



October 12, 2022

**By RESS**

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

Attention: Ms. Nancy Marconi, Registrar

Dear Ms. Marconi,

**RE: London Hydro Inc.  
Application for Distribution Rates Effective May 1, 2023  
Board File No. EB-2022-0048**

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, 2023.

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](mailto:nagyj@londonhydro.com).

Yours truly,

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

Judith Nagy, CPA, CGA

Supervising Regulatory Advisor, Finance and Regulatory Affairs

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



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**London Hydro Inc.**  
**ED-2002-0557**

**2023 4<sup>th</sup> Generation Incentive Regulation Mechanism  
Electricity Distribution Rate Application**

**Board File Number**

**EB-2022-0048**

## **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, 2023.**

### **APPLICATION**

#### **Introduction**

1. The Applicant is London Hydro Inc. (“London Hydro”). London Hydro is a licensed electricity distributor pursuant to license (ED-2002-0557) issued by the Ontario Energy Board (the “Board”), and charges Board-authorized rates (per EB-2021-0041). The Applicant distributes electricity to approximately 164,100 customers within the City of London.
2. Pursuant to section 78 of the *Ontario Energy Board Act, 1998*, as amended, (the “OEB Act”) London Hydro requests approval of its proposed adjustments to its distribution rates and other charges, effective May 1<sup>st</sup>, 2023 based on the 2023 Incentive Rate-Setting (IRM) application.
3. London Hydro has prepared this Application in accordance with the following guidelines and directions established by the Board: Chapter 3 of the Board’s Filing Requirements

for Electricity Distribution Rate Applications, dated May 24, 2022; Letter from the Board re Updated Filing Requirements for Electricity Distribution Rate Applications, dated May 24, 2022; 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 2023 IRM Rate Generator – Version 1.0; 2023 GA Analysis Work Form – Version 1.0; LRAMVA Work Form – Version 7.0; developed and provided by the Board and as listed on the Board’s website. In addition, London Hydro completed the 2023 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>, 2023.

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>, 2023, London Hydro requests that the Board issue an Order for existing rates be made interim commencing May 1, 2023. 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 24, 2022, including the following:

- a. an adjustment to existing distribution rates to reflect the Price Cap Index Adjustment;
- b. an adjustment to the approved Retail Transmission Service Rates (“RTSR”) as provided in Revision 4.0 of the Guidelines G-2008-001 – Electricity Distribution Retail Transmission Service Rates, dated June 28, 2012, and subsequent revisions and updates to the Uniform Transmission Rates (“UTR”);
- c. rate riders to recover lost revenues from CDM programs (LRAMVA) effective May 1, 2023 to April 30, 2024,
- d. rate riders to clear Group 1 account balances effective May 1, 2023 to April 30, 2024.

## 8. Amendments

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

## 9. Notice of Publication

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

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



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

Mr. Mike Packer, CPA, CMA, CIM  
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: packerm@londonhydro.com

DATED at London, Ontario, this 12th day of October, 2022.



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Mike Packer, CPA, CMA, CIM  
Director of Regulatory Affairs  
London Hydro Inc.

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# MANAGER'S SUMMARY

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## **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 164,100 customers within the municipal boundaries of the City of London.

On August 27, 2021, London Hydro filed a 2022 Cost of Service Application (EB-2021-0041) 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 February 24, 2022, with the approved distribution rates to be effective May 1<sup>st</sup>, 2022. A copy of the current Tariff of Rates and Charges, effective May 1<sup>st</sup>, 2022, is included as Attachment B.

There are no outstanding Board Orders affecting this current application.

London Hydro is submitting a 2023 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 May 24, 2022 (the "Filing Requirements").

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

The proposed 2023 Tariff of Rates and Charges is provided as Attachment C of the Application.

London Hydro confirms that the pre-populated billing determinants are accurate on Tab 4 in the 2023 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 2023 Rate Generator Model and default values for the inflation factor, productivity factor and stretch factor of 3.30%, 0.00% and 0.30% respectively, as per the Filing Requirements. The resulting 3.00% Total Price Cap Index is used in the 2023 IRM Rate Generator – Version 1.0 - updated on July 21, 2022. 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, 2022 are listed on Tab 17 Regulatory Charges of the 2023 Rate Generator Model.

The proposed 2023 distribution rates are reflected in [Table 1: Proposed 2023 Distribution Rates](#) below.

**Table 1: Proposed 2023 Distribution Rates**

Rate Class	Current Monthly Fixed Charge	Current Volumetric Charge	Price Cap Index	Proposed Monthly Fixed Charge	Proposed Volumetric Charge
RESIDENTIAL	27.46		3.00%	28.28	-
GENERAL SERVICE LESS THAN 50 kW	31.45	0.0135	3.00%	32.39	0.0139
GENERAL SERVICE > 50 kW to 4,999 kW	153.60	3.2356	3.00%	158.21	3.3327
GENERAL SERVICE 1,000 To 4,999 kW (Co-generation)	902.50	2.1662	3.00%	929.58	2.2312
STANDBY POWER	-	3.5111	3.00%	-	3.6164
LARGE USE	19,799.26	2.7329	3.00%	20,393.24	2.8149
STREET LIGHTING	1.74	10.4370	3.00%	1.79	10.7501
SENTINEL LIGHTING	4.90	19.1677	3.00%	5.05	19.7427
UNMETERED SCATTERED LOAD	2.46	0.0258	3.00%	2.53	0.0266
MICROFIT	4.55			4.55	

### **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>, 2022 rates (EB-2021-0041), 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.

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 2023 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 2023 RTSR Model utilizes current 2022 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 2021 year-end RRR filings under 2.1.5 Performance Based Regulation, were used for the calculation of the forecasted RTRS rates. London Hydro confirms that the billing determinants are non-loss adjusted.

Generic Rate Class	Metered consumption in kWhs (w=o+q))	Metered consumption in kWs (x=p+r)
Residential	1,182,331,247.85	0.00
General Service < 50 kW	380,707,662.26	0.00
General Service >= 50 kW	1,410,758,031.60	3,890,707.18
Large User	106,007,109.75	194,965.44
Sub Transmission Customers	0.00	0.00
Embedded Distributor(s)	0.00	0.00
Street Lighting Connections	16,882,808.73	47,347.97
Sentinel Lighting Connections	527,622.99	1,433.74
Unmetered Scattered Load Connections	5,430,915.10	0.00
Total (Auto-Calculated)	3,102,645,398.28	4,134,454.33

The forecasted 2023 RTRS Network and Connection rates are reflected in Table 2: Forecasted 2023 RTRS – Network and RTRS – Connection Rates below.

**Table 2: Forecasted 2023 RTRS – Network and RTRS – Connection Rates**

Rate Class	Volumetric Metric	Current RTRS Network	Current RTRS Connection	Proposed RTRS Network	Proposed RTRS Connection
RESIDENTIAL	kWh	0.0091	0.0066	0.0099	0.0070
GENERAL SERVICE LESS THAN 50 kW	kWh	0.0085	0.0059	0.0093	0.0062
GENERAL SERVICE > 50 kW to 4,999 kW	kW	3.8253	2.9759	4.1675	3.1352
GENERAL SERVICE 1,000 To 4,999 kW (Co-generation)	kW	4.4160	3.1479	4.8111	3.3164
LARGE USE	kW	3.9186	2.9759	4.2692	3.1352
STREET LIGHTING	kW	2.6265	1.8804	2.8615	1.9811
SENTINEL LIGHTING	kW	2.6299	1.8830	2.8652	1.9838
UNMETERED SCATTERED LOAD	kW	0.0085	0.0059	0.0093	0.0062

**Review and Disposition of Group 1 Deferral and Variance Account (“DVA”) Balances**

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, 2021. 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 2023 Rate Generator Model.

London Hydro confirms it has not made any adjustments to DVA balances that were previously approved for disposition by the OEB on a final basis.

Account 1580 Variance WMS – Sub-account CBR Class A has a small credit balance of \$1,788. 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, 2021, 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 (\$367,123) credit variance for this account represents the Sub-account CBR balances for Class A (\$1,788) and Class B (\$368,910) customers.

Account 1588 RSVA Power balance has a variance of (\$1,123,028) credit when compared to the RRR 2.1.7 amount which represents the principal adjustments made for change in unbilled amounts.

Similarly, Account 1589 RSVA Global Adjustment has a variance of \$568,696 when compared to the 2.1.7 RRR balances, as of December 31, 2021, which represents principal adjustments for the change in unbilled amounts. 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 \$2,904, 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 is supported with detailed project level savings, the Final Verified 2017 Annual Results Report for London Hydro issued by the IESO on June 30, 2017 and the 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 \$2,406 difference represents the adjustments made to 2021 LRAMVA based on the 2021 preliminary versus final results.

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

Account Description	Account Number	Principal Net Accruals / Variances Dec. 31, 2021	Carrying Charges to Dec. 31, 2021	Audited Ending Balances at Dec. 31, 2021	Continuity Schedule RRR 2.1.7 as of Dec. 31, 2021	Variance RRR vs. 2021 Balance (Principal + Interest)
<b>Group 1 Accounts:</b>						
Smart Metering Entity Charge Variance	1551	\$ (106,894)	\$ (294)	\$ (107,188)	\$ (107,188)	\$ -
RSVA - Wholesale Market Service Charge	1580	\$ 1,182,491	\$ (7,268)	\$ 1,175,223	\$ 808,101	\$ (367,122)
Variance WMS – Sub-account CBR Class A	1580	\$ 1,787	\$ 1	\$ 1,788	\$ 1,788	\$ -
Variance WMS – Sub-account CBR Class B	1580	\$ (367,123)	\$ (1,787)	\$ (368,910)	\$ (368,910)	\$ -
RSVA - Retail Transmission Network Charge	1584	\$ 4,628,035	\$ 18,291	\$ 4,646,326	\$ 4,646,326	\$ -
RSVA - Retail Transmission Connection Charge	1586	\$ 1,030,562	\$ (60)	\$ 1,030,502	\$ 1,030,502	\$ -
RSVA - Power	1588	\$ 1,746,523	\$ (15,491)	\$ 1,731,032	\$ 608,003	\$ (1,123,029)
RSVA - Global Adjustment	1589	\$ 30,752	\$ 61,189	\$ 91,941	\$ 660,637	\$ 568,696
Disposition and Recovery/Refund of Regulatory Balances (2017)	1595_(2017)	\$ (131,706)	\$ (58,409)	\$ (190,115)	\$ (190,114)	\$ 1
Disposition and Recovery/Refund of Regulatory Balances (2018)	1595_(2018)	\$ (156,727)	\$ 20,278	\$ (136,449)	\$ (136,449)	\$ -
Disposition and Recovery/Refund of Regulatory Balances (2019)	1595_(2019)	\$ 171,691	\$ (76,627)	\$ 95,064	\$ 95,063	\$ (1)
Disposition and Recovery/Refund of Regulatory Balances (2020)	1595_(2020)	\$ -	\$ -	\$ -	\$ -	\$ -
Disposition and Recovery/Refund of Regulatory Balances (2020)	1595_(2021)	\$ 1,715,355	\$ 85,260	\$ 1,800,615	\$ 1,800,615	\$ -
<b>TOTAL GROUP 1 ACCOUNTS</b>		<b>\$ 9,744,746</b>	<b>\$ 25,083</b>	<b>\$ 9,769,829</b>	<b>\$ 9,215,496</b>	<b>\$ (921,455)</b>
LRAM Variance Account	1568	2,662,756	68,091	2,730,847	2,728,442	(2,405)
<b>TOTAL DVA ACCOUNTS</b>		<b>\$ 12,407,502</b>	<b>\$ 93,174</b>	<b>\$ 12,500,676</b>	<b>\$ 11,943,938</b>	<b>\$ (923,860)</b>

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 0.57%, 1.02%, 2.20% and 3.87% Board prescribed interest rate was applied to the audited December 31, 2021 balances for the first, second, third and fourth quarters of Year 2022, and 3.87% Board prescribed interest rate was applied for the period of January 1, 2023 to April 30, 2023 in the calculation of the total claim. The threshold test resulted in a debit of \$0.0020/kWh which exceeds the Board established limit of \$0.001/kWh, therefore, London Hydro proposes to dispose the balances in Group 1 accounts.

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

Deferral and Variance Accounts	Account	Principal Balance Dec 31, 2021	Interest to Dec 31, 2021	Total Balance Dec 31, 2021	Principal Transactions/ Adjustments in 2022	Interest Transactions/ Adjustments in 2022	Principal Disposition May 1, 2022	Interest Disposition May 1, 2022	Disposition Apr 30, 2022	Adjusted Principal	2022 Interest	2023 Interest	Forecast Balance
										Balance for Disposition Apr 30, 2022	Jan 1 to Dec 31 0.57%, 1.02%, 2.20%, 3.87%	Jan 1 to Apr 30 3.87%	for Disposition April 30, 2023
<b>Group 1 Accounts</b>													
Smart Metering Entity Charge Variance Account	1551	\$ (106,894)	\$ (294)	\$ (107,188)			\$ (15,477)	\$ (176)	\$ (15,653)	\$ (91,417)	\$ (1,794)	\$ (1,163)	\$ (94,492)
RSVA - Wholesale Market Service Charge	1580	\$ 1,182,491	\$ (7,268)	\$ 1,175,223			\$ (1,495,664)	\$ (17,275)	\$ (1,512,939)	\$ 2,678,155	\$ 48,194	\$ 34,075	\$ 2,770,431
Variance WMS – Sub-account CBR Class B		\$ (367,123)	\$ (1,787)	\$ (368,910)	\$ -	\$ -	\$ (71,675)	\$ (1,449)	\$ (73,125)	\$ (295,448)	\$ (5,848)	\$ (3,759)	\$ (305,392)
RSVA - Retail Transmission Network Charge	1584	\$ 4,628,035	\$ 18,291	\$ 4,646,326			\$ 1,398,392	\$ 11,308	\$ 1,409,699	\$ 3,229,643	\$ 65,303	\$ 41,092	\$ 3,343,021
RSVA - Retail Transmission Connection Charge	1586	\$ 1,030,562	\$ (60)	\$ 1,030,502			\$ 259,099	\$ (252)	\$ 258,846	\$ 771,463	\$ 15,431	\$ 9,816	\$ 796,902
RSVA - Power	1588	\$ 623,494	\$ (15,491)	\$ 608,003	\$ 1,123,029		\$ 756,073	\$ (15,431)	\$ 740,642	\$ 990,450	\$ 20,761	\$ 12,602	\$ 1,023,753
RSVA - Global Adjustment Class B	1589	\$ 596,544	\$ 61,189	\$ 657,733	\$ (565,792)		\$ 1,267,739	\$ 66,473	\$ 1,334,212	\$ (1,236,987)	\$ (20,965)	\$ (15,739)	\$ (1,278,976)
Disposition and Recovery/Refund of Regulatory Balances (2018)	1595_(2018)	\$ (156,727)	\$ 20,278	\$ (136,449)					\$ -	\$ (156,727)	\$ (3,017)	\$ (1,994)	\$ (141,460)
		<b>\$ 7,430,382</b>	<b>\$ 74,858</b>	<b>\$ 7,505,240</b>	<b>\$ 557,237</b>	<b>\$ -</b>	<b>\$ 2,098,486</b>	<b>\$ 43,197</b>	<b>\$ 2,141,683</b>	<b>\$ 5,889,133</b>	<b>\$ 118,064</b>	<b>\$ 74,929</b>	<b>\$ 6,113,787.22</b>
LRAM Variance Account	1568	\$ 2,659,805	\$ 68,636	\$ 2,728,442	\$ 2,951	\$ (545)	\$ 1,473,305	\$ 63,930	\$ 1,537,236	\$ 1,189,450	\$ 26,130	\$ 15,344	\$ 1,235,085
		<b>\$ 10,090,187</b>	<b>\$ 143,494</b>	<b>\$ 10,233,682</b>	<b>\$ 560,187</b>	<b>\$ (545)</b>	<b>\$ 3,571,791</b>	<b>\$ 107,127</b>	<b>\$ 3,678,918</b>	<b>\$ 7,078,583</b>	<b>\$ 144,194</b>	<b>\$ 90,273</b>	<b>\$ 7,348,872.40</b>

Total Claim (including Account 1568)	\$ 7,348,872
Total Claim for Threshold Test	\$ 6,113,787
Total metered kWh from most recent filing	3,102,645,398
<b>Threshold Test (Total claim per kWh)</b>	<b>0.0020</b>

London Hydro utilized the 2023 Rate Generator Model to allocate the DVA balances to rate classes on the following basis:

DVA Account	Basis of Allocation
1551 Smart Metering Entity Charge Variance	Number of customers in Residential and General Service < 50 rate classes
1580 RSVA - Wholesale Market Service Charge	Metered Non-WMP kWh
1580 Variance WMS – Sub-account CBR Class B	Metered Class B Non-WMP kWh
1584 RSVA - Retail Transmission Network Charge	Metered kWh
1586 RSVA - Retail Transmission Connection Charge	Metered kWh
1588 RSVA - Power	Metered Non-WMP kWh
1589 RSVA - Global Adjustment	Metered Class B Non-RPP Non-WMP kWh
1595 Disposition and Recovery/Refund of Regulatory Balances (2018)	Proportional allocation of 2018 variance account balance

London Hydro established separate rate riders for the recovery or refund of its deferral and variance accounts. The rate riders have generated using the 2023 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, 1595 Disposition and Recovery/Refund of Regulatory Balances residual values, 1580 RSVA Wholesale Market Service Charge excluding the portion related to the General Service 50 to 4,999 kW (“GS>50”) and the General Service 1,000 to 4,999 kW (“Cogeneration”) rate classes, and 1588 RSVA Power excluding the portion related to the GS>50 and Cogeneration rate classes. This rate rider is titled “Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2023”, and is applicable to all rate classes.

**Table 5: Proposed 2023 Deferral/Variance Account Rate Riders**

Rate Class	Units	Metered kW / kWh	Allocation of Group 1 Account Balances to All Classes	Rate Rider for Deferral/ Variance Accounts
RESIDENTIAL SERVICE	kWh	1,182,331,248	\$ 2,792,388	\$ 0.0024
GENERAL SERVICE LESS THAN 50 KW	kWh	380,707,662	\$ 916,948	\$ 0.0024
GENERAL SERVICE 50 TO 4,999 KW	kW	3,647,185	\$ 1,736,637	\$ 0.4762
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION)	kW	70,722	\$ 12,822	\$ 0.1813
STANDBY POWER	kW	172,800	\$ 83,994	\$ 0.4861
LARGE USE SERVICE	kW	194,965	\$ 257,186	\$ 1.3191
STREET LIGHTING	kW	47,348	\$ 40,260	\$ 0.8503
SENTINEL LIGHTING	kW	1,434	\$ 1,272	\$ 0.8871
UNMETERED SCATTERED LOAD	kWh	5,430,915	\$ 13,214	\$ 0.0024
<b>Total</b>			<b>\$ 5,854,720</b>	

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 GS>50 and Cogeneration rate classes. This rate rider is applicable to non-WMP customers only in those two rate classes. 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”.

**Table 6: Proposed 2023 Deferral/Variance Account Rate Riders to non-WMP**

Rate Class	Units	Metered kW	Allocated Group 1 Balance - Non-WMP	Rate Rider for Deferral/ Variance Accounts
GENERAL SERVICE 50 TO 4,999 KW	kW	3,619,326	\$ 1,527,779	\$ 0.4221
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION)	kW	45,496	\$ 10,263	\$ 0.2256
<b>Total</b>			<b>\$ 1,538,042</b>	

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 2023 RSVA Global Adjustment Rate Riders**

Rate Class	Units	Metered kWh	Total GA Variance \$ allocated to Current Class B Customers	Rate Rider for RSVA - Global Adjustment
RESIDENTIAL SERVICE	kWh	18,746,353	-\$ 27,433	\$ (0.0015)
GENERAL SERVICE LESS THAN 50 KW	kWh	56,259,996	-\$ 82,329	\$ (0.0015)
GENERAL SERVICE 50 TO 4,999 KW	kW	723,628,768	-\$ 1,058,928	\$ (0.0015)
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION)	kW	8,220,105	-\$ 12,029	\$ (0.0015)
STANDBY POWER	kW	26,955,645	-\$ 39,446	\$ (0.0015)
LARGE USE SERVICE	kW	352,600	-\$ 516	\$ (0.0015)
STREET LIGHTING	kW	16,882,809	-\$ 24,706	\$ (0.0015)
SENTINEL LIGHTING	kW	4,445	-\$ 7	\$ (0.0016)
UNMETERED SCATTERED LOAD	kWh	-	\$ -	-
<b>Total</b>			<b>-\$ 1,245,394</b>	

**Wholesale Market Participant**

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 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.

Hydro confirms that it pro-rates the IESO Global Adjustment Charge into RPP and non-RPP portions.

### Class A and B 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 2023 Rate Generator Model contains Tab 6 Class A Consumption Data generated for London Hydro to input consumption data pertaining to Class A and transition customers during Year 2021 when the Account 1589 RSVA GA balance accumulated and proposed for disposition. Tab 6.1a GA Allocation allocates the GA balance to transition customers for the period in which these customers were Class B customers and contributed to the GA balance (i.e. former Class B customers who contributed to the GA balance but are now Class A customers and former Class A customers who are now Class B customers contributing to the GA balance). All transition customers will only be responsible for the amount allocated to them in Tab 6.1a GA Allocation, and they will not be charged/refunded the GA rate rider that applies to all non-RPP Class B customers. The model calculates specific amounts for each transition customer based on the consumption of each customer during the period they were Class B customers. London Hydro is generally expected to settle the amount through 12 equal adjustments to bills 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.

**Table 8: Proposed Direct Settlement for RSVA GA to Transition Customers**

<b>Customer</b>	<b>Customer Specific GA Allocation During the Period They Were a Class B customer</b>	<b>Monthly Equal Payments</b>
Customer 1	\$ (820)	\$ (68)
Customer 2	\$ (4,415)	\$ (368)
Customer 3	\$ (17,959)	\$ (1,497)
Customer 4	\$ (6,085)	\$ (507)
Customer 5	\$ (3,013)	\$ (251)
Customer 6	\$ (1,078)	\$ (90)
Customer 7	\$ (214)	\$ (18)
<b>Total</b>	<b>\$ (33,583)</b>	

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.



**Table 9: Class A Customers**

<b>Adjustment Period</b>	<b>Number of Class A Customers</b>	<b>Combined Peak Demand Factor</b>
July 1, 2020 - June 30, 2021	52	0.00322443
July 1, 2021 - June 30, 2022	54	0.00349385

As the ICI threshold was reduced to 500 kW in Year 2017, more customers from the General Service 50-4,999 kW rate class opted in and became Class A customers. On July 1, 2021, the number of Class A customers increased from 52 to 54.

**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 F and submitted with this application.

Within the GA Analysis Work Form Tab GA reflects the reconciliation of the GA variance for the given 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, if

any. Principal adjustments for GA and RSVA Power are reflected on the Principal Adjustment tab with descriptions and entered in the Continuity Schedule under Principal Adjustments. A reasonability test for the balance in Account 1588 is also included in the work form.

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 values are also calculated and booked with the year-end accrual. 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 trued up in 2021 via year-end adjusting entry. 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.

London Hydro has initiated further analysis of IESO Global Adjustment charges and is not seeking recovery of \$665,239 of the principal amount at this time. There is the potential that London Hydro has been over allocated Global Adjustment charges on embedded generation by the IESO during 2021.

### **Commodity Accounts 1588 and 1589**

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. London Hydro confirms it fully implemented and complied with this guidance on the accounting for Accounts 1588 RSVA Power and 1589 RSVA Global Adjustment. All transactions recorded to the Commodity RSVA Accounts are accounted for in accordance with this guidance.

London Hydro utilizes the commodity model and updated its process to calculate the RPP Settlement at wholesale level. London Hydro uses the Global Adjustment Second Estimate Rate for the initial settlement submission. London Hydro accrues the cost of power based on the IESO invoice and the initial RPP settlement. It allocates GA costs based on an annual average between 1588 and 1589. It also recalculates CT 142 with the actual paid GA rate and records the difference in its general ledger between the initial RPP settlement with the second estimate and the recalculated amount with the actual paid rate. Therefore, the financial results reflect the RPP settlement in the current month with the final paid rate. London Hydro applies the actual

invoiced (paid) GA price in the RPP 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 monthly meter reads.

London Hydro followed the Board's Accounting Procedures Handbook and other Board-issued guidance, such as the Accounting Guidance related to Accounts 1588 RSVA Power and 1589 RSVA Global Adjustment, to record the variances in the RSVA accounts. The RSVA amounts requested for disposition are the variances accumulated during Year 2021.

The Board approved the disposition of the audited December 31, 2020 RSVA balances accumulated during 2020, on final basis, with the 2022 Cost of Service Application over a one-year period (EB-2021-0041). This disposition is reflected in the 2023 DVA Continuity Schedule.

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

### **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 2023 the CBR Class B rate rider calculated rounds to zero at the fourth decimal place for one or more rate classes, therefore the entire balance in Account 1580 CBR Class B including the amount allocated to transition customers, is transferred to Account 1580 WMS control account and included the CBR amounts as part of the general-purpose Group 1 Deferral and Variance account rate riders.

### **Disposition of Account 1595 Residual Balances**

DVA principal and carrying charges approved for disposition are transferred to Account 1595 for that rate year. The residual balances in the account become eligible for disposition two years after the associated rate riders' sunset dates have expired and the balances have been audited. The distributors are expected to request the disposition of residual balances in the account only once for each vintage year.

London Hydro confirms that the residual balance in Account 1595 for Year 2018 has not been included in past year disposition requests.

London Hydro proposes the disposition of 1595 residual balances from Year 2018 in this rate application based on the original allocations from its 2018 IRM application (EB-2017-0059).

### **Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)**

#### **Background**

Conservation and Demand Management ("CDM") programs for electricity distributors were first approved by the OEB in 2004, and have expanded since becoming a more important part of the energy policy in Ontario. The Board developed and issued the CDM Code for Electricity Distributors (the "CDM Code") on September 16, 2010 to support the CDM framework. The CDM Code sets out the obligations along with requirements, with which electricity distributors must comply in relation to the CDM targets set out in their licenses for the January 1, 2011 to December 31, 2014 CDM target period. The CDM Code was created in response to a Directive dated March 31, 2010 by the Minister of Energy and Infrastructure pursuant to sections 27.1

and 27.2 of the Ontario Energy Board Act, 1998. Section 12 of the Directive states that lost revenues that result from CDM programs should not act as a disincentive to a distributor.

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

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

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

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

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. Subsequently directives were issued to extend the deadlines for the completion of CFF projects. The first such directive was issued on July 22, 2020 to extend deadlines until June 30, 2021, and followed by another one on June 10, 2021 to

further extend in-service deadlines until December 31, 2021 due to delays caused by the COVID-19 emergency.

The IESO established a new CDM framework for the 2021-2024 period and the Board issued its *Conservation and Demand Management Guidelines for Electricity Distributors* (EB-2021-0106 – the “2021 CDM Guidelines”), on December 20, 2021. In the 2021 CDM Guidelines, the OEB expressed that it expects the distributors to seek disposition of all outstanding LRAMVA balances up to their next rebasing application in their 2023 rate application. The OEB also issued its *Guidance on Prospective Lost Revenue Adjustment Mechanism (LRAM) Amounts – 2023 Rates*, on June 3, 2022, on the treatment of all prospective LRAM in future years related to CDM programs implemented in prior years.

#### The LRAMVA Amount

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

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

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

In accordance with the Board’s *Guidelines for Electricity Distributor Conservation and Demand Management* (EB-2012-0003) issued April 26, 2012, at minimum, distributors must apply for the disposition of the balance in the LRAMVA at the time of their Cost of Service rate applications. Distributors may apply for the disposition of the balance in the LRAMVA on an annual basis, as part of their Incentive Regulation Mechanism (“IRM”) rate application if the balance is deemed

significant by the applicant. The LRAMVA shall not be included in the pre-set disposition threshold calculation in determining materiality for disposition for Group 1 accounts as per the July 31, 2009 Report of the Board: *Electricity Distributors' Deferral and Variance Account Initiative* (EB-2008-0046). All requests for disposition of the LRAMVA must be made together with carrying charges.

London Hydro received Board approval for the recovery of an LRAMVA amount of \$1,537,236 in its 2022 Cost of Service rate application (EB-2021-0041). This amount consisted of lost revenues from the 2018 and 2019 CDM programs and the 2011-2017 programs savings persisting in Years 2018 and 2019. The resulting rate riders expire on April 30, 2023.

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 *2017 Final Verified Annual Program Results London Hydro Inc.* issued on June 29, 2018, included the 2015-2017 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. To calculate the net savings values, the LDC is to apply the 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 the 2018 unverified energy savings as well as adjustments to the 2015, 2016 and 2017 verified program results. In addition, detailed project level savings files are required to support energy and demand related LRAMVA claims for Year 2018 and beyond.

The requested amount in Account 1568 LRAMVA for recovery in this application includes the lost revenues from the 2020-2021 CDM programs and the prior year programs savings persistence into 2020 and 2021, as well as applicable carrying charges up to April 30, 2023. London Hydro does not request any lost revenues from CDM programs beyond Year 2021.

London Hydro utilized the OEB model Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form – Version 7.0 (2023), issued on May 27, 2022, updated on June 9, 2022, to calculate the LRAMVA amount and filed as Attachment G.

The balance of Account 1568 LRAMVA with projected carrying charges at the Board prescribed interest rate is presented in [Table 14 – Account 1568 LRAMVA Balance](#). The Board prescribed interest rate 0.57% applied for the period of January 1, 2022 to March 31, 2022, 1.02% applied for the period of April 1, 2022 to June 30, 2022, 2.20% applied for the period of July 1, 2022 to September 30, 2022, and 3.87% applied for the period of October 1, 2022 to April 30, 2023 to the opening principal balance. The projected balance is \$1,235,085 and it is proposed for recovery via volumetric rate riders.

**Table 10 – Account 1568 LRAMVA Balance**

LRAMVA Account	Net Accruals / Variances	Carrying Charges	Ending Balances at Dec. 31, 2021	Projected Interest Jan 1/22 to Apr 30/23	Projected Balances as at Apr 30/23
1568 LRAMVA	\$ 1,189,450	\$ 7,513	\$ 1,196,963	\$ 38,122	\$ 1,235,085

London Hydro expects to discontinue the use of 1568 LRAM Variance Account upon final disposition of balances.

### 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 11 – 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.

**Table 11 – 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 12: LRAMVA Baseline kWhs and kW” in the Decision and Rate Order, EB-2016-0091, Tab 1 of 1 Settlement Agreement, Page 32.

**Table 12 – 2017 Expected Savings for LRAM Variance Account**

	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

The LRAMVA balance is based on Final Verified Savings Results Reports and the Participation and Cost Report issued by the IESO for each applicable year, where available. The reports are filed in Excel format with this application. 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 in Years 2015-2017 were calculated based on the final verified results reports for each of those years issued by the IESO. The Final 2017 Annual Verified Results Report London Hydro Inc., issued on June 29, 2018 by the IESO,

included 2015-2017 verified results used in the LRAM calculation. The Participation and Cost Report issued in April 2019 included 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.

Energy and peak demand savings from CDM programs in Years 2018 to 2021 were determined using detailed project level gross savings records and the applicable net-to-gross factors and gross realization rates from the *2017 Final Verified Annual Program Results* report were applied to calculate net energy and demand savings. The project list for Save on Energy Retrofit and Small Business Lighting programs in 2018 to 2021 is included in the LRAMVA Work Form on Tab B. Project List for reference with the details of net savings calculations. The date of the incentive payment reflects the reporting year and the project completion date determined the first year of savings.

The IESO reported 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, Large Use and Street Lighting rate classes, participated in the CDM programs conducted during the years of 2011-2021. The net energy and demand savings for programs reported during 2018 to 2021 were calculated on Tab B. Project List in the LRAMVA Work Form. 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. 2015-2027 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. Program persistence were determined for each program reported in 2018 to 2021

using the Persistence Methodology by Program table from the Participation and Cost Report issued in April 2019, on Tab Reference Tables. Rate class allocations are populated in the LRAMVA Work Form on Tab A based on customer participation from each rate class in the programs reported in the final 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.

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

The rates were prorated based on the approved effective implementation period. London Hydro's rate year cycles from May 1 of current year to April 30 of subsequent year. The average rate is calculated by taking the prior year rate and prorate it for the first four months (January to April), then taking the current year's approved rate and prorate it for the remaining eight months (May to December). The implementation of distribution rates in 2020 were delayed from May 1 to Nov 1 with the intention to lessen the impact of the COVID-19 emergency to customers. The summary of the two prorated values yields the average annual volumetric distribution rate specific to the rate class.

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

#### LRAMVA Proposed for Recovery

The LRAMVA principal amount consists of the difference between the results of actual verified and/or unverified impacts in 2020-2021 of authorized CDM activities undertaken by the

distributor between 2011 and 2021 and the expected energy and demand savings approved by the OEB for LRAMVA calculation multiplied with the distribution rates in effect for the respective period.

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

**Table 13: LRAMVA Principal and Interest Proposed for Recovery**

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$0	\$0	\$0
GS<50 kW	kWh	\$289,234	\$11,110	\$300,344
GS 50 - 4,999 kW	kW	\$1,269,622	\$48,671	\$1,318,293
Co-Generation 1,000 - 4,999 kW	kW	\$57,261	\$2,193	\$59,454
Large User	kW	-\$154,750	-\$5,927	-\$160,676
Street Lighting	kW	-\$271,916	-\$10,414	-\$282,330
Sentinel Lighting	kW	\$0	\$0	\$0
Unmetered Scattered Load	kWh	\$0	\$0	\$0
<b>Total</b>		<b>\$1,189,450</b>	<b>\$45,635</b>	<b>\$1,235,085</b>

The LRAMVA claim proposed for recovery has been included in the 2023 IRM Rate Generator Model Continuity Schedule.

Recovery of the allocated LRAMVA amount is proposed via volumetric rates riders from each appropriate rate class over a one-year period effective May 1, 2023 to April 30, 2024.

**Table 14: LRAMVA Rate Riders**

Rate Class	Units	Metered Consumption	1568 LRAM Variance Account Class Allocation (\$ amounts)	Rate Rider LRAMVA
RESIDENTIAL SERVICE	kWh	1,182,331,248	\$ -	\$ -
GENERAL SERVICE LESS THAN 50 KW	kWh	380,707,662	\$ 300,344	\$ 0.0008
GENERAL SERVICE 50 TO 4,999 KW	kW	3,647,185	\$ 1,318,293	\$ 0.3615
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION)	kW	70,722	\$ 17,266	\$ 0.2441
STANDBY POWER	kW	172,800	\$ 42,188	\$ 0.2441
LARGE USE SERVICE	kW	194,965	-\$ 160,676	\$ (0.8241)
STREET LIGHTING	kW	47,348	-\$ 282,330	\$ (5.9629)
SENTINEL LIGHTING	kW	1,434	\$ -	\$ -
UNMETERED SCATTERED LOAD	kWh	5,430,915	\$ -	\$ -
<b>Total</b>			<b>\$ 1,235,085</b>	

### **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 has completed the 2023 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.

### **Advanced Capital Module ("ACM")**

London Hydro is not applying for ACM related funding.

### **Summary of Bill Impacts**

The proposed Tariff of Rates and Charges is presented in Attachment C. The effects of the 2023 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 \$3.74 or 3.2% increase of the total bill. A General Service less than 50 kW RPP customer consuming 2,000 kWh's per

month would see \$10.18 or 3.4% increase on a total monthly bill. Customers within industrial classes have a change in their total monthly bill change between 2.7% decrease and 0.9% increase. The Summary of Bill Impacts is presented in Table 15: Summary of Bill Impacts.

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

**Table 15: Summary of Bill Impacts**

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 1.33	4.9%	\$ 2.98	10.0%	\$ 3.90	9.3%	\$ 3.74	3.2%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 3.94	6.8%	\$ 8.34	12.9%	\$ 10.60	11.2%	\$ 10.18	3.4%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 1,134.61	13.7%	\$ 21.86	0.2%	\$ 1,275.61	4.7%	\$ 1,441.44	0.9%
GENERAL SERVICE 1,000 TO 4,999 kW (CO-GENERATION) SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 693.33	10.8%	\$ (1,431.17)	-18.1%	\$ (22.17)	-0.1%	\$ (25.05)	0.0%
STANDBY POWER SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 760.55	6.0%	\$ (858.85)	-6.0%	\$ (858.85)	-6.0%	\$ (970.50)	-0.7%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 6,618.08	18.9%	\$ 3,464.18	7.9%	\$ 3,464.18	7.9%	\$ 3,914.52	0.6%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.45	23.2%	\$ 0.11	3.7%	\$ 0.28	5.3%	\$ 0.32	0.9%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.01	4.3%	\$ (0.52)	-55.5%	\$ (0.52)	-52.6%	\$ (0.59)	-2.7%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 3.00	6.0%	\$ 7.40	13.1%	\$ 9.66	11.2%	\$ 9.28	3.2%

All of which is respectfully submitted.

# Attachment A

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## **Certification**



**London  
Hydro**

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

Powering London.

Empowering You.

October 12, 2022

## **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, CPA, CA

Chief Financial Officer, Vice-President of Finance, & Corporate Secretary

London Hydro Inc.



# Attachment B

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## **Current Tariff of Rates and Charges**

**SCHEDULE A**  
**DECISION AND ORDER**  
**LONDON HYDRO INC.**  
**TARIFF OF RATES AND CHARGES**  
**EB-2021-0041**  
**FEBRUARY 24, 2022**

# London Hydro Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2022

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

EB-2021-0041

## 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	\$	27.46
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$	(0.73)
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023	\$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0091
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

# London Hydro Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2022

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

EB-2021-0041

## 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

Service Charge	\$	31.45
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0135
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	(0.0010)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023	\$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0085
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

### 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 and Implementation Date May 1, 2022

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

EB-2021-0041

## 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	\$	153.60
Distribution Volumetric Rate	\$/kW	3.2356
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	(0.3273)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.1796
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023 - Applicable only for Non-Wholesale Market Participants	\$/kW	(0.1064)

Issued February 24, 2022

**London Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2022**  
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EB-2021-0041

Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023	\$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kW	0.3339
Retail Transmission Rate - Network Service Rate	\$/kW	3.8253
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.9759

**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 and Implementation Date May 1, 2022

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

EB-2021-0041

## 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

Service Charge	\$	902.50
Distribution Volumetric Rate is applied to billed demand in excess of contracted amount (e.g. nameplate rating of the generation facility)	\$/kW	2.1662
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	(0.2532)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	(0.0135)
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023	\$/kWh	0.0014

Issued February 24, 2022

**London Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2021-0041

Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kW	0.2958
Retail Transmission Rate - Network Service Rate	\$/kW	4.4160
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.1479

**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 and Implementation Date May 1, 2022

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

EB-2021-0041

## 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	3.5111
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	<b>(0.1637)</b>
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.0415
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023	\$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kW	0.2958

**London Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2022**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2021-0041

## 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	\$	19,799.26
Distribution Volumetric Rate	\$/kW	2.7329
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	(0.4222)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.0961
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023	\$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kW	(0.8829)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.9186
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9759

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
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Issued February 24, 2022

**London Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2022**  
**This schedule supersedes and replaces all previously**  
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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**  
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EB-2021-0041

## STREET LIGHTING SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.74
Distribution Volumetric Rate	\$/kW	10.4370
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	1.0841
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.0428
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023	\$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until April 30, 2023	\$/kW	(7.6368)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6265
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8804

### 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.**  
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## SENTINEL LIGHTING SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.90
Distribution Volumetric Rate	\$/kW	19.1677
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	(0.2479)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	0.0468
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023	\$/kWh	0.0014
Retail Transmission Rate - Network Service Rate	\$/kW	2.6299
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8830

### 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.**  
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## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.46
Distribution Volumetric Rate	\$/kWh	0.0258
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	(0.0007)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0085
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

### 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.**  
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### microFIT SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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### ALLOWANCES

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

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**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	\$	15.00

**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)	\$	34.76



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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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	107.68
Monthly Fixed Charge, per retailer	\$	43.08
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.07
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.64
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.64)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.54
Processing fee, per request, applied to the requesting party	\$	1.07
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)	\$	4.31
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)	\$	2.15

## 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	1.0288
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0119
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0185
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0016

# Attachment C

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## **Proposed Tariff of Rates and Charges**

**London Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2023**  
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EB-2022-0048

## 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

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Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. 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	\$	28.28
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0015)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kWh	0.0024
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0099
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0070

## 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.**  
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**GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

This classification applies to a non-residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk meter) shall be classified as General Service. Where electricity service is provided to combined residential and business (including agricultural) usage and the wiring does not provide for separate metering, the classification shall be at the discretion of London Hydro and should be based on such considerations as the estimated predominant consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro's Conditions of Service.

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	32.39
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Distribution Volumetric Rate	\$/kWh	0.0139
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0015)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kWh	0.0024
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0093
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062

**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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**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	\$	158.21
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Distribution Volumetric Rate	\$/kW	3.3327
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0015)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kW	0.3615
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024 Applicable only for Non-Wholesale Market Participants	\$/kW	0.4221
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	0.4762
Retail Transmission Rate - Network Service Rate	\$/kW	4.1675
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.1352

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

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

**APPLICATION**

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

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

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

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	\$	929.58
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Distribution Volumetric Rate is applied to billed demand in excess of contracted amount (e.g. nameplate rating of the generation facility)	\$/kW	2.2312
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0015)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kW	0.2441
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024 Applicable only for Non-Wholesale Market Participants	\$/kW	0.2256
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	0.1813
Retail Transmission Rate - Network Service Rate	\$/kW	4.8111
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.3164

**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.**  
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## STANDBY POWER SERVICE CLASSIFICATION

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

## APPLICATION

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

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

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

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	3.6164
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0015)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kW	0.2441
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	0.4861

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## LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in London Hydro's Conditions of Service.

## APPLICATION

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

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

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

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	\$	20,393.24
Distribution Volumetric Rate	\$/kW	2.8149
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0015)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kW	(0.8241)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	1.3191
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	4.2692

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Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	3.1352
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**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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**STREET LIGHTING SERVICE CLASSIFICATION**

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

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	1.79
Distribution Volumetric Rate	\$/kW	10.7501
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0015)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kW	(5.9629)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	0.8503
Retail Transmission Rate - Network Service Rate	\$/kW	2.8615
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9811

**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.**  
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## SENTINEL LIGHTING SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.05
Distribution Volumetric Rate	\$/kW	19.7427
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0016)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	0.8871
Retail Transmission Rate - Network Service Rate	\$/kW	2.8652
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9838

### 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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**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)	\$	2.53
Distribution Volumetric Rate	\$/kWh	0.0266
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kWh	0.0024
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0093
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062

**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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**microFIT SERVICE CLASSIFICATION**

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

**APPLICATION**

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	4.55
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**ALLOWANCES**

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

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**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	\$	15.00

**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)	\$	34.76



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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	\$	110.05
Monthly Fixed Charge, per retailer	\$	44.03
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.09
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.65
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.65)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.55
Processing fee, per request, applied to the requesting party	\$	1.09
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)	\$	4.40
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)	\$	2.20

**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	1.0288
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0119
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0185
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0016

# Attachment D

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## **Bill Impacts**





Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0288	
Proposed/Approved Loss Factor	1.0288	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.46	1	\$ 27.46	\$ 28.28	1	\$ 28.28	\$ 0.82	2.99%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ (0.73)	1	\$ (0.73)	\$ -	1	\$ -	\$ 0.73	-100.00%
Volumetric Rate Riders	\$ 0.0003	750	\$ 0.23	\$ -	750	\$ -	\$ (0.23)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 26.96</b>			<b>\$ 28.28</b>	<b>\$ 1.33</b>	<b>4.92%</b>
Line Losses on Cost of Power	\$ 0.1034	22	\$ 2.23	\$ 0.1034	22	\$ 2.23	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0002	750	\$ 0.15	\$ 0.0024	750	\$ 1.80	\$ 1.65	1100.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.42	1	\$ 0.42	\$ 0.42	1	\$ 0.42	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 29.76</b>			<b>\$ 32.73</b>	<b>\$ 2.98</b>	<b>10.00%</b>
RTSR - Network	\$ 0.0091	772	\$ 7.02	\$ 0.0099	772	\$ 7.64	\$ 0.62	8.79%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0066	772	\$ 5.09	\$ 0.0070	772	\$ 5.40	\$ 0.31	6.06%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 41.87</b>			<b>\$ 45.77</b>	<b>\$ 3.90</b>	<b>9.32%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	772	\$ 2.62	\$ 0.0034	772	\$ 2.62	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	772	\$ 0.39	\$ 0.0005	772	\$ 0.39	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	480	\$ 39.36	\$ 0.0820	480	\$ 39.36	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	135	\$ 15.26	\$ 0.1130	135	\$ 15.26	\$ -	0.00%
TOU - On Peak	\$ 0.1700	135	\$ 22.95	\$ 0.1700	135	\$ 22.95	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 122.70</b>			<b>\$ 126.60</b>	<b>\$ 3.90</b>	<b>3.18%</b>
HST	13%		\$ 15.95	13%		\$ 16.46	\$ 0.51	3.18%
Ontario Electricity Rebate	17.0%		\$ (20.86)	17.0%		\$ (21.52)	\$ (0.66)	
<b>Total Bill on TOU</b>			<b>\$ 117.79</b>			<b>\$ 121.53</b>	<b>\$ 3.74</b>	<b>3.18%</b>

In the manager's summary, discuss the reasons for the change.

In the manager's summary, discuss the reasons for the change.

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0288	
Proposed/Approved Loss Factor	1.0288	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 31.45	1	\$ 31.45	\$ 32.39	1	\$ 32.39	\$ 0.94	2.99%
Distribution Volumetric Rate	\$ 0.0135	2000	\$ 27.00	\$ 0.0139	2000	\$ 27.80	\$ 0.80	2.96%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0003	2000	\$ (0.60)	\$ 0.0008	2000	\$ 1.60	\$ 2.20	-366.67%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 57.85</b>			<b>\$ 61.79</b>	<b>\$ 3.94</b>	<b>6.81%</b>
Line Losses on Cost of Power	\$ 0.1034	58	\$ 5.96	\$ 0.1034	58	\$ 5.96	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0002	2,000	\$ 0.40	\$ 0.0024	2,000	\$ 4.80	\$ 4.40	1100.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.42	1	\$ 0.42	\$ 0.42	1	\$ 0.42	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 64.63</b>			<b>\$ 72.97</b>	<b>\$ 8.34</b>	<b>12.90%</b>
RTSR - Network	\$ 0.0085	2,058	\$ 17.49	\$ 0.0093	2,058	\$ 19.14	\$ 1.65	9.41%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	2,058	\$ 12.14	\$ 0.0062	2,058	\$ 12.76	\$ 0.62	5.08%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 94.26</b>			<b>\$ 104.86</b>	<b>\$ 10.60</b>	<b>11.25%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,058	\$ 7.00	\$ 0.0034	2,058	\$ 7.00	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,058	\$ 1.03	\$ 0.0005	2,058	\$ 1.03	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	1,280	\$ 104.96	\$ 0.0820	1,280	\$ 104.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	360	\$ 40.68	\$ 0.1130	360	\$ 40.68	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 309.37</b>			<b>\$ 319.97</b>	<b>\$ 10.60</b>	<b>3.43%</b>
HST		13%	\$ 40.22		13%	\$ 41.60	\$ 1.38	3.43%
Ontario Electricity Rebate		17.0%	\$ (52.59)		17.0%	\$ (54.40)	\$ (1.80)	-
<b>Total Bill on TOU</b>			<b>\$ 297.00</b>			<b>\$ 307.18</b>	<b>\$ 10.18</b>	<b>3.43%</b>

In the manager's summary, discuss the reasons for the change in the distribution sub-total.

In the manager's summary, discuss the reasons for the change in the delivery sub-total.

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	1,095,000 kWh
Demand	2,500 kW
Current Loss Factor	1.0288
Proposed/Approved Loss Factor	1.0288

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 153.60	1	\$ 153.60	\$ 158.21	1	\$ 158.21	\$ 4.61	3.00%
Distribution Volumetric Rate	\$ 3.2356	2500	\$ 8,089.00	\$ 3.3327	2500	\$ 8,331.75	\$ 242.75	3.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0066	2500	\$ 16.50	\$ 0.3615	2500	\$ 903.75	\$ 887.25	5377.27%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 8,259.10</b>			<b>\$ 9,393.71</b>	<b>\$ 1,134.61</b>	<b>13.74%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.0732	2,500	\$ 183.00	\$ 0.8983	2,500	\$ 2,245.75	\$ 2,062.75	1127.19%
CBR Class B Rate Riders	\$ -	2,500	\$ -	\$ -	2,500	\$ -	\$ -	
GA Rate Riders	\$ 0.0014	1,095,000	\$ 1,533.00	\$ 0.0015	1,095,000	\$ (1,642.50)	\$ (3,175.50)	-207.14%
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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 9,975.10</b>			<b>\$ 9,996.96</b>	<b>\$ 21.86</b>	<b>0.22%</b>
RTSR - Network	\$ 3.8253	2,500	\$ 9,563.25	\$ 4.1675	2,500	\$ 10,418.75	\$ 855.50	8.95%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.9759	2,500	\$ 7,439.75	\$ 3.1352	2,500	\$ 7,838.00	\$ 398.25	5.35%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 26,978.10</b>			<b>\$ 28,253.71</b>	<b>\$ 1,275.61</b>	<b>4.73%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	1,126,536	\$ 3,830.22	\$ 0.0034	1,126,536	\$ 3,830.22	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	1,126,536	\$ 563.27	\$ 0.0005	1,126,536	\$ 563.27	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.0967	1,126,536	\$ 108,936.03	\$ 0.0967	1,126,536	\$ 108,936.03	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 140,307.87</b>			<b>\$ 141,583.48</b>	<b>\$ 1,275.61</b>	<b>0.91%</b>
HST	13%		\$ 18,240.02	13%		\$ 18,405.85	\$ 165.83	0.91%
Ontario Electricity Rebate	17.0%		\$ -	17.0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 158,547.89</b>			<b>\$ 159,989.33</b>	<b>\$ 1,441.44</b>	<b>0.91%</b>

In the manager's summary, discuss the reasons for the change in the distribution sub-total.

In the manager's summary, discuss the reasons for the change in the delivery sub-total.

Customer Class:	GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	1,095,000 kWh
Demand	2,500 kW
Current Loss Factor	1.0288
Proposed/Approved Loss Factor	1.0288

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 902.50	1	\$ 902.50	\$ 929.58	1	\$ 929.58	\$ 27.08	3.00%
Distribution Volumetric Rate	\$ 2.1662	2500	\$ 5,415.50	\$ 2.2312	2500	\$ 5,578.00	\$ 162.50	3.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0426	2500	\$ 106.50	\$ 0.2441	2500	\$ 610.25	\$ 503.75	473.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 6,424.50</b>			<b>\$ 7,117.83</b>	<b>\$ 693.33</b>	<b>10.79%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.0135	2,500	\$ (33.75)	\$ 0.4069	2,500	\$ 1,017.25	\$ 1,051.00	-3114.07%
CBR Class B Rate Riders	\$ -	2,500	\$ -	\$ -	2,500	\$ -	\$ -	
GA Rate Riders	\$ 0.0014	1,095,000	\$ 1,533.00	\$ 0.0015	1,095,000	\$ (1,642.50)	\$ (3,175.50)	-207.14%
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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 7,923.75</b>			<b>\$ 6,492.58</b>	<b>\$ (1,431.17)</b>	<b>-18.06%</b>
RTSR - Network	\$ 4.4160	2,500	\$ 11,040.00	\$ 4.8111	2,500	\$ 12,027.75	\$ 987.75	8.95%
RTSR - Connection and/or Line and Transformation Connection	\$ 3.1479	2,500	\$ 7,869.75	\$ 3.3164	2,500	\$ 8,291.00	\$ 421.25	5.35%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 26,833.50</b>			<b>\$ 26,811.33</b>	<b>\$ (22.17)</b>	<b>-0.08%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	1,126,536	\$ 3,830.22	\$ 0.0034	1,126,536	\$ 3,830.22	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	1,126,536	\$ 563.27	\$ 0.0005	1,126,536	\$ 563.27	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.0967	1,126,536	\$ 108,936.03	\$ 0.0967	1,126,536	\$ 108,936.03	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 140,163.27</b>			<b>\$ 140,141.10</b>	<b>\$ (22.17)</b>	<b>-0.02%</b>
HST	13%		\$ 18,221.23	13%		\$ 18,218.34	\$ (2.88)	-0.02%
Ontario Electricity Rebate	17.0%		\$ -	17.0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 158,384.50</b>			<b>\$ 158,359.44</b>	<b>\$ (25.05)</b>	<b>-0.02%</b>

In the manager's summary, discuss the reasons for the change.

In the manager's summary, discuss the reasons for the change.



Customer Class:	<b>STANDBY POWER SERVICE CLASSIFICATION</b>
RPP / Non-RPP:	Non-RPP (Other)
Consumption	1,095,000 kWh
Demand	3,500 kW
Current Loss Factor	1.0288
Proposed/Approved Loss Factor	1.0288

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 3.5111	3500	\$ 12,288.85	\$ 3.6164	3500	\$ 12,657.40	\$ 368.55	3.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.1321	3500	\$ 462.35	\$ 0.2441	3500	\$ 854.35	\$ 392.00	84.78%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 12,751.20</b>			<b>\$ 13,511.75</b>	<b>\$ 760.55</b>	<b>5.96%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.0415	3,500	\$ 145.25	\$ 0.4861	3,500	\$ 1,701.35	\$ 1,556.10	1071.33%
CBR Class B Rate Riders	\$ -	3,500	\$ -	\$ -	3,500	\$ -	\$ -	
GA Rate Riders	\$ 0.0014	1,095,000	\$ 1,533.00	\$ 0.0015	1,095,000	\$ (1,642.50)	\$ (3,175.50)	-207.14%
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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 14,429.45</b>			<b>\$ 13,570.60</b>	<b>\$ (858.85)</b>	<b>-5.95%</b>
RTSR - Network	\$ -	3,500	\$ -	\$ -	3,500	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	3,500	\$ -	\$ -	3,500	\$ -	\$ -	
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 14,429.45</b>			<b>\$ 13,570.60</b>	<b>\$ (858.85)</b>	<b>-5.95%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	1,126,536	\$ 3,830.22	\$ 0.0034	1,126,536	\$ 3,830.22	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	1,126,536	\$ 563.27	\$ 0.0005	1,126,536	\$ 563.27	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.0967	1,126,536	\$ 108,936.03	\$ 0.0967	1,126,536	\$ 108,936.03	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 127,759.22</b>			<b>\$ 126,900.37</b>	<b>\$ (858.85)</b>	<b>-0.67%</b>
HST	13%		\$ 16,608.70	13%		\$ 16,497.05	\$ (111.65)	-0.67%
Ontario Electricity Rebate	17.0%		\$ -	17.0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 144,367.92</b>			<b>\$ 143,397.42</b>	<b>\$ (970.50)</b>	<b>-0.67%</b>

Customer Class:	<b>LARGE USE SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	5,600,000	kWh
Demand	10,700	kW
Current Loss Factor	1.0288	
Proposed/Approved Loss Factor	1.0288	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 19,799.26	1	\$ 19,799.26	\$ 20,393.24	1	\$ 20,393.24	\$ 593.98	3.00%
Distribution Volumetric Rate	\$ 2.7329	10700	\$ 29,242.03	\$ 2.8149	10700	\$ 30,119.43	\$ 877.40	3.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 1.3051	10700	\$ (13,964.57)	\$ 0.8241	10700	\$ (8,817.87)	\$ 5,146.70	-36.86%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 35,076.72</b>			<b>\$ 41,694.80</b>	<b>\$ 6,618.08</b>	<b>18.87%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.0961	10,700	\$ 1,028.27	\$ 1.3191	10,700	\$ 14,114.37	\$ 13,086.10	1272.63%
CBR Class B Rate Riders	\$ -	10,700	\$ -	\$ -	10,700	\$ -	\$ -	
GA Rate Riders	\$ 0.0014	5,600,000	\$ 7,840.00	\$ 0.0015	5,600,000	\$ (8,400.00)	\$ (16,240.00)	-207.14%
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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 43,944.99</b>			<b>\$ 47,409.17</b>	<b>\$ 3,464.18</b>	<b>7.88%</b>
RTSR - Network	\$ -	10,700	\$ -	\$ -	10,700	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	10,700	\$ -	\$ -	10,700	\$ -	\$ -	
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 43,944.99</b>			<b>\$ 47,409.17</b>	<b>\$ 3,464.18</b>	<b>7.88%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	5,761,280	\$ 19,588.35	\$ 0.0034	5,761,280	\$ 19,588.35	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	5,761,280	\$ 2,880.64	\$ 0.0005	5,761,280	\$ 2,880.64	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.0967	5,761,280	\$ 557,115.78	\$ 0.0967	5,761,280	\$ 557,115.78	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 623,530.01</b>			<b>\$ 626,994.19</b>	<b>\$ 3,464.18</b>	<b>0.56%</b>
HST	13%		\$ 81,058.90	13%		\$ 81,509.24	\$ 450.34	0.56%
Ontario Electricity Rebate	17.0%		\$ -	17.0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 704,588.91</b>			<b>\$ 708,503.43</b>	<b>\$ 3,914.52</b>	<b>0.56%</b>

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	Non-RPP (Other)		
Consumption	256	kWh	
Demand	1	kW	
Current Loss Factor	1.0288		
Proposed/Approved Loss Factor	1.0288		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.74		\$ -	\$ 1.79		\$ -	\$ -	
Distribution Volumetric Rate	\$ 10.4370	0.5	\$ 5.22	\$ 10.7501	0.5	\$ 5.38	\$ 0.16	3.00%
Fixed Rate Riders	\$ -		\$ -	\$ -		\$ -	\$ -	
Volumetric Rate Riders	\$ 6.5527	0.5	\$ (3.28)	\$ 5.9629	0.5	\$ (2.98)	\$ 0.29	-9.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 1.94			\$ 2.39	\$ 0.45	23.24%
Line Losses on Cost of Power	\$ 0.0967	7	\$ 0.71	\$ 0.0967	7	\$ 0.71	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0428	1	\$ 0.02	\$ 0.8503	1	\$ 0.43	\$ 0.40	1886.68%
CBR Class B Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
GA Rate Riders	\$ 0.0014	256	\$ 0.36	\$ 0.0015	256	\$ (0.38)	\$ (0.74)	-207.14%
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -		\$ -	\$ -		\$ -	\$ -	
Additional Fixed Rate Riders	\$ -		\$ -	\$ -		\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 3.03			\$ 3.15	\$ 0.11	3.72%
RTSR - Network	\$ 2.6265	1	\$ 1.31	\$ 2.8615	1	\$ 1.43	\$ 0.12	8.95%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8804	1	\$ 0.94	\$ 1.9811	1	\$ 0.99	\$ 0.05	5.36%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 5.29			\$ 5.57	\$ 0.28	5.31%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	263	\$ 0.90	\$ 0.0034	263	\$ 0.90	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	263	\$ 0.13	\$ 0.0005	263	\$ 0.13	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25		\$ -	\$ 0.25		\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.0967	256	\$ 24.76	\$ 0.0967	256	\$ 24.76	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 31.07			\$ 31.35	\$ 0.28	0.90%
HST	13%		\$ 4.04	13%		\$ 4.08	\$ 0.04	0.90%
Ontario Electricity Rebate	17.0%		\$ -	17.0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 35.11			\$ 35.43	\$ 0.32	0.90%

In the manager's summary, discuss the reasons for the change in the distribution sub-total.

In the manager's summary, discuss the reasons for the change in the delivery sub-total.

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	180 kWh
Demand	0 kW
Current Loss Factor	1.0288
Proposed/Approved Loss Factor	1.0288

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.90		\$ -	\$ 5.05		\$ -	\$ -	
Distribution Volumetric Rate	\$ 19.1677	0.01	\$ 0.19	\$ 19.7427	0.01	\$ 0.20	\$ 0.01	3.00%
Fixed Rate Riders	\$ -		\$ -	\$ -		\$ -	\$ -	
Volumetric Rate Riders	\$ 0.2479	0.01	\$ (0.00)	\$ -	0.01	\$ -	\$ 0.00	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 0.19			\$ 0.20	\$ 0.01	4.35%
Line Losses on Cost of Power	\$ 0.0967	5	\$ 0.50	\$ 0.0967	5	\$ 0.50	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0468	0	\$ 0.00	\$ 0.8871	0	\$ 0.01	\$ 0.01	1795.51%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
GA Rate Riders	\$ 0.0014	180	\$ 0.25	\$ 0.0016	180	\$ (0.29)	\$ (0.54)	-214.29%
Low Voltage Service Charge	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -		\$ -	\$ -		\$ -	\$ -	
Additional Fixed Rate Riders	\$ -		\$ -	\$ -		\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 0.94			\$ 0.42	\$ (0.52)	-55.50%
RTSR - Network	\$ 2.6299	0	\$ 0.03	\$ 2.8652	0	\$ 0.03	\$ 0.00	8.95%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8830	0	\$ 0.02	\$ 1.9838	0	\$ 0.02	\$ 0.00	5.35%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 0.99			\$ 0.47	\$ (0.52)	-52.63%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	185	\$ 0.63	\$ 0.0034	185	\$ 0.63	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	185	\$ 0.09	\$ 0.0005	185	\$ 0.09	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25		\$ -	\$ 0.25		\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.0967	180	\$ 17.41	\$ 0.0967	180	\$ 17.41	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 19.12			\$ 18.60	\$ (0.52)	-2.72%
HST	13%		\$ 2.49	13%		\$ 2.42	\$ (0.07)	-2.72%
Ontario Electricity Rebate	17.0%		\$ (3.25)	17.0%		\$ (3.16)	\$ (0.09)	-2.72%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 21.60			\$ 21.01	\$ (0.59)	-2.72%

In the manager's summary, discuss the reasons for the change.

In the manager's summary, discuss the reasons for the change.

Customer Class:	<b>UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0288	
Proposed/Approved Loss Factor	1.0288	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2.46		\$ -	\$ 2.53		\$ -	\$ -	-
Distribution Volumetric Rate	\$ 0.0258	2000	\$ 51.60	\$ 0.0266	2000	\$ 53.20	\$ 1.60	3.10%
Fixed Rate Riders	\$ -		\$ -	\$ -		\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0007	2000	\$ (1.40)	\$ -	2000	\$ -	\$ 1.40	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 50.20</b>			<b>\$ 53.20</b>	<b>\$ 3.00</b>	<b>5.98%</b>
Line Losses on Cost of Power	\$ 0.1034	58	\$ 5.96	\$ 0.1034	58	\$ 5.96	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0002	2,000	\$ 0.40	\$ 0.0024	2,000	\$ 4.80	\$ 4.40	1100.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -		\$ -	\$ -		\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -		\$ -	\$ -		\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 56.56</b>			<b>\$ 63.96</b>	<b>\$ 7.40</b>	<b>13.08%</b>
RTSR - Network	\$ 0.0085	2,058	\$ 17.49	\$ 0.0093	2,058	\$ 19.14	\$ 1.65	9.41%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	2,058	\$ 12.14	\$ 0.0062	2,058	\$ 12.76	\$ 0.62	5.08%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 86.19</b>			<b>\$ 95.85</b>	<b>\$ 9.66</b>	<b>11.21%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,058	\$ 7.00	\$ 0.0034	2,058	\$ 7.00	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,058	\$ 1.03	\$ 0.0005	2,058	\$ 1.03	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25		\$ -	\$ 0.25		\$ -	\$ -	-
TOU - Off Peak	\$ 0.0820	1,280	\$ 104.96	\$ 0.0820	1,280	\$ 104.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	360	\$ 40.68	\$ 0.1130	360	\$ 40.68	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 301.05</b>			<b>\$ 310.71</b>	<b>\$ 9.66</b>	<b>3.21%</b>
HST		13%	\$ 39.14		13%	\$ 40.39	\$ 1.26	3.21%
Ontario Electricity Rebate		17.0%	\$ (51.18)		17.0%	\$ (52.82)	\$ (1.64)	-
<b>Total Bill on TOU</b>			<b>\$ 289.01</b>			<b>\$ 298.29</b>	<b>\$ 9.28</b>	<b>3.21%</b>

In the manager's summary, discuss the reasons for the change.

In the manager's summary, discuss the reasons for the change.

# Attachment E

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## **2023 IRM Rate Generator Model**

# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

**Quick Link**  
Ontario Energy Board's 2023 Electricity  
Distribution Rate Applications Webpage

Version 1.0

Utility Name	London Hydro Inc.
Assigned EB Number	EB-2022-0048
Name of Contact and Title	Judith Nagy, Supervising Regulatory Advisor
Phone Number	519-661-5800 Ext 5587
Email Address	nagyj@londonhydro.com
We are applying for rates effective	May 1, 2023
Rate-Setting Method	Price Cap IR
	2022

1. Select the last Cost of Service rebasing year.

To determine the first year the continuity schedules in tab 3 will be generated for input, answer the following questions:  
For all the responses below, when selecting a year, select the year relating to the account balance. For example, if the 2020 balances that were reviewed in the 2022 rate application were to be selected, select 2020.

2. For Accounts 1588 and 1589, please indicate the year of the account balances that the accounts were last disposed on a final basis for information purposes.

2020

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved for disposition on a final basis.

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

- i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis.
- ii) there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.

2020

3. For the remaining Group 1 DVAs, please indicate the year of the account balances that were last disposed on a final basis

2020

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances 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 of the year-end balances that were last approved for disposition on an interim basis.
- ii) If there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.

2020

4. Select the earliest vintage year in which there is a balance in Account 1595.

2017

(e.g. if 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016.)

5. Did you have any Class A customers at any point during the period that the Account 1589 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 1590, 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.



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

		2017									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments <sup>4</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
<b>Group 1 Accounts</b>											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0					0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0				0					0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0					0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0					0
RSVA - Retail Transmission Network Charge	1584	0				0					0
RSVA - Retail Transmission Connection Charge	1586	0				0					0
RSVA - Power <sup>7</sup>	1588	0				0					0
RSVA - Global Adjustment <sup>4</sup>	1589	0				0					0
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
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	0				0					0
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0					0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595	0				0					0
Disposition and Recovery/Refund of Regulatory Balances (2022) <sup>3</sup>	1595	0				0					0
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0					0
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	0	0	0	0	0	0	0	0	0	0
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		0	4,036,014	6,948,407	0	(2,912,393)	0	(52,777)	92,107	0	(144,884)
<b>Total Group 1 Balance requested for disposition</b>		0	4,036,014	6,948,407	0	(2,912,393)	0	(52,777)	92,107	0	(144,884)
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>		851,706			851,706		5,004			5,004
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		0	4,887,721	6,948,407	0	(2,060,687)	0	(47,773)	92,107	0	(139,880)

**For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g. debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB decision.**

<sup>1</sup> Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

<sup>2</sup> 1) If the LDC's rate year begins on January 1, 2023, the projected interest is recorded from January 1, 2022 to December 31, 2022 on the December 31, 2021 balances adjusted to remove balances approved for disposition in the 2022 rate decision.

2) If the LDC's rate year begins on May 1, 2023, the projected interest is recorded from January 1, 2022 to April 30, 2023 on the December 31, 2021 balances adjusted to remove balances approved for disposition in the 2022 rate decision.

<sup>3</sup> The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. Any vintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor.

Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Account 1595 (2020), (2021), (2022) will not be eligible for disposition in the 2023 rate application.

<sup>4</sup> New accounting guidance effective January 1, 2019 for Accounts 1588 and 1589 was issued Feb. 21, 2019 titled Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589. The amount in the "Transactions" column in this DVA Continuity Schedule are to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" columns). Any true-ups/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principal Adjustments" columns of this DVA Continuity Schedule.

<sup>5</sup> RRR balance for Account 1580 RSVA - Wholesale Market Service Charge should equal to the control account as reported in the RRR. This would include the balance for Account 1580, Variance WMS – Sub-account CBR Class B.





Ontario Energy Board

# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

		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
<b>Group 1 Accounts</b>											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power <sup>4</sup>	1588	0				0	0				0
RSVA - Global Adjustment <sup>4</sup>	1589	0				0	0				0
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>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2022) <sup>3</sup>	1595	0				0	0				0
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0				0
RSVA - Global Adjustment requested for disposition	1589	0	0	0	0	0	0	0	0	0	0
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		<b>(2,912,393)</b>	<b>5,159,811</b>	<b>4,120,465</b>	<b>128,765</b>	<b>(1,744,282)</b>	<b>(144,884)</b>	<b>49,863</b>	<b>69,756</b>	<b>5,094</b>	<b>(159,682)</b>
<b>Total Group 1 Balance requested for disposition</b>		<b>(2,912,393)</b>	<b>5,159,811</b>	<b>4,120,465</b>	<b>128,765</b>	<b>(1,744,282)</b>	<b>(144,884)</b>	<b>49,863</b>	<b>69,756</b>	<b>5,094</b>	<b>(159,682)</b>
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	<b>851,706</b>	<b>818,446</b>			<b>1,670,152</b>	<b>5,004</b>	<b>23,364</b>			<b>28,368</b>
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		<b>(2,060,687)</b>	<b>5,978,257</b>	<b>4,120,465</b>	<b>128,765</b>	<b>(74,130)</b>	<b>(139,880)</b>	<b>73,227</b>	<b>69,756</b>	<b>5,094</b>	<b>(131,315)</b>



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

Account Descriptions		2019									
		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
<b>Group 1 Accounts</b>											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power <sup>4</sup>	1588	0				0	0				0
RSVA - Global Adjustment <sup>4</sup>	1589	0				0	0				0
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>	1595	0	(3,443,370)	(8,302,809)		4,859,439	0	102,359	(35,119)		137,477
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2022) <sup>3</sup>	1595	0				0	0				0
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0				0
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	0	0	0	0	0	0	0	0	0	0
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		(1,744,282)	(1,987,520)	(8,302,809)	0	4,571,007	(159,682)	226,614	(35,119)	2,893	104,944
<b>Total Group 1 Balance requested for disposition</b>		(1,744,282)	(1,987,520)	(8,302,809)	0	4,571,007	(159,682)	226,614	(35,119)	2,893	104,944
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	1,670,152	654,860			2,325,012	28,368	44,117			72,484
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		(74,130)	(1,332,661)	(8,302,809)	0	6,896,018	(131,315)	270,731	(35,119)	2,893	177,428



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

		2020									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2020	Transactions Debit/ (Credit) during 2020	OEB-Approved Disposition during 2020	Principal Adjustments <sup>1</sup> during 2020	Closing Principal Balance as of Dec 31, 2020	Opening Interest Amounts as of Jan 1, 2020	Interest Jan 1 to Dec 31, 2020	OEB-Approved Disposition during 2020	Interest Adjustments <sup>1</sup> during 2020	Closing Interest Amounts as of Dec 31, 2020
<b>Group 1 Accounts</b>											
LV Variance Account	1550	0				0	0			0	
Smart Metering Entity Charge Variance Account	1551	0			(198,290)	(198,290)			(8,761)	(8,761)	
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0			(5,640,898)	(5,640,898)			(209,628)	(209,628)	
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0			274	274			(8)	(8)	
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0			(496,439)	(496,439)			(20,138)	(20,138)	
RSVA - Retail Transmission Network Charge	1584	0			3,496,347	3,496,347			137,584	137,584	
RSVA - Retail Transmission Connection Charge	1586	0			174,565	174,565			32,278	32,278	
RSVA - Power <sup>4</sup>	1588	0			1,696,175	1,696,175			(27,974)	(27,974)	
RSVA - Global Adjustment <sup>4</sup>	1589	0			5,846,802	5,846,802			335,392	335,392	
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	(131,706)				(131,706)	(55,853)	(1,805)		(57,658)	
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	(156,727)				(156,727)	23,319	(3,913)	1,765	21,171	
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	4,859,439	(4,686,216)			173,223	137,477	(207,945)		(70,468)	
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0			0	
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595	0				0	0			0	
Disposition and Recovery/Refund of Regulatory Balances (2022) <sup>3</sup>	1595	0				0	0			0	
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0			0	
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	0	0	0	5,846,802	5,846,802	0	0	0	335,392	
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		4,571,007	(4,686,216)	0	(968,267)	(1,083,476)	104,944	(213,663)	0	(94,883)	
<b>Total Group 1 Balance requested for disposition</b>		4,571,007	(4,686,216)	0	4,878,535	4,763,325	104,944	(213,663)	0	240,509	
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	2,325,012	597,180			2,922,192	72,484	34,531		107,015	
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		6,896,018	(4,089,036)	0	4,878,535	7,685,517	177,428	(179,133)	0	240,509	



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

		<b>2021</b>									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2021	Transactions Debit/ (Credit) during 2021	OEB-Approved Disposition during 2021	Principal Adjustments <sup>1</sup> during 2021	Closing Principal Balance as of Dec 31, 2021	Opening Interest Amounts as of Jan 1, 2021	Interest Jan 1 to Dec 31, 2021	OEB-Approved Disposition during 2021	Interest Adjustments <sup>1</sup> during 2021	Closing Interest Amounts as of Dec 31, 2021
<b>Group 1 Accounts</b>											
LV Variance Account	1550	0				0	0			0	
Smart Metering Entity Charge Variance Account	1551	(198,290)	(91,417)	(182,813)		(106,894)	(8,761)	(578)	(9,045)	(294)	
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(5,640,898)	2,678,155	(4,145,234)		1,182,491	(209,628)	(9,089)	(211,449)	(7,268)	
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	274	1,513			1,787	(8)	9		1	
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(496,439)	(295,448)	(424,764)		(367,123)	(20,138)	(1,435)	(20,028)	(241)	
RSVA - Retail Transmission Network Charge	1584	3,496,347	3,229,644	2,097,956		4,628,035	137,584	21,506	140,799	18,291	
RSVA - Retail Transmission Connection Charge	1586	174,565	771,463	(84,534)		1,030,562	32,278	1,996	34,334	(60)	
RSVA - Power <sup>4</sup>	1588	1,696,175	(512,958)	940,102	1,503,408	1,746,523	(27,974)	7,428	(5,054)	(15,491)	
RSVA - Global Adjustment <sup>4</sup>	1589	5,846,802	(883,183)	4,579,063	(353,804)	30,752	335,392	12,899	287,102	61,189	
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	(131,706)				(131,706)	(57,658)	(751)		(58,409)	
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	(156,727)				(156,727)	21,171	(893)		20,278	
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595	173,223	(1,532)			171,691	(70,468)	(6,160)		(76,627)	
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595	0				0	0			0	
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595	0	(2,022,191)	(3,737,546)		1,715,355	0	10,198	(75,062)	85,260	
Disposition and Recovery/Refund of Regulatory Balances (2022) <sup>3</sup>	1595	0				0	0			0	
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0			0	
<b>RSVA - Global Adjustment requested for disposition</b>	<b>1589</b>	5,846,802	(883,183)	4,579,063	(353,804)	30,752	335,392	12,899	287,102	0	61,189
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition</b>		(1,083,476)	3,757,229	(5,536,834)	1,503,408	9,713,994	(203,603)	22,232	(145,504)	(241)	(36,108)
<b>Total Group 1 Balance requested for disposition</b>		4,763,325	2,874,046	(957,771)	1,149,603	9,744,746	131,790	35,131	141,598	(241)	25,081
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	2,922,192	592,270	851,706		2,662,756	107,015	14,415	53,338		68,091
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		7,685,517	3,466,317	(106,065)	1,149,603	12,407,502	238,805	49,546	194,936	(241)	93,173



Ontario Energy Board

## Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number	2022				Projected Interest on Dec-31-2021 Balances				Account Disposition: Yes/No?	2.1.7 RRR <sup>5</sup> As of Dec 31, 2021	Variance RRR vs. 2021 Balance (Principal + Interest)
		Principal Disposition during 2022 - instructed by OEB	Interest Disposition during 2022 - instructed by OEB	Closing Principal Balances as of Dec 31, 2020 Adjusted for Disposition during 2022	Closing Interest Balances as of Dec 31, 2020 Adjusted for Disposition during 2022	Projected Interest from Jan 1, 2022 to Dec 31, 2022 on Dec 31, 2021 balance adjusted for disposition during 2022 <sup>2</sup>	Projected Interest from Jan 1, 2023 to Apr 30, 2023 on Dec 31, 2021 balance adjusted for disposition during 2022 <sup>2</sup>	Total Interest	Total Claim			
<b>Group 1 Accounts</b>												
LV Variance Account	1550			0	0			0	0			0
Smart Metering Entity Charge Variance Account	1551	(15,477)	(176)	(91,417)	(118)	(1,794)	(1,163)	(3,075)	(94,493)		(107,188)	0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,495,664)	(17,275)	2,678,155	10,007	48,194	34,075	92,276	2,770,431		808,101	(367,123)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580			1,787	1	34	23	58	0		1,788	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(71,675)	(1,449)	(295,448)	(338)	(5,848)	(3,759)	(9,945)	(305,392)		(368,910)	0
RSVA - Retail Transmission Network Charge	1584	1,398,392	11,308	3,229,644	6,984	65,303	41,092	113,378	3,343,022		4,646,326	0
RSVA - Retail Transmission Connection Charge	1586	259,099	(252)	771,463	192	15,431	9,816	25,439	796,902		1,030,502	0
RSVA - Power <sup>4</sup>	1588	756,073	(15,431)	990,450	(60)	20,761	12,602	33,303	1,023,753		608,003	(1,123,028)
RSVA - Global Adjustment <sup>4</sup>	1589	1,267,739	66,473	(1,236,987)	(5,284)	(20,965)	(15,739)	(41,988)	(1,278,975)		660,637	568,696
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	(131,706)	(58,655)	0	247	(296)	0	(49)	0	No	(190,114)	(0)
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595			(156,727)	20,278	(3,017)	(1,994)	15,267	(141,460)	Yes	(136,449)	0
Disposition and Recovery/Refund of Regulatory Balances (2019) <sup>3</sup>	1595			171,691	(76,627)			(76,627)	0	No	95,063	0
Disposition and Recovery/Refund of Regulatory Balances (2020) <sup>3</sup>	1595			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2021) <sup>3</sup>	1595			1,715,355	85,260			85,260	0	No	1,800,615	(0)
Disposition and Recovery/Refund of Regulatory Balances (2022) <sup>3</sup>	1595									No		
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>				0	0			0	0			0
RSVA - Global Adjustment requested for disposition	1589	1,267,739	66,473	(1,236,987)	(5,284)	(20,965)	(15,739)	(41,988)	(1,278,975)		660,637	568,696
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		699,041	(81,932)	9,014,953	45,825	138,768	90,690	275,283	7,392,762		8,554,859	(1,123,028)
Total Group 1 Balance requested for disposition		1,966,780	(15,459)	7,777,966	40,540	117,803	74,952	233,295	6,113,787		9,215,496	(554,332)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	1,473,305	63,930	1,189,450	4,161	26,130	15,344	45,635	1,235,085		2,728,442	(2,406)
<b>Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition</b>		3,440,086	48,471	8,967,416	44,701	143,933	90,296	278,930	7,348,872		11,943,938	(556,737)

# Incentive Rate-setting Mechanism Rate Generator for 2023 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? Yes

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1595 Recovery Proportion (2018) <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	1,182,331,248	0	18,746,353	0	0	0	1,182,331,248	0	24%	0	149,578
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	380,707,662	0	56,259,996	0	0	0	380,707,662	0	10%	300,344	13,031
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	1,366,099,655	3,647,185	1,180,536,725	3,258,079	14,037,261	27,859	1,352,062,394	3,619,326	61%	1,318,293	
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kW	10,160,664	70,722	9,082,892	45,496	1,077,771	25,226	9,082,893	45,496	1%	17,266	
STANDBY POWER SERVICE CLASSIFICATION	kW	34,497,713	172,800	34,497,713	172,800	0	0	34,497,713	172,800	1%	42,188	
LARGE USE SERVICE CLASSIFICATION	kW	106,007,110	194,965	106,007,110	194,965	0	0	106,007,110	194,965	3%	-160,676	
STREET LIGHTING SERVICE CLASSIFICATION	kW	16,882,809	47,348	16,882,809	47,348	0	0	16,882,809	47,348	1%	-282,330	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	527,623	1,434	4,445	12	0	0	527,623	1,434	0%	0	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,430,915	0	0	0	0	0	5,430,915	0	0%	0	
<b>Total</b>		3,102,645,398	4,134,454	1,422,018,042	3,718,700	15,115,032	53,085	3,087,530,366	4,081,369	100%	1,235,085	162,609

Threshold Test	
Total Claim (including Account 1568)	\$7,348,872
Total Claim for Threshold Test (All Group 1 Accounts)	\$6,113,787
Threshold Test (Total claim per kWh) <sup>2</sup>	\$0.0020

Currently, the threshold test has been met and the default is that Group 1 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.

# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

No input required. This worksheet 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)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP			allocated based on Total less WMP				
				1550	1551	1580	1584	1586	1588	1595_(2018)	1568
RESIDENTIAL SERVICE CLASSIFICATION	38.1%	92.0%	38.3%	0	(86,921)	943,956	1,273,932	303,677	392,033	(34,290)	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	12.3%	8.0%	12.3%	0	(7,572)	303,951	410,203	97,783	126,234	(13,651)	300,344
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	44.0%	0.0%	43.8%	0	0	1,079,467	1,471,938	350,877	448,312	(86,178)	1,318,293
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	0.3%	0.0%	0.3%	0	0	7,252	10,948	2,610	3,012	(736)	17,266
STANDBY POWER SERVICE CLASSIFICATION	1.1%	0.0%	1.1%	0	0	27,542	37,170	8,861	11,439	(1,019)	42,188
LARGE USE SERVICE CLASSIFICATION	3.4%	0.0%	3.4%	0	0	84,635	114,220	27,227	35,149	(4,046)	(160,676)
STREET LIGHTING SERVICE CLASSIFICATION	0.5%	0.0%	0.5%	0	0	13,479	18,191	4,336	5,598	(1,344)	(282,330)
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	421	569	136	175	(28)	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	0	0	4,336	5,852	1,395	1,801	(170)	0
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>0</b>	<b>(94,493)</b>	<b>2,465,039</b>	<b>3,343,022</b>	<b>796,902</b>	<b>1,023,753</b>	<b>(141,460)</b>	<b>1,235,085</b>

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



# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

1a The year Account 1589 GA was last disposed

1b The year Account 1580 CBR Class B was last disposed  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)?

(If you received approval to dispose of the GA account balance as at December 31, 2018, the period the GA variance accumulated would be 2019 to 2021.)

2b Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed per #1b above to the current year requested for disposition)?

(If you received approval to dispose of the CBR Class B account balance as at December 31, 2018, the period the CBR Class B variance accumulated would be 2019 to 2021.)

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).

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2021	
			July to December	January to June
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	560,367	619,174
		kW	3,209	3,095
		Class A/B	B	A
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,016,848	3,314,137
		kW	5,320	5,842
		Class A/B	B	A
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	10,353,284	12,272,485
		kW	27,087	29,651
		Class A/B	A	B
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	5,378,011	4,157,981
		kW	12,757	10,755
		Class A/B	A	B
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,476,752	2,058,841
		kW	5,135	4,456
		Class A/B	A	B
Customer 6	STANDBY POWER SERVICE CLASSIFICATION	kWh	2,149,849	736,375
		kW	21,000	21,000
		Class A/B	A	B
Customer 7	GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE	kWh	618,901	146,470
		kW	6,046	4,177
		Class A/B	A	B

3b 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 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).

In the table, enter the total Class A consumption for full year Class A customers in each rate class for each year, including any transition customer's consumption identified in table 3a above that were Class A customers for the full year before/after the transition year (E.g. if a customer transitioned from Class B to A in 2020, exclude this customer's consumption for 2020 but include this customer's consumption in 2021 as they were a Class A customer for the full year).

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

Rate Class	Rate Class		2021	
			kWh	kW
Rate Class 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	412,700,079	
		kW		961,307
Rate Class 2	GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE	kWh	97,417	
		kW		1,518
Rate Class 3	STANDBY POWER SERVICE CLASSIFICATION	kWh	4,655,844	
		kW		70,800
Rate Class 4	LARGE USE SERVICE CLASSIFICATION	kWh	105,654,509	
		kW		194,965



# centive Rate-setting Mechanism Rate Generator for 2023 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

2020

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

		Total	2021
Non-RPP Consumption Less WMP Consumption	A	1,422,018,042	1,422,018,042
Less Class A Consumption for Partial Year Class A Customers	B	24,910,108	24,910,108
Less Consumption for Full Year Class A Customers	C	523,107,849	523,107,849
<b>Total Class B Consumption for Years During Balance Accumulation</b>	<b>D = A-B-C</b>	<b>874,000,085</b>	<b>874,000,085</b>
All Class B Consumption for Transition Customers	E	22,949,366	22,949,366
<b>Transition Customers' Portion of Total Consumption</b>	<b>F = E/D</b>	<b>2.63%</b>	

### Allocation of Total GA Balance \$

Total GA Balance	G	-\$ 1,278,975
Transition Customers Portion of GA Balance	H=F*G	-\$ 33,583
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$ 1,245,392

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

# of Class A/B Transition Customers		7				
Customer		Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2021	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments
Customer 1		560,367	560,367	2.44%	-\$ 820	68
Customer 2		3,016,848	3,016,848	13.15%	-\$ 4,415	368
Customer 3		12,272,485	12,272,485	53.48%	-\$ 17,959	1,497
Customer 4		4,157,981	4,157,981	18.12%	-\$ 6,085	507
Customer 5		2,058,841	2,058,841	8.97%	-\$ 3,013	251
Customer 6		736,375	736,375	3.21%	-\$ 1,078	90
Customer 7		146,470	146,470	0.64%	-\$ 214	18
Total		22,949,366	22,949,366	100.00%	-\$ 33,583	

# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

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

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

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 2021 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2021 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered 2021 Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
	kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	18,746,353	0	0	2.2%	(\$27,433)	(\$0.0015)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	56,259,996	0	0	6.6%	(\$82,329)	(\$0.0015)	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,180,536,725	412,700,079	44,207,879	85.0%	(\$1,058,928)	(\$0.0015)	kWh
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kWh	9,082,892	97,417	765,370	1.0%	(\$12,029)	(\$0.0015)	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	34,497,713	4,655,844	2,886,224	3.2%	(\$39,446)	(\$0.0015)	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	106,007,110	105,654,509	0	0.0%	(\$516)	(\$0.0015)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	16,882,809	0	16,882,809	2.0%	(\$24,706)	(\$0.0015)	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	4,445	0	4,445	0.0%	(\$7)	(\$0.0016)	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	0	0	0.0%	\$0	\$0.0000	
<b>Total</b>		1,422,018,042	523,107,849	47,859,473	100.0%	(\$1,245,394)		

# Incentive Rate-setting Mechanism Rate Generator for 2023 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.

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	2021
Total Consumption Less WMP Consumption	A	3,087,530,366	3,087,530,366
Less Class A Consumption for Partial Year Class A Customers	B	24,910,108	24,910,108
Less Consumption for Full Year Class A Customers	C	523,107,849	523,107,849
<b>Total Class B Consumption for Years During Balance Accumulation</b>	<b>D = A-B-C</b>	<b>2,539,512,409</b>	<b>2,539,512,409</b>
All Class B Consumption for Transition Customers	E	22,949,366	22,949,366
<b>Transition Customers' Portion of Total Consumption</b>	<b>F = E/D</b>	<b>0.90%</b>	

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$	305,392
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	2,760
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	302,633

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	7	Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2021	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Monthly Equal Payments	Revised Monthly Payment
Customer 1		560,367	560,367	2.44%	-\$	67	\$ -
Customer 2		3,016,848	3,016,848	13.15%	-\$	363	\$ -
Customer 3		12,272,485	12,272,485	53.48%	-\$	1,476	\$ -
Customer 4		4,157,981	4,157,981	18.12%	-\$	500	\$ -
Customer 5		2,058,841	2,058,841	8.97%	-\$	248	\$ -
Customer 6		736,375	736,375	3.21%	-\$	89	\$ -
Customer 7		146,470	146,470	0.64%	-\$	18	\$ -
Total		22,949,366	22,949,366	100.00%	-\$	2,760	\$ -

If the CBR Class B rate rider calculated in tab 6.2 rounds to zero at the fourth decimal place for one or more rate classes, the entire balance in Account 1580 CBR Class B, including the amount allocated to transition customers will be transferred to Account 1580 WMS and disposed through the general purpose Group 1 rate riders

## Incentive Rate-setting Mechanism Rate Generator for 2023 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 period since the Account 1580, sub-account CBR Class B balance accumulated.

The year Account 1580 CBR Class B was last disposed 2020

		Total Metered 2021 Consumption Minus WMP		Total Metered 2021 Consumption for Full Year Class A Customers		Total Metered 2021 Consumption for Transition Customers		Metered 2021 Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)			% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,182,331,248	0	0	0	0	0	1,182,331,248	0	47.0%	(\$142,183)	\$0.0000	kWh	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	380,707,662	0	0	0	0	0	380,707,662	0	15.1%	(\$45,783)	\$0.0000	kWh	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	1,352,062,394	3,619,326	412,700,079	961,307	44,207,879	107,307	895,154,436	2,550,712	35.6%	(\$107,648)	\$0.0000	kW	
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kW	9,082,893	45,496	97,417	1,518	765,370	10,223	8,220,106	33,756	0.3%	(\$989)	\$0.0000	kW	
STANDBY POWER SERVICE CLASSIFICATION	kW	34,497,713	172,800	4,655,844	70,800	2,886,224	42,000	26,955,645	60,000	1.1%	(\$3,242)	\$0.0000	kW	
LARGE USE SERVICE CLASSIFICATION	kW	106,007,110	194,965	105,654,509	194,965	0	0	352,600	0	0.0%	(\$42)	\$0.0000	kW	
STREET LIGHTING SERVICE CLASSIFICATION	kW	16,882,809	47,348	0	0	0	0	16,882,809	47,348	0.7%	(\$2,030)	\$0.0000	kW	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	527,623	1,434	0	0	0	0	527,623	1,434	0.0%	(\$63)	\$0.0000	kW	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,430,915	0	0	0	0	0	5,430,915	0	0.2%	(\$633)	\$0.0000	kWh	
<b>Total</b>		<b>3,087,530,366</b>	<b>4,081,369</b>	<b>523,107,849</b>	<b>1,228,590</b>	<b>47,859,473</b>	<b>159,529</b>	<b>2,516,563,044</b>	<b>2,693,250</b>	<b>100.0%</b>	<b>(\$302,633)</b>	<b>\$0.0000</b>		

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), the model will transfer the entire CBR Class B amount into Account 1580 WMS control account to be disposed through the general purpose Group 1 DVA rate riders.

# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

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

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

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes <sup>2</sup>	Allocation of Group 1 Account Balances to Non-WMP Classes Only (if Applicable) <sup>2</sup>	Deferral/Variance Account Rate Rider for			Revenue Reconcili
								Deferral/Variance Account Rate Rider <sup>2</sup>	Non-WMP (if applicable) <sup>2</sup>	Account 1568 Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,182,331,248	0	1,182,331,248	0	2,792,388		0.0024	0.0000	0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	380,707,662	0	380,707,662	0	916,948		0.0024	0.0000	0.0008	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	1,366,099,655	3,647,185	1,352,062,394	3,619,326	1,736,637	1,527,779	0.4762	0.4221	0.3615	
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	kW	10,160,664	70,722	9,082,893	45,496	12,822	10,263	0.1813	0.2256	0.2441	
STANDBY POWER SERVICE CLASSIFICATION	kW	34,497,713	172,800	34,497,713	172,800	83,994		0.4861	0.0000	0.2441	
LARGE USE SERVICE CLASSIFICATION	kW	106,007,110	194,965	106,007,110	194,965	257,186		1.3191	0.0000	(0.8241)	
STREET LIGHTING SERVICE CLASSIFICATION	kW	16,882,809	47,348	16,882,809	47,348	40,260		0.8503	0.0000	(5.9629)	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	527,623	1,434	527,623	1,434	1,272		0.8871	0.0000	0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,430,915	0	5,430,915	0	13,214		0.0024	0.0000	0.0000	
<b>7,434,629.18</b>											

<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 Generator for 2023 Filers

## Summary - Sharing of Tax Change Forecast Amounts

	2022	2023
<b>OEB-Approved Rate Base</b>	\$ 379,562,232	\$ 379,562,232
<b>OEB-Approved Regulatory Taxable Income</b>	\$ 3,386,657	\$ 3,386,657
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) <sup>1,2</sup>		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.2%
Ontario Small Business Rate (calculated effective rate) <sup>1,2</sup>		11.5%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 507,999
Provincial Taxes Payable		\$ 389,466
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	26.5%	26.5%
Total Income Taxes Payable	\$ 897,464	\$ 897,464
OEB-Approved Total Tax Credits (enter as positive number)	\$ 606,939	\$ 606,939
<b>Income Tax Provision</b>	\$ 290,525	\$ 290,525
<b>Grossed-up Income Taxes</b>	\$ 395,272	\$ 395,272
<b>Incremental Grossed-up Tax Amount</b>		\$ -
<b>Sharing of Tax Amount (50%)</b>		\$ -

### Notes

1. The appropriate Federal and Ontario small business rates are calculated in the Income/PILs Workform. The Federal and Ontario small business deduction:
  - a. is applicable if taxable capital is below \$10 million.
  - b. is phased out with taxable capital of more than \$10 million.
  - c. is completely eliminated when the taxable capital is \$15 million or more. Effective for the 2022 taxation year, the Federal small business deduction is revised to be completely eliminated when the taxable capital is \$50 million or more.
2. The OEB's proxy for taxable capital is rate base.

# Incentive Rate-setting Mechanism Rate Generator for 2023 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%
<b>Total</b>			0	0	0			0	0	0	0				0.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,182,331,248		0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	380,707,662		0	0.0000 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	1,366,099,655	3,647,185	0	0.0000 kW
GENERAL SERVICE 1,000 TO 4,999 kW (CO-GENERATION) SERVICE CLASSIFICATION	kW	10,160,664	70,722	0	0.0000 kW
STANDBY POWER SERVICE CLASSIFICATION	kW	34,497,713	172,800	0	0.0000 kW
LARGE USE SERVICE CLASSIFICATION	kW	106,007,110	194,965	0	0.0000 kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	16,882,809	47,348	0	0.0000 kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	527,623	1,434	0	0.0000 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,430,915		0	0.0000 kWh
<b>Total</b>		3,102,645,398	4,134,454	\$0	

# Incentive Rate-setting Mechanism Rate Generator for 2023 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 kWh	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0091	1,182,331,248	0	1.0288	1,216,382,388
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066	1,182,331,248	0	1.0288	1,216,382,388
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0085	380,707,662	0	1.0288	391,672,043
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	380,707,662	0	1.0288	391,672,043
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.8253	1,366,099,655	3,647,185		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.9759	1,366,099,655	3,647,185		
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.4160	44,658,377	243,522		
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.1479	44,658,377	243,522		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.9186	106,007,110	194,965		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9759	106,007,110	194,965		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6265	16,882,809	47,348		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8804	16,882,809	47,348		
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6299	527,623	1,434		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8830	527,623	1,434		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0085	5,430,915	0	1.0288	5,587,325
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	5,430,915	0	1.0288	5,587,325





# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

Uniform Transmission Rates	Unit	2021 Jan to Jun		2021 Jul to Dec		2022 Jan to Mar		2022 Apr to Dec		2023
Rate Description		Rate		Rate		Rate		Rate		Rate
Network Service Rate	kW	\$	4.67	\$	4.90	\$	5.13	\$	5.46	\$ 5.46
Line Connection Service Rate	kW	\$	0.77	\$	0.81	\$	0.88	\$	0.88	\$ 0.88
Transformation Connection Service Rate	kW	\$	2.53	\$	2.65	\$	2.81	\$	2.81	\$ 2.81

Hydro One Sub-Transmission Rates	Unit	2021		2022		2023
Rate Description		Rate		Rate		Rate
Network Service Rate	kW	\$		\$	3.4778	\$ 4.3473
Line Connection Service Rate	kW	\$		\$	0.8128	\$ 0.6788
Transformation Connection Service Rate	kW	\$		\$	2.0458	\$ 2.3267
Both Line and Transformation Connection Service Rate	kW	\$		\$	2.8586	\$ 3.0055

If needed, add extra host here. (I)	Unit	2021		2022		2023
Rate Description		Rate		Rate		Rate
Network Service Rate	kW					
Line Connection Service Rate	kW					
Transformation Connection Service Rate	kW					
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$ -

If needed, add extra host here. (II)	Unit	2021		2022		2023
Rate Description		Rate		Rate		Rate
Network Service Rate	kW					
Line Connection Service Rate	kW					
Transformation Connection Service Rate	kW					
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$ -

Low Voltage Switchgear Credit (if applicable, enter as a negative value)	Unit	Historical 2021	Current 2022	Forecast 2023
	\$			

# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed.  
If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in 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 Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	455,439	\$4.67	\$ 2,128,900	471,915	\$0.77	\$ 363,375	471,915	\$2.53	\$ 1,193,945	\$ 1,557,320
February	461,560	\$4.67	\$ 2,155,465	503,699	\$0.77	\$ 387,848	503,699	\$2.53	\$ 1,274,358	\$ 1,662,207
March	452,376	\$4.67	\$ 2,112,596	472,874	\$0.77	\$ 364,113	472,874	\$2.53	\$ 1,196,371	\$ 1,560,484
April	391,277	\$4.67	\$ 1,827,264	452,949	\$0.79	\$ 356,990	452,949	\$2.51	\$ 1,137,777	\$ 1,494,767
May	533,668	\$4.67	\$ 2,492,230	540,935	\$0.77	\$ 416,520	540,935	\$2.53	\$ 1,368,566	\$ 1,785,086
June	621,360	\$4.67	\$ 2,901,751	683,615	\$0.77	\$ 526,384	683,615	\$2.53	\$ 1,729,546	\$ 2,255,930
July	636,552	\$4.90	\$ 3,128,954	661,332	\$0.81	\$ 535,679	661,332	\$2.65	\$ 1,752,530	\$ 2,289,209
August	639,785	\$4.90	\$ 3,134,947	672,735	\$0.81	\$ 544,915	672,735	\$2.65	\$ 1,782,748	\$ 2,327,663
September	516,539	\$4.90	\$ 2,531,041	558,077	\$0.81	\$ 452,042	558,077	\$2.65	\$ 1,478,904	\$ 1,930,946
October	431,974	\$4.90	\$ 2,116,673	478,924	\$0.81	\$ 387,928	478,924	\$2.65	\$ 1,269,149	\$ 1,657,077
November	449,615	\$4.90	\$ 2,203,114	491,844	\$0.81	\$ 398,394	491,844	\$2.65	\$ 1,303,387	\$ 1,701,780
December	466,725	\$4.90	\$ 2,286,953	481,906	\$0.81	\$ 390,344	481,906	\$2.65	\$ 1,277,051	\$ 1,667,395
<b>Total</b>	<b>6,058,880</b>	<b>\$ 4.79</b>	<b>\$ 29,017,906</b>	<b>6,470,805</b>	<b>\$ 0.79</b>	<b>\$ 5,124,532</b>	<b>6,470,805</b>	<b>\$ 2.59</b>	<b>\$ 16,764,331</b>	<b>\$ 21,888,863</b>

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

Add Extra Host Here (I) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection
	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>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (II) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection
	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>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	455,439	\$ 4.6700	\$ 2,128,900	471,915	\$ 0.7700	\$ 363,375	471,915	\$ 2.5300	\$ 1,193,945	\$ 1,557,320
February	461,560	\$ 4.6700	\$ 2,155,465	503,699	\$ 0.7700	\$ 387,848	503,699	\$ 2.5300	\$ 1,274,358	\$ 1,662,207
March	452,376	\$ 4.6700	\$ 2,112,596	472,874	\$ 0.7700	\$ 364,113	472,874	\$ 2.5300	\$ 1,196,371	\$ 1,560,484
April	391,277	\$ 4.6700	\$ 1,827,264	452,949	\$ 0.7881	\$ 356,990	452,949	\$ 2.5119	\$ 1,137,777	\$ 1,494,767
May	533,668	\$ 4.6700	\$ 2,492,230	540,935	\$ 0.7700	\$ 416,520	540,935	\$ 2.5300	\$ 1,368,566	\$ 1,785,086
June	621,360	\$ 4.6700	\$ 2,901,751	683,615	\$ 0.7700	\$ 526,384	683,615	\$ 2.5300	\$ 1,729,546	\$ 2,255,930
July	636,552	\$ 4.9000	\$ 3,128,954	661,332	\$ 0.8100	\$ 535,679	661,332	\$ 2.6500	\$ 1,752,530	\$ 2,289,209
August	639,785	\$ 4.9000	\$ 3,134,947	672,735	\$ 0.8100	\$ 544,915	672,735	\$ 2.6500	\$ 1,782,748	\$ 2,327,663
September	516,539	\$ 4.9000	\$ 2,531,041	558,077	\$ 0.8100	\$ 452,042	558,077	\$ 2.6500	\$ 1,478,904	\$ 1,930,946
October	431,974	\$ 4.9000	\$ 2,116,673	478,924	\$ 0.8100	\$ 387,928	478,924	\$ 2.6500	\$ 1,269,149	\$ 1,657,077
November	449,615	\$ 4.9000	\$ 2,203,114	491,844	\$ 0.8100	\$ 398,394	491,844	\$ 2.6500	\$ 1,303,387	\$ 1,701,780
December	466,725	\$ 4.9000	\$ 2,286,953	481,906	\$ 0.8100	\$ 390,344	481,906	\$ 2.6500	\$ 1,277,051	\$ 1,667,395
<b>Total</b>	<b>6,058,880</b>	<b>\$ 4.79</b>	<b>\$ 29,017,906</b>	<b>6,470,805</b>	<b>\$ 0.79</b>	<b>\$ 5,124,532</b>	<b>6,470,805</b>	<b>\$ 2.59</b>	<b>\$ 16,764,331</b>	<b>\$ 21,888,863</b>

Low Voltage Switchgear Credit (if applicable) \$ -

**Total including deduction for Low Voltage Switchgear Credit \$ 21,888,863**

# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

The purpose of this sheet is to calculate the expected billing when current 2022 Uniform Transmission Rates are applied against historical 2021 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	455,439	\$ 5,130	\$ 2,336,402	471,915	\$ 0.8800	\$ 415,285	471,915	\$ 2.8100	\$ 1,326,081	\$ 1,741,366
February	461,560	\$ 5,130	\$ 2,367,803	503,699	\$ 0.8800	\$ 443,255	503,699	\$ 2.8100	\$ 1,415,394	\$ 1,858,649
March	452,376	\$ 5,130	\$ 2,320,689	472,874	\$ 0.8800	\$ 416,129	472,874	\$ 2.8100	\$ 1,328,776	\$ 1,744,905
April	391,277	\$ 5,460	\$ 2,136,372	452,949	\$ 0.8800	\$ 398,595	452,949	\$ 2.8100	\$ 1,272,787	\$ 1,671,382
May	533,668	\$ 5,460	\$ 2,913,827	540,935	\$ 0.8800	\$ 476,023	540,935	\$ 2.8100	\$ 1,520,027	\$ 1,996,050
June	621,360	\$ 5,460	\$ 3,392,626	683,615	\$ 0.8800	\$ 601,581	683,615	\$ 2.8100	\$ 1,920,958	\$ 2,522,539
July	638,562	\$ 5,460	\$ 3,486,549	661,332	\$ 0.8800	\$ 581,972	661,332	\$ 2.8100	\$ 1,858,343	\$ 2,440,315
August	639,785	\$ 5,460	\$ 3,493,226	672,735	\$ 0.8800	\$ 592,007	672,735	\$ 2.8100	\$ 1,890,385	\$ 2,482,392
September	516,539	\$ 5,460	\$ 2,820,303	558,077	\$ 0.8800	\$ 491,108	558,077	\$ 2.8100	\$ 1,568,196	\$ 2,059,304
October	431,974	\$ 5,460	\$ 2,358,578	478,924	\$ 0.8800	\$ 421,453	478,924	\$ 2.8100	\$ 1,345,776	\$ 1,767,230
November	449,615	\$ 5,460	\$ 2,454,898	491,844	\$ 0.8800	\$ 432,823	491,844	\$ 2.8100	\$ 1,382,082	\$ 1,814,904
December	466,725	\$ 5,460	\$ 2,548,319	481,906	\$ 0.8800	\$ 424,077	481,906	\$ 2.8100	\$ 1,354,156	\$ 1,778,233
<b>Total</b>	<b>6,058,880</b>	<b>\$ 5.39</b>	<b>\$ 32,629,591</b>	<b>6,470,805</b>	<b>\$ 0.88</b>	<b>\$ 5,694,308</b>	<b>6,470,805</b>	<b>\$ 2.81</b>	<b>\$ 18,182,962</b>	<b>\$ 23,877,270</b>

  

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
February	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
March	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
April	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
May	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
June	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
July	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
August	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
September	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
October	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
November	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
December	-	\$ 4,3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

  

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

  

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

  

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	455,439	\$ 5,130	\$ 2,336,402	471,915	\$ 0.8800	\$ 415,285	471,915	\$ 2.8100	\$ 1,326,081	\$ 1,741,366
February	461,560	\$ 5,130	\$ 2,367,803	503,699	\$ 0.8800	\$ 443,255	503,699	\$ 2.8100	\$ 1,415,394	\$ 1,858,649
March	452,376	\$ 5,130	\$ 2,320,689	472,874	\$ 0.8800	\$ 416,129	472,874	\$ 2.8100	\$ 1,328,776	\$ 1,744,905
April	391,277	\$ 5,460	\$ 2,136,372	452,949	\$ 0.8800	\$ 398,595	452,949	\$ 2.8100	\$ 1,272,787	\$ 1,671,382
May	533,668	\$ 5,460	\$ 2,913,827	540,935	\$ 0.8800	\$ 476,023	540,935	\$ 2.8100	\$ 1,520,027	\$ 1,996,050
June	621,360	\$ 5,460	\$ 3,392,626	683,615	\$ 0.8800	\$ 601,581	683,615	\$ 2.8100	\$ 1,920,958	\$ 2,522,539
July	638,562	\$ 5,460	\$ 3,486,549	661,332	\$ 0.8800	\$ 581,972	661,332	\$ 2.8100	\$ 1,858,343	\$ 2,440,315
August	639,785	\$ 5,460	\$ 3,493,226	672,735	\$ 0.8800	\$ 592,007	672,735	\$ 2.8100	\$ 1,890,385	\$ 2,482,392
September	516,539	\$ 5,460	\$ 2,820,303	558,077	\$ 0.8800	\$ 491,108	558,077	\$ 2.8100	\$ 1,568,196	\$ 2,059,304
October	431,974	\$ 5,460	\$ 2,358,578	478,924	\$ 0.8800	\$ 421,453	478,924	\$ 2.8100	\$ 1,345,776	\$ 1,767,230
November	449,615	\$ 5,460	\$ 2,454,898	491,844	\$ 0.8800	\$ 432,823	491,844	\$ 2.8100	\$ 1,382,082	\$ 1,814,904
December	466,725	\$ 5,460	\$ 2,548,319	481,906	\$ 0.8800	\$ 424,077	481,906	\$ 2.8100	\$ 1,354,156	\$ 1,778,233
<b>Total</b>	<b>6,058,880</b>	<b>\$ 5.39</b>	<b>\$ 32,629,591</b>	<b>6,470,805</b>	<b>\$ 0.88</b>	<b>\$ 5,694,308</b>	<b>6,470,805</b>	<b>\$ 2.81</b>	<b>\$ 18,182,962</b>	<b>\$ 23,877,270</b>

  

Low Voltage Switchgear Credit (if applicable)	\$	-
<b>Total including deduction for Low Voltage Switchgear Credit</b>	\$	<b>23,877,270</b>

# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2023 Uniform Transmission Rates are applied against historical 2021 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	455,439	\$ 5,4600	\$ 2,486,697	471,915	\$ 0.8800	\$ 415,285	471,915	\$ 2.8100	\$ 1,326,081	\$ 1,741,366
February	461,560	\$ 5,4600	\$ 2,520,118	503,699	\$ 0.8800	\$ 443,255	503,699	\$ 2.8100	\$ 1,415,394	\$ 1,858,649
March	452,376	\$ 5,4600	\$ 2,469,973	472,874	\$ 0.8800	\$ 416,129	472,874	\$ 2.8100	\$ 1,328,776	\$ 1,744,905
April	391,277	\$ 5,4600	\$ 2,136,372	452,949	\$ 0.8800	\$ 398,595	452,949	\$ 2.8100	\$ 1,272,787	\$ 1,671,382
May	533,668	\$ 5,4600	\$ 2,913,827	540,935	\$ 0.8800	\$ 476,023	540,935	\$ 2.8100	\$ 1,520,027	\$ 1,996,050
June	621,360	\$ 5,4600	\$ 3,392,626	683,615	\$ 0.8800	\$ 601,581	683,615	\$ 2.8100	\$ 1,920,958	\$ 2,522,539
July	638,562	\$ 5,4600	\$ 3,486,549	661,332	\$ 0.8800	\$ 581,972	661,332	\$ 2.8100	\$ 1,858,343	\$ 2,440,315
August	639,785	\$ 5,4600	\$ 3,493,226	672,735	\$ 0.8800	\$ 592,007	672,735	\$ 2.8100	\$ 1,890,385	\$ 2,482,392
September	516,539	\$ 5,4600	\$ 2,820,303	558,077	\$ 0.8800	\$ 491,108	558,077	\$ 2.8100	\$ 1,568,196	\$ 2,059,304
October	431,974	\$ 5,4600	\$ 2,358,578	478,924	\$ 0.8800	\$ 421,453	478,924	\$ 2.8100	\$ 1,345,776	\$ 1,767,230
November	449,615	\$ 5,4600	\$ 2,454,898	491,844	\$ 0.8800	\$ 432,823	491,844	\$ 2.8100	\$ 1,382,082	\$ 1,814,904
December	466,725	\$ 5,4600	\$ 2,548,319	481,906	\$ 0.8800	\$ 424,077	481,906	\$ 2.8100	\$ 1,354,156	\$ 1,778,233
<b>Total</b>	<b>6,058,880</b>	<b>\$ 5.46</b>	<b>\$ 33,081,485</b>	<b>6,470,805</b>	<b>\$ 0.88</b>	<b>\$ 5,694,308</b>	<b>6,470,805</b>	<b>\$ 2.81</b>	<b>\$ 18,182,962</b>	<b>\$ 23,877,270</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
February	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
March	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
April	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
May	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
June	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
July	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
August	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
September	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
October	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
November	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
December	-	\$ 4.3473	\$ -	-	\$ 0.6788	\$ -	-	\$ 2.3267	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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

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

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	455,439	\$ 5.46	\$ 2,486,697	471,915	\$ 0.88	\$ 415,285	471,915	\$ 2.81	\$ 1,326,081	\$ 1,741,366
February	461,560	\$ 5.46	\$ 2,520,118	503,699	\$ 0.88	\$ 443,255	503,699	\$ 2.81	\$ 1,415,394	\$ 1,858,649
March	452,376	\$ 5.46	\$ 2,469,973	472,874	\$ 0.88	\$ 416,129	472,874	\$ 2.81	\$ 1,328,776	\$ 1,744,905
April	391,277	\$ 5.46	\$ 2,136,372	452,949	\$ 0.88	\$ 398,595	452,949	\$ 2.81	\$ 1,272,787	\$ 1,671,382
May	533,668	\$ 5.46	\$ 2,913,827	540,935	\$ 0.88	\$ 476,023	540,935	\$ 2.81	\$ 1,520,027	\$ 1,996,050
June	621,360	\$ 5.46	\$ 3,392,626	683,615	\$ 0.88	\$ 601,581	683,615	\$ 2.81	\$ 1,920,958	\$ 2,522,539
July	638,562	\$ 5.46	\$ 3,486,549	661,332	\$ 0.88	\$ 581,972	661,332	\$ 2.81	\$ 1,858,343	\$ 2,440,315
August	639,785	\$ 5.46	\$ 3,493,226	672,735	\$ 0.88	\$ 592,007	672,735	\$ 2.81	\$ 1,890,385	\$ 2,482,392
September	516,539	\$ 5.46	\$ 2,820,303	558,077	\$ 0.88	\$ 491,108	558,077	\$ 2.81	\$ 1,568,196	\$ 2,059,304
October	431,974	\$ 5.46	\$ 2,358,578	478,924	\$ 0.88	\$ 421,453	478,924	\$ 2.81	\$ 1,345,776	\$ 1,767,230
November	449,615	\$ 5.46	\$ 2,454,898	491,844	\$ 0.88	\$ 432,823	491,844	\$ 2.81	\$ 1,382,082	\$ 1,814,904
December	466,725	\$ 5.46	\$ 2,548,319	481,906	\$ 0.88	\$ 424,077	481,906	\$ 2.81	\$ 1,354,156	\$ 1,778,233
<b>Total</b>	<b>6,058,880</b>	<b>\$ 5.46</b>	<b>\$ 33,081,485</b>	<b>6,470,805</b>	<b>\$ 0.88</b>	<b>\$ 5,694,308</b>	<b>6,470,805</b>	<b>\$ 2.81</b>	<b>\$ 18,182,962</b>	<b>\$ 23,877,270</b>

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 23,877,270

# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0091	1,216,382,388	0	11,069,080	36.5%	11,894,650	0.0098
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0085	391,672,043	0	3,329,212	11.0%	3,577,516	0.0091
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.8253		3,647,185	13,951,577	45.9%	14,992,133	4.1106
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.4160		243,522	1,075,393	3.5%	1,155,600	4.7454
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.9186		194,965	763,990	2.5%	820,971	4.2109
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6265		47,348	124,360	0.4%	133,635	2.8224
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6299		1,434	3,771	0.0%	4,053	2.8260
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0085	5,587,325	0	47,492	0.2%	51,034	0.0091

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

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066	1,216,382,388	0	8,028,124	35.4%	8,457,846	0.0070
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	391,672,043	0	2,310,865	10.2%	2,434,559	0.0062
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.9759		3,647,185	10,853,658	47.9%	11,434,623	3.1352
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.1479		243,522	766,583	3.4%	807,616	3.3164
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9759		194,965	580,196	2.6%	611,253	3.1352
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8804		47,348	89,033	0.4%	93,799	1.9811
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8830		1,434	2,700	0.0%	2,845	1.9838
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	5,587,325	0	32,965	0.1%	34,730	0.0062

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0098	1,216,382,388	0	11,894,650	36.5%	12,059,381	<b>0.0099</b>
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0091	391,672,043	0	3,577,516	11.0%	3,627,062	<b>0.0093</b>
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.1106		3,647,185	14,992,133	45.9%	15,199,762	<b>4.1675</b>
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.7454		243,522	1,155,600	3.5%	1,171,604	<b>4.8111</b>
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	4.2109		194,965	820,971	2.5%	832,341	<b>4.2692</b>
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8224		47,348	133,635	0.4%	135,485	<b>2.8615</b>
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8260		1,434	4,053	0.0%	4,109	<b>2.8652</b>
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0091	5,587,325	0	51,034	0.2%	51,741	<b>0.0093</b>

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0070	1,216,382,388	0	8,457,846	35.4%	8,457,846	<b>0.0070</b>
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062	391,672,043	0	2,434,559	10.2%	2,434,559	<b>0.0062</b>
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.1352		3,647,185	11,434,623	47.9%	11,434,623	<b>3.1352</b>
General Service 1,000 To 4,999 kW (co-generation) Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.3164		243,522	807,616	3.4%	807,616	<b>3.3164</b>
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	3.1352		194,965	611,253	2.6%	611,253	<b>3.1352</b>
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9811		47,348	93,799	0.4%	93,799	<b>1.9811</b>
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9838		1,434	2,845	0.0%	2,845	<b>1.9838</b>
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062	5,587,325	0	34,730	0.1%	34,730	<b>0.0062</b>

# Incentive Rate-setting Mechanism Rate Generator for 2023 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 2022 value and will be updated by OEB staff at a later date.

<b>Price Escalator</b>	<b>3.30%</b>	<b>Productivity Factor</b>	<b>0.00%</b>
<b>Choose Stretch Factor Group</b>	III	<b>Price Cap Index</b>	<b>3.00%</b>
<b>Associated Stretch Factor Value</b>	<b>0.30%</b>		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	27.46				3.00%	28.28	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	31.45		0.0135		3.00%	32.39	0.0139
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	153.6		3.2356		3.00%	158.21	3.3327
GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLA	902.5		2.1662		3.00%	929.58	2.2312
STANDBY POWER SERVICE CLASSIFICATION	0		3.5111		3.00%	0.00	3.6164
LARGE USE SERVICE CLASSIFICATION	19799.26		2.7329		3.00%	20,393.24	2.8149
STREET LIGHTING SERVICE CLASSIFICATION	1.74		10.437		3.00%	1.79	10.7501
SENTINEL LIGHTING SERVICE CLASSIFICATION	4.9		19.1677		3.00%	5.05	19.7427
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	2.46		0.0258		3.00%	2.53	0.0266
microFIT SERVICE CLASSIFICATION	4.55					4.55	

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



# Incentive Rate-setting Mechanism Rates for 2023 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, 2022	January 1, 2023
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	May 1, 2022	
Off-Peak	\$/kWh	0.0820
Mid-Peak	\$/kWh	0.1130
On-Peak	\$/kWh	0.1700

## Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.42
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Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):	\$	36.86
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## 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	\$	34.76	2.20%	35.52

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	\$	107.68	2.20%	110.05
Monthly fixed charge, per retailer	\$	43.08	2.20%	44.03
Monthly variable charge, per customer, per retailer	\$/cust.	1.07	2.20%	1.09
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.64	2.20%	0.65
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.64)	2.20%	(0.65)
Service Transaction Requests (STR)			2.20%	-
Request fee, per request, applied to the requesting party	\$	0.54	2.20%	0.55
Processing fee, per request, applied to the requesting party	\$	1.07	2.20%	1.09
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)	\$	4.31	2.20%	4.40
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)	\$	2.15	2.20%	2.20

\* inflation factor subject to change pending OEB approved inflation rate effective in 2022

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

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

# Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

In the Green Cells below, enter all proposed rate riders/rates.

In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with "Rate Rider for".

In column B, choose the associated unit from the drop-down menu.

In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.

In column E, enter the expiry date (e.g. April 30, 2023) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).

In column G, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B). Sub-total A refers to rates/rate riders that Not considered as pass through costs (eg: LRAMVA and ICM/ACM rate riders). Sub-total B refers to rates/rate riders that are considered pass through costs.

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE 1,000 TO 4,999 KW (CO-GENERATION) SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

STANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

LARGE USE SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOTAL
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		





# Attachment F

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## **GA Analysis Work Form**

# GA Analysis Workform for 2023 Rate Applications

Version 1.0

Input cells  
Drop down cells


Utility Name

**Note 1**

For Account 1589 and Account 1588, determine if a or b below applies and select the appropriate year related to the account balance in the drop-down box to the right.

- a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved on a final basis.
- b) If the account balances were last approved on an interim basis, and
  - i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis. OR
  - ii) there are changes to the previously approved interim balances, select the year of the year-end balances that 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 the 2020 balances that were reviewed in the 2022 rate application were to be selected, select 2020)

Year Selected

2020
------

**Instructions:**

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the appropriate GA Analysis Workform tabs, and information in the Principal Adjustments tab and Account 1588 tab.

For example:

- Scenario a - If 2020 balances were last approved on a final basis - Select 2020 and a GA Analysis Workform for 2021 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
- Scenario bi - If 2020 balances were last approved on an interim basis and there are no changes to 2020 balances - Select 2020 and a GA Analysis Workform for 2021 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
- Scenario bii - If 2020 balances were last approved on an interim basis, there are changes to 2020 balances, and 2019 balances were last approved for disposition - Select 2019 and GA Analysis Workforms for 2020 and 2021 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

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

3) Complete the Account 1588 tab. Note that the number of years that require the reasonability test to be completed are shown in the Account 1588 tab, depending on the year selected on the Information Sheet.

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

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of reconciling items and principal adjustments.

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2021	\$ (1,816,088)	\$ (883,183)	\$ (353,804)	\$ (1,236,987)	\$ 579,101	\$ 71,187,407	0.8%
<b>Cumulative Balance</b>	<b>\$ (1,816,088)</b>	<b>\$ (883,183)</b>	<b>\$ (353,804)</b>	<b>\$ (1,236,987)</b>	<b>\$ 579,101</b>	<b>\$ 71,187,407</b>	<b>N/A</b>

**Account 1588 Reconciliation Summary**

Year	Account 1588 as a % of Account 4705
2021	0.5%
<b>Cumulative Balance</b>	<b>0.5%</b>

# GA Analysis Workform

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

Year		2021		
Total Metered excluding WMP	C = A+B	3,087,530,366	kWh	100%
RPP	A	1,665,512,323	kWh	53.9%
Non RPP	B = D+E	1,422,018,043	kWh	46.1%
Non-RPP Class A	D	548,017,956	kWh	17.7%
Non-RPP Class B*	E	874,000,087	kWh	28.3%

\*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  Note that this GA rate for 2021 includes the GA recovery rate to recover the 2020 deferred Class B amount for non-RPP market participants and consumers.

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 particular month

Note 4 **Analysis of Expected GA Amount**

Year	2021								
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 Price Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	N=M-K
January	75,541,258	71,601,055	67,763,178	71,703,381	0.09092	\$ 6,519,271	0.08798	\$ 6,308,463	\$ (210,808)
February	72,285,955	67,763,178	63,666,858	68,189,635	0.10485	\$ 7,149,683	0.05751	\$ 3,921,586	\$ (3,228,097)
March	75,723,362	63,666,858	63,467,367	75,523,871	0.08420	\$ 6,359,110	0.09668	\$ 7,301,648	\$ 942,538
April	72,368,912	63,467,367	62,471,811	71,373,356	0.06969	\$ 4,974,009	0.11589	\$ 8,271,458	\$ 3,297,449
May	70,864,172	62,471,811	63,739,159	72,131,520	0.10531	\$ 7,596,170	0.10675	\$ 7,700,040	\$ 103,869
June	72,527,857	63,739,159	70,306,217	79,094,914	0.11352	\$ 8,978,855	0.09216	\$ 7,289,387	\$ (1,689,467)
July	75,788,003	70,306,217	75,936,816	81,418,603	0.07612	\$ 6,197,584	0.07918	\$ 6,446,725	\$ 249,141
August	80,821,757	75,936,816	80,474,090	85,359,032	0.08734	\$ 7,455,258	0.05107	\$ 4,359,286	\$ (3,095,972)
September	86,723,742	80,474,090	71,309,330	77,558,982	0.05519	\$ 4,280,480	0.08234	\$ 6,386,207	\$ 2,105,726
October	79,786,499	71,309,330	65,517,845	73,995,013	0.07402	\$ 5,477,111	0.05840	\$ 4,321,309	\$ (1,155,802)
November	74,428,046	65,517,845	63,724,167	72,634,369	0.06342	\$ 4,606,472	0.06012	\$ 4,366,778	\$ (239,693)
December	70,236,377	63,724,167	62,782,031	69,294,241	0.05443	\$ 3,771,686	0.06515	\$ 4,514,520	\$ 742,834
<b>Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)</b>	<b>907,095,940</b>	<b>819,977,892</b>	<b>811,158,868</b>	<b>898,276,916</b>		<b>\$ 73,365,689</b>		<b>\$ 71,187,407</b>	<b>\$ (2,178,282)</b>

Annual Non-RPP Class B Wholesale kWh *	Annual Non-RPP Class B Retail billed kWh**	Annual Unaccounted for Energy Loss kWh	Weighted Average GA Actual Rate Paid (\$/kWh)***	Expected GA Volume Variance (\$)
O	P	Q=O-P	R	P= Q*R
902,866,240	898,276,916	4,589,324	0.07892	\$ 362,195

\*Equal to (AQEW - Class A + embedded generation kWh)\*(Non-RPP Class B retail kWh/Total retail Class B kWh).

\*\*Equal to the total Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (i.e. cell F53), unless a reconciling item for "Impacts of GA deferral/recovery" is quantified and an alternative methodology for calculating the Expected GA Volume Variance is proposed.

\*\*\*Equal to annual Non-RPP Class B \$ GA paid (i.e. non-RPP portion of CT 148 on IESO invoice) divided by Non-RPP Class B Wholesale kWh (as quantified in column O in the table above). The weighted average GA actual rate paid in 2021 is generally expected to include the GA recovery rate, unless a reconciling item for "Impacts of GA deferral/recovery" is quantified and an alternative methodology for calculating the Expected GA Volume Variance is proposed.

The weighted average GA actual rate paid in 2021 is generally expected to include the GA recovery rate, unless the distributor is proposing an alternative methodology in calculating the Expected GA Volume Variance and proposing to quantify the reconciling item for "Impacts of GA deferral/recovery".

<b>Total Expected GA Variance</b>	<b>\$ (1,816,088)</b>
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Calculated Loss Factor	1.0278
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0288
Difference	-0.0010

a) Please provide an explanation in the text box below if columns G and H for unbilled consumption are not used in the table above.

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

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments	
				Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
	<b>Net Change in Principal Balance in the GL (i.e. Transactions in the Year)</b>	\$ (883,183)			
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ (165,752)		Yes	
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ (1,035,145)		Yes	
2a	Remove prior year end unbilled to actual revenue differences	\$ 307,709		Yes	
2b	Add current year end unbilled to actual revenue differences	\$ 1,134,591		Yes	
3a	Significant prior period billing adjustments recorded in current year				
3b	Significant current period billing adjustments recorded in other year(s)				
4	CT 2148 for prior period corrections				
5	Impacts of GA deferral/recovery				
6	Principal adj for RPP portion of CT 2148	\$ 70,031	Reversal of: Move RPP portion of CT 2148 GA cost to 1588 (credit to 1589)	Yes	
7	Potential CT 148 true-up with the IESO	\$ (665,239)	Potential over allocated GA on embedded generation	Yes	
8					
9					
10					
11					

Note 6	<b>Adjusted Net Change in Principal Balance in the GL</b>	\$ (1,236,987)
	<b>Net Change in Expected GA Balance in the Year Per Analysis</b>	\$ (1,816,088)
	<b>Unresolved Difference</b>	\$ 579,101
	<b>Unresolved Difference as % of Expected GA Payments to IESO</b>	0.8%



# Account 1588 Reasonability

Note 7 **Account 1588 Reasonability Test**

Year	Account 1588 - RSVA Power			Account 4705 - Power Purchased	Account 1588 as % of Account 4705
	Transactions <sup>1</sup>	Principal Adjustments <sup>1</sup>	Total Activity in Calendar Year		
2021	- 512,958	1,503,408	990,450	216,185,837	0.5%
<b>Cumulative</b>	<b>- 512,958</b>	<b>1,503,408</b>	<b>990,450</b>	<b>216,185,837</b>	<b>0.5%</b>

**Notes**

- 1) The transactions should equal the "Transaction" column in the DVA Continuity Schedule. This is also expected 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) Principal adjustments should equal the "Principal Adjustments" column in the DVA Continuity Schedule. Principal adjustments adjust the transactions in the general ledger to the amount that should be requested for disposition.



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

Note 8 **Breakdown of principal adjustments included in last approved balance:**

Account 1589 - RSVA Global Adjustment			
Adjustment Description	Amount	To be reversed in current application?	Explanation if not to be reversed in current application
1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	165,752	Yes	
2 Unbilled to actual revenue differences	(307,709)	Yes	
3 Move RPP portion of CT 2148 GA cost to 1588 (credit to 1589)	(70,031)	Yes	
4			
5			
6			
7			
8			
Total	(211,988)		
Total principal adjustments included in last approved balance			
Difference	(211,988)		

Account 1588 - RSVA Power			
Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1 CT 148 true-up of GA Charges based on actual RPP volumes	(165,752)	Yes	
2 CT 1142/142 true-up based on actuals	(46,126)	Yes	
3 Unbilled to actual revenue differences	(168,500)	Yes	
4 Move RPP portion of CT 2148 GA cost to 1588 (debit to 1588)	70,031	Yes	
5 Accrue IESO submission of CT2148 RPP portion in CT 142 GA price	(70,031)	Yes	
6			
7			
8			
Total	(380,379)		
Total principal adjustments included in last approved balance			
Difference	(380,379)		

Note 9 **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. 2020 Balance" column in the DVA Continuity Schedule should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.
- 4) Principal adjustments to the pro-ration of CT 148 true-ups (i.e. principal adjustment #1 in tables below) are expected to be equal and offsetting between Account 1588 and Account 1589, if not, please explain. If this results in further adjustments to RPP settlements, this should be shown separately as a principal adjustment to CT 1142/142 (i.e. principal adjustment #2 in tables below)

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 Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>			
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(165,752)	2021
	2 Unbilled to actual revenue differences	307,709	2021
	3 Move RPP portion of CT 2148 GA cost to 1588 (credit to 1589)	70,031	2021
	4		
	5		
	6		
	7		
	8		
	<b>Total Reversal Principal Adjustments</b>	211,988	
<i>Current year principal adjustments</i>			
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(1,035,145)	2022
	2 Unbilled to actual revenue differences	1,134,591	2022
	3 Potential CT 148 true-up with the IESO	(665,239)	2022
	4		
	5		
	6		
	7		
	8		
	<b>Total Current Year Principal Adjustments</b>	(565,792)	
<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>		(353,804)	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>			
	1 CT 148 true-up of GA Charges based on actual RPP volumes	165,752	2021
	2 CT 1142/142 true-up based on actuals	46,126	2021
	3 Unbilled to actual revenue differences	168,500	2021
	4 Move RPP portion of CT 2148 GA cost to 1588 (debit to 1588)	(70,031)	2021
	5 Accrue IESO submission of CT2148 RPP portion in CT 142 GA price	70,031	2021
	6		
	7		
	8		
	<b>Total Reversal Principal Adjustments</b>	380,379	
<i>Current year principal adjustments</i>			
	1 CT 148 true-up of GA Charges based on actual RPP volumes	1,035,145	2022
	2 CT 1142/142 true-up based on actuals	(303,296)	2022
	3 Unbilled to actual revenue differences	391,181	2022
	4		
	5		
	6		
	7		
	8		
	<b>Total Current Year Principal Adjustments</b>	1,123,029	
<b>Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model</b>		1,503,408	

# Attachment G

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## **LRAMVA Work Form**





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

## Generic LRAMVA Work Forms

Worksheet Name	Description
<a href="#">1. LRAMVA Summary</a>	<b>Tables 1-a and 1-b</b> provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. <b>Table 1c</b> provides a summary of prospective LRAM-eligible amounts related to persisting CDM savings for all years until the LDC's next rebasing application. The balances are populated from entries into other tabs throughout this work form.
<a href="#">1-a. Summary of Changes</a>	<b>Tables A-1 and A-2</b> include a template for LDCs to summarize changes to the LRAMVA work form.
<a href="#">2. LRAMVA Threshold</a>	<b>Tables 2-a, 2-b and 2-c</b> include the LRAMVA thresholds and allocations by rate class.
<a href="#">3. Distribution Rates</a>	<b>Tables 3-a and 3-b</b> include the distribution rates that are used to calculate lost revenues.
<a href="#">4. 2011-2014 LRAM</a>	<b>Tables 4-a, 4-b, 4-c and 4-d</b> include the template 2011-2014 LRAMVA work forms.
<a href="#">5. 2015-2027 LRAM</a>	<b>Tables 5-a, 5-b, 5-c, 5-d, 5-e, 5-f, 5-g, 5-h, 5-i, 5-j, 5-k, 5-l and 5-m</b> include the template 2015-2027 LRAMVA work forms.
<a href="#">6. Carrying Charges</a>	<b>Table 6-b</b> includes the variance on carrying charges related to the LRAMVA disposition.
<a href="#">7. Persistence Report</a>	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
<a href="#">8. Streetlighting</a>	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report (i.e., streetlighting projects).

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



# LRAMVA Work Form: Summary Tab

<b>Legend</b>	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)

<b>LDC Name</b>	London Hydro Inc.
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**Application Details**

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

**A. Previous LRAMVA Application**

Previous LRAMVA Application (EB#)	EB-2021-0041
Application of Previous LRAMVA Claim	2022 COS Application
Period of LRAMVA Claimed in Previous	2018-2019
Amount of LRAMVA Claimed in Previous	\$ 1,537,235.73

**B. Current LRAMVA Application**

Current LRAMVA Application (EB#)	EB-2022-0048
Application of Current LRAMVA Claim	2023 IRM Application
Period of New LRAMVA in this Application	2020-2021
Period of Rate Recovery (# years)	1

**C. Documentation of Changes**

Original Amount	
Amount for Final Disposition	

Actual Lost Revenues (t)	A	\$	2,359,138
Forecast Lost Revenue:	B	\$	1,169,687
Carrying Charges (\$)	C	\$	45,635
LRAMVA (\$) for Account	A-B+C	\$	1,235,085
Total LRAM-Eligible Amounts for Prospective Disposition	(Annual amounts to be recovered in future rate applications)	\$	-

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

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

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

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

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$0	\$0	\$0
GS<50 kW	kWh	\$289,234	\$11,110	\$300,344
GS 50 - 4,999 kW	kW	\$1,269,622	\$48,671	\$1,318,293
Co-Generation 1,000 - 4,999 kW	kW	\$57,261	\$2,193	\$59,454
Large User	kW	-\$154,750	-\$5,927	-\$160,676
Street Lighting	kW	-\$271,916	-\$10,414	-\$282,330
Sentinel Lighting	kW	\$0	\$0	\$0
Unmetered Scattered Load	kWh	\$0	\$0	\$0
<b>Total</b>		<b>\$1,189,450</b>	<b>\$45,635</b>	<b>\$1,235,085</b>

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

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below. If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank. LDCs are expected to include projected carrying charges amounts in row 90 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 92.

Description	L R A M	Residential	GS<50 kW	GS 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	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00
Amount Cleared																	
2012 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2013 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2014 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00
Amount Cleared																	
2015 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00
Amount Cleared																	
2016 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2017 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2018 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00
Amount Cleared																	
2019 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00
Amount Cleared																	
2020 Actuals	<input type="checkbox"/>	\$0.00	\$454,299.67	\$661,780.02	\$28,251.88	\$29,621.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,173,953.29
2020 Forecast		\$0.00	(\$307,253.33)	(\$29,655.03)	\$0.00	(\$105,873.08)	(\$133,991.87)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$576,773.32)
Amount Cleared																	
2021 Actuals	<input type="checkbox"/>	\$0.00	\$457,670.98	\$668,021.77	\$29,008.96	\$30,482.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,185,184.61
2021 Forecast		\$0.00	(\$315,483.33)	(\$30,525.11)	\$0.00	(\$108,981.32)	(\$137,924.42)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$592,914.17)
Amount Cleared																	
2022 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 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	\$0.00
Amount Cleared																	
Carrying Charges	U n t i l	\$0.00	\$11,110.35	\$48,671.50	\$2,193.22	(\$5,926.53)	(\$10,413.77)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45,634.77
<b>Total LRAMVA Balance (2011-2022)</b>		<b>\$0.00</b>	<b>\$300,344.34</b>	<b>\$1,318,293.15</b>	<b>\$59,454.06</b>	<b>-\$160,676.31</b>	<b>-\$282,330.06</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,235,085.18</b>

**Table 1-c. LRAM-Eligible Amounts for Prospective Disposition**

Table 1-c provides a summary of all prospective LRAM-eligible amounts. Consistent with guidance in the 2021 CDM Guidelines, distributors filing an application for 2023 rates should seek disposition of all outstanding LRAMVA balances related to previously established thresholds. Distributors not rebasing for 2023 rates who have complete information on eligible savings (i.e., needing only to account for persistence of savings in future years) may seek a rate adjustment on a prospective basis to address amounts that would otherwise be recorded in the LRAMVA for all years until their next rebasing application. Prospective treatment will not be necessary for cost-of-service applications.

All entries summarized below will be populated based on persisting savings from prior year CDM activities with no new savings from 2023-2027. Additionally, LRAM-eligible amounts for 2023 to 2027 are not added to the LRAMVA and do not accrue interest.

In their applications for 2023 rates, distributors should apply for approval of the 2023 to 2027 LRAM-eligible amounts shown in Table 1-C. Approval will mean that the LRAM-eligible amounts are accepted as final, subject only to the annual mechanistic adjustment to be completed in subsequent rate years.

Description	LRAM	Residential	GS<50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total
2023 Actuals (in 2022 \$)	□	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Forecast (in 2022 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>2023 TOTAL LRAM-Eligible*</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2024 Actuals (in 2022 \$)	□	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 Forecast (in 2022 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>2024 TOTAL LRAM-Eligible*</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2025 Actuals (in 2022 \$)	□	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Forecast (in 2022 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>2025 TOTAL LRAM-Eligible*</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2026 Actuals (in 2022 \$)	□	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2026 Forecast (in 2022 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>2026 TOTAL LRAM-Eligible*</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
2027 Actuals (in 2022 \$)	□	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2027 Forecast (in 2022 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>2027 TOTAL LRAM-Eligible*</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
<b>Total LRAM-Eligible Amount (in 2022 \$)</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

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

Note: All 2023-2027 LRAM-Eligible Amounts are in 2022 dollars. LDCs are to follow the instructions noted above Table 5-i in Tab 5 when seeking recovery of prospective amounts in future rate applications.

# LRAMVA Work Form: Summary of Changes

**Version 7.0 (2023)**

<b>Legend</b>	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grey)

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

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

No.	Tab	Cell Reference	Description	Rationale
1	5. 2015-2020 LRAM	Row 120	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
2	5. 2015-2020 LRAM	Rows 285 and 286	Rows added to accommodate the "Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program", which was not listed in the worksheet	London Hydro had energy savings resulted from this program, and the programs savings needed to be added to the worksheet under "Conservation Fund" programs
3	5. 2015-2020 LRAM	Rows 317-319	Rows added to reflect adjustments to the "Save on Energy Retrofit Program" listed in the Participation and Cost Report (P&C Rep) and in the detailed project savings files	London Hydro had energy savings resulted from this program, and the programs savings adjustment for Year 2016 needed to be added to the worksheet
4	5. 2015-2020 LRAM	Cell N331	Changed Monthly Multiplier from 12 to 5	Peak Demand Savings would occur predominantly in the warmer months
5	5. 2015-2020 LRAM	Rows 495-496	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 513-515	Rows added to reflect adjustments to the "Save on Energy Retrofit Program" listed in the Participation and Cost Report (P&C Rep) and in the detailed project savings files	London Hydro had energy savings resulted from this program, and the programs savings adjustment for Year 2017 needed to be added to the worksheet
7	5. 2015-2020 LRAM	Rows 588-593	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
8	5. 2015-2020 LRAM	Rows 698-699	Rows added to accommodate the 2018 "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
9	5. 2015-2020 LRAM	Row 716	Rows added to reflect adjustments to the "Save on Energy Retrofit Program" listed in the Participation and Cost Report (P&C Rep) and in the detailed project savings files	London Hydro had energy savings resulted from this program, and the programs savings adjustment for Year 2018 needed to be added to the worksheet
10	5. 2015-2020 LRAM	Row 907	Rows added to reflect adjustments to the "Save on Energy Retrofit Program" listed in the Participation and Cost Report (P&C Rep) and in the detailed project savings files	London Hydro had energy savings resulted from this program, and the programs savings adjustment for Year 2019 needed to be added to the worksheet
11	5. 2015-2020 LRAM	Cell AF985	Updated formula to summarize Year 2019	Error in formula summarizing Year 2020, needed to update to summarize the Year 2019 results
12	5. 2015-2020 LRAM	Cell AF1180	Updated formula to summarize Year 2020	Error in formula summarizing Year 2021, needed to update to summarize the Year 2020 results
13	5. 2015-2020 LRAM	Cells AG618-AK618	Error in formulas: "AG422AG425:AG425:AG593"	Remove "AG422AG425:" from formulas to correctly summarize data
14		New Tabs added	Tab A. Rate Class Allocations and Tab B. Project List	New tabs added to provide the Rate Class Allocations and the Project List for the detailed program level savings and the calculation of net energy kWh and net demand kW savings.
15	6. Carrying Charges	Cells C63-C64	Added forecasted interest rates for 2023 Q1 and Q2, based on 2022 Q4 Board Approved Prescribed Interest Rate	The LRAMVA balance is carried until April 30, 2023 and is subject to interest up to that date
16	6. Carrying Charges	Cells E194-W207	Added interest calculation for Year 2023	The LRAMVA balance is carried until April 30, 2023 and is subject to interest up to that date
17 etc.	1. LRAMVA Summary	Row 91	Update Total of Interest as at date of disposition, April 30, 2023	The LRAMVA balance is carried until April 30, 2023 and is subject to interest up to that date

**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 7.0 (2023)

**Legend**

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

**Table 2-a. LRAMVA Threshold** 2013

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

	Total	Residential	GS<50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load		
		kWh	kWh	kW	kW	kW	kW	kW	kWh	0.0	0.0
kWh	45,191,286	14,896,090	5,412,016	21,361,865	552,808	2,576,753	315,677	10,286	65,791		
kW	62,262			53512	2704	5133	885	28			
Summary		14896090	5412016	53512	2704	5133	885	28	65791	0	0

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

**Table 2-b. LRAMVA Threshold** 2017

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

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

**Table 2-c. Inputs for LRAMVA Thresholds**

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load		
		kWh	kWh	kW	kW	kW	kW	kW	kWh	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0
2013	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0
2014	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0
2015	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0
2016	2013	14,896,090	5,412,016	53,512	2,704	5,133	885	28	65,791	0	0
2017	2017	9,641,185	27,433,333	10,470	0	44,917	15,680	0	0	0	0
2018	2017	9,641,185	27,433,333	10,470	0	44,917	15,680	0	0	0	0
2019	2017	9,641,185	27,433,333	10,470	0	44,917	15,680	0	0	0	0
2020	2017	9,641,185	27,433,333	10,470	0	44,917	15,680	0	0	0	0
2021	2017	9,641,185	27,433,333	10,470	0	44,917	15,680	0	0	0	0
2022		0	0	0	0	0	0	0	0	0	0
2023		0	0	0	0	0	0	0	0	0	0
2024		0	0	0	0	0	0	0	0	0	0
2025		0	0	0	0	0	0	0	0	0	0
2026		0	0	0	0	0	0	0	0	0	0
2027		0	0	0	0	0	0	0	0	0	0

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

## LRAMVA Work Form: Distribution Rates

Version 7.0 (2023)

**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	EB-2021-XXXX
Rate Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Period 1 (# months)	0	0	0	0	4	4	4	4	4	4	10	4	0
Period 2 (# months)	12	12	12	12	8	8	8	8	8	8	2	8	12
<b>Residential</b>					\$ 0.0157	\$ 0.0159	\$ 0.0121	\$ 0.0082	\$ 0.0041	\$ -	\$ -	\$ -	\$ -
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ 0.0157	\$ 0.0159	\$ 0.0121	\$ 0.0082	\$ 0.0041	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ 0.0105	\$ 0.0158	\$ 0.0134	\$ 0.0095	\$ 0.0055	\$ 0.0014	\$ -	\$ -	\$ -
<b>GS&lt;50 kW</b>					\$ 0.0101	\$ 0.0102	\$ 0.0104	\$ 0.0108	\$ 0.0109	\$ 0.0110	\$ 0.0112	\$ 0.0114	
Rate rider for tax sharing													
Rate rider for foregone revenue										\$ 0.0002			
Other									\$ 0.0001	\$ 0.0001	\$ 0.0001	\$ 0.0001	
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ 0.0101	\$ 0.0102	\$ 0.0104	\$ 0.0108	\$ 0.0110	\$ 0.0111	\$ 0.0112	\$ 0.0115	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ 0.0067	\$ 0.0102	\$ 0.0103	\$ 0.0107	\$ 0.0109	\$ 0.0111	\$ 0.0112	\$ 0.0115	\$ -
<b>GS 50 - 4,999 kW</b>					\$ 2.5426	\$ 2.5795	\$ 2.6298	\$ 2.7202	\$ 2.7488	\$ 2.7818	\$ 2.8291	\$ 2.8829	
Rate rider for tax sharing							\$ 0.0015						
Rate rider for foregone revenue										\$ 0.0473			
Other									\$ 0.0347	\$ 0.0347	\$ 0.0347	\$ 0.0347	
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ 2.5426	\$ 2.5795	\$ 2.6313	\$ 2.7202	\$ 2.7835	\$ 2.8165	\$ 2.9111	\$ 2.9176	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ 1.6951	\$ 2.5672	\$ 2.6906	\$ 2.7624	\$ 2.8055	\$ 2.8323	\$ 2.9154	\$ -	\$ -
<b>Co-Generation 1,000 - 4,999 kW</b>					\$ 4.2629	\$ 4.3247	\$ 4.4090	\$ 3.7573	\$ 3.7968	\$ 3.8424	\$ 3.9077	\$ 3.9819	
Rate rider for tax sharing							\$ 0.0016						
Rate rider for foregone revenue										\$ 0.0653			
Other									\$ 0.0480	\$ 0.0480	\$ 0.0480	\$ 0.0480	
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ 4.2629	\$ 4.3247	\$ 4.4106	\$ 3.7573	\$ 3.8448	\$ 3.8904	\$ 4.0210	\$ 4.0299	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ 2.8419	\$ 4.3041	\$ 4.3820	\$ 3.9751	\$ 3.8156	\$ 3.8752	\$ 3.9122	\$ 4.0269	\$ -
<b>Large User</b>					\$ 2.1274	\$ 2.1582	\$ 2.2003	\$ 2.2638	\$ 2.2876	\$ 2.3151	\$ 2.3545	\$ 2.3992	
Rate rider for tax sharing							\$ 0.0017						
Rate rider for foregone revenue										\$ 0.0394			
Other									\$ 0.0289	\$ 0.0289	\$ 0.0289	\$ 0.0289	
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ 2.1274	\$ 2.1582	\$ 2.2020	\$ 2.2638	\$ 2.3165	\$ 2.3440	\$ 2.4228	\$ 2.4281	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ 1.4183	\$ 2.1479	\$ 2.1874	\$ 2.2432	\$ 2.2989	\$ 2.3348	\$ 2.3571	\$ 2.4263	\$ -
<b>Street Lighting</b>					\$ 8.2320	\$ 8.3514	\$ 8.5143	\$ 8.2073	\$ 8.2935	\$ 8.3930	\$ 8.5357	\$ 8.6979	
Rate rider for tax sharing							\$ 0.0074						
Rate rider for foregone revenue										\$ 0.1427			
Other									\$ 0.1048	\$ 0.1048	\$ 0.1048	\$ 0.1048	
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ 8.2320	\$ 8.3514	\$ 8.5217	\$ 8.2073	\$ 8.3983	\$ 8.4978	\$ 8.7832	\$ 8.8027	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ 5.4880	\$ 8.3116	\$ 8.4649	\$ 8.3121	\$ 8.3346	\$ 8.4646	\$ 8.5454	\$ 8.7962	\$ -
<b>Sentinel Lighting</b>					\$ 11.1031	\$ 11.2641	\$ 11.4837	\$ 15.2176	\$ 15.3774	\$ 15.5619	\$ 15.8265	\$ 16.1272	
Rate rider for tax sharing							\$ 0.0106						
Rate rider for foregone revenue										\$ 0.2646			
Other									\$ 0.1943	\$ 0.1943	\$ 0.1943	\$ 0.1943	
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ 11.1031	\$ 11.2641	\$ 11.4943	\$ 15.2176	\$ 15.5717	\$ 15.7562	\$ 16.2854	\$ 16.3215	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ 7.4021	\$ 11.2104	\$ 11.4176	\$ 13.9765	\$ 15.4537	\$ 15.6947	\$ 15.8444	\$ 16.3095	\$ -
<b>Unmetered Scattered Load</b>					\$ 0.0174	\$ 0.0177	\$ 0.0180	\$ 0.0200	\$ 0.0202	\$ 0.0204	\$ 0.0207	\$ 0.0211	
Rate rider for tax sharing													
Rate rider for foregone revenue										\$ 0.0003			
Other									\$ 0.0003	\$ 0.0003	\$ 0.0003	\$ 0.0003	
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ 0.0174	\$ 0.0177	\$ 0.0180	\$ 0.0200	\$ 0.0205	\$ 0.0207	\$ 0.0213	\$ 0.0214	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ 0.0116	\$ 0.0176	\$ 0.0179	\$ 0.0193	\$ 0.0203	\$ 0.0206	\$ 0.0208	\$ 0.0214	\$ -

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

**Table 3-a. Distribution Rates by Rate Class**

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

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

Year	Residential	GS<50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load
	kWh	kWh	kW	kW	kW	kW	kW	kWh
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0105	\$0.0067	\$1.6951	\$2.8419	\$1.4183	\$5.4880	\$7.4021	\$0.0116
2015	\$0.0158	\$0.0102	\$2.5672	\$4.3041	\$2.1479	\$8.3116	\$11.2104	\$0.0176
2016	\$0.0134	\$0.0103	\$2.6140	\$4.3820	\$2.1874	\$8.4649	\$11.4176	\$0.0179
2017	\$0.0095	\$0.0107	\$2.6906	\$3.9751	\$2.2432	\$8.3121	\$13.9765	\$0.0193
2018	\$0.0055	\$0.0109	\$2.7624	\$3.8156	\$2.2989	\$8.3346	\$15.4537	\$0.0203
2019	\$0.0114	\$0.0111	\$2.8055	\$3.8752	\$2.3348	\$8.4646	\$15.6947	\$0.0206
2020	\$0.0000	\$0.0112	\$2.8323	\$3.9122	\$2.3571	\$8.5454	\$15.8444	\$0.0208
2021	\$0.0000	\$0.0115	\$2.9154	\$4.0269	\$2.4263	\$8.7962	\$16.3095	\$0.0214
2022	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

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

LRAMVA Work Form:
2011 - 2014 Lost Revenues Work Form

Version 7.0 (2023)

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

- Instructions
1. The following LRAMVA work forms apply to LDCs that need to recover lost revenues arising from CDM activity from the 2011-2014 period.
2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to.
3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs.
4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes.
5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing.

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

Table 4-a. 2011 Lost Revenues Work Form
Main data table with columns: Program, Results Status, Net Energy Savings Persistence (kWh) [2011-2027], Net Demand Savings Persistence (kW) [2011-2027], Monthly Multiplier, Net Demand Savings (kW) [2011-2027], Net Peak Demand Savings Persistence (kW) [2011-2027], Rate Allocations for LRAMVA [Residential, GS<=50 kW, GS 50 - 4,999 kW, Co-Generation 1,000 + 4,999 kW, Large User, Street Lighting, Sanitized Lighting, Unmetered Scattered Load, Total], and various metrics.

Note: LDC to make note of key assumptions included above









# LRAMVA Work Form: 2015 - 2027 Lost Revenues Work Form

Legend

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

Instructions

1. LDCs are expected to apply for disposition of all LRAMVA balances, including persisting amounts that extend to the LDCs next COS, as part of 2023 rate applications. The following LRAMVA work forms apply to all LDCs that need to recover lost revenues for the 2015-2027 period, resulting from CDM activity in the 2015-2022 period. This includes the ability to recover lost revenues that persist until the LDCs next COS application. The 2021 CDM Guidelines indicate that distributors filing an application for 2023 rates should seek disposition of all outstanding LRAMVA balances related to previously established thresholds. Distributors not rebasing for 2023 rates who have complete information on eligible savings (i.e., needing only to account for persistence of savings in future years) may seek a rate adjustment on a prospective basis to address amounts that would otherwise be recorded in the LRAMVA for all years until their next rebasing application. Prospective treatment will not be necessary for cost-of-service applications.

**More detailed instructions related to prospective LRAMVA-eligible amounts are included above Table 5-i (2023 Lost Revenue Work Form).**

Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future cannot be claimed as approved LRAMVA amounts are considered to be final.

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

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

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table. Note #5: As noted above, the work form has been expanded to allow for persistence of savings and lost revenues into the future, up to the time of an LDCs next cost of service application. LDCs should include all persisting lost revenues in order to be able to close its LRAMVA balances entirely.

Tables

- [Table 5-a. 2015 Lost Revenues](#)
- [Table 5-b. 2016 Lost Revenues](#)
- [Table 5-c. 2017 Lost Revenues](#)
- [Table 5-d. 2018 Lost Revenues](#)
- [Table 5-e. 2019 Lost Revenues](#)
- [Table 5-f. 2020 Lost Revenues](#)
- [Table 5-g. 2021 Lost Revenues](#)
- [Table 5-h. 2022 Lost Revenues](#)
- [Table 5-i. 2023 Lost Revenue Work Form](#)

Table 5-a. 2015 Lost Revenues Work Form

Program	Results Status	Net Energy Savings (kWh)		Net Energy Savings Persistence (kWh)										Monthly Multiplier	Net Demand Savings Persistence (kW)										Rate Allocations for LRAMVA												
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		2027	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Residential	GS-50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total
<b>Legacy Framework</b>																																					
<b>Residential Program</b>																																					
Coupon Initiative																																					
1	Verified	553,646	548,755	548,755	548,755	548,755	548,755	548,755	548,629	548,629	496,048	493,369	493,369	36	35	35	35	35	35	35	35	35	31	31	31	100.00%								100%			
	True-up	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,137	6,137	6,137	0	0	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%			
Bi-Annual Retailer Event Initiative																																					
2	Verified	927,828	895,832	895,832	895,832	895,832	895,832	895,832	895,832	895,832	895,832	895,832	792,900	684,603	684,603	69	67	67	67	67	67	67	67	50	43	43	100.00%								100%		
	True-up																										100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
Appliance Retirement Initiative																																					
3	Verified	1,086,356	1,086,356	1,086,356	1,072,574	848,136	0	0	0	0	0	0	0	198	198	198	183	125	0	0	0	0	0	0	0	100.00%								100%			
	True-up																										100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
HVAC Incentives Initiative																																					
4	Verified	969,515	969,515	969,515	969,515	969,515	969,515	969,515	969,515	969,515	969,515	969,515	969,515	514	514	514	514	514	514	514	514	514	514	514	514	100.00%								100%			
	True-up	12,833	12,833	12,833	12,833	12,833	12,833	12,833	12,833	12,833	12,833	12,833	12,833	7	7	7	7	7	7	7	7	7	7	7	7	7	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
<b>Commercial &amp; Institutional Program</b>																																					
Energy Audit Initiative																																					
5	Verified	142,541	142,541	142,541	142,541	0	0	0	0	0	0	0	0	12	30	30	30	30	0	0	0	0	0	0	0	0		100.00%							100%		
	True-up	161,725	161,725	161,725	161,725	304,266	304,266	304,266	304,266	304,266	304,266	304,266	304,266	12	34	34	34	34	69	69	69	69	69	69	69	69	0.00%	0.00%	53.00%	47.00%	0.00%	0.00%	0.00%	0.00%			
Efficiency: Equipment Replacement Incentive Initiative																																					
7	Verified	16,903,061	16,903,061	16,854,946	16,552,977	16,552,977	16,551,878	16,060,278	16,060,278	15,865,010	14,226,540	9,942,796	9,691,147	4,342,344	12	2,064	2,064	1,986	1,954	1,954	1,954	1,870	1,870	1,832	1,560	883	870	635						100%			
	True-up	2,156,781	2,156,781	2,404,896	2,473,761	2,473,761	2,965,361	2,965,361	3,033,679	2,667,930	1,811,638	1,309,239	1,013,161	12	534	534	612	634	634	634	717	717	716	645	511	392	318	0.00%	86.00%	14.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Direct Internal Lighting and Water Heating Initiative																																					
8	Verified	1,271,626	1,161,353	870,565	859,808	859,808	859,808	859,808	859,808	859,808	859,808	859,808	859,808	12	304	278	198	195	195	195	195	195	195	195	193	25	0							100%			
	True-up	-376,034	-267,762	23,027	59,819	59,819	59,819	59,819	59,819	59,819	59,819	59,819	70,643	12	-98	-72	9	17	17	17	17	17	17	17	17	20	0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
New Construction and Major Renovation Initiative																																					
9	Verified	178,249	178,249	178,249	178,249	178,249	178,249	178,249	178,249	178,249	178,249	178,249	178,249	12	21	21	21	21	21	21	21	21	21	21	21	21			100.00%							100%	
	True-up													12														100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
<b>Industrial Program</b>																																					
Process and Systems Upgrades Initiatives - Project Incentive Initiative																																					
11	Verified	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	1,686,160	1,686,160	1,686,160	12	192	192	192	192	192	192	192	192	192	192	192	192			100.00%							100%	
	True-up													12														0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative																																					
12	Verified	1,125,000	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0			100.00%							100%	
	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																																					
13	Verified	2,241,334	2,241,334	2,241,334	2,241,334	2,241,334	2,241,334	2,241,334	2,241,334	2,241,334	439,555	413,680	265,194	265,194	2,948	313	313	313	313	313	313	313	47	47	15	15	0			100.00%							100%
	True-up														12													0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<b>Low Income Program</b>																																					
Low Income Initiative																																					
14	Verified	905,582	745,372	712,383	679,393	679,393	679,393	679,393	679,393	446,526	411,387	411,387	404,190	12	117	108	107	105	105	105	105	93	55	55	55	50			100%							100%	
	True-up													12														100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
<b>Conservation First Framework</b>																																					
<b>Residential Province-Wide Programs</b>																																					
Save on Energy Coupon Program																																					
21	Verified	2,402,517	2,382,204	2,382,204	2,382,204	2,382,204	2,382,204	2,382,204	2,380,739	2,380,739	2,380,739	2,239,039	2,228,025	154	153	153	153	153	153	152	152	152	138	138	138			100%							100%		
	True-up	240,363	236,779	236,779	236,779	236,779	236,779	236,779	236,779	236,622	236,622	222,125	221,746	15	15	15	15	15	15	15	15	15	14	14	14			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
Save on Energy Heating and Cooling Program																																					
22	Verified	469,163	469,163	469,163	469,163	469,163	469,163	469,163	469,163	469,163	469,163	469,163	469,163	245	245	245	245	245	245	245	245	245	245	245	245	245			100%							100%	
	True-up	58,661	58,661	58,661	58,661	58,661	58,661	58,661	58,661	58,661	58,661	58,661	58,661	30	30	30	30	30	30	30	30	30	30	30	30			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
Save on Energy Home Assistance Program																																					
24	Verified	235,875	196,006	187,797	179,587	179,587	179,587	179,587	179,587	121,637	113,653	113,653	113,558	30	28	28	28	28	28	28	28	25	16	16	16	14			100.00%							100%	
	True-up													100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
<b>Non-Residential Province-Wide Programs</b>																																					

Table 5-b. 2016 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings Persistence (kWh)															Monthly Multiplier	Net Peak Demand Savings Persistence (kW)											Rate Allocations for LRAMVA												
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2016	2017		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Residential	GS-50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total				
<b>Conservation Fund Pilot</b>																																									
Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	Verified	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836	12	0	0	0	0	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%
Adjustment to 2016 savings	True-up																12																	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Conservation First Framework</b>																																									
<b>Residential Province-Wide Programs</b>																																									
Save on Energy Coupon Program	Verified	11,021,446	11,021,446	11,021,446	11,021,446	11,021,446	11,021,446	11,021,446	11,019,802	11,019,802	10,970,795	10,833,563	10,832,109	10,832,109	716	716	716	716	716	716	716	716	713	688	688	688	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%						
Adjustment to 2016 savings	True-up	1,498,670	1,498,670	1,498,670	1,498,670	1,498,670	1,498,670	1,498,670	1,498,564	1,498,564	1,500,392	1,501,178	1,502,342	1,502,342	95	95	95	95	95	95	95	95	95	95	96	96	96	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%						
Save on Energy Heating and Cooling Program	Verified	2,321,294	2,321,294	2,321,294	2,321,294	2,321,294	2,321,294	2,321,294	2,321,294	2,321,294	2,321,294	2,321,294	2,321,294	2,321,294	685	685	685	685	685	685	685	685	685	685	685	685	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%						
Adjustment to 2016 savings	True-up	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	4	4	4	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%							
Save on Energy Home Assistance Program	Verified	2,149,231	2,149,231	2,149,231	2,149,231	2,149,231	2,121,872	2,121,872	2,121,872	2,121,872	1,796,920	1,796,920	1,796,920	1,796,920	183	183	183	183	183	183	167	167	167	167	125	125	125	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%					
Adjustment to 2016 savings	True-up	279,990	279,990	279,990	279,990	279,990	279,990	276,499	276,499	276,499	229,983	229,983	229,983	24	24	24	24	24	22	22	22	22	22	16	16	15	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%							
<b>Non-Residential Province-Wide Programs</b>																																									
Save on Energy Audit Funding Program	Verified	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	3,245	0	0	12	2	2	2	2	2	2	2	2	2	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%				
Adjustment to 2016 savings	True-up																																								
Save on Energy Retrofit Program	Verified	15,706,504	15,551,202	15,551,202	15,551,202	15,551,202	15,267,841	15,267,841	15,267,841	15,267,841	15,267,841	15,207,648	15,207,648	15,033,628	12,956,717	2,061,112	12	1,350	1,323	1,323	1,323	1,323	1,283	1,283	1,283	1,270	1,270	1,248	804	320	0.00%	23.00%	52.70%	2.80%	0.00%	0.00%	0.00%	0.00%	79%		
Adjustment to 2016 savings	True-up	6,615,008	6,770,311	7,973,235	7,973,235	7,973,235	7,889,841	7,889,841	7,889,841	7,889,841	7,872,557	7,872,557	7,872,557	7,507,872	2,192,391	484,318	12	2,073	2,100	2,576	2,576	2,576	2,563	2,563	2,562	2,562	2,507	358	112	0.00%	23.00%	52.70%	2.80%	0.00%	0.00%	0.00%	0.00%				
Adjustment to 2016 savings	P&C Rep	1,099,944	1,099,944	1,094,505	1,094,505	1,094,505	1,094,475	0	0	0	0	0	0	0	0	12	169	169	181	181	181	182	0	0	0	0	0	0	0	0.00%	23.00%	52.70%	2.80%	0.00%	0.00%	0.00%	0.00%				
Adjustment to 2016 savings	Unverified	286,209	286,209	284,794	284,794	284,794	284,794	284,794	0	0	0	0	0	0	0	12	37	37	37	37	37	37	0	0	0	0	0	0	0	0.00%	38.18%	53.96%	0.00%	7.89%	0.00%	0.00%	0.00%				
Adjustment to 2016 savings	Unverified	130,698	130,698	130,052	130,052	130,052	130,048	0	0	0	0	0	0	0	0	12	32	32	32	32	32	32	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
Save on Energy Process & Systems Upgrades Program	Verified	439,257	439,257	439,257	439,257	439,257	439,257	439,257	439,257	439,257	439,257	439,257	0	0	0	12	38	38	38	38	38	38	38	38	38	38	0	0	0	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100%			
Adjustment to 2016 savings	True-up	1,433,063	1,433,063	1,433,063	1,433,063	1,433,063	1,433,063	1,433,063	1,433,063	1,433,063	1,433,063	0	0	0	5	528	528	528	528	528	528	528	528	528	528	0	0	0	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%					
Save on Energy Monitoring & Targeting Program	Verified															12														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%			
Adjustment to 2016 savings	True-up																																								
Save on Energy Energy Manager Program	Verified	413,119	413,119	348,349	327,463	327,463	327,463	327,463	327,463	327,463	327,463	327,463	101,769	101,769	101,769	12	36	36	36	36	36	36	36	36	36	36	14	14	14	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%			
Adjustment to 2016 savings	True-up	719,196	569,312	569,312	569,312	569,312	568,476	568,476	535,058	535,058	272,969	122,405	122,405	12	98	80	80	80	80	80	80	80	80	80	76	76	45	45	16	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
<b>Actual CDM Savings in 2016</b>		44,142,321	43,992,438	45,123,091	45,102,205	45,102,205	44,703,724	43,194,414	43,192,664	43,081,789	42,663,122	39,622,970	32,221,810	19,444,073	6,069	6,061	6,540	6,540	6,540	6,469	6,219	6,219	6,201	6,150	5,426	2,835	2,071	17,296,180	5,496,119	24,966	4,303	35	0	0	0	17,296,180					
<b>Forecast CDM Savings in 2016</b>																																									
<b>Distribution Rate in 2016</b>																																									
Lost Revenue in 2016 from 2011 programs																																									
Lost Revenue in 2016 from 2012 programs																																									
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<b>Total Lost Revenues in 2016</b>																																									
<b>Forecast Lost Revenues in 2016</b>																																									
<b>LRAMVA in 2016</b>																																									
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Table 5-d. 2018 Lost Revenues Work Form

Program	Results Status	Net Energy Savings Persistence (kWh)													Monthly Multiplier	Net Demand Savings (kW)												Rate Allocations for LRAMVA											
		Net Energy Savings Persistence (kWh)														Net Demand Savings (kW)												Rate Allocations for LRAMVA											
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Residential	GS<50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total		
<b>Conservation First Framework</b>																																							
<b>Residential Province-Wide Programs</b>																																							
21a Save on Energy Instant Discount Adjustment to 2018 savings	P&C Rep True-up	4,956,342	3,589,326	2,599,348	1,882,418	1,363,225	987,232	714,942	517,743	374,936	271,519	193,047	137,016	97,247															100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%		
22 Save on Energy Heating and Cooling Program Adjustment to 2018 savings	Verified True-up	688,447	688,447	688,447	688,447	688,447	688,447	0	0	0	0	0	0	0															100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%		
<b>Non-Residential Province-Wide Programs</b>																																							
26 Save on Energy Retrofit Program Adjustment to 2018 savings	P&C Rep Unverified	9,832,416	9,832,416	9,883,299	9,883,299	9,883,299	9,883,035	0	0	0	0	0	0	0	12	1,754	1,754	1,745	1,745	1,745	1,745	1,745	0	0	0	0	0	0	0	23.84%	72.33%	0.00%	3.83%	0.00%	0.00%	0.00%	0.00%	100%	
27 Save on Energy Small Business Lighting Program Adjustment to 2018 savings	Unverified True-up	1,062,568	935,593	683,219	681,146	681,146	681,146	0	0	0	0	0	0	0	12	238	210	153	153	153	153	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%
<b>Actual CDM Savings in 2018</b>		<b>23,845,352</b>	<b>22,351,360</b>	<b>21,024,260</b>	<b>20,305,257</b>	<b>19,786,064</b>	<b>19,409,615</b>	<b>714,942</b>	<b>517,743</b>	<b>374,936</b>	<b>271,519</b>	<b>193,047</b>	<b>137,016</b>	<b>97,247</b>		<b>3,354</b>	<b>3,325</b>	<b>3,253</b>	<b>3,253</b>	<b>3,253</b>	<b>3,253</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,644,789</b>	<b>3,430,376</b>	<b>26,610</b>	<b>0</b>	<b>11,758</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,433,333</b>		
Distribution Rate in 2018 Lost Revenue in 2018 from 2011 programs Lost Revenue in 2018 from 2012 programs Lost Revenue in 2018 from 2013 programs Lost Revenue in 2018 from 2014 programs Lost Revenue in 2018 from 2015 programs Lost Revenue in 2018 from 2016 programs Lost Revenue in 2018 from 2017 programs Lost Revenue in 2018 from 2018 programs <b>Total Lost Revenues in 2018</b> <b>Forecast Lost Revenues in 2018</b> <b>LRAMVA in 2018</b> 2018 Savings Persisting in 2019 2018 Savings Persisting in 2020 2018 Savings Persisting in 2021 2018 Savings Persisting in 2022 2018 Savings Persisting in 2023 2018 Savings Persisting in 2024 2018 Savings Persisting in 2025 2018 Savings Persisting in 2026 2018 Savings Persisting in 2027																																							

Note: London Hydro used the Participation and Cost Report, dated April 15, 2019, issued by the IESO to record energy kWh and demand kW savings.  
 Energy kWh and kW savings marked above as Unverified are from the detailed program savings files.  
 The net demand savings kW for the adjustments from the Participation and Cost Report is calculated using the kW/kWh ratios from the 2017 Verified Results, or earlier years, of the same program.  
 The persistence of unverified energy savings are from IESO's April 2019 Participation and Cost report reference tables.

Table 5-e. 2019 Lost Revenues Work Form

Program	Results Status	Net Energy Savings Persistence (kWh)													Monthly Multiplier	Net Demand Savings (kW)												Rate Allocations for LRAMVA									
		Net Energy Savings Persistence (kWh)														Net Demand Savings (kW)												Rate Allocations for LRAMVA									
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Residential	GS<50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total
<b>Conservation First Framework</b>																																					
<b>Non-Residential Province-Wide Programs</b>																																					
26 Save on Energy Retrofit Program Adjustment to 2019 savings	Unverified	3,222,732	3,222,732	3,206,796	3,206,796	3,206,796	3,206,710	0	0	0	0	0	0	0	12	485	485	482	482	482	482	0	0	0	0	0	0	0	87.88%	0.00%	12.12%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
27 Save on Energy Small Business Lighting Program Adjustment to 2019 savings	Unverified True-up	1,731,530	1,524,614	1,113,354	1,109,976	1,109,976	1,109,976	0	0	0	0	0	0	0	12	448	395	286	287	287	287	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<b>Actual CDM Savings in 2019</b>		<b>12,805,773</b>	<b>12,598,897</b>	<b>12,132,833</b>	<b>12,129,456</b>	<b>12,129,456</b>	<b>12,129,161</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>1,688</b>	<b>1,635</b>	<b>1,522</b>	<b>1,521</b>	<b>1,521</b>	<b>1,521</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,641,185</b>	<b>1,731,530</b>	<b>14,178</b>	<b>0</b>	<b>705</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,433,333</b>
Distribution Rate in 2019 Lost Revenue in 2019 from 2011 programs Lost Revenue in 2019 from 2012 programs Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2015 programs Lost Revenue in 2019 from 2016 programs Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2018 programs <b>Total Lost Revenues in 2019</b> <b>Forecast Lost Revenues in 2019</b> <b>LRAMVA in 2019</b> 2019 Savings Persisting in 2020 2019 Savings Persisting in 2021 2019 Savings Persisting in 2022 2019 Savings Persisting in 2023 2019 Savings Persisting in 2024 2019 Savings Persisting in 2025 2019 Savings Persisting in 2026 2019 Savings Persisting in 2027																																					

Note: Energy kWh and kW savings marked above as Unverified are from the detailed program savings files.  
 The persistence of unverified energy savings are from IESO's April 2019 Participation and Cost report reference tables.

Table 5-f. 2020 Lost Revenues Work Form

Program	Results Status	Net Energy Savings Persistence (kWh)													Monthly Multiplier	Net Demand Savings (kW)												Rate Allocations for LRAMVA									
		Net Energy Savings Persistence (kWh)														Net Demand Savings (kW)												Rate Allocations for LRAMVA									
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Residential	GS<50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total
<b>Conservation First Framework</b>																																					
<b>Non-Residential Province-Wide Programs</b>																																					
26 Save on Energy Retrofit Program Adjustment to 2020 savings	Unverified	3,259,081	3,259,081	3,242,964	3,242,964	3,242,964	3,242,878	0	0	0	0	0	0	0	12	513	513	510	510	510	510	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<b>Actual CDM Savings in 2020</b>		<b>4,717,058</b>	<b>4,717,058</b>	<b>4,693,732</b>	<b>4,693,732</b>	<b>4,693,732</b>	<b>4,693,607</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>626</b>	<b>626</b>	<b>623</b>	<b>623</b>	<b>623</b>	<b>623</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,641,185</b>	<b>0</b>	<b>7,512</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,433,333</b>
Distribution Rate in 2020 Lost Revenue in 2020 from 2011 programs Lost Revenue in 2020 from 2012 programs Lost Revenue in 2020 from 2013 programs Lost Revenue in 2020 from 2014 programs Lost Revenue in 2020 from 2015 programs Lost Revenue in 2020 from 2016 programs Lost Revenue in 2020 from 2017 programs Lost Revenue in 2020 from 2018 programs Lost Revenue in 2020 from 2019 programs Lost Revenue in 2020 from 2020 programs <b>Total Lost Revenues in 2020</b> <b>Forecast Lost Revenues in 2020</b> <b>LRAMVA in 2020</b> 2020 Savings Persisting in 2021 2020 Savings Persisting in 2022 2020 Savings Persisting in 2023 2020 Savings Persisting in 2024 2020 Savings Persisting in 2025 2020 Savings Persisting in 2026 2020 Savings Persisting in 2027																																					

Note: LDC to make note of key assumptions included above

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Table 5-g. 2021 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings Persistence (kWh)														Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)													Rate Allocations for LRAMVA							
		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2021		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Residential	GS<50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total	
<b>Conservation First Framework</b>																																						
<b>Non-Residential Province-Wide Programs</b>																																						
Save on Energy Retrofit Program																																						
Adjustment to 2021 savings																																						
Actual CDM Savings in 2021																																						
Forecast CDM Savings in 2021																																						
Distribution Rate in 2021																																						
Lost Revenue in 2021 from 2011 programs																																						
Lost Revenue in 2021 from 2012 programs																																						
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Lost Revenue in 2021 from 2020 programs																																						
Lost Revenue in 2021 from 2021 programs																																						
<b>Total Lost Revenues in 2021</b>																																						
<b>Forecast Lost Revenues in 2021</b>																																						
<b>LRAMVA in 2021</b>																																						
2021 Savings Persisting in 2022																																						
2021 Savings Persisting in 2023																																						
2021 Savings Persisting in 2024																																						
2021 Savings Persisting in 2025																																						
2021 Savings Persisting in 2026																																						
2021 Savings Persisting in 2027																																						

Note: LDC to make note of key assumptions included above

Table 5-h. 2022 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings Persistence (kWh)														Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)													Rate Allocations for LRAMVA							
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2022		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Residential	GS<50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total	
<b>Legacy Framework</b>																																						
Actual CDM Savings in 2022																																						
Forecast CDM Savings in 2022																																						
Distribution Rate in 2022																																						
Lost Revenue in 2022 from 2011 programs																																						
Lost Revenue in 2022 from 2012 programs																																						
Lost Revenue in 2022 from 2013 programs																																						
Lost Revenue in 2022 from 2014 programs																																						
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Lost Revenue in 2022 from 2021 programs																																						
Lost Revenue in 2022 from 2022 programs																																						
<b>Total Lost Revenues in 2022</b>																																						
<b>Forecast Lost Revenues in 2022</b>																																						
<b>LRAMVA in 2022</b>																																						
2022 Savings Persisting in 2023																																						
2022 Savings Persisting in 2024																																						
2022 Savings Persisting in 2025																																						
2022 Savings Persisting in 2026																																						
2022 Savings Persisting in 2027																																						

Note: LDC to make note of key assumptions included above

**Prospective Disposition of Persisting CDM Savings**

As noted above, prospective treatment will not be necessary for cost-of-service applications. For incentive rate-setting mechanism applications, treatment of prospective LRAM-eligible amounts should be done as follows:

- 1) Tables 5-l through Tables 5-m (the 2023 to 2027 years) do not allow for entry of new CDM savings in these years, but will calculate the total lost revenues, the forecast lost revenues, and the LRAM-eligible amount in these years, due to persistence of savings from prior years, based on 2022 distribution rates.
- 2) The LRAM-eligible amounts for 2023 to 2027 are not added to the LRAMVA and do not accrue interest, but are shown separately in the LRAMVA Summary in Table 1-C.
- 3) In their applications for 2023 rates, distributors should apply for approval of the 2023 to 2027 LRAM-eligible amounts shown in Table 1-C. Approval will mean that the LRAM-eligible amounts are accepted as final, subject only to the mechanistic adjustment described below.
- 4) In their applications for 2023 rates and subsequent rate years:
  - o Distributors should propose rate riders to recover each annual LRAM-eligible amount in the corresponding rate year, beginning with the application for 2023 rates, and continuing each rate year until all amounts shown in Table 1-C have been recovered.
  - o The LRAM-eligible amount for a particular year (as identified in Table 1-C) is to be adjusted mechanically by the OEB-approved inflation minus X factor formula applicable to IRM applications in effect for a given year. For example:

**Instructions**

**LRAM-Eligible Amount**

- Updated 2023 LRAM-eligible amount requested in the 2023 rate application = (2023 LRAM-eligible amount shown in Table 1-c)/(2023 OEB-approved inflation minus X-factor)
- Updated 2023 LRAM-eligible amount requested in the 2024 rate application = (2024 LRAM-eligible amount shown in Table 1-c)/(2023 OEB-approved inflation minus X-factor)/(2024 OEB-approved inflation minus X-factor)

**Note:** each year's LRAM-eligible amount is to be adjusted by the OEB-approved inflation minus X factors for the previous years up to and including the current rate year.

- o The rate riders for the respective rate year's LRAM eligible amount are for a one-year period.
- o Distributors are to input the resulting rate riders in Tab 18 - Additional Rates of the IRM Rate Generator Model.

Table 5-l. 2023 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings Persistence (kWh)														Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)													Rate Allocations for LRAMVA							
		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2023		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	Residential	GS<50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total	
Actual CDM Savings in 2023 (set to zero)																																						
Forecast CDM Savings in 2023																																						
Distribution Rate in 2022																																						
Lost Revenue in 2023 from 2011 programs																																						
Lost Revenue in 2023 from 2012 programs																																						
Lost Revenue in 2023 from 2013 programs																																						
Lost Revenue in 2023 from 2014 programs																																						
Lost Revenue in 2023 from 2015 programs																																						
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Lost Revenue in 2023 from 2019 programs																																						
Lost Revenue in 2023 from 2020 programs																																						
Lost Revenue in 2023 from 2021 programs																																						
Lost Revenue in 2023 from 2022 programs																																						
<b>Total Lost Revenues in 2023 (in 2022 \$)</b>																																						
<b>Forecast Lost Revenues in 2023 (in 2022 \$)</b>																																						
<b>LRAM-Eligible Amount in 2023 (in 2022 \$)</b>																																						

Note: LDC to make note of key assumptions included above











**Quarter Approved Deferral & Variance Accounts**

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS 50 - 4,999 kW	Co-Generation 1,000 - 4,999 kW	Large User	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Total
<b>Opening Balance for 2021</b>				\$0.00	\$630.77	\$2,711.65	\$121.19	-\$327.09	-\$574.77	\$0.00	\$0.00	\$0.00
Jan-21	2011-2021	Q1	0.05%	\$0.00	\$69.85	\$300.26	\$13.42	-\$36.22	-\$63.65	\$0.00	\$0.00	\$0.00
Feb-21	2011-2021	Q1	0.05%	\$0.00	\$75.48	\$325.49	\$14.57	-\$39.33	-\$69.11	\$0.00	\$0.00	\$0.00
Mar-21	2011-2021	Q1	0.05%	\$0.00	\$81.10	\$350.73	\$15.72	-\$42.43	-\$74.57	\$0.00	\$0.00	\$0.00
Apr-21	2011-2021	Q2	0.05%	\$0.00	\$86.73	\$375.96	\$16.86	-\$45.54	-\$80.02	\$0.00	\$0.00	\$0.00
May-21	2011-2021	Q2	0.05%	\$0.00	\$92.36	\$401.20	\$18.01	-\$48.65	-\$85.48	\$0.00	\$0.00	\$0.00
Jun-21	2011-2021	Q2	0.05%	\$0.00	\$97.99	\$426.43	\$19.16	-\$51.76	-\$90.94	\$0.00	\$0.00	\$0.00
Jul-21	2011-2021	Q3	0.05%	\$0.00	\$103.62	\$451.66	\$20.31	-\$54.86	-\$96.40	\$0.00	\$0.00	\$0.00
Aug-21	2011-2021	Q3	0.05%	\$0.00	\$109.24	\$476.90	\$21.46	-\$57.97	-\$101.86	\$0.00	\$0.00	\$0.00
Sep-21	2011-2021	Q3	0.05%	\$0.00	\$114.87	\$502.13	\$22.61	-\$61.08	-\$107.32	\$0.00	\$0.00	\$0.00
Oct-21	2011-2021	Q4	0.05%	\$0.00	\$120.50	\$527.37	\$23.75	-\$64.18	-\$112.78	\$0.00	\$0.00	\$0.00
Nov-21	2011-2021	Q4	0.05%	\$0.00	\$126.13	\$552.60	\$24.90	-\$67.29	-\$118.24	\$0.00	\$0.00	\$0.00
Dec-21	2011-2021	Q4	0.05%	\$0.00	\$131.76	\$577.84	\$26.05	-\$70.40	-\$123.70	\$0.00	\$0.00	\$0.00
<b>Total for 2021</b>				\$0.00	\$1,840.40	\$7,980.13	\$358.01	-\$966.80	-\$1,698.85	\$0.00	\$0.00	\$0.00
<b>Amount Cleared</b>												
<b>Opening Balance for 2022</b>				\$0.00	\$1,840.40	\$7,980.13	\$358.01	-\$966.80	-\$1,698.85	\$0.00	\$0.00	\$0.00
Jan-22	2011-2022	Q1	0.05%	\$0.00	\$137.39	\$603.07	\$27.20	-\$73.51	-\$129.16	\$0.00	\$0.00	\$0.00
Feb-22	2011-2022	Q1	0.05%	\$0.00	\$137.39	\$603.07	\$27.20	-\$73.51	-\$129.16	\$0.00	\$0.00	\$0.00
Mar-22	2011-2022	Q1	0.05%	\$0.00	\$137.39	\$603.07	\$27.20	-\$73.51	-\$129.16	\$0.00	\$0.00	\$0.00
Apr-22	2011-2022	Q2	0.09%	\$0.00	\$245.85	\$1,079.18	\$48.67	-\$131.54	-\$231.13	\$0.00	\$0.00	\$0.00
May-22	2011-2022	Q2	0.09%	\$0.00	\$245.85	\$1,079.18	\$48.67	-\$131.54	-\$231.13	\$0.00	\$0.00	\$0.00
Jun-22	2011-2022	Q2	0.09%	\$0.00	\$245.85	\$1,079.18	\$48.67	-\$131.54	-\$231.13	\$0.00	\$0.00	\$0.00
Jul-22	2011-2022	Q3	0.18%	\$0.00	\$530.26	\$2,327.64	\$104.98	-\$283.71	-\$498.51	\$0.00	\$0.00	\$0.00
Aug-22	2011-2022	Q3	0.18%	\$0.00	\$530.26	\$2,327.64	\$104.98	-\$283.71	-\$498.51	\$0.00	\$0.00	\$0.00
Sep-22	2011-2022	Q3	0.18%	\$0.00	\$530.26	\$2,327.64	\$104.98	-\$283.71	-\$498.51	\$0.00	\$0.00	\$0.00
Oct-22	2011-2022	Q4	0.32%	\$0.00	\$932.78	\$4,094.53	\$184.67	-\$499.07	-\$876.93	\$0.00	\$0.00	\$0.00
Nov-22	2011-2022	Q4	0.32%	\$0.00	\$932.78	\$4,094.53	\$184.67	-\$499.07	-\$876.93	\$0.00	\$0.00	\$0.00
Dec-22	2011-2022	Q4	0.32%	\$0.00	\$932.78	\$4,094.53	\$184.67	-\$499.07	-\$876.93	\$0.00	\$0.00	\$0.00
<b>Total for 2022</b>				\$0.00	\$7,379.23	\$32,293.38	\$1,454.66	-\$3,930.25	-\$6,906.05	\$0.00	\$0.00	\$0.00
<b>Amount Cleared</b>												
<b>Opening Balance for 2023</b>				\$0.00	\$7,379.23	\$32,293.38	\$1,454.66	-\$3,930.25	-\$6,906.05	\$0.00	\$0.00	\$0.00
Jan-23	2011-2023	Q1	0.32%	\$0.00	\$932.78	\$4,094.53	\$184.67	-\$499.07	-\$876.93	\$0.00	\$0.00	\$0.00
Feb-23	2011-2023	Q1	0.32%	\$0.00	\$932.78	\$4,094.53	\$184.67	-\$499.07	-\$876.93	\$0.00	\$0.00	\$0.00
Mar-23	2011-2023	Q1	0.32%	\$0.00	\$932.78	\$4,094.53	\$184.67	-\$499.07	-\$876.93	\$0.00	\$0.00	\$0.00
Apr-23	2011-2023	Q2	0.32%	\$0.00	\$932.78	\$4,094.53	\$184.67	-\$499.07	-\$876.93	\$0.00	\$0.00	\$0.00
May-23	2011-2023	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jun-23	2011-2023	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jul-23	2011-2023	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Aug-23	2011-2023	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Sep-23	2011-2023	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Oct-23	2011-2023	Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Nov-23	2011-2023	Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Dec-23	2011-2023	Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Total for 2023</b>				\$0.00	\$11,110.35	\$48,671.50	\$2,193.22	-\$5,926.53	-\$10,413.77	\$0.00	\$0.00	\$0.00



Supporting Documentation:
LDC Persistence Savings Results from IESO

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

Instructions (Grey)

- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.
2. Please identify the source of the report via the dropdown list in Column I.
3. To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell K5 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.
4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.
5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tables 4 and 5 of this work form.
NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

Table 7. 2011-2021 Verified Program Results and Persistence into Future Years

Table with columns: Portfolio, Program, Initiative, LDC, Sector, Consumption Measure Type, Implementation Year, Identify Source of Report, Identify Status of Savings, and Net Verified Annual Peak Demand Savings at the End-User Level (kW). The table contains multiple rows of data for various initiatives across different LDCs and sectors.













Rate Class Allocations from Project List and Persistence - YEAR 2020 and beyond

Rate Class Allocations from Project List and Persistence by Project Completion Year

Net Energy Savings kW by Reporting Year, Program, Completion Year	First Yr				Persistence						
	GS-50	GS-50	COGEN	LU	Sum of Net Energy kW	Yr. 1	Yr. 2	Yr. 3	Yr. 4	Yr. 5	Yr. 6
2020	-	1,643.52	-	-	1,643.52	-	-	-	-	-	-
Saves on Energy Retrofit Program	-	1,643.52	-	-	1,643.52	-	-	-	-	-	-
2016	-	31.72	-	-	31.72	31.72	31.72	31.56	31.56	31.56	31.56
2017	-	120.93	-	-	120.93	120.93	120.93	120.33	120.33	120.33	120.33
2018	-	274.75	-	-	274.75	274.75	274.40	273.40	273.40	273.39	273.39
2019	-	703.52	-	-	703.52	703.52	703.52	700.04	700.04	700.04	700.02
2020	-	332.60	-	-	332.60	332.60	332.60	330.06	330.06	330.06	330.05
2021	-	283.13	-	-	283.13	-	-	-	-	-	-
Saves on Energy Retrofit Program	-	283.13	-	-	283.13	-	-	-	-	-	-
2019	-	52.21	-	-	52.21	52.21	52.21	51.95	51.95	51.95	51.95
2020	-	113.44	-	-	113.44	113.44	113.44	112.88	112.88	112.88	112.88
2021	-	97.48	-	-	97.48	97.48	97.48	97.00	97.00	97.00	97.00
Grand Total 2020-2021	-	775.73	-	-	775.73	-	-	-	-	-	-

  

Rate Class Allocation	GS-50	GS-50	COGEN	LU	Total Allocated
2020	-	1,643.52	-	-	1,643.52
Saves on Energy Retrofit Program	-	1,643.52	-	-	1,643.52
2016	0.0%	100.0%	0.0%	0.0%	100.0%
2017	0.0%	100.0%	0.0%	0.0%	100.0%
2018	0.0%	100.0%	0.0%	0.0%	100.0%
2019	0.0%	100.0%	0.0%	0.0%	100.0%
2020	0.0%	100.0%	0.0%	0.0%	100.0%
2021	0.0%	100.0%	0.0%	0.0%	100.0%
Grand Total 2020-2021	-	775.73	-	-	775.73

  

Net Energy Savings kWh by Reporting Year, Program, Completion Year	GS-50	GS-50	COGEN	LU	Sum of Net Energy kWh	Yr. 1	Yr. 2	Yr. 3	Yr. 4	Yr. 5	Yr. 6
2020	-	14,808,961.43	-	-	14,808,961.43	-	-	-	-	-	-
Saves on Energy Retrofit Program	-	14,808,961.43	-	-	14,808,961.43	-	-	-	-	-	-
2016	-	120,897.94	-	-	120,897.94	120,897.94	120,897.94	120,021.63	120,021.63	120,021.63	120,021.63
2017	-	607,465.58	-	-	607,465.58	607,465.58	607,465.58	604,461.60	604,461.60	604,461.60	604,461.60
2018	-	3,321,477.43	-	-	3,321,477.43	3,321,477.43	3,321,477.43	3,304,083.36	3,304,083.36	3,303,969.73	3,303,969.73
2019	-	7,290,179.50	-	-	7,290,179.50	7,290,179.50	7,290,179.50	7,254,128.80	7,254,128.80	7,253,914.96	7,253,914.96
2020	-	3,259,080.97	-	-	3,259,080.97	3,259,080.97	3,242,964.48	3,242,964.48	3,242,964.48	3,242,877.82	3,242,877.82
2021	-	2,794,281.65	-	-	2,794,281.65	-	-	-	-	-	-
Saves on Energy Retrofit Program	-	2,794,281.65	-	-	2,794,281.65	-	-	-	-	-	-
2019	-	561,330.83	-	-	561,330.83	561,330.83	561,330.83	558,554.99	558,554.99	558,540.07	558,540.07
2020	-	1,453,977.50	-	-	1,453,977.50	1,453,977.50	1,450,767.65	1,450,767.65	1,450,767.65	1,450,728.89	1,450,728.89
2021	-	764,973.32	-	-	764,973.32	764,973.32	761,190.64	761,190.64	761,190.64	761,190.64	761,170.10
Grand Total 2020-2021	-	6,048,263.62	-	-	6,048,263.62	-	-	-	-	-	-

Rate Class Allocation	GS-50	GS-50	COGEN	LU	Total Allocated
2020	-	14,808,961.43	-	-	14,808,961.43
Saves on Energy Retrofit Program	-	14,808,961.43	-	-	14,808,961.43
2016	0.0%	100.0%	0.0%	0.0%	100.0%
2017	0.0%	100.0%	0.0%	0.0%	100.0%
2018	0.0%	100.0%	0.0%	0.0%	100.0%
2019	0.0%	100.0%	0.0%	0.0%	100.0%
2020	0.0%	100.0%	0.0%	0.0%	100.0%
2021	0.0%	100.0%	0.0%	0.0%	100.0%
Grand Total 2020-2021	-	6,048,263.62	-	-	6,048,263.62

# Attachment H

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## **2023 IRM Checklist**

# 2023 IRM Checklist

**London Hydro Inc.**  
**EB-2022-0048**

Date: Oct 12, 2022

Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
<b>3.1.2 Components of the Application Filing</b>		
2	Manager's summary documenting and explaining all rate adjustments requested	Y
2	Contact info - primary contact may be a person within the distributor's organization other than the primary license contact	Y
3	Completed Rate Generator Model and supplementary work forms in Excel format	Y - Att E
3	Current tariff sheet, PDF	Y - Att B
3	Supporting documentation (e.g. relevant past decisions, RRWF etc.)	Y
3	Statement as to who will be affected by the application, specific customer groups affected by particular request	Y
3	Distributor's internet address	Y
3	Statement confirming accuracy of billing determinants pre-populated in model	Y
3	Text searchable PDF format for all documents	Y
3	2023 IRM Checklist	Y
3	Include a certification by a senior officer that the evidence filed, including the models and appendices, is accurate, consistent and complete to the best of their knowledge, a certification that the distributor has processes and internal controls in place for the preparation, review, verification and oversight of account balances being disposed, as well as a certification regarding personal information	Y - Att A
<b>3.1.3 Applications and Electronic Models</b>		
4	Confirm the accuracy of the data. If a distributor has revised any RRR data after it has been incorporated into the model, this change should be disclosed in the application	Y
4	File the GA Analysis Workform.	Y - Att F
4	A distributor seeking a revenue-to-cost ratio adjustment due to a previous OEB decision must continue to file the OEB's Revenue-to-Cost Ratio Adjustment Workform in addition to the Rate Generator model.	N/A
4	For an Incremental or 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 G
5	The models and workforms be used by all distributors. If a distributor makes any changes to OEB models or workforms to address its own circumstances, it must justify such changes in the manager's summary.	Y
<b>3.2.2 Revenue to Cost Ratio Adjustments</b>		
6 - 7	Revenue to Cost Ratio Adjustment Workform, if distributor is seeking revenue to cost ratio adjustments due to previous OEB decision	N/A
<b>3.2.3 Rate Design for Residential Electricity Customers</b>		
<b>Applicable only to distributors that have not completed the residential rate design transition</b>		
7	A plan to mitigate the impact for the whole residential class or indicate why such a plan is not required, if the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile	N/A
7	Mitigation plan if total bill increases for any customer class exceed 10%	N/A
<b>3.2.4 Electricity Distribution Retail Transmission Service Rates</b>		
<b>No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB</b>		
<b>3.2.5 Review and Disposition of Group 1 DVA Balances</b>		
8	Justification if any account balance in excess of the threshold should not be disposed	N/A
8	Completed Tab 3 - continuity schedule in Rate Generator Model	Y
9	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	Y
9	The opening principal amounts as well as the opening interest amounts for Group 1 balances, shown in the continuity schedule, must reconcile with the last applicable, approved closing balances. Distributors must provide an explanation when the Group 1 account balances presented on the Tab 3 - Continuity Schedule of the Rate Generator model differ from the account balances in the trial balance as reported through the RRR (which have been pre-populated in the Tab 3 - Continuity Schedule of the Rate Generator model)	Y
9	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis; If so, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled "Adjustments to Deferral and Variance Accounts"	Y
10	Rate riders proposed for recovery or refund of balances that are proposed for disposition. The default disposition period is one year. Justification with proper supporting information is required if distributor is proposing an alternative recovery period	Y
<b>3.2.5.1 Wholesale Market Participants</b>		
10	Separate rate riders established to recover balances in RSVAs from Wholesale Market Participants, who must not be allocated balances related to charges for which WMPs settle directly with the IESO	Y
<b>3.2.5.3 Commodity Accounts 1588 and 1589</b>		
11	Confirmation of implementation of the OEB's February 21, 2019 guidance effective from January 1, 2019 when requesting final disposition for the first time following implementation of the Accounting Guidance	Y
11	Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Accounting Guidance, summary provided of the review performed. Distributors must 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 is provided for each adjustment made to the historical balances	Y
11 - 12, 4	Populated GA Analysis Workform for each year that has not previously been approved by the OEB for disposition, irrespective of whether seeking disposition of the Account 1589 balance as part of current application. If adjustments were made to an Account 1589 balance that was previously approved on an interim basis, the GA Analysis Workform is required to be completed for each year after the distributor last received final disposition for Account 1589	Y
<b>3.2.5.4 Capacity Based Recovery (CBR)</b>		
12	Disposition proposed for 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 Rate Generator model, distributors must indicate whether they had Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated - For disposition of Account 1580 sub-account CBR Class A, distributors must follow the OEB's CBR accounting guidance, which results in balances disposed outside of a rate proceeding - The Rate Generator model allocates the portion of Account 1580 sub-account CBR Class B to customers who transitioned between Class A and Class B based on consumption	Y
<b>3.2.5.5 Disposition of Account 1595</b>		
14	Confirmation that residual balances in Account 1595 Sub-accounts for each vintage year have only been disposed once	Y
14	Detailed explanations provided for any significant residual balances attributable to specific rate riders for each customer rate class, including for example, differences between forecast and actual volumes	N/A
<b>3.2.6 Lost Revenue Adjustment Mechanism Variance Account</b>		
15	The 2021 CDM Guidelines require distributors filing an application for 2023 rates to seek disposition of all outstanding LRAMVA balances related to previously established LRAMVA thresholds	Y
17	Completed latest version of LRAMVA Workform in a working Excel file when making LRAMVA requests for remaining amounts related to CFF activity	Y
17	Final Verified Annual Reports if LRAMVA balances are being claimed from CDM programs delivered in 2017 or earlier. Participation and Cost reports in Excel format, made available by the IESO, provided to support LRAMVA balances for programs for the period of January 1, 2018 to April 15, 2019. These reports should be filed in Excel format, similar to the previous Final Verified Annual Reports from 2015 to 2017. To support savings claims for projects completed after April 15, 2019, distributors should provide similar supporting evidence	N/A
17	File other supporting evidence with an explanation and rationale should be provided to justify the eligibility of any other savings from a program delivered by a distributor through the Local Program Fund that was part of the Interim Framework after April 15, 2019.	Y
17	Meet the OEB's requirements related to personal information and commercially sensitive information as stated in the Filing Requirements	Y
18	Statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition	Y
18	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	Y
18	Summary table with principal and carrying charges by rate class and resulting rate riders	Y
18	Statement confirming the period of rate recovery	Y
18	Statement providing the proposed disposition period; rationale provided for disposing the balance in the LRAMVA if significant rate rider is not generated for one or more customer classes	Y
18	File details related to the approved CDM forecast savings from the distributor's last rebasing application	Y
18	Rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form)	Y
18	Statement confirming whether additional documentation was provided in support of projects that were not included in distributor's final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable)	Y
18	File in support of a previous LRAMVA application, distributors should provide Participation and Cost Reports and detailed project level savings files made available by the IESO and/or other supporting evidence to support the clearance of energy- and/or demand-related LRAMVA balances where final verified results from the IESO are not available. These reports should be filed in Excel format, similar to the previous Final Verified Annual Reports from 2015 to 2017	Y
18 - 19	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: o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS application o Confirmation that the street light upgrades represent incremental savings attributable to participation in the IESO program, and that any savings not attributable to the IESO program have been removed (for example, other upgrades under normal asset management plans) o Confirmation that the associated energy savings from the applicable IESO program have been removed from the LRAMVA workform so as not to double count savings (for example, if requesting lost revenue recovery for the demand savings from a street light upgrade program, the associated energy savings from the Retrofit program have been subtracted from the Retrofit total) o Confirmation that the distributor has received reports from the participating municipality that validate the number and type of bulbs replaced or retrofitted through the IESO program o A table, in live excel format, that shows the monthly breakdown of billed demand over the period of the street light upgrade project, and the detailed calculations of the change in billed demand due to the street light upgrade project (including data on number of bulbs, type of bulb replaced or retrofitted, average demand per bulb)	N/A

# 2023 IRM Checklist

London Hydro Inc.

EB-2022-0048

Date: Oct 12, 2022

Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
19	For the recovery of lost revenues related to demand savings from other programs that are not included in the monthly Participation and Cost Reports of the IESO (for example Combined Heat and Power projects), distributors should provide the following information: o The third party evaluation report that describes the methodology to calculate the demand savings achieved for the program year. In particular, if the proposed methodology is different than the evaluation approaches used by the IESO, an explanation must be provided explaining why the proposed approach is more appropriate o Rationale for net-to-gross assumptions used o Breakdown of billed demand and detailed level calculations in live excel format	N/A
19 - 20	For program savings for projects completed after April 15, 2019, distributors should provide the following: o Related to CFF programs: an explanation must be provided as to how savings have been estimated based on the available data (i.e. IESO's Participation and Cost Reports) and/or rationale to justify the eligibility of the program savings. o Related to programs delivered by the distributor through the Local Program Fund under the Interim CDM Framework: an explanation and rationale should be provided to justify the eligibility of the additional program savings.	Manager Summary Pgs 26-34 Appendix G - 2023 LRAMVA Work Form
<b>3.2.6.2 Continuing Use of the LRAMVA for New CDM Activities</b>		
20	Statement whether it is requesting an LRAMVA for one or more of these activities, if this request has not been addressed in a previous application.	
<b>3.2.7 Tax Changes</b>		
21	Tabs 8 and 9 of Rate Generator model are completed, if applicable	Y
21	If a rate rider to the fourth decimal place is not generated for one or more customer classes, the entire sharing tax amount is transferred to Account 1595 for disposition at a future date	N/A
<b>3.2.8. Z-Factor Claims</b>		
21	Eligible Z-factor cost amounts are recorded in Account 1572, Extraordinary Event Costs. Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate sub-accounts of this account	N/A
21	To be eligible for a Z-factor claim, a distributor must demonstrate that its achieved regulatory return on equity (ROE), during its most recently completed fiscal year, does not exceed 300 basis points above its deemed ROE embedded in its base rates	N/A
<b>3.2.8.1 Z-Factor Filing Guidelines</b>		
22	Evidence that costs incurred meet criteria of causation, materiality and prudence	N/A
22	In addition, the distributor must: - Notify OEB by letter of all Z-Factor events within 6 months of event - Apply to OEB for any cost recovery of amounts in the 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 - Provide the distributor's achieved regulatory ROE for the most recently completed fiscal year	N/A
<b>3.2.8.2 Recovery of Z-Factor Costs</b>		
22	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	N/A
22	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rationale for proposal	N/A
22	Residential rate rider to be proposed on fixed basis	N/A
22	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	N/A
<b>3.2.9 Off-Ramps</b>		
22 - 23	If a distributor whose earnings are in excess of the dead band nevertheless applies for an increase to its base rates, it needs to substantiate its reasons for doing so	N/A
23	A distributor is expected to file its regulated ROE, as was filed for 2.1.5.6 of the RRR. However, if in the distributor's view this ROE has been affected by out-of-period or other items (for example, revenues or costs that pertain to a prior period but recognized in a subsequent one), it may also file a proposal to normalize its achieved regulated ROE for those impacts, for consideration by the OEB.	N/A
<b>3.3.1 Advanced Capital Module</b>		
4	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	N/A
24	Evidence of passing "Means Test"	N/A
24	Information on relevant project's (or projects') updated cost projections, confirmation that the project(s) are on schedule to be completed as planned and an updated ACM/ICM module in Excel format	N/A
<b>3.3.2 Incremental Capital Module</b>		
25	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required	N/A
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	N/A
26	Evidence of passing "Means Test"	N/A
<b>3.3.2.1 ICM Filing Requirements</b>		
	The following should be provided when filing for incremental capital:	N/A
4	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	N/A
26	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	N/A
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	N/A
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	N/A
27	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)	N/A
27	Details by project for the proposed capital spending plan for the expected in-service year	N/A
27	Description of the proposed capital projects and expected in-service dates	N/A
27	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	N/A
27	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)	N/A
27	Description of the actions the distributor would take in the event that the OEB does not approve the application	N/A
27	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 discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	N/A
<b>3.3.2.3 ICM Filing Requirements</b>		
28	Calculate the maximum allowable capital amount	N/A