 2015-2020 LRAM	Row 123	Row added to reflect adjustments to the "Save on Energy Retrofit Program" listed in the Participation and Cost Report (P&C Rep)	London Hydro had energy savings resulted from this program, and the programs savings adjustment for Year 2015 needed to be added to the worksheet
4	5. 2015-2020 LRAM	Row 310	Row added to reflect adjustments to the "Save on Energy Retrofit Program" listed in the Participation and Cost Report (P&C Rep)	London Hydro had energy savings resulted from this program, and the programs savings adjustment for Year 2016 needed to be added to the worksheet
5	5. 2015-2020 LRAM	Rows 479-481	Rows added to accommodate the 2017 "Save on Energy Instant Discount 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 First Framework" Residential Province-Wide programs
6	5. 2015-2020 LRAM	Rows 569-575	Rows added to accommodate the "Save on Energy Energy Performance Program for Multi- Site Customers" and the "Whole Home Pilot Program", which were not listed in the worksheet	London Hydro had energy savings resulted from these programs, and the programs savings needed to be added to the worksheet under "Conservation First Framework" Centrally Delivered Programs
7	5. 2015 2020 ENAM	10003 505 575	worksheet	
8				
9				
10				
etc.				

## Table A-2. Updates to LRAMVA Disposition

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

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



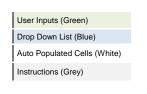


# LRAMVA Work Form:

**Forecast Lost Revenues** 

Version 5.0 (2021)

Legend			



2013

2017

Table 2-a. LRAMVA Threshold

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

	Total	Residential	GS<50 kW	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	0.0	0.0	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	0	0	0	0
								•							

Years Included in Threshold

Source of Threshold 2013 Settlement Agreement (EB-2012-0146), p. 21

#### Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-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	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	0.0	0.0	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	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	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0	0	0	0	0
2014	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0	0	0	0	0
2015	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0	0	0	0	0
2016	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0	0	0	0	0
2017	2017	9,641,185	27,433,333	10,470	0	44,917	15,680	0	0	0	0	0	0	0	0
2018	2017	9,641,185	27,433,333	10,470	0	44,917	15,680	0	0	0	0	0	0	0	0
2019	2017	9,641,185	27,433,333	10,470	0	44,917	15,680	0	0	0	0	0	0	0	0

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

## LRAMVA Work Form: Distribution Rates

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

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

	Billing Unit	EB-2009-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-2019-0052	EB-2020-0038
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	10	4
Period 2 (# months)		8	8	8	8	8	8	8	8	8	8	2	8
Residential						\$ 0.0157	\$ 0.0159	\$ 0.0121	\$ 0.0082	\$ 0.0041	\$ -	\$-	
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		\$-	\$ -	\$ -	s -	\$ 0.0157						\$ -	
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	\$ 0.0110	\$ 0.0112	
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh											\$ 0.0002	
Other - ACM Rate Rider		-		-	-					\$ 0.0001			
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ 0.0101							
Calendar year equivalent			\$-	\$-	\$-	\$ 0.0067	\$ 0.0102	\$ 0.0103	\$ 0.0107	\$ 0.0109	\$ 0.0111	\$ 0.0112	
General Service 50 - 4,999 kW						\$ 2.5426	\$ 2.5795		\$ 2.7202	\$ 2.7488	\$ 2.7818	\$ 2.8291	
Rate rider for tax sharing								\$ 0.0015					
Rate rider for foregone revenue	kW									<b>A A A A A A A A A A</b>		\$ 0.0473	
Other - ACM Rate Rider Adjusted rate		\$ -	\$ -	\$ -	s -	\$ 2.5426	\$ 2.5795	\$ 2.6313	\$ 2.7202	\$ 0.0347 \$ 2.7835			
Calendar year equivalent		ф -	\$- \$-	\$ -		\$ 2.5426 \$ 1.6951							
Co-Generation 1,000 - 4,999 kW Rate rider for tax sharing						\$ 4.2629	\$ 4.3247	\$ 4.4090 \$ 0.0016	\$ 3.7573	\$ 3.7968	\$ 3.8424	\$ 3.9077	-
Rate rider for foregone revenue	kW											\$ 0.0653	
Other - ACM Rate Rider			•	•	•	<b>A</b> 10000	A		<b>A</b> 0.7570	\$ 0.0480			
Adjusted rate Calendar year equivalent		\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ 4.2629 \$ 2.8419							
calendar year equivalent			ə -	<b>ə</b> -	ə -	\$ 2.0419	\$ 4.3041	ə 4.3020	\$ 3.9751	\$ 3.0150	\$ 3.6752	\$ 3.9122	
Large User Rate rider for tax sharing						\$ 2.1274	\$ 2.1582	\$ 2.2003 \$ 0.0017	\$ 2.2638	\$ 2.2876	\$ 2.3151		
Rate rider for foregone revenue	kW											\$ 0.0394	
Other - ACM Rate Rider										\$ 0.0289			
Adjusted rate		\$-	\$ -	\$ -	s -	\$ 2.1274							
Calendar year equivalent			\$-	\$-	\$-	\$ 1.4183	\$ 2.1479	\$ 2.1874	\$ 2.2432	\$ 2.2989	\$ 2.3348	\$ 2.3571	
Street Lighting						\$ 8.2320	\$ 8.3514		\$ 8.2073	\$ 8.2935	\$ 8.3930	\$ 8.5357	
Rate rider for tax sharing								\$ 0.0074					
Rate rider for foregone revenue	kW											\$ 0.1427	
Other - ACM Rate Rider	_	¢	¢	s -	s -	¢ 0.0000	¢ 0.0511	¢ 0.5017	¢ 0.0070	\$ 0.1048			
Adjusted rate Calendar year equivalent		\$ -	\$ - \$ -	\$- \$-	\$ - \$ -	\$ 8.2320 \$ <b>5.4880</b>							
Sentinel Lighting						\$ 11.1031	\$ 11.2641	\$ 11.4837	\$ 15.2176	\$ 15.3774	\$ 15.5619	\$ 15.8265	
Rate rider for tax sharing								\$ 0.0106					
Rate rider for foregone revenue	kW											\$ 0.2646	
Other - ACM Rate Rider	_									\$ 0.1943		\$ 0.1943	
Adjusted rate		\$ -	\$ -	\$ -	s -	\$ 11.1031							
Calendar year equivalent			\$-	\$-	\$-	\$ 7.4021	\$ 11.2104	\$ 11.4176	\$ 13.9765	\$ 15.4537	\$ 15.6947	\$ 15.8444	
Unmetered Scattered Load Rate rider for tax sharing						\$ 0.0174	\$ 0.0177	\$ 0.0180	\$ 0.0200	\$ 0.0202	\$ 0.0204	\$ 0.0207	
Rate rider for foregone revenue	kWh											\$ 0.0003	
Other - ACM Rate Rider										\$ 0.0003	\$ 0.0003		
Adjusted rate	1	\$ -	\$-	\$-	\$-	\$ 0.0174	\$ 0.0177	\$ 0.0180	\$ 0.0200	\$ 0.0205	\$ 0.0207	\$ 0.0213	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ 0.0116	\$ 0.0176	\$ 0.0179	\$ 0.0193	\$ 0.0203	\$ 0.0206	\$ 0.0208	

						1		1													
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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 link 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	0	0	0	0	0	0
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$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	\$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	\$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	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0158	\$0.0102	\$2.5672	\$4.3041	\$2.1479	\$8.3116	\$11.2104	\$0.0176	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0134	\$0.0103	\$2.6140	\$4.3820	\$2.1874	\$8.4649	\$11.4176	\$0.0179	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0095	\$0.0107	\$2.6906	\$3.9751	\$2.2432	\$8.3121	\$13.9765	\$0.0193	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0055	\$0.0109	\$2.7624	\$3.8156	\$2.2989	\$8.3346	\$15.4537	\$0.0203	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0014	\$0.0111	\$2.8055	\$3.8752	\$2.3348	\$8.4646	\$15.6947	\$0.0206	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

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

## LRAMVA Work Form: Determination of Rate Class Allocations

# Version 5.0 (2021)

#### Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supporting documentation and rationale for its proposal. This should be shown by customer class and program each year.

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#### LRAMVA Work Form:

#### 2011 - 2014 Lost Revenues Work Form

Logond

Auto Populated Cells (White) Instructions (Grey)

User Inputs (Green)

Instructions

Tables

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 tost revenues from the 2011-2014 period. Please input or manually link the sawings, adjustments and program sawings pensitience data is available from the LDCs Pensitence Reports provided by the LESO (in Tab 7). As noted earlier, pensitence data is available upon request from the LESO. Please also be added that the same read casses (but to 10 also carried over from the Summary Tab 1.

2. Please ensure that the ESO welfield savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the ESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be diamed in future years, past years initiable level savings needs 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 on the California area considered to be filled.

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 OEE's updated LRAM policy related to peak demand savings in EB-2016-0132. Demand Response (DR3) savings should generally not be included with the LRAM A calculation, unless apported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder walks are provided. It is different nonthiny multipliers are included with the 1 Ta 1 and trightight in ever wultiplier that has been used.

4. IDC are requested to input the applicable rate dass 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 saving adjustments. LiCCs multiprovide supports granitional in Tab 1 and holighigh 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.

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Table 4-a. 2011 Lost Revenues Work Form

	Results	Net Energy Savings (kWh)				Net Energy S	avings Pers	istence (kWI	h)			Monthly	Net Demand Savings (kW)			Net Pea	k Demand S	avings Per	sistence (kW	)					Rate Allo	ations for LRAM	IVA			Ę
Program	Status	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Multiplier	2011	2012	2013	2014	2015	2016 2	017 201	8 201	9 2020	Residential	GS<50 kW		1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	
nsumer Program oliance Retirement ustment 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	kWh 100.00% 100.00%	kWh 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	KW 0.00%	kW 0.00%	kWh 0.00%	
liance Exchange istment 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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
C Incentives stment to 2011 savings	Verified True-up	1,901,868 -245,124			1,901,868 -245,124								1,052 -137	1,052 -137	1,052 -137	1,052 -137	1,052 -137		.052 1,05 137 -13	i2 1,08 7 -13	52 1,052 7 -137	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ervation Instant Coupon Booklet trment to 2011 savings	Verified True-up	512,644 7,528	512,644 7,528	512,644 7,528	512,644 7,528	471,654 7,528	426,873 6,878	334,117 4,220	331,974 4,214	417,744 4,214	160,312 1,493		32 0	32 0	32 0	32 0	30 0		24 23 0 0	27 0		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nual Retailer Event trment to 2011 savings	Verified True-up	802,521 59,625	802,521 59,625	802,521 59,625	802,521 59,625	733,445 59,625	657,982 54,182	496,077 29,252	494,267 29,246	638,806 29,246	204,987 6,452		46 3	46 3	46 3	46 3	43 3		32 32 2 2			100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ler Co-op stment to 2011 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
lential Demand Response stment to 2011 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ential Demand Response (IHD) tment to 2011 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
dential New Construction stment to 2011 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ness Program ofit stment to 2011 savings	Verified True-up	5,260,353 297,630	5,260,353 297,630	5,260,353 297,630	5,224,701 282,789		3,995,993 247,873	3,496,931 220,043	3,223,770 220,043	2,853,945 200,292		12 12	1,034 56	1,034 56	1,034 56	1,024 52			340 584 37 37		0 500 9 32	0.00%	8.2% 8.20%	<b>91.8%</b> 91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	
t Install Lighting stment to 2011 savings	Verified True-up	145,929 23,308	145,809 23,308	145,809 23,308	133,724 5,599	133,724 5,599	133,695 5,599	25,775 669	25,775 669	25,775 669	25,775 669	12 12	56 9	56 9	56 9	52 2	52 2	51 2	9 9 0 0	9	9	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
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gy Audit stment to 2011 savings	Verified True-up	237,585	237,585	237,585	237,585	226,586	0	0	0	0	0	12 12	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%	
I Commercial Demand Response stment to 2011 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
all Commercial Demand Response (IHD)	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
and Response 3 Istment 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%	<b>100.00%</b>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
strial Program ass & System Upgrades atment to 2011 savings	Verified											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
itoring & Targeting istment to 2011 savings	Verified True-up						[					12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
gy Manager stment to 2011 savings	Verified True-up											12 12		-								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ofit stment 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 12	128	128	128	127	127	127	111 104	1 86	86	0.00%	<b>8.2%</b> 8.20%	<b>91.8%</b> 91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	
and Response 3 itment 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%	<b>100.00%</b>	0.00%	0.00%	0.00%	0.00%	0.00%	
e Assistance Program Assistance Program	Verified																					0.00%	0.000/	0.00%	0.00%	0.00%	0.007	0.000/	0.00%	
Itment to 2011 savings	True-up			1				1						1								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
e Assistance Program stment to 2011 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

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ŀ	Adjustment to 2011 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Pre-2011 Programs completed in 2011 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 12	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359 1,359	0.00%	<b>8.2%</b> 8.20%	<b>91.8%</b> 91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
	High Performance New Construction Adjustment to 2011 savings	Verified True-up	865,905 -33,545	865,905 -33,545	865,905 -33,545		865,905 -33,545	865,905 -33,545	865,905 -33,545	865,905 -33,545	865,905 -33,545	865,905 -33,545	12 12	169 -2	169 169 -2 -2	0.00%	8.2% 8.20%	<b>91.8%</b> 91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	100%							
	Toronto Comprehensive Adjustment to 2011 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	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%
<u>30</u>	LDC Custom Programs Adjustment to 2011 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Other Program Enabled Savings Adjustment to 2011 savings	Verified True-up											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										0.00%	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 Forecast CDM Savings in 2011		21,481,917	21,337,331	21,337,33	1 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	4,057,581 0	1,809,423 0	30,230 0	0	0	0	0	0	
1	Distribution Rate in 2011 Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011 LRAMVA in 2011	8																					\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00	\$0.00000 <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00
	2011 Savings Persisting in 2012 2011 Savings Persisting in 2013 2011 Savings Persisting in 2014 2011 Savings Persisting in 2014 2011 Savings Persisting in 2016 2011 Savings Persisting in 2018 2011 Savings Persisting in 2018 2011 Savings Persisting in 2018 2011 Savings Persisting in 2020																						4,057,581 4,057,581 4,039,528 3,569,755 2,802,660 2,520,409 2,516,445 2,746,754 2,029,988	1,790,291 1,790,291 1,756,114 1,672,837 1,414,882 1,253,743 1,229,572 1,192,428 1,192,428	30,230 30,230 30,076 28,215 27,118 25,482 24,786 23,615 23,615						

Table 4-b 2012 Lost Revenues Work Form Net Energy Savings (kWh) Net Energy Savings Persistence (kWh) Net Peak Demand Savings Persistence (kW) Rate Allocations for LRAMVA Net Demand Savings (kW) Results Status Program Monthly Multiplier 2018 2019 2020 2021 2013 2014 2015 2016 2017 2018 2019 2020 2021 Street Lighting Unmetered Scattered Load 2014 2015 2016 2017 2012 GS<50 kW General Service 50 - 4,999 kW Co-Generation 1,000 - 4,999 kW Sentinel Lighting 2012 2013 Total Large User umer Program PW/ MA M/h 855,873 855,873 855,873 833,428 466,328 0 0 0 0 0 179 179 179 154 61 0 0 0 0 100.00% 100% 1 Appliance Retiremen Verified True-up Adjustment to 2012 savings 100.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 2 Appliance Exchange 17,215 17,215 17,163 0 0 0 0 0 10 10 10 10 0 0 0 0 0 100.00% Verified True-up 100% Adjustment to 2012 savings 0.00% 0.00% 0.00% 0.00% 0.00% 3 HVAC Incentives Verified True-up 1,100,981 1,100, 652 100.00% 7 100.00% 100% 652 652 652 652 652 652 652 652 652 7 7 7 7 7 Adjustment to 2012 savings 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 4 Conservation Instant Coupon Booklet Verified True-up 38,182 38,182 38,182 38,182 37,609 37,609 17,710 17,612 17,612 17,612 6 5 5 5 100.00% 100% Adjustment to 2012 savings 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 5 Bi-Annual Retailer Event 731.361 731.361 731.361 731.361 657.447 534.598 364.651 363.893 363.893 184.830 40 37 31 23 23 23 15 Verified True-up 40 40 100.00% 100% Adjustment to 2012 savings 0.00% 0.00% 0.00% 6 Retailer Co-op Verified True-up 0% Adjustment to 2012 savings 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 7 Residential Demand Response Verified True-up 0% Adjustment to 2012 savings 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 8 Residential Demand Response (IHD) Verified True-up 0% Adjustment to 2012 savings 0.00% 0.00% 0.00% 9 Residential New Construction Verified True-up 0% Adjustment to 2012 saving 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Business Program 10 Retrofit Adjustment to 2012 savings 10,433,795 10,191,232 9,970,145 9,212,345 9,212,345 8,677,299 8,489,688 8,489,688 8,313,162 6,393,104 12 1,433,256 1,356,880 1,348,251 1,314,150 1,142,342 1,113,147 1,113,147 1,105,832 928,594 12 8.2% 8.20% 91.8% 91.80% 100% Verified True-up 2,148 2,078 2,010 1,778 1,778 1,615 1,590 1,590 269 246 244 237 187 183 183 1,548 1,199 0.00% 0.00% 0.00% 0.00% 11 Direct Install Lighting Adjustment to 2012 savings Verified True-up 228,414 23.807 228,414 217,603 190,952 190,007 53,569 53,569 53,569 53,569 53,569 23,807 23,807 19,987 19,987 3,663 3,663 3,663 3,663 3,663 100% 100% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 12 Building Commissioning Verified True-up 100% 100% Adjustment to 2012 savings 0.00% 0.00% 13 New Construction Adjustment to 2012 savings 19,535 19,535 19,535 19,535 19,535 19,535 19,535 19,535 19,535 19,535 121 12 5 5 5 5 5 5 5 5 0 Verified True-up 8.2% 8.20% 91.8% 91.80% 100% 0.00% 0.00% 14 Energy Audit Adjustment to 2012 savings Verified True-up 100% 100% 12 12 26.030 26.030 26.030 26.030 0 0 0 0 0 0 5 0 0 0 0 0 0 5 5 5 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 15 Small Commercial Demand Response Varified 0% Adjustment to 2012 savings True-up 0.00% Small Commercial Demand Response (IHD) Varified 0% Adjustment to 2012 savings True-up 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 17 Demand Response 3 533 0 0 0 0 0 0 0 0 0 Verified True-up 7,751 0 0 0 0 0 0 0 0 100% 100% Adjustment to 2012 savings 0.00% Industrial Program 18 Process & System Upgrades Verified True-up 12 0% Adjustment to 2012 savings 19 Monitoring & Targeting Adjustment to 2012 savings Verified True-up 12 0% 0.00% 0.00% 0.00% 20 Energy Manager Adjustment to 2012 savings Verified True-up 30,445 30,445 30,445 30,445 30,445 30,445 30,445 30,445 30,445 30,445 30,445 30,445 1,149,812 1,149,812 1,149,812 1,149,812 909,512 909,512 909,512 909,512 236,861 12 100% 100.00% 100% 1 192 1 103 102 103 103 0.00% 21 Retrofit Adjustment to 2012 savings Verified True-up 0% 12 22 Demand Response 3 Adjustment to 2012 savings 23,964 0 0 0 0 0 0 0 0 0 Verified True-up 994 0 0 0 0 0 0 0 0 100% 100% 0.00% Lome Assistance Program Home Assistance Program Adjustment to 2012 savings 
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25 Direct Install Lighting Adjustment to 2012 savings	Verified True-up											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 2012 savings	Verified True-up											12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
27 High Performance New Construction Adjustment to 2012 savings	Verified True-up	273,104	273,104	273,104	273,104	273,104	273,104	273,104	273,104	273,104	273,104	12	95	95	95	95	95	95	95	95	95 95	0.00%	8.20% 8.20%	91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
4											·····	12										0.00%	8.20%	91.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Toronto Comprehensive Adjustment to 2012 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2012 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 LDC Custom Programs Adjustment to 2012 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other	nue-up																					0.0076	0.00%	0.0076	0.00%	0.00%	0.0076	0.0076	0.0076	
31 Program Enabled Savings Adjustment to 2012 savings	Verified True-up											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 2012 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
33 LDC Pilots Adjustment to 2012 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 2012 Forecast CDM Savings in 2012		16,722,889	16,448,61	1 16,140,338	15,320,942	14,799,642	13,109,813 1	2,702,424 1	12,701,568 1	2,296,104	9,316,716		5,234	3,637	3,544	3,276	3,159	2,746	2,707 2	,707 2	654 2,216	3,072,977 0	1,283,097	30,051 0	0	0	0	0	0	
Distribution Rate in 2012 Lost Revenue in 2012 from 2011 programs Lost Revenue in 2012 from 2012 programs Total Lost Revenues in 2012 Forecast Lost Revenues in 2012 LRAMVA in 2012																						\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2012 Savings Persisting in 2013 2012 Savings Persisting in 2014 2012 Savings Persisting in 2015 2012 Savings Persisting in 2016 2012 Savings Persisting in 2017 2012 Savings Persisting in 2018 2012 Savings Persisting in 2019 2012 Savings Persisting in 2020																						3,072,977 3,072,977 3,050,480 2,590,256 2,000,344 1,809,761 1,808,905 1,587,281	1,255,456 1,220,253 1,126,934 1,097,163 886,439 868,661 868,661 853,586	29,279 28,279 25,693 25,621 22,201 21,877 21,877 21,416				0 0 0 0 0 0		

2012 Savings Persisting in 2020
Note: LDC to make note of key assumptions included above
Table 4-c. 2013 Lost Revenues Work Form
Return to to

		Net Energy Savings (kWh)			1	let Energy S	avings Pers	sistence (kWł	n)				Net Demand Savings (kW)			Net Pea	k Demand	Savings F	ersistence	e (kW)						Rate Allo	ations for LRAM	IVA			
Program	Results Status	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Monthly Multiplier	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	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
consumer Program uppliance Retirement udjustment to 2013 savings	Verified True-up	711,079	711,079	711,079	680,418	344,788	0	0	0	0	0		174	174	174	143	51	0	0	0	0	0	kWh 100.00% 100.00%	kWh 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kWh 0.00%	100%
uppliance Exchange Idjustment to 2013 savings	Verified True-up	39,900	39,900	39,900	39,900	0	0	0	0	0	0		22	22	22	22	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
IVAC Incentives djustment to 2013 savings	Verified True-up	993,659 55,844	993,659 55,844	993,659 55,844	993,659 55,844	993,659 55,844	993,659 55,844	993,659 55,844	993,659 55,844	993,659 55,844	993,659 55,844		591 31	591 31	591 31	591 31	591 31	591 31	591 31	591 31	591 31	591 31	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1005
Conservation Instant Coupon Booklet vdjustment to 2013 savings	Verified True-up	210,480 644	210,480 644	202,369 612	171,449 530	171,449 530	171,449 530	171,449 530	171,306 530	124,568 444	124,568 444		14 0	14 0	14 0	12 0	12 0	12 0	12 0	12 0	9 0	9 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100
Annual Retailer Event djustment to 2013 savings	Verified True-up	469,152	469,152	440,884	344,414	344,414	344,414	344,414	344,008	289,291	289,291		32	32	31	24	24	24	24	24	21	21	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10
etailer Co-op djustment to 2013 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	C
esidential Demand Response djustment to 2013 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
esidential Demand Response (IHD) djustment to 2013 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
esidential New Construction djustment to 2013 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
usiness Program etrofit djustment to 2013 savings	Verified True-up	8,544,440 1,579,036	8,327,788 1,422,040					7,087,161			6,205,107 1,241,676	12 12	1,823 376	1,755 339	1,726 338	1,566 338	1,428 331	1,403 329	1,403 329	1,403 329	1,354 322	1,227 306	0.00%	<b>8%</b> 8.20%	<b>92%</b> 91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	10
rect Install Lighting Ijustment to 2013 savings	Verified True-up	628,090 11,414	628,090 11,414	609,274 11,414	552,216 10,923	316,349 5,006	316,349 5,006	316,349 5,006	316,349 5,006	316,349 5,006	316,349 5,006	12 12	167 3	167 3	162 3	147 3	78 1	78 1	78 1	78 1	78 1	78 1	0.00%	<b>100%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
ilding Commissioning ljustment to 2013 savings	Verified True-up											3 3											0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
w Construction justment to 2013 savings	Verified True-up	9,175	9,175	9,175	9,175	9,175	9,175	9,175	9,175	9,175	9,175	12 12	6	6	6	6	6	6	6	6	6	6	0.00%	8.2% 8.20%	91.8% 91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	
ergy Audit justment to 2013 savings	Verified True-up	823,663 1,842,897	823,663 1,842,897	823,663 1,842,897		0 0	0 0	0	0 0	0 0	0 0	12 12	150 335	150 335	150 335	150 335	0	0	0	0	0 0	0 0	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
all Commercial Demand Response justment to 2013 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
all Commercial Demand Response (IHD)	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
mand Response 3 justment to 2013 savings	Verified True-up	8,163	0	0	0	0	0	0	0	0	0		547	0	0	0	0	0	0	0	0	0	0.00%	<b>100.00%</b>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
lustrial Program ocess & System Upgrades justment to 2013 savings	Verified True-up	624,036	624.026	624.036	624.026	824.038	262.000	362,880	363 990	262.000	262.000	12 12	59	59	59	59	59	34	34	34	34	34	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
nitoring & Targeting justment to 2013 savings	Verified True-up	02-4,030	024,030	024,030	024,030	024,030	502,000					12			35			~		~			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ergy Manager justment to 2013 savings	Verified True-up	2,171,119 368,314	46,963 2,492,471	46,963 1,413,118	46,963 1,402,650	0 1,449,613	0 1,390,568	0 1,390,568	0 1,390,568	0 1,390,568	0 1,390,568	12 12	273 65	9 329	9 217	9 216	0 225	0 225	0 225	0 225	0 225	0 225	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
rofit ustment to 2013 savings	Verified True-up											12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
mand Response 3 ustment to 2013 savings	Verified True-up	43,378	0	0	0	0	0	0	0	0	0		1,905	0	0	0	0	0	0	0	0	0	0.00%	0.00%	<b>100.00%</b>	0.00%	0.00%	0.00%	0.00%	0.00%	1
me Assistance Program ne Assistance Program ustment to 2013 savings	Verified True-up	427,264	427,264	427,264	376,700	351,418	326,135	326,135	326,135	147,672	140,052		42	42	42	39	38	36	36	36	27	19	100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
boriginal Program																															

24 Home Assistance Program	Verified						F						1									0%
Adjustment to 2013 savings	True-up						di sa al							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25 Direct Install Lighting Adjustment to 2013 savings	Verified True-up						0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011			-fh		 							 										
26 Electricity Retrofit Incentive Program Adjustment to 2013 savings	Verified True-up			 	 	 	 12 12			 		 		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
			.ii.	 	 	 	 			 		 		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27 High Performance New Construction Adjustment to 2013 savings	Verified True-up						12 12						-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Toronto Comprehensive Adjustment to 2013 savings	Verified True-up						0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2013 savings	Verified True-up						0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 LDC Custom Programs Adjustment to 2013 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	Verified						 0															0%
Adjustment to 2013 savings	True-up				 		0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32 Time of Use Savings Adjustment to 2013 savings	Verified True-up						0					 		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
33 LDC Pilots	Verified						12															0%
Adjustment to 2013 savings	True-up						 12		1					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2013 Forecast CDM Savings in 2013		19,561,748		 	 	 	 	6,617		 		 		2,908,023 14,896,090	4,145,104	29,054	0 2,704	0 5,133	0 885	0 28	0 65,791	
			1						1		1		1	14,896,090	5,412,016	53,512		5,133		20		
Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs														\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00
Lost Revenue in 2013 from 2012 programs														\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013														\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Forecast Lost Revenues in 2013														\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2013																						\$0.00
2013 Savings Persisting in 2014														2,908,023	4,106,302	27,882	0	0	0	0	0	
2013 Savings Persisting in 2015 2013 Savings Persisting in 2016														2,871,612 2,662,914	4,079,876 3,974,236	26,208 24,439	0	0	0	0	0	
2013 Savings Persisting in 2017														2,262,101	1,027,550	22,844	ō	ō	0	ó	0	
2013 Savings Persisting in 2018 2013 Savings Persisting in 2019														1,892,031 1.892.031	1,016,448 1.016.448	22,257 22,257	0	0	0	0	0	
2013 Savings Persisting in 2019 2013 Savings Persisting in 2020														1,892,031	1,016,448	22,257	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form		Return to Top																													
		Net Energy			N	et Energy Sa	wings Persi	stence (kWh)	)				Net Demand Savings (kW			Net Pea	k Demand	Savings Pe	ersistence	(kW)						Rate Alloc	ations for LRA	MVA			
Program	Results Status	Savings (kWh) 2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Monthly Multiplier	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	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
Consumer Program Appliance Retirement Adjustment to 2014 savings	Verified True-up	807,735	807,735	807,735	767,642	392,805	0	0	0	0	0		218	218	218	173	58	0	0	0	0	0	kWh 100% 100.00%	KWh 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	KW 0.00%	kW 0.00%	kWh 0.00%	100%
Appliance Exchange Adjustment to 2014 savings	Verified True-up	44,333	44,333	44,333	44,333	0	0	0	0	0	0		25	25	25	25	0	0	0	0	0	0	<b>100%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
HVAC Incentives Adjustment to 2014 savings	Verified True-up	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950		716	716	716	716	716	716	716	716	716	716	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Conservation Instant Coupon Booklet Adjustment to 2014 savings	Verified True-up	768,920	715,988	690,424	690,424	690,424	690,424	690,424	689,081	689,081	589,584		58	54	53	53	53	53	53	52	52	46	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bi-Annual Retailer Event Adjustment to 2014 savings	Verified True-up	3,356,262	2,911,522	2,679,748	2,679,748	2,679,748	2,679,748	2,679,748	2,678,587	2,678,587	2,491,235		220	192	177	177	177	177	177	177	177	165	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Retailer Co-op Adjustment to 2014 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential Demand Response Adjustment to 2014 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential Demand Response (IHD) Adjustment to 2014 savings	Verified True-up Verified	58.335	58,335	58,335	58.335	58,335	58,335	58,335	58,335	58,335	58,335					4	4	4	4	4	4	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction Adjustment to 2014 savings Business Program	True-up	08,330	56,335	56,335	06,330	38,335	38,335	08,335	08,335	38,335	58,335		4	4	4	4	4	4	4	4	4	4	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
D Retrofit Adjustment to 2014 savings	Verified True-up	9,903,275	9,824,167	9,824,167	9,539,462	9,539,462	9,527,786	9,136,760	9,136,760	8,612,208	6,842,974	12 12	1,638	1,616	1,616	1,536	1,536	1,534	1,483	1,483	1,397	1,182	0.00%	<b>8.2%</b> 8.20%	<b>91.8%</b> 91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
1 Direct Install Lighting Adjustment to 2014 savings	Verified True-up	1,343,299	1,321,756	1,272,701	902,596	902,596	902,596	902,596	902,596	902,596	902,596	12 12	365	359	347	233	233	233	233	233	233	233	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
2 Building Commissioning Adjustment to 2014 savings	Verified True-up											3 3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction     Adjustment to 2014 savings	Verified True-up Verified	391.641	391.641	391.641	391.641							12 12 12	80	80	80	80						0	0.00%	8.2% 8.20%	91.8% 91.80%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Energy Audit     Adjustment to 2014 savings     Small Commercial Demand Response	Ventied True-up Verified	391,041	391,041	391,041	391,041	U	U	U	U	U	U	12	80	80	80	80	U	U	U	0	U	J	0.00%	100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings Small Commercial Demand Response (IHD)	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2014 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Demand Response 3 Adjustment to 2014 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0		489	0	0	0	0	0	0	0	0	0	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Industrial Program Process & System Upgrades Adjustment to 2014 savings	Verified True-up											12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Monitoring & Targeting Adjustment to 2014 savings	Verified True-up	447,517	447,517	447,517	447,517	447,517	447,517	447,517	447,517	447,517	447,517	12 12	102	102	102	102	102	102	102	102	102	102	0.00%	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Energy Manager Adjustment to 2014 savings	Verified True-up	1,724,297	1,603,337	1,188,530	1,188,530	1,188,530	1,188,530	1,188,530	1,188,530	1,188,530	1,178,020	12 12	302	272	237	237	237	237	237	237	237	234	0.00%	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Retrofit Adjustment to 2014 savings	Verified True-up											12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
2 Demand Response 3 Adjustment to 2014 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0		1,706	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Home Assistance Program 3 Home Assistance Program Adjustment to 2014 savings	Verified True-up	544,314	544,310	491,088	464,493	437,898	437,898	437,898	437,898	250,039	226,198		74	74	71	70	69	69	69	69	59	33	<b>100%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%

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Aboriginal Program																																	1
24 Home Assistance Program Adjustment to 2014 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 2014 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 2014 savings	Verified True-up													12 12					-						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
27 High Performance New Construction Adjustment to 2014 savings	Verified True-up													12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Toronto Comprehensive Adjustment to 2014 savings	Verified True-up													0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	Verified True-up													0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Adjustment to 2014 savings	Verified True-up													0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other 31 Program Enabled Savings	Verified							[						0																			0%
Adjustment to 2014 savings	True-up													0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32 Time of Use Savings Adjustment to 2014 savings	Verified True-up	0	0	0		0	0	0	0	0	0	)	0	0 0	1,707	0	0	0	0	0	0	0	0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
33 LDC Pilots Adjustment to 2014 savings	Verified True-up													12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2014 Forecast CDM Savings in 2014		20,707,878	19,988,59	90 19,214	l,168 18,4	492,671 1	17,655,265	17,250,78	4 16,859,7	58 16,857	,255 16,144	4,843 14,0	054,408		7,703	3,713	3,646	3,407	3,185	3,124	3,074	3,074	2,977 2		897,848 896,090	2,547,009 5,412,016	22,892 53,512	0 2,704	0 5,133	0 885	0 28	0 65,791	
Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2014 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 LRAMVA in 2014																								\$4 \$3 \$3 \$7 \$17	2,266.25 ),534.24 2,427.41 <b>7,642.94</b>	\$0.00670 \$11,765.96 \$8,175.69 \$27,512.22 \$17,064.96 \$64,518.84 \$36,260.51	\$1.69510 \$50,982.37 \$47,936.47 \$47,263.27 \$38,804.44 \$184,986.56 \$90,708.19	\$2.84190 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> \$7,684.50	\$1.41830 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> \$7,280.13	\$5.48800 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$4,856.88</b>	\$7.40210 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$207.26	\$0.01160 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$763.18</b>	\$105,163.37 \$88,378.42 \$105,309.74 \$128,298.81 \$427,148.34 \$304,169.59 \$122,978.75
2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2017																								6,	400,172 389,612 322,924 577,160	2,518,979 2,469,924 2,076,473 1,684,832	22,296 21,874 20,996 20,996	0 0 0	0 0	0 0 0	0 0 0	0 0	

	Results	Savings (kWh)			Net Ene	rgy Saving	s Persisten	ice (kWh)			Monthly	Savings (kV	V)		Nét Péa	k Demand	savings P	rensistenci	e (KW)					Rate	Allocations for LR	AMVA			ę
Program	Results Status	2015	2016	2017	2018	2019	2020 2	2021 20	22 2023	2024	Multiplier	2015	2016	2017	2018	2019	2020	2021	2022	2023 2024	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	
egacy Framework																					kWh	kWh	kW	kW	kW	kW	kW	kWh	
esidential Program oupon Initiative djustment to 2015 savings	Verified True-up	553,646 6,140	548,755 6,140	548,755 6,140	548,755 6,140	548,755 6,140	548,755 54 6,140 6	48,755 548 3,140 6,1	629 548,629 40 6,140	548,629 6,140		36 0	35 0	35 0	35 0	35 0	35 0	35 0	35 0	35 35 0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Annual Retailer Event Initiative djustment to 2015 savings	Verified True-up	927,828	895,832	895,832	895,832	895,832	895,832 89	95,832 895	832 895,832	895,832		69	67	67	67	67	67	67	67	67 67	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ppliance Retirement Initiative djustment to 2015 savings	Verified True-up	1,086,356	1,086,356	1,086,356	1,072,574	848,136	0	0 0	) 0	0		198	198	196	183	125	0	0	0	0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
VAC Incentives Initiative djustment to 2015 savings	Verified True-up	969,515 12,833	969,515 12,833	969,515 12,833	969,515 12,833	969,515 12,833	969,515 96 12,833 1	39,515 969 2,833 12,	515 969,515 833 12,833	969,515 12,833		514 7	514 7	514 7	514 7	514 7	514 7	514 7	514 7	514 514 7 7	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
esidential New Construction and Major djustment to 2015 savings	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
commercial & Institutional Program inergy Audit Initiative idjustment to 2015 savings	Verified True-up	142,541 161,725	142,541 161,725	142,541 161,725	142,541 161,725	0 304,266	0 304,266 30	0 0	) 0 266 304,266	0 304,266	12 12	30 34	30 34	30 34	30 34	0 69	0 69	0	0 69	0 0 69 69	0.00%	100.00% 0.00%	53.00%	47.00%	0.00%	0.00%	0.00%	0.00%	
Efficiency: Equipment Replacement noentive Initiative Indjustment to 2015 savings	Verified True-up	16,903,061 2,156,781							1808 808088 1808 808088		12 12	2,064 534	2,064 534		1,954 634	1,954 634		1,870 717		1,832 1,56 716 645		100.00% 86.00%	14.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Direct Install Lighting and Water Heating	Verified	1,271,626	1 161 252	870 565	850 009	850 002	850 008 05	50 008 850	908 859,908	850 008	12	304	278		195	195		195	195	195 195		100.00%							
nitiative Adjustment to 2015 savings	True-up								908 859,908 819 59,819		12	-98	-72		195			195			0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
New Construction and Major Renovation nitiative Adjustment to 2015 savings	Verified True-up	178,249	178,249	178,249	178,249	178,249	178,249 17	78,249 178	249 178,249	178,249	12 12	21	21	21	21	21	21	21	21	21 21	0.00%	0.00%	<b>100.00%</b>	0.00%	0.00%	0.00%	0.00%	0.00%	
Existing Building Commissioning Incentive	Verified										3																		
nitiative Adjustment to 2015 savings	Verified True-up										3										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ndustrial Program Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2015 savings	Verified True-up	1,686,160	1,686,160	1,686,160	1,686,160	******	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			******	12	192	192	192	192	192	192	192	192	192 192	0.00%	0.00%	<b>100.00%</b>	0.00%	0.00%	0.00%	0.00%	0.00%	
Agustment to 2015 savings Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified	1,125,000	0	0	0	0	0	0 0	) 0	0	12	0	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%	
Adjustment to 2015 savings	True-up										12										0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Energy Manager Initiative Indjustment to 2015 savings	Verified True-up	2,241,334	2,241,334	2,241,334	2,241,334	*****	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		439,555	413,680	12 12	313	313	313	313	313	313	313	313	47 47	0.00%	0.00%	<b>100.00%</b>	0.00%	0.00%	0.00%	0.00%	0.00%	
Low Income Program Low Income Initiative Adjustment to 2015 savings	Verified True-up	905,582	745,372	712,383	679,393	679,393	679,393   67	79,393 679	393 446,526	411,387	12 12	117	108	107	105	105	105	105	105	93 55	<b>100.00%</b>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Other Aboriginal Conservation Program Adjustment to 2015 savings	Verified True-up										0 0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Program Enabled Savings Adjustment to 2015 savings	Verified True-up										0 0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Conservation Fund Pilots Conservation Fund Pilot - EnerNOC Adjustment to 2015 savings	Verified True-up										12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
oblaws Pilot Adjustment to 2015 savings	Verified True-up										12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Conservation Fund Pilot - SEG Adjustment to 2015 savings	Verified True-up										12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Social Benchmarking Pliot Adjustment to 2015 savings	Verified True-up										12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Conservation First Framework, Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2015 savings	Verified True-up	2,402,517 240,363	2,382,204	2,382,204	2,382,204							154 15	153	153 15	153	153 15	153 15	153 15	152	152 152 15 15	100	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Heating and Cooling	True-up Verified	240,363 469,163							.622 236,622 .163 469,163			15 245	15 245		245	15 245				15 15 245 245	100.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Program Adjustment to 2015 savings Save on Enerov New Construction Program	True-up	58,661							661 58,661			30	30		30	30	30	30	30	30 30	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ave on Energy New Construction Program	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Home Assistance Program	Verified True-up	235,875	196,006	187,797	179,587	179,587	179,587 17	79,587 179	587 121,637	113,653		30	28	28	28	28	28	28	28	25 16	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ion-Residential Province-Wide Programs Save on Energy Audit Funding Program Adjustment to 2015 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2015 savings Save on Energy Retrofit Program Adjustment to 2015 savings Adjustment to 2015 savings	Verified True-up	1,075,128 1,792,895	1,792,895	1,797,160	1,797,198	******		nanna nani	1000 0000000 1000 000000		12 12 12	147 268	147 268	146 269	146 269	146 269	146 269	138 277	138 277	138 112 272 234 0 0		8.2% 16.0% 16.0%	91.8% 84.0% 84.0%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Small Business Lighting	P&C Rep Verified	28,705	28,705	28,563	28,563	28,563	28,563	0 0	0 0	0	12	4	4	4	4	4	4	0	0	0 0		16.0%	84.0%						
Program Adjustment to 2015 savings Save on Energy High Performance New	True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Construction Program Adjustment to 2015 savings	Verified True-up										12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Existing Building Commissioning Program Idjustment to 2015 savings	Verified True-up										3 3										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Process & Systems	Verified										12																		
Jpgrades Program Idjustment to 2015 savings	True-up									1	12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Save on Energy Monitoring & Targeting Program	Verified					12								0.00%		0.00%			0.00%		0%
Adjustment to 2015 savings Save on Energy Energy Manager Program	True-up Verified				 	12					k		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	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%
Local & Regional Programs Business Refrigeration Local Program	Verified					0	1				1										0%
Adjustment to 2015 savings	True-up					0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
First Nation Conservation Local Program Adjustment to 2015 savings	Verified True-up					0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Social Benchmarking Local Program Adjustment to 2015 savings	Verified True-up				 	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs	True-up				 1	U	1						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot	Verified					12															0%
Program - Conservation Fund Adjustment to 2015 savings	True-up				 	12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EnWin Utilities Ltd Building Optimization	Verified					12															0%
Pilot Adjustment to 2015 savings	True-up					12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	010
EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2015 savings	Verified True-up				 	12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Horizon Utilities Corporation - ECM Furnace					 								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Motor Pilot Adjustment to 2015 savings	Verified True-up				 	12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Horizon Utilities Corporation - Social	Verified		1			12															0%
Benchmarking Pilot Adjustment to 2015 savings	True-up					12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation Voltage																					
Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2015 savings	Verified True-up				 	12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Residential Demand	True-up		1		 	12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
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%	
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%	
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%	
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%	
Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Verified				 	12 12															0%
Adjustment to 2015 savings Toronto Hydro-Electric System Limited -	True-up			I	 								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Direct Install - Hydronic (Pilot Savings) Adjustment to 2015 savings	Verified True-up				 	12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited -																					
Direct Install - RTU Controls (Pilot Savings)	Verified					12															0%
Adjustment to 2015 savings	True-up				 	12					E		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2015 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 2015	nuc up	36,253,650 34,867,78	34,826,448	34,764,535 <i>Nananna ananann annan</i>	 ******	14	5,228	5,213 5,2	13 5,191 5,1	38 5,013	5,008 5,0	07 4,682 4,228		20,173,642	11,788	192	0	0	0.00%	0	1
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 Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2014 programs Total Lost Revenues in 2015 programs Total Lost Revenues in 2015 Forecast Lost Revenues in 2015 LRAMVA in 2015													\$0.01580 \$56,402.13 \$48,197.59 \$45,371.47 \$101,122.72 \$124,321.97 \$375,415.88 \$235,358.22	\$0.01020 \$17,062.94 \$11,494.73 \$41,614.73 \$25,693.58 \$205,771.15 <b>\$301,637.13</b> <b>\$55,202.56</b>	\$2.56720 \$72,433.26 \$65,960.28 \$67,280.53 \$57,239.11 \$30,262.21 \$293,175.39 \$137,376.01	\$4.30410 \$0.00 \$0.00 \$0.00 \$825.35 \$825.35 \$11,638.29	\$2.14790 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$11,025.17</b>	\$8.31160 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$7,355.77</b>	\$11.21040 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$313.89	\$0.01760 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,157.92	\$145,898.33 \$125,652.60 \$154,266.73 \$184,055.42 \$361,180.68 <b>\$971,053.75</b> <b>\$459,427.83</b> <b>\$511,625.92</b>
2015 Savings Persisting in 2016 2015 Savings Persisting in 2017 2015 Savings Persisting in 2018 2015 Savings Persisting in 2019 2015 Savings Persisting in 2020 Note: LDC to make note of key assumptions inclu	dad alcono												7,607,616 7,566,418 7,511,436 7,286,998 6,438,862	20,173,641 20,139,216 20,122,612 19,980,071 19,978,972	11,788 11,918 11,955 12,177 12,177	192 192 192 389 389	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	

		Net Energy Savings (kWh)			Net En	ergy Savir	igs Persist	tence (kV	ľh)				Net Demand Savings (kW)			Net Peal	k Deman	d Savings	Persister	nce (kW)						Rate A	Allocations for LRA	MVA			
Program	Results Status	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Monthly Multiplier	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	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
egacy Framework																							kWh	kWh	kW	kW	kW	kW	kW	kWh	
esidential Program oupon Initiative djustment to 2016 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
-Annual Retailer Event Initiative	Verified		1																	1											0%
justment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	010
pliance Retirement Initiative	Verified																														0%
djustment to 2016 savings	True-up																			l			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
VAC Incentives Initiative	Verified																														0%
djustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Residential New Construction and Major Renovation Initiative Adjustment to 2016 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program Energy Audit Initiative Adjustment to 2016 savings	Verified True-up												12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Efficiency: Equipment Replacement	Verified												12								I			0.00%	0.00%	0.00%	0.00 %	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings Direct Install Lighting and Water Heating	True-up												12								[			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Initiative Adjustment to 2016 savings	Verified True-up												12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction and Major Renovation Initiative Adjustment to 2016 savings	Verified True-up												12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Existing Building Commissioning Incentive	Verified												3											0.00%	0.0070	0.0070	0.00%	0.0010	0.0070	0.00%	0.0070	0%
Adjustment to 2016 savings	True-up												3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2016 savings	Verified True-up												12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified												12																			0%
Adjustment to 2016 savings	True-up												12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2016 savings	Verified True-up												12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program Low Income Initiative Adjustment to 2016 savings	Verified True-up												12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other Aboriginal Conservation Program Adjustment to 2016 savings	Verified True-up												0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Program Enabled Savings Adjustment to 2016 savings	Verified True-up												0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots Conservation Fund Pilot - EnerNOC Adjustment to 2016 savings	Verified True-up												12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Adjustment to 2016 savings	Verified True-up	1,836	1,836	1,836	1,836	6 1,8	336 1,83	86 1,8	136 1,	,836	1,836	1,836	0	0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Loblaws Pilot Adjustment to 2016 savings	Verified True-up												12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilot - SEG	Verified												12											0.00%	0.00%					0.00%	0.00%	0%
Adjustment to 2016 savings	True-up												12											0.00%		0.00%	0.00%	0.00%	0.00%			
Adjustment to 2016 savings Social Benchmarking Pliot Adjustment to 2016 savings	Verified True-up												12 12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Social Benchmarking Pliot Adjustment to 2016 savings <u>Conservation First Framework</u> Residential Province-Wide Programs Save on Energy Coupon Program	Verified True-up Verified	11,021,446	11,021,44	6 11,021,44	46(11,021,4	446 ####	anna man	1011 0001	1000 000				12 12 12	716	716	716	716	716	716	716	716	716	713	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Social Benchmarking Pilot Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2016 savings Save on Energy Heating and Conling	Verified True-up Verified True-up	1,498,670	1,498,670	1,498,67	0 1,498,6	370 ####	avna ; vnavi	108 0081	1000 000	1NANN A1		<i>Navnava</i>	12 12 12	716 95	95	95	95	95	95	95	95	95	95	0.00% <b>100.00%</b> 100.00%								100%
Social Benchmarking Pilot Adjustment to 2016 savings Conservation First Framework, Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2016 savings	Verified True-up Verified	11.021.448 1.498.670 2.321.294 13.713	2,321,294	1,498,67 4 2,321,29	0 1,498,6 4 2,321,2	370 #### 294 ####	avna ; vnavi	100 0001 100 0001	1000 000 1000 000	10000 01 10000 01		Nannana Nannana	12 12 12	716 95 685 4		95 685	95	716 95 685 4	95 685	716 95 685 4	95 685	95 685	713 95 685 4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Social Benchmarking Pilot Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2016 savings Save on Energy Heating and Cooling Program Adjustment to 2016 savings Save on Energy New Construction Program	Verified True-up Verified True-up Verified Verified	1,498,670 2,321,294	2,321,294	1,498,67 4 2,321,29	0 1,498,6 4 2,321,2	370 #### 294 ####	anna nnan anna nnan	100 0001 100 0001	1000 000 1000 000	10000 01 10000 01		Nannana Nannana	12 12 12	716 95 685 4	95 685	95 685	95	95 685	95 685	95 685	95 685	95 685	95 685	0.00% 100.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Social Benchmarking Pilot Adjustment to 2016 savings Conservation First Framework, Residential Province-Wide Programs Save on Energy Cuoyon Program Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up	1,498,670 2,321,294	2,321,294	0 1,498,67 4 2,321,29 13,713	0 1,498,6 4 2,321,2 13,71	570 #### 294 #### 3 13,5	<b>8888 8888</b> 8888 8888 713 13,7	188 8881 188 8881 13 13,	713 13	,713 1	13,713	####### ####### 13,713	12 12 12	716 95 685 4 183	95 685	95 685	95 685 4	95 685	95 685 4	95 685	95 685	95 685 4	95 685	0.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Social Benchmarking Pilot Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Lough Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy New Adjustment to 2016 savings Save on Energy Home Assistance Program Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up	1,498,670 2,321,294 13,713 2,149,231 2,79,990	1,498,671 2,321,294 13,713 2,149,231 279,990	1,498,67 2,321,29 13,713 1,713 2,149,23 279,990	0 1,498,6 4 2,321,2 13,71: 1 2,149,2 279,99	294 #### 294 #### 3 13,7 231 #### 90 279,		199 276,	1999 276	14888 81 14888 81 1,713 1 14888 81 14888 81 14888 81 14888 81	13,713 13,713 10,000 (10,000) 10,000 (10,000) 10,0000 (10,000	******* 13,713 *******	12 12 12	4	95 685 4	95 685 4	95 685 4	95 685 4	95 685 4 167	95 685 4	95 685 4 167	95 685 4	95 685 4	0.00% 100.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100% 100% 0% 100%
Social Benchmarking Pilot Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Logon Program Adjustment to 2016 savings Save on Energy Heating and Cooling Program Adjustment to 2016 savings Save on Energy Home Assistance Program Adjustment to 2016 savings Nave on Energy Home Assistance Program Adjustment to 2016 savings Non-Residential Province-Wide Programs Save on Energy Audit Funding Program Joptiment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified Verified	1,498,670 2,321,294 13,713 2,149,231 279,990 13,143	1.498,67/ 2.321,29 13,713 2,149,23 279,990 13,143	<ul> <li>1.498,67</li> <li>2.321,29</li> <li>13,713</li> <li>2.149,23</li> <li>279,990</li> <li>13,143</li> </ul>	0 1,498,6 4 2,321,2 13,71 1 2,149,2 1 2,79,99 13,14	370         ####           294         ####           3         13,1           231         ####           90         279,           33         13,1	8888 8888 713 13,7 8888 8888 990 276,4 143 13,1	1111 1111 1111 113 113 113, 1111 113, 1111 113, 1111 113, 113,	1999 276 143 13	1111111 11 1111111 11 1,713 1 1,713 1 1111111 11 1111111 11 1,143 1	13,713 13,713 13,713 13,713 13,713 13,713	******** 13,713 ******** 229,963 13,143	12 12 12 12 12	4	95 685 4 183 24 2	95 685 4 183 24 2	95 685 4 183 24 2	95 685 4 183 24 2	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 187 22 2	95 685 4 125 16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100% 100% 0%
Social Benchmarking Pilot Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Lough Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy New Adjustment to 2016 savings Save on Energy Home Assistance Program Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified	1,498,670 2,321,294 13,713 2,149,231 2,79,990	1.498,67/ 2.321,29/ 13,713 2,149,23 279,990 13,143 15,551,20 6,770,31	<ul> <li>1.498.67</li> <li>2.321.29</li> <li>13.713</li> <li>2.149.23</li> <li>279.990</li> <li>13.143</li> <li>215.551.20</li> <li>7.973.23</li> </ul>	0 1,498,6 4 2,321,2 13,71 1 2,149,2 1 2,79,99 13,14 02 15,551,3 5 7,973,2	370         ####           294         ####           3         13,1           3         13,1           231         ####           90         279,           13         13,1           202         ####           202         #####		111 0001 111 0001 113 13, 110 0001 110 0001 110 0001 110 0001 110 0001 110 0001	1999 276 143 13 143 13	1111111 11 1111111 11 1111111 11 1111111	13,713 13,713 13,713 13,713 13,143 13,143	******* 13,713 ******* 229,963 13,143	12 12 12 12 12 12 12 12 12 12 12 12	4 183 24	95 685 4 183 24	95 685 4 183 24 2 1,323 2,576	95 685 4 183 24 2 1,323 2,576	95 685 4 183 24 2	95 685 4 167 22 2	95 685 4 167 22	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 125 16	0.00% 100.00% 100.00% 100.00% 0.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100% 100% 0% 100%
Social Benchmarking Pilot Adjustment to 2016 sawings Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2016 sawings Save on Energy New Construction Program Adjustment to 2016 sawings Save on Energy New Construction Program Adjustment to 2016 sawings Save on Energy Home Assistance Program Adjustment to 2016 sawings Save on Energy Audit Funding Program Adjustment to 2016 sawings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up	1,498,670 2,321,294 13,713 2,149,231 279,990 13,143 15,706,504 6,615,008	1.498,67/ 2.321,29/ 13,713 2,149,23 279,990 13,143 15,551,20 6,770,31	<ul> <li>1.498.67</li> <li>2.321.29</li> <li>13.713</li> <li>2.149.23</li> <li>279.990</li> <li>13.143</li> <li>215.551.20</li> <li>7.973.23</li> </ul>	0 1,498,6 4 2,321,2 13,71 1 2,149,2 1 2,79,99 13,14 02 15,551,3 5 7,973,2	370         ####           294         ####           3         13,1           3         13,1           231         ####           90         279,           13         13,1           202         ####           202         #####		111 0001 111 0001 113 13, 110 0001 110 0001 110 0001 110 0001 110 0001 110 0001	1999 276 143 13 143 13	1111111 11 1111111 11 1111111 11 1111111	13,713 13,713 13,713 13,713 13,143 13,143	******** 13,713 ******** 229,983 13,143	12	4 183 24 2 1,350 2,073	95 685 4 183 24 2 1,323 2,100	95 685 4 183 24 2 1,323 2,576	95 685 4 183 24 2 1,323 2,576	95 685 4 183 24 2	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 125 16 2 1,270 2,562	0.00% 100.00% 100.00% 100.00% 0.00% 100.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 100.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 0% 100%
Social Benchmarking Pilot Adjustment to 2016 savings Conservation FTR Framework Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy Home Assistance Program Adjustment to 2016 savings Save on Energy Rateful Program Adjustment to 2016 savings Save on Energy Rateful Program Adjustment to 2016 savings Save on Energy Rateful Program Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up P&C Rep Verified	1,498,670 2,321,294 13,713 2,149,231 279,990 13,143 15,706,504 6,615,008	1.498,67/ 2.321,29/ 13,713 2,149,23 279,990 13,143 15,551,20 6,770,31	<ul> <li>1.498.67</li> <li>2.321.29</li> <li>13.713</li> <li>2.149.23</li> <li>279.990</li> <li>13.143</li> <li>215.551.20</li> <li>7.973.23</li> </ul>	0 1,498,6 4 2,321,2 13,71 1 2,149,2 1 2,79,99 13,14 02 15,551,3 5 7,973,2	370         ####           294         ####           3         13,1           3         13,1           231         ####           90         279,           13         13,1           202         ####           202         #####		111 0001 111 0001 113 13, 110 0001 110 0001 110 0001 110 0001 110 0001 110 0001	1999 276 143 13 143 13	1111111 11 1111111 11 1111111 11 1111111	13,713 13,713 13,713 13,713 13,143 13,143	******** 13,713 ******** 229,983 13,143	12 12 12 12	4 183 24 2 1,350 2,073	95 685 4 183 24 2 1,323 2,100	95 685 4 183 24 2 1,323 2,576	95 685 4 183 24 2 1,323 2,576	95 685 4 183 24 2	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 125 16 2 1,270 2,562	0.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 23.0%	0.00% 0.00% 0.00% 0.00% 0.00% 100.00% 52.7% 52.7%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 2.80% 2.80%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%	0.00%	100% 100% 0% 100% 100%
Social Benchmacking Pilot Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Leading and Cooling Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy New Savings Save on Energy Nettoll Program Adjustment to 2016 savings Adjustment to 2016 savings Save on Energy Nettoll Program Adjustment to 2016 savings Save on Energy High Pednotamone New Construction Program Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up	1,498,670 2,321,294 13,713 2,149,231 279,990 13,143 15,706,504 6,615,008	1.498,67/ 2.321,29/ 13,713 2,149,23 279,990 13,143 15,551,20 6,770,31	<ul> <li>1.498.67</li> <li>2.321.29</li> <li>13.713</li> <li>2.149.23</li> <li>279.990</li> <li>13.143</li> <li>215.551.20</li> <li>7.973.23</li> </ul>	0 1,498,6 4 2,321,2 13,71 1 2,149,2 1 2,79,99 13,14 02 15,551,3 5 7,973,2	370         ####           294         ####           3         13,1           3         13,1           231         ####           90         279,           13         13,1           202         ####           202         #####		111 0001 111 0001 113 13, 110 0001 110 0001 110 0001 110 0001 110 0001 110 0001	1999 276 143 13 143 13	1111111 11 1111111 11 1111111 11 1111111	13,713 13,713 13,713 13,713 13,143 13,143	******** 13,713 ******** 229,983 13,143	12 12 12 12 12	4 183 24 2 1,350 2,073	95 685 4 183 24 2 1,323 2,100	95 685 4 183 24 2 1,323 2,576	95 685 4 183 24 2 1,323 2,576	95 685 4 183 24 2	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 167 22 2	95 685 4 125 16 2 1,270 2,562	0.00% 100.00% 100.00% 0.00% 100.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 23.00% 23.00% 23.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 52.7% 52.7% 52.7%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 0% 100% 79% 0%
Social Benchmarking Pilot Adjustment to 2016 savings Conservation First Framework Residential Province-Wilde Programs Save on Energy Lough Pogram Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy Hone Assistance Program Adjustment to 2016 savings Save on Energy High Pedromance New Construction Program Adjustment to 2016 savings Save on Energy High Pedromance New Construction Program Adjustment to 2016 savings Save on Energy High Pedromance New Construction Porgram Adjustment to 2016 savings Save on Energy High Pedromance New Construction Porgram Adjustment to 2016 savings Save on Energy High Pedromance New Construction Porgram Adjustment to 2016 savings Save on Energy High Pedromance New Construction Porgram	Verified True-up Verified V	1,498,670 2,321,294 13,713 2,149,231 279,990 13,143 15,706,504 6,615,008 1,099,944 439,257	1.498,670 2.321,294 13,713 2.149,23 279,990 13,143 15,551,20 6,770,31 1,099,944	<ul> <li>1,498,67</li> <li>2,221,29</li> <li>13,713</li> <li>2,149,23</li> <li>2,79,990</li> <li>13,143</li> <li>2,149,237</li> <li>4,1094,500</li> <li>439,257</li> </ul>	4 2.321,2,1498,6 4 2.321,2,1492,6 1 2,149,2 279,99 13,14 1 2,149,2 5 7,973,2 5 1,094,5 5 1,094,5 1 0,94,5 1 0,94,5	294 #### 3 13,7 231 #### 233 #### 3 13,7 231 #### 3 13,7 3 13,7 13 14,7 14 14,7	**************************************	9999 276, 443 13, 13 13, 13 13, 13 13, 13, 13, 13, 13, 13, 13, 13, 13, 13,	99999 9999 99999 9999 713 13 13 13 13 13 13 13 13 13 13 13 13 13 1	999999 91 999999 92 99999 92 99999 999999 999999 99999 99999 999999	13,713 14,713 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14	439,257	12 12 12 12 12 12 12 12 12	4 183 24 2 1,350 2,073	95 685 4 183 24 2 1,323 2,100 169	95 685 4 183 24 2 1.323 2.576 181 38	96 685 4 183 24 2 2 576 581	95 685 4 183 24 2 2 1.323 2.576 181	95 685 4 167 22 2 2 2 1.283 182 182	95 685 4 167 22 2 2 2 2 2 563 0	95 685 4 167 22 2 2 2 1.283 0	95 685 4 167 22 2 2 1270 2,562 0	95 685 4 125 16 125 16 2 2 2 2 562 0	0.00% 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%	0.09% 0.09% 0.09% 0.09% 0.09% 23.09% 23.09% 23.09% 23.09% 23.09%	0.00% 0.00% 0.00% 0.00% 0.00% 100.00% 52.7% 52.7% 52.7%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 2.00% 2.00% 0.00% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 0% 100% 79% 0%
Social Banchmarking Pild Adjustment to 2015 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Quoy Program Adjustment to 2015 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy New Construction Adjustment to 2016 savings Save on Energy New Construction Adjustment to 2016 savings Save on Energy Netrol Program Adjustment to 2016 savings Save on Energy Small Business Lighting Program Adjustment to 2016 savings Save on Energy Small Business Lighting Program Adjustment to 2016 savings Save on Energy Finding Business Save on Energy Minosity & Targeting	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up	1,488,670 2,321,294 13,713 2,149,231 279,990 13,143 15,706,504 6,615,008 1,099,944	1.498,670 2.321,294 13,713 2.149,23 279,990 13,143 15,551,20 6,770,31 1,099,944	<ul> <li>1,498,67</li> <li>2,221,29</li> <li>13,713</li> <li>2,149,23</li> <li>2,79,990</li> <li>13,143</li> <li>2,149,237</li> <li>4,1094,500</li> <li>439,257</li> </ul>	4 2.321,2,221,2,221,221,221,221,	294 #### 3 13,7 231 #### 233 #### 3 13,7 231 #### 3 13,7 3 13,7 13 14,7 14 14,7	2276,4 23762 276,4 2490 276,4 143 13,1 25866 276,4 143 13,1 25866 276,4	9999 276, 443 13, 13 13, 13 13, 13 13, 13, 13, 13, 13, 13, 13, 13, 13, 13,	99999 9999 99999 9999 713 13 13 13 13 13 13 13 13 13 13 13 13 13 1	999999 91 999999 92 99999 92 99999 999999 999999 99999 99999 999999	13,713 14,713 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14	13713 13713 229,983 13,143 0 0	12 12 12 12 12 12 12 12 12 12 12 3 3	4 183 24 2 1,350 2,073 169	95 685 4 183 24 2 1,323 2,100 169	95 685 4 183 24 2 1,323 1,323 1,311 181	96 685 4 183 24 2 2 1,323 2,576 181	95 685 4 183 24 2 2 576 181	95 685 4 167 22 2 2 1.283 182	95 685 4 167 22 2 2 2,563 0	95 685 4 167 22 2 2 2 2 583 0	95 685 4 167 22 2 1.270 2.562 0	95 685 4 125 18 2 2 2 2 2 0	0.00% 100.00% 100.00% 0.00% 100.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 23.00% 23.00% 23.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 52.7% 52.7% 52.7%	0.00% 0.00% 0.00% 0.00% 0.00% 2.80% 2.80% 2.80% 2.80% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 0% 100% 79% 0% 0%
Social Brachmanking Pilot Adjustment to 2015 savings Conservation First Transverch Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2015 savings Save on Energy Heatings and Cooling Program Adjustment to 2016 savings Save on Energy, New Construction Program Adjustment to 2016 savings Non-Residential Province-Wide Programs Save on Energy Home Assistance Program Adjustment to 2016 savings Save on Energy Heatings Save on Energy Heating Program Adjustment to 2016 savings Save on Energy Heating Business Lighting Program Adjustment to 2016 savings Save on Energy Heating Business Save on Energy Houter Savings Save on Energy Houter Savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up	1,498,670 2,321,294 13,713 2,149,231 279,990 13,143 15,706,504 6,615,008 1,099,944 439,257	1.498,670 2.321,294 13,713 2.149,23 279,990 13,143 15,551,20 6,770,31 1,099,944	<ul> <li>1,498,67</li> <li>2,221,29</li> <li>13,713</li> <li>2,149,23</li> <li>2,79,990</li> <li>13,143</li> <li>2,149,237</li> <li>4,1094,500</li> <li>439,257</li> </ul>	4 2.321,2,221,2,221,221,221,221,	294 #### 3 13,7 231 #### 233 #### 3 13,7 231 #### 3 13,7 3 13,7 13 14,7 14 14,7	**************************************	9999 276, 443 13, 13 13, 13 13, 13 13, 13, 13, 13, 13, 13, 13, 13, 13, 13,	99999 9999 99999 9999 713 13 13 13 13 13 13 13 13 13 13 13 13 13 1	999999 91 999999 92 99999 92 99999 999999 999999 99999 99999 999999	13,713 14,713 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14,715 14	13713 13713 229,983 13,143 0 0	12 12 12 12 12 12 12 12 12 12 12 3 3 3 12 5 12 12	4 183 24 2 1,350 2,073 169	95 685 4 183 24 2 1,323 2,100 169	95 685 4 183 24 2 1.323 2.576 181 38	96 685 4 183 24 2 2 576 581	95 685 4 183 24 2 2 1.323 2.576 181	95 685 4 167 22 2 2 2 1.283 182 182	95 685 4 167 22 2 2 2 2 2 563 0	95 685 4 167 22 2 2 2 1.283 0	95 685 4 167 22 2 2 1270 2,562 0	95 685 4 125 16 125 16 2 2 2 2 562 0	0.00% 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%	0.09% 0.09% 0.09% 0.09% 0.09% 23.09% 23.09% 23.09% 23.09% 23.09%	0.00% 0.00% 0.00% 0.00% 0.00% 100.00% 52.7% 52.7% 52.7%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 2.00% 2.00% 0.00% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100% 100% 0% 0% 0%
Social Banchmarking Pild Adjustment to 2015 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Quoy Program Adjustment to 2015 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy New Construction Adjustment to 2016 savings Save on Energy New Construction Adjustment to 2016 savings Save on Energy Netrol Program Adjustment to 2016 savings Save on Energy Small Business Lighting Program Adjustment to 2016 savings Save on Energy Small Business Lighting Program Adjustment to 2016 savings Save on Energy Finding Business Save on Energy Minosity & Targeting	Verified True-up Verified Verified Verified True-up Verified	1,498,670 2,321,294 13,713 2,149,231 279,990 13,143 15,706,504 6,615,008 1,099,944 439,257	1,498,677 2,217,29,20 13,713 2,149,23 279,990 13,143 15,551,22 7,70,31 1,099,94 439,257 1,433,06 413,119	<ul> <li>1,498,67</li> <li>1,498,67</li> <li>2,321,29</li> <li>13,713</li> <li>2,149,23</li> <li>2,79,990</li> <li>13,143</li> <li>4,109,50</li> <li>4,109,50</li> <li>4,109,50</li> <li>3,48,348</li> <li>348,348</li> </ul>	0 1.498,6 4 2.321,2 13,71 1 2,149,2 279,99 13,14 2 15,551,1 5 7.97,2 5 1.094,5 5 1.094,5 5 1.094,5 3 1.433,0	234         ####           233         13,1           231         ####           233         13,1           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           233         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           34         13,1           35         ####           35         ####	**************************************	2257 439, 2257 457 457 457 457 457 457 457 457 457 4	257 436 4483 322	9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 911999999	13,713 13,713 13,713 13,713 13,713 13,143 13,143 0 13,143 0 13,143 13,143 0 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 14,144 14,14414,144 14,144 14,	439.257 439.453 327.463	12 12 12 12 12 12 12 12 12 12 12 12 3 3 12 5 12	4 183 24 2 1,350 2,073 169	95 685 4 183 24 2 1,323 2,100 169	95 685 4 183 24 2 1.323 2.576 181 38	96 685 4 183 24 2 2 576 581	95 685 4 183 24 2 2 1.323 2.576 181	95 685 4 167 22 2 2 2 1.283 182 182	95 685 4 167 22 2 2 2 2 2 563 0	95 685 4 167 22 2 2 2 1.283 0	95 685 4 167 22 2 2 1270 2,562 0	95 685 4 125 16 125 16 2 2 2 2 562 0	0.00% 100.00% 100.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.09% 0.00% 0.00% 0.00% 0.00% 23.00% 23.00% 23.00% 23.00% 23.00% 23.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 52.7% 52.7% 52.7% 52.7% 52.7% 52.7% 52.7%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 2.80% 2.80% 2.80% 2.80% 2.80% 0.00%	0.09% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 0% 100% 100% 79% 0% 0% 0%
Social Benchmaching Pilot Adjustment to 2016 savings Conservation First Transmoot Residential Province-Wilde Programs Save on Energy Lough Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy High Performance New Construction Program Adjustment to 2016 savings Save on Energy High Performance Adjustment to 2016 savings Save on Energy Monosa & Systems Upondes Program Adjustment to 2016 savings Save on Energy Monosa & Systems Upondes Program Adjustment to 2016 savings	Verified Threep Verified Ver	1,498,670 2,321,294 13,713 2,149,231 279,990 13,143 15,706,504 6,615,008 10,069,044 439,257 1,433,063 413,119	1,498,677 2,217,29,20 13,713 2,149,23 279,990 13,143 15,551,22 7,70,31 1,099,94 439,257 1,433,06 413,119	<ul> <li>1,498,67</li> <li>1,498,67</li> <li>2,321,29</li> <li>13,713</li> <li>2,149,23</li> <li>2,79,990</li> <li>13,143</li> <li>4,109,50</li> <li>4,109,50</li> <li>4,109,50</li> <li>3,143,06</li> <li>348,348</li> </ul>	0 1.498,6 4 2.321,2 13,71 1 2,149,2 279,99 13,14 2 15,551,1 5 7.97,2 5 1.094,5 5 1.094,5 5 1.094,5 3 1.433,0	234         ####           233         13,1           231         ####           233         13,1           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           233         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           34         13,1           35         ####           35         ####		2257 439, 2257 457 457 457 457 457 457 457 457 457 4	257 436 4483 322	9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 911999999	13,713 13,713 13,713 13,713 13,713 13,143 13,143 0 13,143 0 13,143 13,143 0 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 14,144 14,14414,144 14,144 14,	439.257 439.453 327.463	12 12 12 12 12 12 12 12 12 12 12 3 3 3 12 5 12 12 12 12	4 183 24 2 2 2073 169 169	95 685 4 183 24 2 2 1.3232 1.9 2,100 169	95 685 4 183 24 2 2 2,576 181 181 38 528	96 685 4 183 24 2 2 1,323 19 19 19 19 19 19 19 19 19 19 19 19 19	95 685 4 183 24 2 2 1.323 24 2 2 576 181 181 38 528	95 685 4 167 22 2 2 1.283 182 182 38 528	95 685 4 167 22 2 2 563 0 0 38 528	95 685 4 167 22 2 2 2 2 2 2 2 2 2 2 2 2 2 3 8 528 38 528	95 685 4 167 22 2 1270 2.562 0 38 528 38 528	95 685 4 125 18 2 2 1,270 2,562 0 38 528 38	0.00% 100.00% 100.00% 0.00% 100.00% 0.00% 0.00% 0.00%	0.09% 0.09% 0.09% 0.09% 0.09% 23.09% 23.09% 23.09% 0.09%	0.00% 0.00% 0.00% 0.00% 100.00% 52.70	0.00% 0.00% 0.00% 0.00% 0.00% 2.80% 2.80% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100% 100% 0% 0% 0% 0%
Social Benchmarking Pilot Adjustment to 2016 savings Conservation First Transvort Residential Province-Wide Programs Save on Energy Coupon Pogram Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Date Savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy Retroft Program Adjustment to 2016 savings Save on Energy Retroft Program Adjustment to 2016 savings Save on Energy Netroft Program Adjustment to 2016 savings Save on Energy Netroft Program Adjustment to 2016 savings Save on Energy Netrofts Program Adjustment to 2016 savings Save on Energy Netrofts Program Adjustment to 2016 savings Save on Energy Netrofts Savings Save on Energy Netrofts Savings Save on Energy Netrofts Savings Save on Energy Notorison & Targeting Program Adjustment to 2016 savings Save on Energy Monitoring & Targeting Program Adjustment to 2016 savings Save on Energy Monitoring & Targeting Program Adjustment to 2016 savings Save on Energy Monitoring & Targeting Program Adjustment to 2016 savings	Verified Threep           Verified           Threep           Verified           Threep           Verified           Threep	1,498,670 2,321,294 13,713 2,149,231 279,990 13,143 15,706,504 6,615,008 10,069,044 439,257 1,433,063 413,119	1,498,677 2,217,29,20 13,713 2,149,23 279,990 13,143 15,551,22 7,70,31 1,099,94 439,257 1,433,06 413,119	<ul> <li>1,498,67</li> <li>1,498,67</li> <li>2,321,29</li> <li>13,713</li> <li>2,149,23</li> <li>2,79,990</li> <li>13,143</li> <li>4,109,50</li> <li>4,109,50</li> <li>4,109,50</li> <li>3,143,06</li> <li>348,348</li> </ul>	0 1.498,6 4 2.321,2 13,71 1 2,149,2 279,99 13,14 2 15,551,1 5 7.97,2 5 1.094,5 5 1.094,5 5 1.094,5 3 1.433,0	234         ####           233         13,1           231         ####           233         13,1           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           231         ####           233         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           33         13,1           34         13,1           35         ####           35         ####		2257 439, 2257 457 457 457 457 457 457 457 457 457 4	257 436 4483 322	9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 9119999 911999999	13,713 13,713 13,713 13,713 13,713 13,143 13,143 0 13,143 0 13,143 13,143 0 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 14,144 14,14414,144 14,144 14,	439.257 439.453 327.463	12 12 12 12 12 12 12 12 12 12 12 3 3 3 12 5 12 12 12 12	4 183 24 2 2 2073 169 169	95 685 4 183 24 2 2 1.3232 1.9 2,100 169	95 685 4 183 24 2 2 2,576 181 181 38 528	96 685 4 183 24 2 2 1,323 19 19 19 19 19 19 19 19 19 19 19 19 19	95 685 4 183 24 2 2 1.323 24 2 2 576 181 181 38 528	95 685 4 167 22 2 2 1.283 182 182 38 528	95 685 4 167 22 2 2 563 0 0 38 528	95 685 4 167 22 2 2 2 2 2 2 2 2 2 2 2 2 2 3 8 528 38 528	95 685 4 167 22 2 1270 2.562 0 38 528 38 528	95 685 4 125 18 2 2 1,270 2,562 0 38 528 38	0.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 23.00% 23.00% 23.00% 23.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 52.7%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 2.00% 0.00% 0.00%		0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%		100% 100% 100% 100% 100% 0% 0% 0% 100% 100%

Adjustment to 2016 savings	True-up						1	0							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
Pilot Programs						 																	
Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund	Verified							12															0%
Adjustment to 2016 savings	True-up							12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EnWin Utilities Ltd Building Optimization Pilot	Verified							12															0%
Adjustment to 2016 savings	True-up							12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2016 savings	Verified True-up							12 12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified							12															0%
Adjustment to 2016 savings	True-up							12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2016 savings	Verified True-up							12 12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified							12															0%
Adjustment to 2016 savings	True-up							12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																						0%
Adjustment to 2016 savings	True-up														0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified							12															0%
Adjustment to 2016 savings	True-up							12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified							12															0%
Adjustment to 2016 savings	True-up							12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic	Verified							12															0%
Adjustment to 2016 savings	True-up							12	]						0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2016 savings	Verified True-up							12 12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited -	Verified							12															0%
Direct Install - Hydronic (Pilot Savings) Adjustment to 2016 savings	True-up					 		12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0,0
Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified							12															0%
Adjustment to 2016 savings	True-up							12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited - PFP	Verified							12															0%
<ul> <li>Large (Pilot Savings)</li> <li>Adjustment to 2016 savings</li> </ul>	True-up							12							0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2016		43,725,414	43,575,531 4	4,708,246 44,687	,360 #######	 		***	6,001	5,983 6,	471 6,471	6,471 6,4	01 6,219	6,219 6,201	6,150 17,286, 14,896			4,303	0	0 885	0	0	-
Forecast CDM Savings in 2016		1			1		1								1			2,704					1
Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2016 programs Total Lost Revenues in 2016 Procreast Lost Revenues in 2016 LRAMVA in 2016															\$0.013 \$37,555 \$34,700 \$35,680 \$81,600 \$101,94 \$231,63 \$523,12 <b>\$199,60</b>	1.64         \$14,573.2           1.43         \$11,300.7           1.05         \$40,934.6           1.80         \$25,440.2           2.05         \$207,788.5           4.81         \$55,485.4           5.79         \$355,522.6           7.61         \$55,743.7	<ul> <li>\$70,885.40</li> <li>\$66,973.25</li> <li>\$63,883.58</li> <li>\$57,177.89</li> <li>\$30,813.89</li> <li>\$63,639.82</li> <li>\$353,373.83</li> <li>\$139,880.37</li> </ul>	\$4.38200 \$0.00 \$0.00 \$0.00 \$840.29 \$18,854.88 <b>\$19,695.18</b> <b>\$11,848.93</b>	\$2.18740 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$11,227.92</b>	\$8.46490 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$7,491.44</b>	\$11.41760 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$319.69	\$0.01790 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,177.66	\$123,014.33 \$112,983.47 \$140,501.26 \$164,218.91 \$341,384.74 \$369,614.94 \$1,251,717.65 \$427,297.38 \$824,420.27
2016 Savings Persisting in 2017 2016 Savings Persisting in 2018 2016 Savings Persisting in 2019 2016 Savings Persisting in 2020															17,286, 17,286, 17,286, 17,286,	180 5,662,357 180 5,662,357	27,220 27,220	4,303 4,467 4,467 4,467	0 0 0	0 0 0	0 0 0	0 0 0	
Note: LDC to make note of key assumptions include																							

Note: LDC to make note of key assumptions included above

		Net Energy Savings (kWh)			Net Ener	gy Savings Pe	sistence (k	Wh)				Net Demand Savings (kW)			Net Peak Dem	and Savings	Persisten	ce (kW)						Rate A	Allocations for LRA	MVA			
Program	Results Status	2017	2018	2019	2020	2021 202	2023	2024	2025	2026	Monthly Multiplier	2017	2018	2019	2020 202	1 2022	2023	2024	025 202	6 Reside	ntial	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
acy Framework	ļ			ļ						ļ						ļ			ļ	kΜ	h	kWh	kW	kW	kW	kW	kW	kWh	
idential Program																													
oon Initiative	Verified																												0%
stment to 2017 savings	True-up																			0.00	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nnual Retailer Event Initiative	Verified							1																					0%
stment to 2017 savings	True-up																			0.00	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ance Retirement Initiative	Verified							F																					0%
tment to 2017 savings	True-up																			0.00	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	010
Incentives Initiative	Verified							· · · · · · · · · · · · · · · · · · ·																					0%
stment to 2017 savings	True-up																			0.00	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.6
ential New Construction and Maior								1					1																
vation Initiative	Verified																												0%
tment to 2017 savings	True-up																			0.00	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
mercial & Institutional Program																													
y Audit Initiative	Verified							1			12																		0%
tment to 2017 savings	True-up										12									0.00	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ncy: Equipment Replacement								1					1																
tive Initiative	Verified										12																		0%
tment to 2017 savings	True-up							-			12									0.00	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Install Lighting and Water Heating	Verified										12																		0%
ve																													0%
stment to 2017 savings	True-up										12									0.00	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

New Construction and Major Renovation Initiative Adjustment to 2017 savings	Verified																														
	True-up										12 12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
xisting Building Commissioning Incentive nitiative djustment to 2017 savings	Verified										3												0.00%								0%
ndustrial Program	True-up										3									!			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Project Incentive Initiative Idjustment to 2017 savings	Verified True-up										12 12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified										12																				0%
djustment to 2017 savings	True-up										12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2017 savings	Verified True-up										12 12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program Low Income Initiative Adjustment to 2017 savings	Verified True-up										12 12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other Aboriginal Conservation Program Adjustment to 2017 savings	Verified True-up										0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Program Enabled Savings Adjustment to 2017 savings	Verified True-up										0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots Conservation Fund Pilot - EnerNOC Idjustment to 2017 savings	Verified True-up										12 12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
oblaws Pilot Adjustment to 2017 savings	Verified True-up										12 12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilot - SEG Idjustment to 2017 savings	Verified True-up										12 12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Social Benchmarking Pliot Adjustment to 2017 savings	Verified True-up										12 12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program																															
Adjustment to 2017 savings	Verified P&C Rep	17,221	17,079	17,079	17,079	17,079	17,079	0 0	0 0						696		696	696	696	696	696	695	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Instant Discount Program Adjustment to 2017 savings	Verified True-up	11,563,559	8,374,196	8,374,198	8,374,196							7	93	579	579	579	579	579	579	579	579	579	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
ave on Energy Heating and Cooling Program Idjustment to 2017 savings	Verified P&C Rep	1,696,966 71,393					71,393					4	98	498	498	498	498	498	498	498	498	498	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
ave on Energy New Construction Program	Verified																														0%
djustment to 2017 savings ave on Energy Home Assistance Program	True-up																			1			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2017 savings	Verified True-up	961,795	961,795	961,795	961,795	961,795	961,795 961	1,795 961,	,795 961,	795 955,553		7	76	76	76	76	76	76	76	76	76	69	100.00%								100%
on-Residential Province-Wide Programs							l																100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ave on Energy Audit Funding Program	Verified True-up										12 12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Audit Funding Program Adjustment to 2017 savings Save on Energy Retrofit Program	Verified True-up Verified P&C Rep	23,461,892 5,772,315	24,773,76	4 24,773,764	4 24,773,764 5,743,770	. <i>nananna</i> nananna		vanna nann 0 0	<i>иали алин</i> 0 0	1/100 ######## 0 0	12 12 12 12	4,2	292 •	4,741	4,741	4,741	4,741	4,559	4,559 0	4,559	4,534	4,534 0									0% 93%
Save on Energy Audit Funding Program Adjustment to 2017 savings Save on Energy Retrofit Program Adjustment to 2017 savings Save on Energy Small Business Linhting	True-up Verified P&C Rep Verified	23,461,892 5,772,315	24,773,76 5,772,315	4 24,773,764 5 5,743,770	4 24,773,764 5,743,770		******	90000 9000 0 0	<i>NANN ANNA</i> D O	1000 Naunaa 0 0	12 12 12 12	4,2	292 -	4,741 1,105	4,741 1,099	4,741 · 1,099	4,741	4,559 1,101	4,559 0	4,559	4,534 0	1 4,534 0	0.00%	0.00% <b>12.40%</b> 12.40%	0.00% <b>77.00%</b> 77.00%	0.00% <b>3.20%</b> 3.20%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Audit Funding Program Adjustment to 2017 savings Save on Energy Retrolit Program Adjustment to 2017 savings Save on Energy Small Business Lighting Program Adjustment to 2017 savings	True-up Verified P&C Rep Verified True-up	23,461,892 5,772,315	24,773,76 5,772,315	4 24,773,764 5 5,743,770	4 24,773,764 5,743,770		9889899 894 9889999	vauva sauv 0 0	<i>N888</i> 8888 D 0	) ) ) )	12 12 12 12 12	4,5	292 -	4,741 1,105	4,741 1,099	4,741 .	4,741	4,559	4,559	4,559	4,534	i 4,534 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	93% 0%
Save on Energy Audit Funding Program Adjustment to 2014 savings Save on Energy Retrolfe Program Adjustment to 2017 savings Save on Energy Small Business Lighting Program Adjustment to 2017 savings Save on Energy High Performance New Construction Program	True-up Verified P&C Rep Verified	23,461,892 5,772,315	24,773,76	4 24,773,764 5 5,743,770	4 24,773,764 5,743,770		9809898 994 9809999	98999 9999 0 0	#### #### 0 0	//////////////////////////////////////	12 12 12 12	4,3	292	4,741	4,741	4,741 1.099	4,741	4,559	4,559	4.559	4,534	i 4,534 0	0.00%	0.00% <b>12.40%</b> 12.40%	0.00% <b>77.00%</b> 77.00%	0.00% <b>3.20%</b> 3.20%	0.00%	0.00%	0.00%	0.00%	93%
Save on Energy Audit Funding Program Migatiment to 2017 asvings Save on Energy Retrolit Program Migatiment to 2017 asvings Save on Energy Small Business Lighting Program Migatiment to 2017 asvings Save on Energy High Performance New Construction Program Migatiment to 2017 asvings Save on Energy Estimp Building Commissionian Pernam	True-up Verified P&C Rep Verified True-up Verified	23,461,892 5,772,315	24,773,76	4 24,773,764	4 24,773,764 5,743,770		53455555 54455555 1	0 0	#### 0 0	0 0 0	12 12 12 12 12 12 12	4,3	292 .	4,741 1,105	4,741 1,099	4,741	4,741	4,559	4,559	4.559	4,534	4,534	0.00%	0.00%	0.00% <b>77.00%</b> 77.00%	0.00% <b>3.20%</b> 3.20%	0.00%	0.00%	0.00%	0.00%	93% 0%
Save on Energy Audit Funding Program Adjustment to 2017 Javings Save on Energy Retrott Program Adjustment to 2017 savings Save on Energy Stall Business Lighting Person Magnatiment to 2017 savings Save on Energy Stalling Performance New Construction Program Adjustment to 2017 savings Save on Energy Stalling Building Commissioning Program Adjustment to 2017 savings Save on Energy Process & Systems Upgrades Program	True-up Verified P&C Rep Verified True-up Verified True-up Verified Verified	23,461,892 5,772,315	24,773,76	4 24.773.764	4 24.773.764		5050500 884 99999999 894 99999999 894 99999999 894 9999999 894 9999999 894 9999999 894 9999999 894 99999999 894 99999999 894 99999999 894 99999999 894 9999999 894 9999999 894 9999999 894 9999999 894 9999999 894 9999999 99999 99999 9999	vasua unuu 0 0	9999 9999 0 0	2000 (00000000) 0 00	12 12 12 12 12 12 12 12 12 3 3 3 12	4,3	292 .	4,741	4,741 1,099	4,741 .	4,741	4,559	4,559	4,559	4,534	i 4,534 0	0.00%	0.00%	0.00% 77.00% 77.00% 0.00% 0.00%	0.00% 3.20% 3.20% 0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	93% 0% 0%
Save on Energy Audit Funding Program Adjustment to 2017 I savings Save on Energy Retrotil Program Adjustment to 2017 savings Program Majustment to 2017 savings Save on Energy High Performance New Majustment to 2017 savings Save on Energy Hordermance New Save on Energy Hordermanne Adjustment to 2017 savings Save on Energy Process & Systems Logradies Process & Systems Upander Dorger Majustment to 2017 savings Save on Energy Process & Systems Upandes Process Majustment to 2017 savings	True-up Verified P&C Rep Verified True-up Verified True-up Verified True-up Verified True-up	23,461,892 5,772,315	24,773,76 5,772,310	4 24,773,764	4 24,773,764		99899999 999 99999999 999 9999999 999 999999	98988 9898 0 0 0	ияни инии D. О		12 12 12 12 12 12 12 12 12 3 3 3 12 12	4.3	292 .	4.741	4,741	4,741	4,741 1,099	4,559	4,559	4,559	4,534	1 4.534 0	0.00%	0.00%	0.00% 77.00% 0.00%	0.00% <b>3.20%</b> 3.20% 0.00%	0.00%	0.00%	0.00%	0.00%	93% 0% 0% 0%
Save on Energy Aud Funding Program Adjustment to 2017 awings Save on Energy Retrolle Program Adjustment to 2017 awings Deve on Energy Ship Mechanismes Lighting Program Adjustment to 2017 awings Save on Energy Funding Mechanismes Adjustment to 2017 awings Save on Energy Funding Building Adjustment to 2017 awings Save on Energy Process & Systems Uparade Process Adjustment to 2017 awings	True-up Verified P&C Rep Verified True-up Verified True-up Verified Verified	23.461,892 5,772,315	24,773,76	4 24.773.764	4 24,773,764			VIIIIIII IIIIIII 0 0 0	0 0		12 12 12 12 12 12 12 12 12 3 3 3 12	4.3	292	4,741 1,105	4,741 1,099	4,741	4,741	4,559	4,559	4.559	4,534	4,534	0.00%	0.00%	0.00% 77.00% 77.00% 0.00% 0.00%	0.00% 3.20% 3.20% 0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	93% 0% 0%
Save on Energy Audi Flording Porgam Adjustment to 2017 savings Save on Energy Retrotit Porgam Adjustment to 2017 savings Save on Energy Shall Business Lighting Porgam Adjustment to 2017 savings Save on Energy Strains Data Guardancian Porgam Adjustment to 2017 savings Save on Energy Process & Systems Updraffeer To 2017 savings Save on Energy Process & Systems Updraffeer To 2017 savings Save on Energy Monitoring & Targeting Program Adjustment to 2017 savings Save on Energy Monitoring & Targeting Program	True-up Verified P&C Rep Verified True-up Verified True-up Verified True-up Verified	23,461,892 5,772,315 8,672,315 8,672,315 8,672,315	853,228	853,228	5.743.770	729,065	729.065 725	9,065 729,	0.065 604,	2000 0000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 12 12 12 12 12 12 12 12 3 3 12 12 12 12 12	1,6	23	1.105	21 249	1,099	4,741 1,099 11 11 153	4,559 1,101 111 153	0	11	10	0	0.00%	0.00% 12.40% 12.40% 0.00% 0.00%	0.00% 77.00% 77.00% 0.00% 0.00% 0.00%	0.00% 3.20% 3.20% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00%	0.00%	0.00%	93% 0% 0% 0%
Save on Energy Audi Flording Porgam Adjustment to 2017 savings Save on Energy Retrotit Porgam Adjustment to 2017 savings Save on Energy Shall Business Lighting Porgam Adjustment to 2017 savings Save on Energy Strains Data Guardancian Porgam Adjustment to 2017 savings Save on Energy Process & Systems Updraffeer To 2017 savings Save on Energy Process & Systems Updraffeer To 2017 savings Save on Energy Monitoring & Targeting Program Adjustment to 2017 savings Save on Energy Monitoring & Targeting Program	True-up Verified P&C Rep Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified	5,772,315 5,772,315 865,629	853,228	853,228	729,065	729,065	729.065 725	9,065 729,	0.065 604,	025 604.025	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1,6	23	21	21	1,099	1,099	11101	0	11	10	0	0.00%	0.00% 12.40% 12.40% 0.00% 0.00% 0.00%	0.00% 77.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 3.20% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	93% 0% 0% 0% 0%
save on Energy Audit Funding Program djustment 10:2017 avarings avar on Energy Retrolit Program djustment to 2017 avarings avar on Energy Small Business Lighting djustment to 2017 savings avar on Energy High Performance New construction Program djustment to 2017 avarings avar on Energy Histing Bulding commissioning Program djustment to 2017 ravings avar on Energy Process & Systems Joorndes Program djustment to 2017 ravings avar on Energy Process & Systems Joorndes Program djustment to 2017 ravings avar on Energy Process & Systems Joorndes Program djustment to 2017 ravings avar on Energy Foreign States rogram cost & Regional Program djustment to 2017 ravings cost & Regional Program djustment to 2017 ravings	True-up Verified P&C Rep Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified P&C Rep Verified	5,772,315 5,772,315 865,629	853,228	853,228	729,065	729,065	729.065 725	9,065 729,	0.065 604,	025 604.025	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1,6	23	21	21	1,099	1,099	11101	0	11	10	0	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 12.40% 12.40% 0.00% 0.00% 0.00% 0.00%	0.00% 77.00% 0.00% 0.00% 0.00% 0.00% 0.00% 100.00%	0.00% 3.20% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00%	93% 0% 0% 0% 0% 0%
ave on Energy Audit Funding Program djustment to 2017 avings ave on Energy Retroll Program djustment to 2017 avings ave on Energy Small Business Lighting organ djustment to 2017 avings ave on Energy Small Business Lighting ommission program djustment to 2017 avings ave on Energy Energy Manager Program djustment to 2017 avings ave on Energy Noticong & Targeting organs djustment to 2017 avings ave on Energy Montong & Targeting organs djustment to 2017 avings ave on Energy Montong & Targeting organs djustment to 2017 avings ave on Energy Montong & Targeting organs djustment to 2017 avings ave on Energy Energy Manager Program djustment to 2017 avings cell & Regional Dogram djustment to 2017 avings cell & Regional Dogram djustment to 2017 avings	True-up Verified P&C Rep Verified True-up Verified True-up Verified True-up Verified P&C Rep Verified Verified	5,772,315 5,772,315 865,629	853,228	853,228	729,065	729,065	729.065 725	9,065 729,	0.065 604,	025 604.025	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1,6	23	21	21	1,099	1,099	11101	0	11	10	0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 12.40% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 77.00% 0.00% 0.00% 0.00% 0.00% 100.00%	0.00% <b>3.20%</b> 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00%	93% 0% 0% 0% 0%
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ctual CDM Savings in 2017 orecast CDM Savings in 2017		67,738,263	63,430,733	63,402,18	8 63,278,025	5 ######	* ******	******		******	******		7,957	8,056	8,051	7,945	7,945 7	764 6,5	10 6,510	6,484 6,476	9,641,185	3,625,042 27,433,333	52,914 10,470	2,054 0	0 44,917	0 15,680	0	0	
djustment to 2017 savings	True-up				1							0									100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10078
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Centrally Delivered Programs ave on Energy Energy Performance rogram for Multi-Site Customers	Verified	301,753	301,753	301,753	301,753	301,75	301,753	301,753	301,753	0	0	0	0	0	0	0	0	0 0	0	0 0			100.00%						100%
oronto Hydro-Electric System Limited - PFP Large (Pilot Savings) idjustment to 2017 savings	Verified True-up											12 12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
djustment to 2017 savings	True-up											12	1								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
oronto Hydro-Electric System Limited - birect Install - RTU Controls (Pilot Savings)	Verified											12																	0%
birect Install - Hydronic (Pilot Savings) djustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
djustment to 2017 savings 'oronto Hydro-Electric System Limited -	True-up Verified				-							12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Dakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Verified											12																	0%
pirect Install - Hydronic djustment to 2017 savings	Verified True-up											12 12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
djustment to 2017 savings Dakville Hydro Electricity Distribution Inc	True-up				-			I				12	1								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
liagara-on-the-Lake Hydro Inc Direct nstall Energy Efficiency Measures for the gricultural Sector	Verified											12																	0%
djustment to 2017 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
litchener-Wilmot Hydro Inc Pilot - DCKV	Verified											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
djustment to 2017 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
djustment to 2017 savings ydro Ottawa Limited - Residential Demand	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ydro Ottawa Limited - Conservation Voltage egulation (CVR) Leveraging AMI Data Pilot	Verified											12																	0%
djustment to 2017 savings	True-up			1								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Adjustments to the kVm savings were based on the rearrangeation and cust report, based Aprin 153, Autor, based by the IsO and marked adove as vc. kep in the Kesut status column. The net demand savings KW for the adjustments from the Participation and AC MR profit scakulated ability the KW/KW natios from the 2017 Verified Results, or earlier years, of the same program. The persistence of unverified energy savings are from ISO's April 2019 Participation and Cost report reference tables.

Ontario Energy Board

### **LRAMVA Work Form: Carrying Charges by Rate Class**

Version 5.0 (2021)

#### Legend

Auto Populated Cells (White) Instructions (Grey)

User Inputs (Green)

Instructions

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

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

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

#### Table 6. Prescribed Interest Rates

Table 6-a. Calculation of Carrying Costs by Rate Class Go to Tab 1: Summary

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
2011 Q1	1.47%	Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Q2	1.47%	Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Q3	1.47%	Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Q4	1.47%	Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Q1	1.47%	May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Q2 2012 Q3	1.47%	Jun-11 Jul-11	2011 2011	Q2 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
2012 Q3	1.47%	Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Q1	1.47%	Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Q2	1.47%	Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Q3	1.47%	Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Q4	1.47%	Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Q1	1.47%	Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Q2	1.47%	Amount Cleare																		
2014 Q3 2014 Q4	1.47%	Opening Bala Jan-12	2011-2012	Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
2014 Q4 2015 Q1	1.47%	Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Q2	1.10%	Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Q3	1.10%	Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Q4	1.10%	May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Q1	1.10%	Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Q2	1.10%	Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Q3	1.10%	Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Q4 2017 Q1	1.10%	Sep-12	2011-2012 2011-2012	Q3 Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00			\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
2017 Q1 2017 Q2	1.10%	Oct-12 Nov-12	2011-2012	Q4 Q4	0.12%	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Q2 2017 Q3	1.10%	Dec-12	2011-2012	Q4 Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Q4	1.50%	Total for 2012		-	0.1270	\$0.00	\$0.00		\$0.00	\$0.00				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Q1	1.50%	Amount Cleare	d																	
2018 Q2	1.89%	Opening Bala				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Q3	1.89%	Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Q4	2.17%	Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Q1	2.45%	Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Q2	2.18%	Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Q3 2019 Q4	2.18%	May-13	2011-2013 2011-2013	Q2 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
2019 Q4 2020 Q1	2.18%	Jul-13	2011-2013	Q2 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Q1	2.18%	Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Q3	0.57%	Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Q4	0.57%	Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2021 Q1	0.57%	Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2021 Q2	0.57%	Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2021 Q3		Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2021 Q4 2022 Q1		Amount Cleare Opening Bala				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 Q1 2022 Q2		Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 Q2		Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 Q4		Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Q1		Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Q2		May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Q3		Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Q4		Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 Q1 2024 Q2		Aug-14 Sep-14	2011-2014 2011-2014	Q3 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
2024 Q2 2024 Q3		Oct-14	2011-2014	Q3 Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 Q3 2024 Q4		Nov-14	2011-2014	Q4 Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Q1		Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Q2		Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Q3		Amount Cleare						-												
2025 Q4		<b>Opening Bala</b>				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Feb-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Check OEB website		Mar-15 Apr-15	2011-2015 2011-2015	Q1 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
		Apr-15 May-15	2011-2015	Q2 Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Jun-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		L	1 2011 2010		0.0070	φ	¥J.00	φ0.00	φ0.00	J0.00	φ0.00	÷5.00			<b>\$0.00</b>	÷0.00	ψυ.υυ		¥0.00	<b>\$0.00</b>

Loc 1         211-05         00         DOC         DOC <thdoc<< th=""><th>Jul-15 2011</th><th>11-2015</th><th>Q3</th><th>0.09%</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th><th>\$0.00</th></thdoc<<>	Jul-15 2011	11-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Diff         Sing         Sing <th< td=""><td>Aug-15 2011</td><td>11-2015</td><td>Q3</td><td>0.09%</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td></th<>	Aug-15 2011	11-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
meta         B11.05         GA         Dot         B10																		\$0.00	\$0.00
bot of the state         is of the state         is of th																		\$0.00 \$0.00	\$0.00 \$0.00
Indu and in         Indu And Angel         Bab																		\$0.00	\$0.00
Openne Shares C 201 Hart         Openne Shares C 201 Hart         Openne Shares C 201 Hart         Non         Base Hart         Base Hart <td>otal for 2015</td> <td></td> <td></td> <td></td> <td>\$0.00</td> <td>\$0.00</td> <td></td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td></td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td>	otal for 2015				\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
m.h.         m.h. <th< td=""><td></td><td>- 0040</td><td></td><td></td><td><b>6</b>0.00</td><td></td><td><b>60.00</b></td><td><b>60.00</b></td><td><b>6</b>0.00</td><td></td><td><b>60.00</b></td><td><b>*</b>0.00</td><td></td><td><b>60.00</b></td><td><b>*</b>****</td><td><b>60 00</b></td><td></td><td>\$0.00</td><td>\$0.00</td></th<>		- 0040			<b>6</b> 0.00		<b>60.00</b>	<b>60.00</b>	<b>6</b> 0.00		<b>60.00</b>	<b>*</b> 0.00		<b>60.00</b>	<b>*</b> ****	<b>60 00</b>		\$0.00	\$0.00
Behr         101-2016         0.1         0.007         80.00 <th< td=""><td></td><td></td><td>01</td><td>0.09%</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$0.00</td><td>\$0.00</td></th<>			01	0.09%														\$0.00	\$0.00
April         D11-DTF         D2         0.07         Bud         B	Feb-16 2011	11-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Image         Dist         Dist <thdist< th="">         Dist         Dist         <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$0.00</td><td>\$0.00</td></th<></thdist<>																		\$0.00	\$0.00
a.m.         211-2010 (mode)         0.00 (mode)         50.00 (mode)																		\$0.00 \$0.00	\$0.00 \$0.00
index         1000 <t< td=""><td></td><td></td><td>Q2</td><td>0.09%</td><td>\$0.00</td><td>\$0.00</td><td></td><td>\$0.00</td><td></td><td>\$0.00</td><td>\$0.00</td><td></td><td>\$0.00</td><td></td><td>\$0.00</td><td></td><td></td><td>\$0.00</td><td>\$0.00</td></t<>			Q2	0.09%	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00		\$0.00		\$0.00			\$0.00	\$0.00
Specify         21:00%         0.0         90.0         80.0																		\$0.00	\$0.00
BC:0         D13016         OA         0.00%         BC:0         <																		\$0.00 \$0.00	\$0.00 \$0.00
bb::         b::         b::<         b::< <td></td> <td>\$0.00</td> <td>\$0.00</td>																		\$0.00	\$0.00
Index C is 2000         Iso is 2000         15.00																		\$0.00	\$0.00
Product Different Alter Control         Product Alter Alte		11-2016	Q4	0.09%														\$0.00 \$0.00	\$0.00 \$0.00
Jahr         2015 eVT         01         0.000         50.00 <th< td=""><td></td><td></td><td></td><td></td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td><b>Q</b>0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td></th<>					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	<b>Q</b> 0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb.77         2011-0277         CI         0.00%         \$5.60         \$5.60         \$5.80         \$5.00         <																		\$0.00	\$0.00
Image: 1         011:0017         01         000%         \$10.00 </td <td></td> <td>\$0.00 \$0.00</td> <td>\$0.00 \$65.06</td>																		\$0.00 \$0.00	\$0.00 \$65.06
gen_17         2011-2017         C2         0.00%         \$120.27         \$17.07         \$19.443         \$52.97         \$20.00         \$50.00																		\$0.00	\$130.12
Junt         1211-2071         O.D.         0.007         53:00.4         53:74.72         99:94         43:84.81         43:84.78         50:00 <td>Apr-17 2011</td> <td>11-2017</td> <td>Q2</td> <td>0.09%</td> <td>\$120.27</td> <td>\$17.07</td> <td>\$104.83</td> <td>\$5.97</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$195.18</td>	Apr-17 2011	11-2017	Q2	0.09%	\$120.27	\$17.07	\$104.83	\$5.97						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$195.18
july         2011-2077         QD         0.00%         552.06         55.01         55.00         <																		\$0.00 \$0.00	\$260.24 \$325.30
short         2011-2077         Q31-2077         Q32         Q00%         S200.7         S20.67         S20.67         S20.07         S20.07 <ths20.07< th=""> <ths20.07< th="">         S20.07<td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$0.00</td><td>\$325.30</td></ths20.07<></ths20.07<>																		\$0.00	\$325.30
Oct-17         D211-D017         O4         0.1%         Status         Status <td>Aug-17 2011</td> <td>11-2017</td> <td>Q3</td> <td>0.09%</td> <td>\$280.64</td> <td></td> <td>\$244.60</td> <td>\$13.92</td> <td></td> <td>-\$69.69</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$455.43</td>	Aug-17 2011	11-2017	Q3	0.09%	\$280.64		\$244.60	\$13.92		-\$69.69	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$455.43
No.71         2011-2017         64         0.13%         5547.0         \$77.60         \$27.71         47.148         41.53.76         \$0.00																		\$0.00	\$520.49
De-17         201-2017         64         0.01%         50.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$0.00 \$0.00</td><td>\$798.47 \$887.19</td></t<>																		\$0.00 \$0.00	\$798.47 \$887.19
Announ Classed         Sola 4         Sola 5         Sola 5 <th< td=""><td>Dec-17 2011</td><td></td><td></td><td></td><td>\$601.37</td><td>\$85.36</td><td>\$524.15</td><td>\$29.83</td><td>-\$115.45</td><td>-\$149.34</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$975.91</td></th<>	Dec-17 2011				\$601.37	\$85.36	\$524.15	\$29.83	-\$115.45	-\$149.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$975.91
Openning Battime for 2018         ·         \$30.08         \$40.07					\$3,083.40	\$437.65	\$2,687.46	\$152.92	-\$591.95	-\$765.71	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,003.78
Junit         2011-2018         0.1         0.13%         556.0.4         507.1         532.2.4         532.2.6         5412.0.2         50.00		* 2019			\$2.092.40	\$427.6E	\$2 697 A6	£452.02	£501.05	\$765 74	£0.00	£0.00	£0.00	£0.00	\$0.00	£0.00	£0.00	\$0.00	\$5,003.78
Feb-18         2011/2018         O1         0.13%         \$566.64         \$53.12         \$577.80         \$32.24         \$472.56         \$4162.22         \$50.00         \$50.			Q1	0.13%														\$0.00	\$1,064.63
April         2011-2018         C2         0.16%         \$\$256.61         \$\$177.33         \$\$72.047         \$\$41.00         \$\$156.66         \$\$200.28         \$0.00         \$50.00 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$0.00</td><td>\$1,064.63</td></th<>																		\$0.00	\$1,064.63
May-18         2011-2018         C2         0.116%         \$88.6.61         \$117.33         \$72.0.47         \$41.00         \$158.66         \$202.28         \$0.00         \$5																		\$0.00 \$0.00	\$1,064.63 \$1,341.44
Jui-18         2011-2018         Q2         0.10%         § 826.61         \$17.7.3         \$72.0.47         \$41.00         \$158.66         \$200.258         \$0.00																		\$0.00	\$1,341.44
Aug-16         2011-2016         O.3         0.16%         \$52.66.1         \$117.33         \$77.0.47         \$41.00         \$156.66         \$220.52         \$0.00	Jun-18 2011	11-2018	Q2		\$826.61	\$117.33	\$720.47		-\$158.69	-\$205.28		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,341.44
Sp-18         2011-2018         C4         0.16%         \$826.61         \$17.33         \$720.47         \$41.00         \$158.69         \$200.00         \$0.00 <td></td> <td>\$0.00</td> <td>\$1,341.44 \$1,341.44</td>																		\$0.00	\$1,341.44 \$1,341.44
Oc+18         2011/2016         O4         0.18%         §840.07         \$134.77         §227.20         \$47.07         \$182.20         \$228.66         \$0.00 <td></td> <td>\$0.00</td> <td>\$1,341.44</td>																		\$0.00	\$1,341.44
Dec:18         2011-2016         Q4         0.18%         \$\$40.07         \$\$182.20         \$\$22.869         \$0.00\$																		\$0.00	\$1,540.17
Total for 2018         v         \$12,258.43         \$1,825.11         \$11,207.27         \$637.73         \$2,488.55         \$3,193.18         \$0.00																		\$0.00 \$0.00	\$1,540.17 \$1,540.17
Amount Cleare         vs		111-2018	Q4	0.18%														\$0.00	\$1,540.17
Jan-19         2011-2019         O1         0.20%         \$1,071-54         \$152.09         \$333.94         \$53.14         \$202.71         \$286.10         \$0.00 </td <td>mount Cleared</td> <td></td>	mount Cleared																		
Feb-19         2011-2019         O1         0.20%         \$1,071-54         \$152.09         \$333.94         \$53.14         -\$205.71         \$268.10         \$0.00			<u>.</u>															\$0.00	\$20,866.81
Mar-19         2011-2019         O1         0.20%         \$1071-54         \$152.09         \$333.34         \$353.14         \$220.71         \$286.10         \$0.00 </td <td></td> <td>\$0.00 \$0.00</td> <td>\$1,738.90 \$1,738.90</td>																		\$0.00 \$0.00	\$1,738.90 \$1,738.90
May-19         2011-2019         O.2         0.18%         \$953.45         \$133.33         \$831.02         \$47.29         \$183.04         \$228.77         \$0.00 <td></td> <td></td> <td></td> <td>0.20%</td> <td>\$1,071.54</td> <td>\$152.09</td> <td>\$933.94</td> <td></td> <td>\$0.00</td> <td>\$1,738.90</td>				0.20%	\$1,071.54	\$152.09	\$933.94											\$0.00	\$1,738.90
Jul-19         2011-2019         G2         0.18%         \$953.45         \$133.33         \$831 02         \$47.29         <1818.04         \$228.77         \$0.00 </td <td></td> <td>\$0.00</td> <td>\$1,547.27</td>																		\$0.00	\$1,547.27
Jul-19         2011-2019         0.3         0.18%         \$\$63.46         \$133.33         \$\$31.02         \$\$47.29         \$183.04         \$\$228.77         \$0.00<																		\$0.00 \$0.00	\$1,547.27 \$1,547.27
Sp-19         2011-2019         Q3         0.18%         \$833.45         \$133.33         \$831.02         \$47.29         \$183.04         \$228.77         \$0.00 <td>Jul-19 2011</td> <td>11-2019</td> <td>Q3</td> <td>0.18%</td> <td>\$953.45</td> <td>\$135.33</td> <td>\$831.02</td> <td>\$47.29</td> <td>-\$183.04</td> <td>-\$236.77</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$1,547.27</td>	Jul-19 2011	11-2019	Q3	0.18%	\$953.45	\$135.33	\$831.02	\$47.29	-\$183.04	-\$236.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,547.27
Oc+19         2011-2019         O4         0.18%         \$93.3.4         \$13.3.3         \$831 02         \$47.29         \$183.04         \$228.77         \$0.00 <td></td> <td>\$0.00</td> <td>\$1,547.27</td>																		\$0.00	\$1,547.27
Nor-19         2011-2019         O4         0.18%         \$\$33.33         \$\$31.02         \$\$47.29         \$\$183.04         \$\$23.677         \$\$0.00         \$\$																		\$0.00 \$0.00	\$1,547.27 \$1.547.27
Total for 2019         s24,654.08         \$3,499.36         \$21,488.22         \$1,222.74         \$4,733.06         \$6,122.43         \$0.00	Nov-19 2011	11-2019	Q4	0.18%	\$953.45	\$135.33	\$831.02	\$47.29	-\$183.04	-\$236.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,547.27
Amount Cleared         v		11-2019	Q4	0.18%														\$0.00 \$0.00	\$1,547.27 \$40.008.91
Opening Balance for 2020         524,654.08         \$3,493.36         \$21,222.74         \$4,733.06         \$56,122.43         \$0.00         \$0.					\$24,654.08	\$3,499.36	\$21,488.22	\$1,222.74	-\$4,733.06	-\$6,122.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40,008.91
Jan-20         2011-2020         01         0.18%         \$953.45         \$135.33         \$831 02         \$47.29         <1818.04         -\$228.77         \$0.00 </td <td>pening Balance for 2</td> <td>r 2020</td> <td></td> <td>\$0.00</td> <td>\$40,008.91</td>	pening Balance for 2	r 2020																\$0.00	\$40,008.91
Mar.20         2011-2020         O1         0.18%         \$953.45         \$135.33         \$\$831 02         \$47.29         ~1818.04         ~8238.77         \$50.00         \$	Jan-20 2011	11-2020			\$953.45		\$831.02	\$47.29				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,547.27
Ap-20         2011-2020         Q2         0.18%         \$\$33.35         \$\$31.02         \$\$47.29         \$\$183.04         \$\$238.77         \$\$0.00         \$\$0																		\$0.00 \$0.00	\$1,547.27 \$1,547.27
May-20         2011-2020         Q2         0.18%         \$\$35.35         \$\$31.02         \$\$47.29         \$\$183.04         \$\$236.77         \$\$0.00         \$\$																		\$0.00	\$1,547.27
Jul-20         2011-202         Q3         0.05%         \$\$249.30         \$\$35.38         \$\$271.28         \$\$47.86         \$\$61.91         \$\$0.00         \$\$0	May-20 2011	11-2020																\$0.00	\$1,547.27
Aug-20         2011-2020         Q3         0.05%         \$249.30         \$35.38         \$217.28         \$12.36         \$47.86         \$61.91         \$0.00																		\$0.00 \$0.00	\$1,547.27 \$404.56
Sep-20         2011-2020         Q3         0.05%         \$\$249.30         \$\$35.38         \$\$277.28         \$\$47.86         -\$\$61.91         \$0.00 </td <td></td> <td>\$0.00</td> <td>\$404.56</td>																		\$0.00	\$404.56
	Sep-20 2011	11-2020		0.05%	\$249.30						\$0.00	\$0.00	\$0.00					\$0.00	\$404.56
									-\$47.86 -\$47.86									\$0.00	\$404.56
N0420 2011-2222 Q4 0005% 5249.30 35.53 22/12.28 347.56 561.91 \$0.00 \$0.				0.05%	\$249.30 \$249.30	\$35.38 \$35.38	\$217.28 \$217.28	\$12.36 \$12.36		-\$61.91 -\$61.91	\$0.00 \$0.00	\$404.56 \$404.56							
Total for 2020 \$1.870.54 \$4,523.65 \$22,778.01 \$1,580.65 \$-\$6,118.47 \$7,514.52 \$0.00																		\$0.00	\$51,719.87
Amount Cleared																			
Opening Balance for 2021         \$31,870.54         \$4,523.65         \$27,778.01         \$1,580.65         -\$6,118.47         -\$7,314.52         \$0.00 <t< td=""><td>pening Balance for 2</td><td>r 2021</td><td></td><td></td><td>\$31,870.54</td><td>\$4,523.65</td><td>\$27,778.01</td><td>\$1,580.65</td><td>-\$6,118.47</td><td>-\$7,914.52</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$51,719.87</td></t<>	pening Balance for 2	r 2021			\$31,870.54	\$4,523.65	\$27,778.01	\$1,580.65	-\$6,118.47	-\$7,914.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51,719.87

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

Step: Portfolio	#1 Program	Initiative	LDC	Sector	Conservation Resource Type	#3 (Implementation) Year	#2 Identify Source of Repo	#4 t Identify Status of Savings	#1 Net Verifie	ed Annual I	eak Dema	nd Saving	at the En	ıd-User Leve	el (kW)						
									2011	2013	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Tier 1	Consumer	Appliance Exchange	London Hydro Inc.	Residential	EE		1 2011 Results Persistence		12	12	12	5	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Appliance Retirement	London Hydro Inc.	Residential	EE		1 2011 Results Persistence		167	167	167	153	84								0
Tier 1	Consumer	Bi-Annual Retailer Event	London Hydro Inc.	Residential	EE		1 2011 Results Persistence		46	46	46	46	43		32	32	38	18	3	3	3
Tier 1	Consumer	Conservation Instant Coupon Booklet	London Hydro Inc.	Residential	EE	201	1 2011 Results Persistence	Current year savings	32 1.052	32 1.052	32 1.052	32 1.052	30 1.052		24 1.052	23 1.052	27 1.052	15 1.052	2	2	2
Tier 1	Consumer	HVAC Incentives	London Hydro Inc.	Residential	EE	201	1 2011 Results Persistence	Current year savings	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052
Tier 1	Business	Retailer co-op Demand Response 3 (part of the Industrial pro	London Hydro Inc.	Commercial & Institutional	DB	201	1 2011 Results Persistence 1 2011 Results Persistence	Current year savings	487												
Tier 1	Business	Direct Install Lighting	London Hydro Inc.	Commercial & Institutional	EE		1 2011 Results Persistence		487	56	56	52	52	51	9	9	9	9	9	9	
Tier 1	Business	Retrofit	London Hydro Inc.	Commercial & Institutional	FF	201	1 2011 Results Persistence	Current year savings	1.034	1.034	1.034	1.024	861		640	584	500	500	497	416	159
Tier 1	Industrial	Demand Response 3	London Hydro Inc.	Industrial	DR	201	1 2011 Results Persistence	Current year savings	2,137	0	0	0									0
Tier 1	Industrial	Retrofit	London Hydro Inc.	Industrial	EE	201	1 2011 Results Persistence	Current year savings	128	128	128	127	127	127	111	104	86	86	85	85	0
Tier 1	Pre-2011 Pro	Electricity Retrofit Incentive Program	London Hydro Inc.	Commercial & Institutional	EE	201	1 2011 Results Persistence	Current year savings	1,359	1,359	1,359	1,359	1,359		1,359	1,359	1,359	1,359	1,359	1,359	1,359
Tier 1	Pre-2011 Pro	BHigh Performance New Construction	London Hydro Inc.	Commercial & Institutional	EE		1 2011 Results Persistence		169	169	169	169	169		169	169	169	169	169	169	169
Tier 1	Business	Direct Install Lighting	London Hydro Inc.	C&I	EE	201	2 2012 Results Persistence	Current year savings	0	61	61	58	52	52	13	13	13	13	13	11	11
Tier 1	Business	Retrofit	London Hydro Inc.	C&I	EE	201	2 2012 Results Persistence	Current year savings	0	2,148	2,078	2,010	1,778		1,615	1,590	1,590	1,548	1,199	1,165	1,165
Tier 1	Business	High Performance New Construction	London Hydro Inc.	C&I Residential	EE		2 2012 Results Persistence		0	5	5	5	5	5	5	5	5	5	0	0	0
Tier 1	Consumer	Appliance Exchange	London Hydro Inc.	Residential	EE		2 2012 Results Persistence		0	10	10	10 179	10								U
Tier 1 Tier 1	Consumer	Appliance Retirement Bi-Annual Retailer Event	London Hydro Inc. London Hydro Inc.	Residential	EE		2 2012 Results Persistence 2 2012 Results Persistence		0	40	40	40	40		31	23	23	23	15	6	6
Tier 1	Consumer	Conservation Instant Coupon Booklet	London Hydro Inc.	Residential	FF	201	2 2012 Results Persistence 2 2012 Results Persistence	Current year savings	0	40	40	40	40		6	23	23	23	5	0	0
Tier 1	Consumer	HVAC Incentives	London Hydro Inc.	Residential	EE	201	2 2012 Results Persistence	Current year savings	0	652	652	652	652	<b>U</b>	652	652	652	652	652	652	652
Tier 1	Home Assista		London Hydro Inc.	Residential	EE		2 2012 Results Persistence		0	29	29	29	29	29	29	29	29	17	11	11	11
Tier 1	Industrial	Demand Response 3	London Hydro Inc.	Industrial	DR		2 2012 Results Persistence		0	994	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Pre-2011 Pro		London Hydro Inc.	C&I	EE		2 2012 Results Persistence		0	95	95	95	95	95	95	95	95	95	95	95	95
Tier 1	Business	Demand Response 3 (part of the Industrial pro	g London Hydro Inc.	C&I	DR		2 2012 Results Persistence		0	533	0	0					0	0	0		0
Tier 1	Industrial	Energy Manager	London Hydro Inc.	Industrial		201	2 2012 Results Persistence	Current year savings	0	1	1	1	1	1	1	1	1	1	1	1	1
Non-Tier 1	Industrial	Demand Response 3	London Hydro Inc.	Industrial	DR		2 2012 Results Persistence		0	828											0
Non-Tier 1	Business	Demand Response 3	London Hydro Inc.	Business	DR	201	2 2012 Results Persistence	Current year savings	0	604	0	0	0	0	0	0	0	0	0	0	0
Tier 1 - 2011 Adjustment	Business	Retrofit	London Hydro Inc.	C&I	EE		1 2012 Results Persistence		56	56	56	52	47		37	37	32	32	31	30	9
Tier 1 - 2011 Adjustment	Business	Direct Install Lighting	London Hydro Inc.	C&I	EE		1 2012 Results Persistence		9	9	9	2	2		0	0	0	0	0	0	0
Tier 1 - 2011 Adjustment Tier 1 - 2011 Adjustment	Business Pre-2011 Pro	Energy Audit High Performance New Construction	London Hydro Inc. London Hydro Inc.	C&I C&I	EE		1 2012 Results Persistence 1 2012 Results Persistence		47	47	47	47	47	0	0	0	0	0	0	0	0
Tier 1 - 2011 Adjustment	Consumer	HVAC Incentives	London Hydro Inc.	Residential	FF		1 2012 Results Persistence		-137	-137	-137	-137	-137	-137	-137	-137	-137	-137	-137	-137	-137
Tier 1 - 2011 Adjustment	Consumer	Bi-Annual Retailer Event	London Hydro Inc.	Residential	FF		1 2012 Results Persistence			3	3	3	3	3	2.57	2	2	0	0	0	
Tier 1 - 2011 Adjustment	Consumer	Conservation Instant Coupon Booklet	London Hydro Inc.	Residential	EE		1 2012 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Energy Audit Funding	London Hydro Inc.	Commercial & Institutional	EE		2 2013 Results Persistence		0	5	5	5	5	0	0	0	0	0	0	0	0
LDC	Business	Energy Audit Funding	London Hydro Inc.	Commercial & Institutional	EE	201	3 2013 Results Persistence	Current year savings	0		150	150	150	150							0
LDC	Business	DR-3	London Hydro Inc.	Commercial & Institutional	DR		3 2013 Results Persistence		0		547										
LDC	Business	New Construction	London Hydro Inc.	Commercial & Institutional	EE		3 2013 Results Persistence		0		6	6	6	6	6	6	6	6	6	6	6
LDC	Business	Retrofit	London Hydro Inc.	Commercial & Institutional	EE		2 2013 Results Persistence		0	161	161	138	136		106	106	106	106	104	98	98
LDC	Business Business	Retrofit Small Rusiness Lighting	London Hydro Inc. London Hydro Inc.	Commercial & Institutional Commercial & Institutional	EE		2 2013 Results Persistence 2 2013 Results Persistence		0	0	1,823	1,755	1,726	1,566	1,428	1,403	1,403	1,403	1,354	1,227	1,069
LDC	Business	Small Business Lighting Small Business Lighting	London Hydro Inc.	Commercial & Institutional	FF		3 2013 Results Persistence		0	0	167	167	162	147	78	78	78	78	78	78	76
LDC	Consumer	Annual Coupons	London Hydro Inc.	Residential	FF		3 2013 Results Persistence		0		14	14	14		12	12	12	12	9	9	7
LDC	Consumer	Appliance Exchange	London Hydro Inc.	Residential	EE		3 2013 Results Persistence		0		22	22	22	22							0
LDC		Appliance Retirement	London Hydro Inc.	Residential	EE		3 2013 Results Persistence		0		174	174	174	143	51						
LDC	Consumer	Bi-Annual Retailer Events	London Hydro Inc.	Residential	EE	201	3 2013 Results Persistence	Current year savings	0		32	32	31	24	24	24	24	24	21	21	15
LDC	Consumer	Home Assistance Program	London Hydro Inc.	Residential	EE		3 2013 Results Persistence		0		42	42	42		38	36	36	36	27	19	18
LDC	Consumer	HVAC	London Hydro Inc.	Residential	EE		3 2013 Results Persistence		0	0	591	591	591	591	591	591	591	591	591	591	591
LDC LDC	Consumer Industrial	HVAC	London Hydro Inc. London Hydro Inc.	Residential Industrial	EE		2 2013 Results Persistence 3 2013 Results Persistence		0	7	7 1,905	7	7	7	7	7	7	7	7	7	7
LDC	Industrial	Energy Manager	London Hydro Inc.	Industrial	EE		3 2013 Results Persistence		0	0	273	9	9	9	0	0	0	0	0	0	0
LDC	Industrial	Energy Manager	London Hydro Inc.	Industrial	FF	201	2 2013 Results Persistence	Adjustment	0	68	0	0	0	0							0
Non-LDC	Business	DR-3	London Hydro Inc.	Commercial & Institutional	DR		3 2013 Results Persistence		0		398										0
Non-LDC	Industrial	DR-3	London Hydro Inc.	Industrial	DR		3 2013 Results Persistence		0		224										0
LDC	Consumer	Appliance Retirement	London Hydro Inc.	Residential	EE	201	3 2013 Results Persistence	Current year savings	0		0	0	0	0	0						0
LDC	Consumer	HVAC	London Hydro Inc.	Residential	EE		2 2013 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Direct Install Lighting	London Hydro Inc.	Commercial	EE		3 2014 Results Persistence		0		3	3	3	······	1	1	1	1	1	1	1
LDC	Business	Direct Install Lighting	London Hydro Inc. London Hydro Inc.	Commercial	EE		4 2014 Results Persistence		0	0	0	365 2	359	347	233	233	233	233	233	233	233
LDC LDC	Business Business	Energy Audit	London Hydro Inc. London Hydro Inc.	Commercial Commercial	FF	201	1 2014 Results Persistence 2 2014 Results Persistence	Adjustment	2	2	2	2	0								0
IDC	Business	Energy Audit	London Hydro Inc.	Commercial	FF		3 2014 Results Persistence		0	0	0	0	0	0							0
LDC	Business	Energy Audit	London Hydro Inc.	Commercial	EE		3 2014 Results Persistence		0		335	335	335	335							0
LDC	Business	Energy Audit	London Hydro Inc.	Commercial	EE	201	4 2014 Results Persistence	Current year savings	0		0	80	80	80	80				0		0
LDC	Business	Retrofit	London Hydro Inc.	Commercial	EE	201	2 2014 Results Persistence	Adjustment	0	108	108	108	108	102	81	77	77	77	59	17	17
LDC	Business	Retrofit	London Hydro Inc.	Commercial	EE		3 2014 Results Persistence		0		376	339	338	338	331	329	329	329	322	306	282
LDC	Business	Retrofit	London Hydro Inc.	Commercial	EE		4 2014 Results Persistence		0			1,638	1,616		1,536	1,536	1,534	1,483	1,483	1,397	1,182
LDC	Consumer	Appliance Exchange	London Hydro Inc.	Residential	EE		4 2014 Results Persistence		0	0	0	25	25	25	25	0	0	0	0	0	0
LDC LDC	Consumer	Appliance Retirement	London Hydro Inc.	Residential	FF		4 2014 Results Persistence		0			45 84	45 84		0 84						0
LDC	Consumer	Appliance Retirement Appliance Retirement	London Hydro Inc.	Residential	EE		4 2014 Results Persistence 4 2014 Results Persistence		0			84 31	84 31	84 31	84 31						0
LDC	Consumer	Appliance Retirement	London Hydro Inc.	Residential	FF	201	4 2014 Results Persistence 4 2014 Results Persistence	Current year savings	0			58	51	58	58	58					0
LDC	Consumer	Bi-Annual Retailer Event	London Hydro Inc.	Residential	EE		4 2014 Results Persistence		0	0	0	220	192		177	177	177	177	177	177	165
LDC	Consumer	Conservation Instant Coupon Booklet	London Hydro Inc.	Residential	EE		3 2014 Results Persistence		0	0	0	0	192		0	0	0	0	0	0	105
LDC	Consumer	Conservation Instant Coupon Booklet	London Hydro Inc.	Residential	EE	201	4 2014 Results Persistence	Current year savings	0			58	54		53	53	53	53	52	52	46
LDC	Home Assista	Home Assistance Program	London Hydro Inc.	Residential	EE	201	2 2014 Results Persistence	Adjustment	1	1	1	1	1		1	1	1	1	1	0	0
LDC	Home Assista		London Hydro Inc.	Residential	EE		4 2014 Results Persistence		0			74	74		70	69	69	69	69	59	33
LDC	Consumer	HVAC Incentives	London Hydro Inc.	Residential	DR	201	3 2014 Results Persistence	Adjustment	0		31	31	31		31	31	31	31	31	31	31
LDC	Consumer	HVAC Incentives	London Hydro Inc.	Residential	EE		4 2014 Results Persistence		0			716	716		716	716	716	716	716	716	716
LDC	Consumer	Residential New Construction	London Hydro Inc.	Residential	EE	201	4 2014 Results Persistence	Current year savings	0			4	4	-	4	4	4	4	4	4	4
LDC	Industrial	Monitoring & Targeting	London Hydro Inc.	Industrial	EE		4 2014 Results Persistence		0		0	102	102		102	102	102	102	102	102	102
LDC	Industrial	PSUI	London Hydro Inc.	Industrial	EE		3 2014 Results Persistence		0		59	59	59	59	59	34	34	34	34	34	0
LDC	Other	Time-of-Use Savings	London Hydro Inc.	Other	DR		4 2014 Results Persistence		0			1,707									0
non-Tier 1 non-Tier 1	Business Industrial	Demand Response 3 Demand Response 3	London Hydro Inc. London Hydro Inc.	Commercial Industrial	DR	201	4 2014 Results Persistence 4 2014 Results Persistence	Current year savings	0			466 211									
non-Tier 1 Tier 1	Business	Demand Response 3 Demand Response 3	London Hydro Inc. London Hydro Inc.	Industrial Commercial	DR		4 2014 Results Persistence 4 2014 Results Persistence		0			211 489									
Tier 1	Industrial	Demand Response 3	London Hydro Inc.	Industrial	DR		4 2014 Results Persistence		0	0	0	1,706	0	0	0	0	0	0	0	0	0
1161 4	muusuial	bemana nesponse s	condon riyuro inc.	industrial	50	201	- 2014 Results Persistence	Current year savings	0			1,700									

Portfolio	Program Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	rt Identify Status of Savings	Net Verifie	ed Annual	Peak Demar	ıd Savings	at the End	-User Leve	l (kW)						
								2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Tier 1	Industrial Energy Managers	London Hydro Inc.	Industrial	EE	201	2014 Results Persistence	Adjustment	0	N 125	۵ 192	192	192	5 192	103	103	103	103	55	N 40	۵۵ 16
Tier 1	Industrial Energy Managers	London Hydro Inc.	Industrial	EE		2014 Results Persistence		0		65	329	217	216	225	225	225	225	225	225	225
Tier 1	Industrial Energy Managers	London Hydro Inc.	Industrial	EE		2014 Results Persistence		0			302	272	237	237	237	237	237	237	237	234
	Residential Coupon Initiative	London Hydro Inc.				2015 Results Persistence						36	35	35	35	35	35	35	35	35
	Residential Bi-Annual Retailer Event Initiative	London Hydro Inc.			201	2015 Results Persistence	Current year savings					69	67	67	67	67	67	67	67	67
	Residential Appliance Retirement Initiative	London Hydro Inc.			201	2015 Results Persistence	Current year savings					198	198	198	183	125				0
	Residential HVAC Incentives Initiative	London Hydro Inc.			201	2015 Results Persistence	Current year savings					514	514	514	514	514	514	514	514	514
	Residential Residential New Construction and Major Renov	London Hydro Inc.			201	2015 Results Persistence	Current year savings													0
	Commercial a Energy Audit Initiative	London Hydro Inc.			201	2015 Results Persistence	Current year savings					30	30	30	30	0	0	0	0	0
		London Hydro Inc.			201	2015 Results Persistence	Current year savings					2,064	2,064	1,986	1,954	1,954	1,954	1,870	1,870	1,832
	Commercial a Direct Install Lighting and Water Heating Initiat	London Hydro Inc.		_	201	2015 Results Persistence	Current year savings					304	278	198	195	195	195	195	195	195
	Commercial a New Construction and Major Renovation Initiat	London Hydro Inc.		-	201	2015 Results Persistence	Current year savings													0
	Commercial a Existing Building Commissioning Incentive Initia	London Hydro Inc.			201	2015 Results Persistence	Current year savings					192	192	192	192	192	192	192	192	192
	Industrial Prog Process and Systems Upgrades Initiatives - Proj Industrial Prog Process and Systems Upgrades Initiatives - Ener	London Hydro Inc.				2015 Results Persistence						313	313	313	313	313	313	313	313	47
	Industrial Prograces and Systems Opgrades Initiatives - Cher Industrial Prograces and Systems Upgrades Initiatives - Mor					2015 Results Persistence						313	313	313	313	313	313	313	313	47
	Low Income P Low Income Initiative	London Hydro Inc.				2015 Results Persistence						117	108	107	105	105	105	105	105	93
	Other Loblaws Pilot	London Hydro Inc.			201	2015 Results Persistence	Current year savings					0	0	0	0	0	0	0	0	0
	Other Social Benchmarking Pliot	London Hydro Inc.			201	2015 Results Persistence	Current year savings													0
	Other Conservation Fund Pilot - SEG	London Hydro Inc.			201	2015 Results Persistence	Current year savings													0
	Other Conservation Fund Pilot - EnerNOC	London Hydro Inc.			201	2015 Results Persistence	Current year savings													0
	Other Aboriginal Conservation Program	London Hydro Inc.			201	2015 Results Persistence	Current year savings									0	0	0		0
	Other Program Enabled Savings	London Hydro Inc.			201	2015 Results Persistence	Current year savings													0
	CFF Residentia Save on Energy Coupon Program	London Hydro Inc.			201	2015 Results Persistence	Current year savings					154	153	153	153	153	153	153	152	152
	CFF Residentia Save on Energy Heating and Cooling Program	London Hydro Inc.				2015 Results Persistence						245	245	245	245	245	245	245	245	245
	CFF Residentia Save on Energy Home Assistance Program	London Hydro Inc.			201	2015 Results Persistence	Current year savings					30	28	28	28	28	28	28	28	25
	CFF Business Save on Energy Audit Funding Program	London Hydro Inc.			201	2015 Results Persistence	Current year savings													0
	CFF Business Save on Energy Retrofit Program	London Hydro Inc.			201	2015 Results Persistence	Current year savings					147	147	146	146	146	146	138	138	138
	CFF Residentia Save on Energy Coupon Program	London Hydro Inc.				2016 Results Persistence						15	15	15	15	15	15	15	15	15
	CFF Residentia Save on Energy Heating & Cooling Program	London Hydro Inc.			201	2016 Results Persistence	Adjustment					30	30	30	30	30	30	30	30	30
	CFF Residentic Save on Energy New Construction Program	London Hydro Inc.			201	2016 Results Persistence	Adjustment									0	0	0		0
	CFF Residentia Save on Energy Home Assistance Program	London Hydro Inc.			201	2016 Results Persistence	Adjustment													0
	CFF Business Save on Energy Audit Funding Program	London Hydro Inc.			201	2016 Results Persistence	Adjustment													0
	CFF Business Save on Energy Retrofit Program	London Hydro Inc.			201	2016 Results Persistence	Adjustment					256	252	250	250	250	250	240	240	235
	Residential Coupon Initiative	London Hydro Inc.			201	2016 Results Persistence	Adjustment					0	0	0	0	0	0	0	0	0
	Residential Bi-Annual Retailer Event Initiative	London Hydro Inc.		-	201	2016 Results Persistence	Adjustment					0	0	7	0	0	0	0	0	0
	Residential HVAC Incentives Initiative	London Hydro Inc.			201	2016 Results Persistence	Adjustment					/	/	/	/	/	/	/	/	/
	Commercial a Energy Audit Initiative	London Hydro Inc.			201:	2016 Results Persistence	Adjustment					34	34	34	34	69	69	69	69	69
		London Hydro Inc.				2016 Results Persistence						246	246	246	226	226	226	217	217	207
	Commercial a Direct Install Lighting and Water Heating Initiat	London Hydro Inc.	-	-	201	2016 Results Persistence	Adjustment					240	240	240	01	0	0.220	0:	217	207
	Commercial a New Construction and Major Renovation Initiat	London Hydro Inc.			201	2016 Results Persistence	Adjustment					21	21	21	21	21	21	21	21	21
	CFF Residentia Save on Energy Coupon Program	London Hydro Inc.		-		2016 Results Persistence							716	716	716	716	716	716	716	716
		London Hydro Inc.				2016 Results Persistence							685	685	685	685	685	685	685	685
	CFF Residenti: Save on Energy New Construction Program	London Hydro Inc.			2010	2016 Results Persistence	Current year savings													0
	CFF Residentia Save on Energy Home Assistance Program	London Hydro Inc.			2010	2016 Results Persistence	Current year savings						183	183	183	183	183	167	167	167
	CFF Business Save on Energy Audit Funding Program	London Hydro Inc.			2016	2016 Results Persistence	Current year savings						2	2	2	2	2	2	2	2
	CFF Business Save on Energy Retrofit Program	London Hydro Inc.			2016	2016 Results Persistence	Current year savings						1,350	1,323	1,323	1,323	1,323	1,283	1,283	1,283
	CFF Business Save on Energy Small Business Lighting Program	London Hydro Inc.			2010	2016 Results Persistence	Current year savings													0
	CFF Business Save on Energy High Performance New Constru	London Hydro Inc.			2010	2016 Results Persistence	Current year savings													0
	CFF Business Save on Energy Existing Building Commissioning	London Hydro Inc.			2010	2016 Results Persistence	Current year savings													0
	CFF Business Save on Energy Process & Systems Upgrades Pr					2016 Results Persistence							38	38	38	38	38	38	38	38
	CFF Business Save on Energy Energy Manager Program	London Hydro Inc.			2010	2016 Results Persistence	Current year savings						36	36	36	36	36	36	36	36
	urr Other Proposed Program or Pilot	London Hýdro Inc.		-	2010	2016 Results Persistence	Current year savings													0
	Conservation Home Depot Home Appliance Market Uplift Con					2016 Results Persistence			_		_		0	0	0	0	0	0	0	0
	CFF Business Save on Energy Retrofit Program	London Hydro Inc.				2017 Results Persistence						12	16	19	19	19	19	37	37	37
	Commercial a Efficiency: Equipment Replacement Incentive In Commercial a Direct Install Lighting and Water Heating Initiat					2017 Results Persistence						288 -98	288	366	408 17	408 17	408 17	500 17	500 17	509
	Commercial a Direct Install Lighting and Water Heating Initiat											-98		9						17
	CFF Residentia Save on Energy Coupon Program	London Hydro Inc. London Hydro Inc.				2017 Results Persistence							95	95 4	95 4	95 4	95	95 4	95	95 4
	CFF Residentia Save on Energy Heating & Cooling Program CFF Residentia Save on Energy Home Assistance Program	London Hydro Inc. London Hydro Inc.				2017 Results Persistence 2017 Results Persistence							4 24	4 24	4 24	4 24	4 24	4 22	4 22	4
	CFF Residentia Save on Energy Home Assistance Program CFF Business Save on Energy Retrofit Program	London Hydro Inc.				2017 Results Persistence							24	24	2.576	2.576	2.576	2.563	2 563	2.563
		London Hydro Inc.				2017 Results Persistence							528	528	528	528	528	528	528	528
	CFF Business Save on Energy Process & Systems Opgrades Pr CFF Business Save on Energy Energy Manager Program	London Hydro Inc.				2017 Results Persistence							98	528 80	80	528 80	526 80	528 80	80	80
	CFF Residentia Save on Energy Coupon Program	London Hydro Inc.				2017 Results Persistence			_				50	858	696	696	696	696	696	696
	CFF Residentia Save on Energy Instant Discount Program	London Hydro Inc.				2017 Results Persistence								793	579	579	579	579	579	579
	CFF Residentia Save on Energy Heating & Cooling Program	London Hydro Inc.				2017 Results Persistence								498	498	498	498	498	498	498
	CFF Residentia Save on Energy Home Assistance Program	London Hydro Inc.				2017 Results Persistence								76	76	76	76	76	76	76
	CFF Business Save on Energy Retrofit Program	London Hydro Inc.				2017 Results Persistence								4,292	4,741	4,741	4,741	4,741	4,559	4,559
	CFF Business Save on Energy Energy Manager Program	London Hydro Inc.				2017 Results Persistence								23	21	21	11	11	11	11
	CFF Centrally Save on Energy Energy Performance Program for					2017 Results Persistence														0
	CFF Centrally Whole Home Pilot Program	London Hydro Inc.				2017 Results Persistence								92	92	92	92	92	91	91
P&C Rep	CFF Business Save on Energy Retrofit Program	London Hydro Inc.				2019 Results Persistence						4	4	4	4	4	4			
P&C Rep	CFF Business Save on Energy Retrofit Program	London Hydro Inc.				2019 Results Persistence							169	169	181	181	181	182		
P&C Rep	CFF Residentia Save on Energy Coupon Program	London Hydro Inc.				2019 Results Persistence														
P&C Rep	CFF Residentia Save on Energy Heating & Cooling Program	London Hydro Inc.			201	2019 Results Persistence	Adjustment													
		London Hydro Inc.			201		A disector and							1.056	1,105	1,099	1,099	1.099	1.101	
P&C Rep P&C Rep	CFF Business Save on Energy Retrofit Program CFF Business Save on Energy Energy Manager Program	London Hydro Inc.			201.	2019 Results Persistence 2019 Results Persistence	Adjustment							269	249	249	1,055	153	153	

#### fied Program Results and Persistence into Future

#1 Program	Initiative									#1 Net Verified Annual Energy Savings at the End-User Level (kWh)																		
		2024	2025	2026	2027	2028	2029	203(	2031	2032	2033	203/	2035	2036	203	2038	2039	2040	2011	2012	2013	201/	2015	2016	2013	2018	2019	202(
Consumer	Appliance Exchange	0		0	0 0		0 0	0 0	0	0	0	0	0	0	0	0	0	0	15,910	15,910	15,910	9,765	0	0	0	0	0	
	Appliance Retirement							0 0										0	1,002,610		1,002,610	990,701	640,760		0			
	Bi-Annual Retailer Event	2		2	2 0													0	802,521	802,521	802,521	802,521	733,445	657,982	496,077	494,267	638,806	204,987
	Conservation Instant Coupon Booklet	2		2	2 0			0 0							0			0	512,644	512,644	512,644	512,644	471,654	426,873	334,117	331,974	417,744	160,312
Consumer	HVAC Incentives	1,052	1,05	2 1,05	2 1,052	1,05	52 828	<b>B</b> 0			0	0			0	0		0	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
Consumer	Retailer Co-op															0		0	0	0	0	0	0	0	0	0	0	0
	Demand Response 3 (part of the Industrial prog															0		0	19,012	145.809	145.809	133.724	133.724	133.695	25.775	25.775	25.775	0
	Direct Install Lighting Retrofit	103	10	0	4 32		32 32	2 32								0		0	145,929 5,260,353	145,809 5,260,353	5,260,353	5,224,701	4,362,381	3,995,993	3,496,931	3,223,770	25,775	25,775
Industrial	Demand Response 3	103	10	0 3	4 32		32 34	2 32										0	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
Industrial	Retrofit															0		0	756,174	756,174	756,174	753,196	753,196	753,196	691,186	669,581	606,178	606,178
	Electricity Retrofit Incentive Program															0	0	0	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
Pre-2011 Pro		169	16	9 4	6 46		46 46	5 46	46	46	46	46	46	46				0	865,905	865 905	865 905	865.905	865 905	865 905	865.905	865.905	865.905	865.905
Business	Direct Install Lighting	0		0	0 0	)	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	228,414	228,414	217,603	190,952	190,007	53,569	53,569	53,569	53,569
Business	Retrofit	602	36	6 36	6 131	8	85 85	5 85	85									0	0	10,433,795	10,191,232	9,970,145	9,212,345	9,212,345	8,677,299	8,489,688	8,489,688	8,313,162
Business	High Performance New Construction	0		0	0 0													0	0	19,535	19,535	19,535	19,535	19,535	19,535	19,535	19,535	19,535
Consumer	Appliance Exchange																	0	0	17,215	17,215	17,215	17,163	0	0	0	0	0
Consumer	Appliance Retirement																	0	0	855,873	855,873	855,873	833,428	466,328				
Consumer	Bi-Annual Retailer Event	6		6	6 6	5	2 2	2 2	2							0	0	0	0	731,361	731,361	731,361	731,361	657,447	534,598	364,651	363,893	363,893
Consumer	Conservation Instant Coupon Booklet	0		0	0 0	)												0	0	38,182	38,182	38,182	38,182	37,609	37,609	17,710	17,612	17,612
Consumer	HVAC Incentives	652	65															0	0	1,100,981	1,100,981	1,100,981	1,100,981	1,100,981	1,100,981	1,100,981	1,100,981	1,100,981
	Home Assistance Program	9		9	6 6	5	6 6	6 6	6	6								0	0	304,467	304,467	304,467	304,467	304,467	304,467	304,467	304,467	82,843
Industrial	Demand Response 3																	0	0	23,964		0						
	High Performance New Construction															0		0	0	273,104	273,104	273,104	273,104	273,104	273,104	273,104	273,104	273,104
	Demand Response 3 (part of the Industrial prog	0		0	0 0		0 0	0 0	0						0	0		0	0	7,751	0	0	0	0	0	0	0	0
Industrial	Energy Manager	1		1	1 1		1 :	1 1	1							0		0	0	30,445	30,445	30,445	30,445	30,445	30,445	30,445	30,445	30,445
Industrial	Demand Response 3																	0	0	19,945								
Business Business	Demand Response 3 Retrofit	0		9	9 0		8	8 0	0	0	0	0	0	0	0	0	0	0	297,630	8,779 297,630	297,630	282,789	263,665	247,873	220,043	220,043	200,292	200,292
Business	Direct Install Lighting	9		9	9 0		0									0		0	23,308	23,308	237,830	5.599	203,005	5,599	220,043	220,043	200,292	200,292
	Energy Audit																	0	226,586	226,586	226,586	226,586	226,586	5,599	009	009	009	009
	High Performance New Construction	-2		.2												0		0	-33,545	-33,545	-33.545	-33,545	-33,545	-33,545	-33.545	-33.545	-33,545	-33.545
Consumer	HVAC Incentives	-137	-13	7 -13	7 -137	-13	37 -106	5 0			01	0				0		0	-245,124	-245,124	-245,124	-245,124	-245,124	-245,124	-245,124	-245,124	-245,124	-245,124
	Bi-Annual Retailer Event	0			0 0						0	0			0	0		0	59.625	59.625	59.625	59.625	59.625	54,182	29.252	29.246	29.246	6,452
Consumer	Conservation Instant Coupon Booklet	0		0	0 0													0	7.528	7,528	7.528	7.528	7.528	6.878	4,220	4,214	4,214	1,493
Business	Energy Audit Funding	0		0	0 0	)	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	25,176	25,176	25,176	25,176	0	0	0	0	0
Business	Energy Audit Funding																	0	0		823,663	823,663	823,663	823,663				
Business	DR-3																	0	0		8,163							
Business	New Construction	6		6	6 0													0	0		9,175	9,175	9,175	9,175	9,175	9,175	9,175	9,175
	Retrofit	66	2		9 24		6 4	4 4	4									0	0	695,903	695,903	619,527	610,898	610,898	514,936	510,899	510,899	
	Retrofit	1,069	62	9 33	2 332	30	09 154	4 140	140	140						0		0	0	23,807	8,544,440 23,807	8,327,788	8,238,130	7,651,649	7,208,068	7,087,161	7,087,161	7,076,261 3,663
	Small Business Lighting Small Business Lighting	26																0	0	23,807	628.090	23,807 628.090	19,987 609.274	19,987 552,216	3,663 316.349	3,663 316.349	3,663 316,349	3,663
	Annual Coupons	20		7	7 7	,	7	7 4	4	4						0		0	0	0	210,480	210,480	202.369	171.449	171,449	171,449	171,449	171,306
	Appliance Exchange	0		0	0 0		0	0	<b>4</b> 0	• 0						0	0	0	0		39,900	39,900	39,900	39,900	171,449	1/1,445	171,449	171,300
	Appliance Retirement															0		0	0		711,079	711.079	711.079	680,418	344.788			
Consumer	Bi-Annual Retailer Events	10	1	.0 1	.0 10	) 1	10 8	B 5	5	5								0	0		469,152	469,152	440,884	344,414	344,414	344,414	344,414	344,008
Consumer	Home Assistance Program	18			.6 8	5	8 8	5 0	8	8	8					0	0	0	0		427,264	427,264	427,264	376,700	351,418	326,135	326,135	326,135
Consumer	HVAC	591	59	1 59	1 591	. 59	91 59:	1 591	444									0	0		993,659	993,659	993,659	993,659	993,659	993,659	993,659	993,659
Consumer	HVAC	7		7	7 7	'	7	7 7	6									0	0	13,556	13,556	13,556	13,556	13,556	13,556	13,556	13,556	13,556
Industrial	DR-3																	0	0		43,378							
Industrial	Energy Manager																	0	0		2,171,119	46,963	46,963	46,963				
	Energy Manager																	0	0	719,235	0							
	DR-3	0		0	0 0	)	0 0	0	0	0	01	0	0	0	0	0	0	0	0	0	-15,625	0	0	0	0	0	0	0
																		U	U		8,676	U	U	U	U			
Consumer	Appliance Retirement	0		0	0 0		0 0	0	0									0	0	227	167 227	167	167 227	167 227	90 227	227	227	227
Consumer Business	Direct Install Lighting	0		0	0 0		0 0	0	U	U	01	U	U	0	U 0	0	0	0	U	227	11.414	11.414	11.414	10.923	5.006	5.006	5.006	
Business	Direct Install Lighting	231		4														0	0		11,414	1.343.299	1,321,756	1,272,701	902.596	902.596	902.596	
	Energy Audit	231		0														0	10.998	10,998	10.998	1,545,299	1,521,730	1,272,701	502,596	502,398	302,396	502,590
Business	Energy Audit																	0	0	854	854	854	854					
Business	Energy Audit																	0	0	0	546	546	546	546				
Business	Energy Audit																	0	0		1,842,350	1,842,350	1,842,350	1,842,350				
Business	Energy Audit																	0	0			391,641	391,641	391,641	391,641			
	Retrofit	13	1		.3 12		11 11	1 11	11									0	0	737,353	737,353	737,353	737,353	703,252	627,406	602,248	602,248	595,332
Business	Retrofit	281	28	10 16	161	13		B 4	4	4						0		0	0		1,579,036	1,422,040	1,418,891	1,418,891	1,394,894	1,380,405	1,380,405	1,377,004
	Retrofit	930	89	10 67	0 298	29	98 23:	1 143	143	143	143							0	0			9,903,275	9,824,167	9,824,167	9,539,462	9,539,462	9,527,786	9,136,760
	Appliance Exchange	0	_	0	0 0		0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,333	44,333	44,333	44,333	0	0	0
Consumer	Appliance Retirement																	0	0			40,093	40,093	40,093	0			
Consumer	Appliance Retirement																	0	0			149,902	149,902	149,902	149,902			
Consumer	Appliance Retirement																	0	0			224,935 392,805	224,935 392,805	224,935 392,805	224,935 392,805	0 392,805		
Consumer Consumer	Appliance Retirement Bi-Annual Retailer Event	150	12	0 7 12	7 127		27 12	7 103	103	103	103	0	0	0	0	0	0	0	0	0	0	392,805	2,911,522	392,805	392,805	2,679,748	2,679,748	2.679.748
Consumer	Conservation Instant Coupon Booklet	150			0 0		0 0		103		105							0	0		644	3,356,262	2,911,522 612	2,679,748	2,679,748	2,679,748	2,679,748	2,679,748
	Conservation Instant Coupon Booklet	34	3		4 34		34 34		15		15							0	0		044	768 920	715 988	690.424	690.424	690 424	690.424	
Home Assista		0			0 0		0 (		0		0					0		0	11,114	11,114	11,114	11,114	11,114	9.642	8,905	8.169	8.169	8,169
	Home Assistance Program	32			2 22		10 8		8	8	8	8			0	0		0	0	0	0	544,314	544,310	491,088	464,493	437,898	437,898	437,898
Consumer	HVAC Incentives	31	3	1 3	1 31		31 31			0	0	0						0	0		55,844	55,844	55,844	55,844	55,844	55,844	55,844	55,844
Consumer	HVAC Incentives	716	71				16 716			639					0	0		0	0	0	0	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950
Consumer	Residential New Construction	4			2 0		0 0				0							0	0			58,335	58,335	58,335	58,335	58,335	58,335	58,335
Industrial	Monitoring & Targeting				0 0		0 0	0 0	0	0	0				0	0		0	0			447,517	447,517	447,517	447,517	447,517	447,517	447,517
	PSUI										0	0				0		0	0		624,036	624,036	624,036	624,036	624,036	362,880	362,880	362,880
Industrial																		0	0									
Industrial Other	Time-of-Use Savings																											
	Time-of-Use Savings Demand Response 3							0 0										0	0		0	0	0		0			
Other Business Industrial	Demand Response 3 Demand Response 3															0		0	0			0						
Other Business Industrial Business	Demand Response 3															0		0	0 0 0			0 0 0						

Program	Initiative											Net Verified Annual Energy Savings at the End-User Level (kWh)																
		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2011	2013	2013	2014	2015	2016	2017	2018	2019	2020
Industrial	Energy Managers	0	0	0 0	0 0	0	0	0	0	0	0	0	0	0	C	0 0	0	0	0	430,576	1,149,812	1,149,812	1,149,812	1,149,812	909,512	909,512	909,512	909,512
Industrial	Energy Managers	201	201			187		187	187							0 0			0		368,314	2,492,471	1,413,118	1,402,650	1,449,613	1,390,568	1,390,568	1,390,568
Industrial Residential	Energy Managers Coupon Initiative	234 35	203			203		184 31	184		184	0	0	0	0	0 0	0	0	0	0	0	1,724,297	1,603,337	1,188,530 548,755	1,188,530 548,755	1,188,530 548,755	1,188,530 548,755	1,188,530 548,755
Residential	Bi-Annual Retailer Event Initiative	55	50			43			29		29					0		0					927,828	895,832	895,832	895,832	895,832	895,832
Residential	Appliance Retirement Initiative															0 0							1,086,356	1,086,356	1,086,356	1,072,574	848,136	0
Residential	HVAC Incentives Initiative	514	514	4 514	4 514	514	514	514	514	514	457					0 0							969,515	969,515	969,515	969,515	969,515	969,515
Commercial	Residential New Construction and Major Renov a Energy Audit Initiative															0 0							142,541	142,541	142,541	142,541		0
Commercial		1,560	883	3 870	0 635	456	456	364	199	199	199	199				0							16,903,061	16,903,061	16,654,946	16,552,977	16,552,977	16,551,878
Commercial	Direct Install Lighting and Water Heating Initiat	195	193	3 25	5 0																		1,271,626	1,161,353	870,565	859,908	859,908	859,908
Commercial	New Construction and Major Renovation Initiat																											0
Industrial Pro	Process and Systems Upgrades Initiatives - Proje	192	192	2 192	2 192	192	192									0 0							1,686,160	1,686,160	1,686,160	1,686,160	1,686,160	1,686,160
Industrial Pro	Process and Systems Upgrades Initiatives - Ener	47	15	5 19	5 0											0 0							2,241,334	2,241,334	2,241,334	2,241,334	2,241,334	2,241,334
Industrial Pro	Process and Systems Upgrades Initiatives - Mon	0 55	55	0 ( 5 55	0 0 5 50	0	0	0 12	0	0 12	0 12	0	0 12										1,125,000 905,582	0 745,372	0 712,383	0 679,393	0 679,393	0 679,393
Other	Low Income Initiative	55	55	5 5	5 50	50	12	12	12	12	12	12	12										905,582	/45,3/2	/12,383	679,393	6/9,393	6/9,393
Other	Social Benchmarking Pliot															0 0												0
Other	Conservation Fund Pilot - SEG															0 0												0
Other	Conservation Fund Pilot - EnerNOC Aboriginal Conservation Program															0												0
Other	Program Enabled Savings	0						0			0					0 0							0	0	0		0	0
	Save on Energy Coupon Program	152	138			137		136	37	37	37	37				0							2,402,517	2,382,204	2,382,204	2,382,204	2,382,204	2,382,204
CFF Resident		245 16	245 16			245 14		245 4	245		224	0	0										469,163 235,875	469,163	469,163 187,797	469,163 179,587	469,163 179,587	469,163 179,587
CFF Business	Save on Energy Audit Funding Program	0	(	0 0	0 0	0	0	0	0	0	0	0	0			0 0							233,873	150,000	0	0	0	0
	Save on Energy Retrofit Program	112	48			14			9		9		0	0	C	0 0	0	0					1,075,128	1,075,128	1,070,864	1,070,864	1,070,864	1,070,864
	Save on Energy Coupon Program	15				14			8 30		8					0 0							240,363	236,779	236,779	236,779	236,779	236,779
CFF Resident	Save on Energy Heating & Cooling Program Save on Energy New Construction Program	<b>30</b>	30	J 30	0 30	30	30	<b>30</b>	30	<b>3U</b>	28												58,661	58,661	58,661	58,661	58,661	58,661
CFF Resident	Save on Energy Home Assistance Program							- 0								0							0		0			0
CFF Business	Save on Energy Audit Funding Program																											0
CFF Business Residential	Save on Energy Retrofit Program Coupon Initiative	203	125	5 120	D 58	58	58	41	11	11	11	11							-				1,570,307 6,140	1,558,602 6,140	1,554,016 6,140	1,554,016 6,140	1,554,016 6,140	1,554,016 6,140
Residential	Bi-Annual Retailer Event Initiative	0		D] (	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0					0,140	0,140	0,140	0,140	0,140	0,140
Residential	HVAC Incentives Initiative	7	7	7 7	7 7	7	7	7	7	7	6					0 0							12,833	12,833	12,833	12,833	12,833	12,833
Residential Commercial	Residential New Construction and Major Renov Energy Audit Initiative	0 69	69	9 69	0 0 9 69	0										0 0							0	0 161,725	0	0	0	0
Commercial		172	131			114		92	35	35	35	35	0										1,167,986	1,167,986	1,167,986	1,103,291	1,103,291	1,103,291
Commercial	Direct Install Lighting and Water Heating Initiat	0	(	0 (	0 0	0	0	0	0	0	0	0	0	0	C	0 0	0	0						0				0
connerent	a New Construction and Major Renovation Initiat	21	21			21		0	0	0	0	0	0	0	C	0 0	0	0					178,249	178,249	178,249	178,249	178,249	178,249
CFF Resident	Save on Energy Coupon Program Save on Energy Heating & Cooling Program	716 685	713			688 685		598 685	598 685	258 685	685	625												11,021,446 2,321,294	11,021,446 2,321,294	11,021,446 2,321,294	11,021,446 2,321,294	11,021,446 2,321,294
CFF Resident	Save on Energy New Construction Program											0				0 0								0	0	0	0	0
CFF Resident		167	125		5 125	121	121	121	121	121	121	121	121	0	C	0 0	0	0						2,149,231	2,149,231	2,149,231	2,149,231	2,149,231
	Save on Energy Audit Funding Program Save on Energy Retrofit Program	2 1,270	2 1,270		B 804	320	320	138	30	30	0 30	30	30											13,143 15,706,504	13,143 15,551,202	13,143 15,551,202	13,143 15,551,202	13,143 15,551,202
CFF Business	Save on Energy Small Business Lighting Program	1,270	1,270	0 1,240	0 0	0	0	0	0	0	0	0	0			0								15,700,504	0	0	0	0
CFF Business	Save on Energy High Performance New Constru																											0
CFF Business	Save on Energy Existing Building Commissioning Save on Energy Process & Systems Upgrades Pro	0	38	0 (																				439.257	0 439,257	0 439,257	0 439,257	0 439,257
	Save on Energy Energy Manager Program	36	36		4 14	14	14	14	14	14	14	7	7			0 0								413,119	413,119	348,349	327,463	327,463
CFF Other	Proposed Program or Pilot															0 0												0
	Home Depot Home Appliance Market Uplift Cor Save on Energy Retrofit Program	0	15	0 ( 5 1)		0	0	0	0	0	0	0	0	0	0	0 0	0	0				_	222,588	1,836 234,293	1,836 243,144	1,836 243,182	1,836 243,182	1,836 243,182
	Save on Energy Retront Program Efficiency: Equipment Replacement Incentive Ir	473				105	105	79	30	30	30	30											988,795	988,795	1,236,910	1,370,470	1,370,470	1,370,470
Commercial	a Direct Install Lighting and Water Heating Initiat	17	17	7 20	0 0	0	0	0	0	0	0	0	0	0	C	0 0	0	0					-378,034	-267,762	23,027	59,819	59,819	59,819
	Save on Energy Coupon Program	95	95			96		85	85		0	0	0	0	C	0 0	0	0						1,498,670	1,498,670	1,498,670	1,498,670	1,498,670
	Save on Energy Heating & Cooling Program Save on Energy Home Assistance Program	4	4			4		4 15	4		4 15		0 15											13,713 279,990	13,713 279,990	13,713 279,990	13,713 279,990	13,713 279,990
	Save on Energy Retrofit Program	2,562	2,562	2 2,50		112			10		10		10			0 0								6,615,008	6,770,311	7,973,235	7,973,235	7,973,235
CFF Business	Save on Energy Process & Systems Upgrades Pr	528	528		0 0	0	0	0				0	0			0 0								1,433,063	1,433,063	1,433,063	1,433,063	1,433,063
	Save on Energy Energy Manager Program Save on Energy Coupon Program	76 696	76			16 652		16 652	14 554	14 554	14	7	7	0	0	0	0	0						719,196	569,312 12,382,795	569,312 9,965,298	569,312 9,965,298	569,312 9,965,298
	Save on Energy Coupon Program Save on Energy Instant Discount Program	579	579			548		465	465	360	285					0 0									12,382,795	9,965,298 8,374,196	8,374,196	9,965,298 8,374,196
CFF Resident	Save on Energy Heating & Cooling Program	498	498	B 498	8 498	498	498	498	498	498	498		441			0 0									1,696,966	1,696,966	1,696,966	1,696,966
	Save on Energy Home Assistance Program	76	76			69		65	60		60	60	60	60		0 0									961,795	961,795	961,795	961,795
	Save on Energy Retrofit Program Save on Energy Energy Manager Program	4,559 11	4,534			2,237		198 0	53							0									23,461,892 865,629	24,773,764 853,228	24,773,764 853.228	24,773,764 729.065
	Save on Energy Energy Performance Program fc	0	(	0 0	0 0	0	0	0								0 0									301,753	301,753	301,753	301,753
CFF Centrally	Whole Home Pilot Program	91	91	1 9:	1 91	91	91	91	91	91	91	90	75	50	C	0 0	0	0							534,761	534,761	534,761	534,761
	Save on Energy Retrofit Program Save on Energy Retrofit Program																						28,705	28,705 1,099,944	28,563 1,099,944	28,563 1,094,505	28,563 1,094,505	28,563 1,094,505
	Save on Energy Retront Program																							1,099,944	1,099,944	1,094,505	1,094,505	1,094,505
CFF Resident	a Save on Energy Heating & Cooling Program																								71,393	71,393	71,393	71,393
	Save on Energy Retrofit Program																								5,772,315	5,772,315	5,743,770	5,743,770
CFF Business	Save on Energy Energy Manager Program																								10,108,185	10,108,185	10,108,185	10,108,185

#### fied Program Results and Persistence into Future

Program	Initiative																				
		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Consumer Consumer	Appliance Exchange Appliance Retirement	0			0	0				0			0						0 0		
Consumer	Bi-Annual Retailer Event	73,809	64,972	64,972	47,985	47,985	43,599			0			0						0 0		
Consumer	Conservation Instant Coupon Booklet	51,684	42,225	42,225	38,978	38,978	37,792			0			0						0 0		(
Consumer	HVAC Incentives	1,901,868	1,901,868	1,901,868	1,901,868	1,901,868	1,901,868	1,901,868	1,901,868	1,701,515	0		0		0						
Consumer	Retailer Co-op	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0 0	0 0	0	(
Business Business	Demand Response 3 (part of the Industrial prog Direct Install Lighting	22.298	22.298																		
Business	Retrofit	2,816,965	2,383,565	636,497	423,700	415,687	310,764	165,472	95,911	95,911	95,911								0		
Industrial	Demand Response 3	0	0	0	0	0	0	0	0	0	0	0	0						0 0		
Industrial	Retrofit	591,339	591,339																		
Pre-2011 Prog	Electricity Retrofit Incentive Program	9,726,531	9,726,531	9,726,531		0				0			0		0		0		0 0		
Pre-2011 Prog	High Performance New Construction	865,905 53,569	865,905 41,368	865,905 41,368	865,905	865,905	235,127	235,127	235,127	235,127	235,127	235,127	235,127	235,127	235,127	235,12	235,12	7 0	0 0	0	(
Business Business	Direct Install Lighting Retrofit	6.393.104	41,368	41,368	2.505.791	1.734.300	1.734.300	367,456	253.582	253.582	253.582	253.582									
Business	High Performance New Construction	121	121	121	121	1,7 34,300	1,7 34,300	0	233,362	255,582	233,382	0	0						0		
Consumer	Appliance Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0 0	0 0	0	(
Consumer	Appliance Retirement	0																			
Consumer	Bi-Annual Retailer Event	184,830	137,168	132,905	132,905	123,626	123,626	121,935	34,213	34,213	34,213	34,213									
Consumer	Conservation Instant Coupon Booklet HVAC Incentives	17,612 1.100.981	2,860 1,100,981	2,304 1.100.981	2,304 1.100.981	1,980 1.100.981	1,980 1.100.981	1,906 1.100.981	0	0	965.607										
Home Assista	HVAC Incentives Home Assistance Program	77,077	77,024	77,024	70,719	70,719	43,044	43,044	43,044	43,044	43,044	43,044	43,044								
Industrial	Demand Response 3	0	0	0	0	0	0	0	0	0	0	0	0						0 0		
Pre-2011 Prog	High Performance New Construction	273,104	273,104	273,104								0									
Business	Demand Response 3 (part of the Industrial prog	0																			
Industrial	Energy Manager	30,445	30,445	30,445	30,445	30,445	30,445	30,445	30,445	30,445	30,445	30,445									
Industrial	Demand Response 3																				
Business Business	Demand Response 3 Retrofit	192,066	178,725	36,027	36,027	36,027	36,027	32,088	32,088	32,088	32,088	01	0	0	0		0	0 0	0 0	0	
Business	Direct Install Lighting	669	669	0	0	0	0	0	0	0	0		0						0 0		
Business	Energy Audit																				
Pre-2011 Prog	High Performance New Construction HVAC Incentives	-33,545 -245,124	-33,545 -245,124	-33,545 -245,124	-33,545 -245,124	-33,545 -245,124	0 -245,124	0 -245,124	-245,124	-217,059											
Consumer Consumer	Bi-Annual Retailer Event	-245,124 5,420	-245,124 4,978	-245,124 4,978	-245,124 4,131	-245,124 4,131	-245,124 4,126	-245,124	-245,124	-217,059											
Consumer	Conservation Instant Coupon Booklet	674	490	490	4,131	440	436														
Business	Energy Audit Funding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	i i	0	0 0	0 0	0	(
Business	Energy Audit Funding																				
Business Business	DR-3 New Construction	9.175	9.175	9.175	0 9.175	9.175	9.175														
Business	New Construction	486,225	430,687	430,097	265,078	9,175	9,175	112,365	21,064	12,443	12,443	12,443									
Business	Retrofit	6,902,552	6,205,107	5,163,362	5,072,986	2,508,852	1,545,597	1,545,597	1,335,378	354,704	326,546	326,546	326,546								
Business	Small Business Lighting	3,663	2,088	2,088		0	0	0	0	0	0	0	0								
Business	Small Business Lighting	316,349	316,349	298,083	89,092	0	0	0	0	0	0	0	0	0	0		0	0 0	0 0	0	(
Consumer	Annual Coupons Appliance Exchange	124,568	124,568	113,263	111,650	111,650	111,191	111,191	111,097	107,664	63,196	63,196	63,196								
Consumer Consumer	Appliance Exchange Appliance Retirement	0																			
Consumer	Bi-Annual Retailer Events	289,291	289,291	251,730	161,838	161,838	153,297	153,297	152,201	131,375	77,114	77,114	77,114						0 0		
Consumer	Home Assistance Program	147,672	140,052	133,602	129,345	122,738	122,738	57,430	56,824	56,824	56,824	56,824	56,824	56,824							
Consumer	HVAC	993,659 13,556	993,659 13,556	993,659 13,556	993,659 13,556	993,659	993,659	993,659 13,556	993,659	993,659	993,659 12,139	861,812									
Consumer Industrial	HVAC DR-3	13,556	13,556	13,556	13,556	13,556	13,556	13,556	13,556	13,556	12,139										
Industrial	Energy Manager																				
Industrial	Energy Manager																				
Business	DR-3	0	0	0	0				0												
Industrial	DR-3	0																	0 0		
Consumer	Appliance Retirement	227	227	227	227	227	227	227	227	227	211										
Business	Direct Install Lighting	5.006	5.006	3.311	1.333	0	0	0	0	0	0	0	0	0	0		0	0 0	0 0	0	(
Business	Direct Install Lighting	902,596	902,596	902,596	882,123	143,837	0	0	0	0	0	0	0	0	0		0	0 0	0 0	0	(
Business	Energy Audit	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0 0	0 0	0	(
Business	Energy Audit																				
Business Business	Energy Audit Energy Audit																				
Business	Energy Audit	0				0				0											
Business	Retrofit	442,369	94,236	83,993	69,406	69,406	69,406	59,149	33,412	33,412	33,412	33,412									
Business	Retrofit	1,347,297	1,241,676	1,016,534	988,333	983,698	490,773	490,773	408,845	25,561	14,324	14,324	14,324	0 303,291							
Business Consumer	Retrofit Appliance Exchange	9,136,760	8,612,208	6,842,974	4,767,021	4,371,601	2,950,870	1,463,551	1,463,551	924,829	303,291	303,291	303,291	303,291							
Consumer	Appliance Exchange Appliance Retirement	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0		0	0 0	0 0	0	
Consumer	Appliance Retirement																				
Consumer	Appliance Retirement																				
Consumer	Appliance Retirement	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0 0	0 0	0	6
Consumer	Bi-Annual Retailer Event Conservation Instant Coupon Booklet	2,678,587 444	2,678,587 444	2,491,235 422	2,421,955 422	2,048,025 422	2,048,025 422	2,018,697 422	2,018,697 422	2,015,844 222	1,638,748 222	1,638,748 222	1,638,748 222	1,638,748							
Consumer Consumer	Conservation Instant Coupon Booklet Conservation Instant Coupon Booklet	444 689.081	444 689.081	422 589,584	422 544.962	422 538.124	422 538.124	422 534.902	422 534.902	222 534,263	222 240.754	222 240.754		240.754							
Home Assista	Home Assistance Program	2,972	2,574	2,574	2,574	2,574	2,574	1,899	1,899	1,899	1,899	1,899	240,754								
Home Assista	Home Assistance Program	437,898	250,039	226,198	216,445	208,070	174,178	174,178	77,110	56,337	56,337	56,337	56,337		56,337	1			0 0		
Consumer	HVAC Incentives	55,844	55,844	55,844	55,844	55,844	55,844	55,844	55,844	55,844	55,844	52,076	0	0	0	1	0	0 0	0 0	0	(
Consumer	HVAC Incentives	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,317,950	1,248,463	0	0		0	0 0	0 0	0	(
Consumer	Residential New Construction	58,335	58,335	58,335	58,335	58,335	30,993	3,651	3,651	3,651	3,651	3,651	3,651	3,651							
Industrial	Monitoring & Targeting	447,517	447,517	447,517																	
Industrial Other	PSUI Time-of-Use Savings	362,880	362,880			0															
Other Business	Time-of-Use Savings Demand Response 3	0																			
Industrial	Demand Response 3	0																			
Business	Demand Response 3	0				0				0			0						0 0		
Industrial	Demand Response 3	0		0	0				0			0									

control	Program	Initiative																				
			202	202	202	202	202	202	202	202	202	203	203	203	203	203	203	203	203	203	203	204
	Industrial	Energy Managers	P 1			4	<b>G</b> 0	<b>6</b> 0	7 0	0	0	0	<b>H</b>	2	<b>3</b>	4	<b>б</b>	6	<b>7</b>	0	9	a 0
	Industrial	Energy Managers																				0 0
	Industrial																(	) (	) 0	0		) 0
																						0 0
	Residential		095,652	095,652	095,052	695,652	792,900	084,005	084,005	064,005	064,003	004,005	459,910	459,910	459,910	459,910						0
	Residential		969,515	969,515	969,515	969,515	969,515	969,515	969,515	969,515	969,515	969,515	969,515	969,515	918,675			) ()	0 0			0 0
	Commercial a	Energy Audit Initiative																				0 0
			16,060,278	16,060,278	15,865,010	14,226,540	9,942,796	9,691,147	4,342,344	3,775,035	3,775,035	2,713,511	567,394	567,394	567,394	567,394						0 0
	Commercial a	Direct Install Lighting and Water Heating Initiat	859,908	859,908	859,908	859,908	834,897	92,653														0 0
	Commercial a	New Construction and Major Renovation Initiat																				0
	Industrial Pro	Existing Building Commissioning Intentive Initia Process and Systems Lingrades Initiatives - Proje	1 686 160	1 686 160	1 686 160	1 686 160	1 686 160	1 686 160	1 686 160	1 686 160	1 686 160											
marker         markr         markr         markr <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0 0</td>													0									0 0
	Industrial Pro	Process and Systems Upgrades Initiatives - Mon																				0 0
Chrones         Constraint of Constraint	Low Income P	P Low Income Initiative	679,393	679,393	446,526	411,387	411,387	404,190	387,212	387,212	90,310	90,310	90,310	90,310	90,310	90,310	90,310	) (	) 0	0		0 (
Chrones         Constraint of Constraint	Other	Loblaws Pilot																				0
Chrones         Constraint of Constraint	Other	Conservation Fund Pilot - SEG			0								0			0						0
Chrones         Constraint of Constraint	Other	Conservation Fund Pilot - EnerNOC					0	0			0	0			0	0			0 0			0 0
Chrones         Constraint of Constraint	Other	Aboriginal Conservation Program																				0 (
Chrones         Constraint of Constraint	Other	Program Enabled Savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0						0 0
CHR Marcine Linguing Ling	CFF Residenti	Save on Energy Coupon Program														589,795						0
																28 846	28.846	5 (				
Off Heademil Scientification Scientific	CFF Business	Save on Energy Audit Funding Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,040					0 0
Circular Lands Land	CFF Business	Save on Energy Retrofit Program	1,009,983	1,009,983	1,009,515	810,895	323,081	321,839	75,211	27,642	27,642	21,804	16,581	16,581	16,581	16,581	(	) (	) 0	0		0
Image         Image <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>,</td><td></td><td></td><td></td><td>,</td><td>,</td><td>,</td><td>121,555</td><td></td><td>) (</td><td>) 0</td><td></td><td></td><td>0 0</td></th<>									,				,	,	,	121,555		) (	) 0			0 0
Baselenci biologenerity         Control is allower is al	CFF Residenti	Save on Energy Heating & Cooling Program	58,661	58,661	58,661	58,661	58,661	58,661	58,661	58,661	58,661	58,661	58,661	58,661	56,734							0
Baselenci biologenerity         Control is allower is al	CFF Residenti	Save on Energy New Construction Program																				
Baselenci biologenerity         Control is allower is al	CFF Business	Save on Energy Audit Funding Program																				0 0
And and any of the section of the section with the	CFF Business	Save on Energy Retrofit Program	1,503,340	1,503,340	1,484,963	1,324,929	919,229	902,615	284,643	284,643	284,643	188,700	9,015	9,015	9,015	9,015						0
Conversion         Convers	Residential	Coupon Initiative	6,140	6,140	6,140	6,140	6,137	6,137	6,137	6,137	6,137	6,137	0	0	0	0	0	) (	00	0		0 0
Conversion         Convers	Residential	Bi-Annual Retailer Event Initiative	12,022	12,022	12 022	12,022	12,022	12,022	12,022	12,022	12,022	12,022	12,022	12,022	0							0
Commer and Commer and	Residential	Residential New Construction and Major Renov	12,033	12,655	12,033	12,655	12,655	12,055	12,033	12,033	12,033	12,033	12,655	12,655	12,249							0 0
Commer and Commer and	Commercial a	Energy Audit Initiative	304,266	304,266	304,266	304,266	304,266	304,266	304,266	212,986	0		0		0	0		) (	0 0			0 0
CFR Backed Low on Lineary Coupon Negron       11.021.446	Commercial a	Efficiency: Equipment Replacement Incentive Ir	1,058,323	1,058,323	1,007,935	810,036	560,645	534,688	445,955	445,955	445,955	358,485	104,983	104,983	104,983	104,983						0
CFR Backed Low on Lineary Coupon Negron       11.021.446	Commercial a	Direct Install Lighting and Water Heating Initiat	0	0	0	0	0	0	0	0	0							) (	0 0			0 1
CFF BasedBard       2,321,294 </td <td></td> <td>0 242 570</td> <td>0 242 570</td> <td>0</td> <td>0</td> <td>0</td> <td>(</td> <td>) (</td> <td>0 0</td> <td>0</td> <td></td> <td>0 0</td>												0 242 570	0 242 570	0	0	0	(	) (	0 0	0		0 0
Construction         Construction<															2 321 294	2 267 616						
CFF Bunnes       Since Linery Audit Funding Program       13,443       13,445       12,565,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       2,065,712       1,079       10,793	CFF Residenti	Save on Energy New Construction Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0						0 0
CFF Baunes       Size on forwary studie frequent       15,267,841									1,796,687	1,777,187	1,777,187	1,777,187	1,777,187	1,777,187	1,777,187	1,777,187	1,777,187	7 (				0 0
Circlines         Since Charge State         Circlines         Construct         Circlines									0	0	0	0	0	0	0	0	0	) (	0 0			0 (
CFF Basins:         Sive on Emergy Energy Manager Program         332, A63         322, A63         322, A63         322, A63         302, A63         101, 769         101, 769         101, 769         100, 769         100, 679	CFF Business	Save on Energy Retrofit Program	15,267,841	15,267,841	15,267,841	15,207,648	15,207,648	15,033,628	12,956,717	2,061,112	2,061,112	435,055	14,735	14,735	14,735	14,735	14,735	5 (				0 0
CFF Basins:         Sive on Emergy Energy Manager Program         332, A63         322, A63         322, A63         322, A63         302, A63         101, 769         101, 769         101, 769         100, 769         100, 679	CFF Business	Save on Energy Small Business Lighting Program																				
CFF Basins:         Sive on Emergy Energy Manager Program         332, A63         322, A63         322, A63         322, A63         302, A63         101, 769         101, 769         101, 769         100, 769         100, 679	CFF Business	Save on Energy Existing Building Commissioning																) ) (	0 0			0 0
Commercial International Product         O         <	CFF Business																					0
CFF Business       Sive on Energy Retroft Program       354,739       354,739       355,207       315,306       201,152       25,662       719 <td< td=""><td>CFF Business</td><td>Save on Energy Energy Manager Program</td><td>327,463</td><td>327,463</td><td>327,463</td><td>327,463</td><td>327,463</td><td>101,769</td><td>101,769</td><td>101,769</td><td>101,769</td><td>101,769</td><td>100,679</td><td>100,679</td><td>100,679</td><td>51,642</td><td>51,642</td><td>2 (</td><td></td><td></td><td></td><td>) 0</td></td<>	CFF Business	Save on Energy Energy Manager Program	327,463	327,463	327,463	327,463	327,463	101,769	101,769	101,769	101,769	101,769	100,679	100,679	100,679	51,642	51,642	2 (				) 0
CFF Business       Sive on Energy Retroft Program       354,739       354,739       355,207       315,306       201,152       25,662       719 <td< td=""><td>CFF Other</td><td>Proposed Program or Pilot</td><td>1 826</td><td>1 926</td><td>1 820</td><td>0</td><td>1 920</td><td>1 926</td><td>1.926</td><td>1 920</td><td>1 820</td><td>1 249</td><td>1 249</td><td>1 249</td><td>1 249</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></td<>	CFF Other	Proposed Program or Pilot	1 826	1 926	1 820	0	1 920	1 926	1.926	1 920	1 820	1 249	1 249	1 249	1 249							0
Commercial         Intervo:         1.907/0.88         1.907/0.88         2.025,744         1.257,894         1.250,993         77,651         567,206         254,583         176,988         60,150         60,10		the second second second second second														719			1 0	0		
Commercial Direct Install Lighting and Water Heating Initial         59,819         59,819         59,819         70,643         0        0         0         0																						0
CFF Basident: Sive on Energy Heating & Cooling Program       13,713 <td>Commercial a</td> <td>a Direct Install Lighting and Water Heating Initiat</td> <td>59,819</td> <td>59,819</td> <td>59,819</td> <td>59,819</td> <td>59,819</td> <td>70,643</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>) (</td> <td>0 0</td> <td>0</td> <td></td> <td>0 0</td>	Commercial a	a Direct Install Lighting and Water Heating Initiat	59,819	59,819	59,819	59,819	59,819	70,643	0	0	0	0	0	0	0	0	0	) (	0 0	0		0 0
CFF Resident:       Sive on Terry Preton       276,499       276,499       276,499       276,499       276,499       276,499       225,988															0	0	(	) (	) 0	0		0
CFF Baulens       Sive on Energy Retroft Program       7,889,841																	(	) (	0 0			0 0
General State on Energy Process & System Upgrades <sup>1</sup> /P         1.433.063         1.433.063         1.433.063         1.433.063         1.433.063         1.433.063         0        0         0         0 <td></td> <td>0</td>																						0
CFF Basients       See Are Design Surgey Nanagev Program       568,476       558,476       558,578       327,2690       272,499       122,405       112,2405       1100,679       100,679 <td< td=""><td>CFF Business</td><td></td><td></td><td></td><td></td><td></td><td></td><td>1,501,672</td><td>2,192,591</td><td>404,518</td><td>484,518</td><td>1/1,523</td><td>0,402</td><td>0,402</td><td>0,462</td><td>0,402</td><td>0,462</td><td></td><td></td><td></td><td></td><td>0</td></td<>	CFF Business							1,501,672	2,192,591	404,518	484,518	1/1,523	0,402	0,402	0,462	0,402	0,462					0
CFF Resident/Save on Energy Instant Discourt Program       9,965,288       9,965,288       9,965,298       9,965,195       9,940,711       9,732,718       9,730,571       9,530,975       9,530,95 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>272,969</td><td>272,969</td><td>122,405</td><td>122,405</td><td>122,405</td><td>100,679</td><td>100,679</td><td>100,679</td><td>51,642</td><td>51,642</td><td>2 (</td><td>0 0</td><td>0</td><td></td><td>0 0</td></t<>								272,969	272,969	122,405	122,405	122,405	100,679	100,679	100,679	51,642	51,642	2 (	0 0	0		0 0
CFF Resident:Save on Energy Instant Discourd Program       8,374,196       8,374,036       <	CFF Residenti					9,965,195			9,732,169							0	0	) (	0 0	0		0 0
CFF Resident:Save on Energy Home Assistance Program       961,795       961,795       961,795       961,795       961,795       955,553       955,553       955,653       956,042       989,859       899,859	CFF Residenti	a Save on Energy Instant Discount Program														0	0					0 0
CFF Buinnes       Sive on Energy Retroft Program       24,778,389       23,778,389       23,778,389       23,778,389       23,783,398       23,623,192       25,60,97       525,097       525,097																			0 0			0
CFF Busines       Sive on Energy Energy Manager Program       729,065       729,065       729,065       604,025       644,025       41,143       41,143       41,143       40       0<														699,859	033,823	\$39,859	699,855	699,855	0			0
CFF Centrally       Montpart       301,753       301,753       301,753       301,753       301,753       0												1,252,624	0									0
CFF Centrally       Whole Home Plong Program       532,095       525,734       525,734       525,734       525,734       525,734       525,734       525,734       525,097       525,097       523,097       523,246       523,246       523,246       523,246       523,246       523,746       525,734       525,734       525,734       525,097       525,097       525,097       523,047       523,246				301,753			0	0	0	0	0											0 0
CFF Business         Save on Energy Retrofit Program         1,094,475           CFR Businets         Save on Energy Retrofit Program         1,079           CFR Businets         Save on Energy Retrofit Program         71,393           CFR Businets         Save on Energy Retrofit Program         5,743,617	CFF Centrally	Whole Home Pilot Program			525,734	525,734	525,734	525,734	525,734	525,097	525,097	525,097	525,097	523,246	523,246	522,459	508,462	2 85,50	7 176	176		0 (
CFF Residenti Save on Energy Retrofit Program         17,079         17,079           CFF Residenti Save on Energy Retrofit Program         71,393         71,393           CFF Business Save on Energy Retrofit Program         5,743,617         0																						
CFF Resident         Save on Energy Heating & Cooling Program         71,393         71,393           CFF Business         Save on Energy Retrofit Program         5,743,617         5		Save on Energy Retrofit Program		17.072																		
CFF Business Save on Energy Retrofit Program 5,743,770 5,743,617	CFF Residenti	Save on Energy Coupon Program																				
	CFF Business	Save on Energy Retrofit Program																				
			10,108,185	10,108,185																		

Attachment I

2021 IRM Checklist

## 2021 IRM Checklist

London Hydro Inc. EB-2020-0038

Filing Requirement Page # Reference Date: December 1, 2020

Page # Reference		Evidence Reference, Notes
RM REQUIREMENTS		
3.1.2 Components of the Application Filing		
3	Manager's summary documenting and explain all rate adjustments requested	Y
4	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact	Y
4	Completed Rate Generator Model and supplementary work forms, Excel and PDF	Y - Att E
4	Current tariff sheet, PDF	Y - Att B
4	Supporting documentation (e.g. relevant past decisions, RRWF etc.)	Y
4	Statement as to who will be affected by the application, specific customer groups affected by particular request	Y
4	Applicant's internet address	Ŷ
4	Statement confirming accuracy of billing determinants pre-populated in model	Ý
4	Text searchable PDF format for all documents	Ŷ
4	An Excel version of the IRM Checklist	Y
3.1.3 Applications and Electronic Models	Developed AAA Aachinic Weddener	X A# 0
5	Populated GA Analysis Workform	Y - Att G
5	If required, for distributors seeking revenue to cost ratio adjustments due to previous OEB decision, the Revenue to Cost Ratio Adjustment Workform must be filed	N/A
5	For an incremental or pre-approved advanced capital module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module Applicable to ACM and ICM	N/A
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform	Y - Att H
5	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub- accounts	Y - Att F
3.2.2 Revenue to Cost Ratio Adjustments		
7	Completed revenue-to-cost ratio adjustment workform to adjust the revenue-to-cost ratio if previously approved by the OEB	N/A
3.2.3 Rate Design for Residential Electricity Customers		
Residential Rate Design - Exceptions and Mitigation (applicable only to o	listributors that have not completed the rate design transition)	Transition to fully fixed residential rate is completed in Year 2019
•	If the total bill impact of the elements proposed in the application is 10% or greater f+D31or RPP customers consuming at the 10th	
7	percentile, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not	N/A
	required	
7	Mitigation plan if total bill increases for any customer class exceed 10%	N/A
3.2.4 Electricity Distribution Retail Transmission Service Rates	No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB	
3.2.5 Review and Disposition of Group 1 DVA Balances		
9	Justification if any account balance in excess of the threshold should not be disposed	N/A
10	Completed tab 3 - continuity schedule in Rate Generator Model	Y
10 - 11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	Y
	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis	
10 - 11	If yes, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled "Adjustments to Deferral and Variance Accounts	Y
11	Propose rate riders for recovery or refund of balances that are proposed for disposition. The default disposition period is one year; if the applicant is proposing an alternative recovery period must provide explanation.	Y
12	GA rate riders calculated on an energy basis (kWh)	Υ
3.2.5.1 Wholesale Market Participants		
11	Establish separate rate riders to recover balances in the RSVA's from Market Participants who must not be allocated the RSVA balances related to charges for which the WMP's settle directly with the IESO.	Y
3.2.5.2 Global Adjustment		
12	Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP Class B customers when clearing balances from the GA Variance Account	Y
	For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distributors are	
12 - 13	seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and explain discrepancies.	Y - Att G
3.2.5.3 Commodity Accounts 1588 and 1589		
13	Confirm as part of its application that it has fully implemented the OEB's February 21, 2019 guidance effective from January 1, 2019.	Y
13 - 14	Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Feb. 21, 2019 accounting guidance, and provide a summary of the review performed. Distributors must also discuss the results of review, whether any systemic issues were noted, and whether any material adjustments to the account balances have been recorded. A summary and description of each adjustment made to the historical balances must be provided in the application.	Y

# 2021 IRM Checklist

London Hydro Inc. EB-2020-0038

Filing Requirement Page # Reference Date: December 1, 2020

		Evidence Reference, Notes
IRM REQUIREMENTS		
15	Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of account balances being proposed for disposition	Y
3.2.5.4 Capacity Based Recovery (CBR)		
15	Proposed disposition of Account 1580 sub-account CBR Class B in accordance with the OEB's CBR Accounting Guidance. - embedded distributors who are not charged CBR (therefore no balance in sub-account CBR Class B) must indicate this is the case for them - In the DVA continuity schedule, applicants must indicate whether they serve any Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated. - Account 1580 sub-account CBR Class A is not to be disposed through rates proceedings but rather follow the OEB's accounting guidance. - The DVA continuity schedule will allocate the portion of Account 1580 sub-account CBR Class B allocated to customers who transitioned between Class A and Class B based on consumption levels	Y
3.2.6 Lost Revenue Adjustment Mechanism Variance Account	ERAINVA - UISPOSILION OF DAIANCE. DISTUDUTOIS THUST PROVIDE VEISION 3 OF ERAINVA WOR FORM IN A WORING EXCERNIE WHEN MAKING	
16 - 21	LRAMVA requests for remaining amounts related to CFF activity. An application for lost revenues should include: Participation and Cost reports in Excel format, made available by the IESO. An application for lost revenues should also provide the following: - statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition - statement confirming LRAMVA based on verified savings results supported by the distributors final CDM Report and Persistence Savings Report (both filed in Excel format) and a statement indicating use of most recent input assumptions when calculating lost revenue - summary table with principal and carrying charges by rate class and resulting rate riders - statement providing the disposition period; rationale provided for disposing the balance in the LRAMVA if one or more classes do not generate significant rate riders - statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used - rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form) - statement confirming whether additional documentation was provided in support of projects that were not included in distributors final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable) - for a distributor's streetlighting project(s) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following information: 0 Confir	Manager Summary Pgs 41-49 Appendix H - 2021 LRAMVA Work Form
3.2.7 Tax Changes		
21	If applicable, tabs 8 and 9 of Rate Generator Model complete	Υ
21	If one or more customer classes does not generate a rate rider to the fourth decimal place, a proposal that the entire 50/50 sharing amount will be transferred to Account 1595 for disposition at a future date	N/A
3.2.8 Z-Factor Claims, Pg. 20-21		N/A
23	Evidence that costs incurred meet criteria of need, materiality and prudence - see 3rd Generation IRM Report	

### 2021 IRM Checklist

London Hydro Inc.

EB-2020-0038

Filing Requirement Page # Reference Date: December 1, 2020

		Evidence Reference, Notes
IRM REQUIREMENTS		
23	In addition distributor must: - Notify OEB by letter of all Z-Factor events within 6 months of event (Confirm that letter is on file) - Apply to OEB for any cost recovery of amounts in OEB-approved deferral account claimed under Z-Factor treatment - Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental - Demonstrate that costs incurred within a 12-month period and are incremental to those already being recovered in rates as part of ongoing business exposure risk	
3.2.8.2 Z-Factor Accounting Treatment		N/A
23	Eligible Z-factor cost amounts recorded in Account 1572, Extraordinary Event Costs, of the OEB's USoA contained in the Accounting Procedures Handbook (APH) for electricity distributors.	
23	Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate Sub-Account of this account	
3.2.8.3 Recovery of Z-Factor Costs		N/A
24	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	
24	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rational for proposal	
24	Residential rider on fixed basis	
24 3.3.1 Advanced Capital Module	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	N/A
25	Evidence of passing "Means Test"	N/A
· · · · · · · · · · · · · · · · · · ·	Information on relevant project or projects updated cost projections, confirmation that the project or projects are on schedule to be	
25	completed as planned and an updated ACM/ICM module in Excel format	
25	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required as to why	
25	If updated cost projects are 30% greater than pre-approved amount, distributor must treat project as new ICM, re-filed business case and other relevant material required	
3.3.2 Incremental Capital Module		N/A
3.3.2.1 ICM Filing Requirements		N/A
	The following should be provided when filing for incremental capital:	
27	An analysis demonstrating that the materiality threshold test has been met and that the amounts will have a significant influence on the operation of the distributor	
27	Justification that the amounts to be incurred will be prudent - amounts represents the most cost-effective option (but not necessarily the least initial cost) for ratepayers	
27	Justification that amounts being sought are directly related to the cause, which must be clearly outside of the base upon which current rates were derived	
27 - 28	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part, included in base rates or being funded by the expansion of service to include new customers and other load growth)	
28	Details by project for the proposed capital spending plan for the expected in-service year	
28	Description of the proposed capital projects and expected in-service dates	
28	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	
28	Calculation of each incremental project's revenue requirements that will be offset by revenue generated through other means (e.g. customer contributions in aid of construction)	
28	Description of the actions the distributor would take in the event that the OEB does not approve the application	
28	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As	
3.3.5 Off-Ramps	discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	
3.3.5 UT-Kamps 33 - 34	A distributor whose earnings are in excess of the dead band (i.e. 300 basis points) but nevertheless applies for an increase to its	N/A
Appendix A	base rates - an explanation to substantiate its reasons for doing so required	
		Yes, these amounts have been
Appendix A	Confirm disposition of residual balances for vintage Account 1595 have only been done once - distributors expected to seek disposition of the balance a year after a rate rider's sunset date has expired. No further dispositions of these accounts are generally expected unless justified by the distributor	disposed only once at the time London Hydro received approval from the OEB, effective May 1, 2016 and May 1, 2017.

### 2021 IRM Checklist London Hydro Inc.

EB-2020-0038

Filing Rec		Date: December 1, 2020
Page # R	ference	Evidence Reference, Notes
IRM REQUIREMENTS		
Appendix A	Distributors who meet the requirements for disposition of residual balances of Account 1595 sub-accounts, m     Analysis Workform. Account 1595 sub-accounts are eligible for disposition when one full year has elapsed sir     rate riders' sunset dates have expired and the residual balances have been externally audited.	
Apper	Material residual balances will require further analysis, consisting of separating the components of the residual applicable rate rider and by customer rate class. Distributors are expected to provide detailed explanations for residual balances attributable to specific rate riders for each customer rate class. Explanations must include for differences between forecast volumes (used to calculate the rate riders) as compared to actual volumes at where billed.	or any significant for example, volume No material residual balances