



Ontario
Energy
Board

Commission
de l'énergie
de l'Ontario

Ontario

DECISION AND RATE ORDER

EB-2022-0060

RENFREW HYDRO INC.

**Application for rates and other charges to be effective
January 1, 2023**

BY DELEGATION, BEFORE: Alex Share
Manager
Generation & Transmission

December 8, 2022

1. OVERVIEW

The Ontario Energy Board is approving changes to the rates that Renfrew Hydro Inc. (Renfrew Hydro) charges to distribute electricity to its customers, effective January 1, 2023.

As a result of this Decision, there will be a monthly total bill increase of \$2.81 for a residential customer consuming 750 kWh. This change does not factor in applicable taxes or the Ontario Electricity Rebate.

2. CONTEXT AND PROCESS

Renfrew Hydro filed its application on August 3, 2022 under section 78 of the *Ontario Energy Board Act, 1998* and in accordance with Chapter 3 of the OEB's [Filing Requirements for Incentive Rate-Setting Applications](#) (Filing Requirements). The application was based on the Price Cap Incentive Rate-setting (Price Cap IR) option.

The Price Cap IR option is one of three incentive rate-setting mechanisms (IRM) approved by the OEB.¹ It involves the setting of rates through a cost of service application in the first year and mechanistic price cap adjustments which may be approved through IRM applications in each of the ensuing adjustment years.

The OEB follows a standardized and streamlined process for hearing IRM applications filed under Price Cap IR. In each adjustment year of a Price Cap IR term, the OEB prepares a Rate Generator Model that includes, as a placeholder, information from the distributor's past proceedings and annual reporting requirements. A distributor will then review, complete, and include the model with its application, and may update the model during the proceeding to make any necessary corrections or to incorporate new rate-setting parameters as they become available.

Renfrew Hydro serves approximately 4,400 mostly residential and commercial electricity customers in the Town of Renfrew.

The application was supported by pre-filed written evidence and a completed Rate Generator Model and as required during the proceeding, Renfrew Hydro updated and clarified the evidence.

¹ Each of these options is explained in the OEB's [Handbook for Utility Rate Applications](#).

3. DECISION OUTLINE

Each of the following issues is addressed in this Decision, together with the OEB's findings.

- Annual Adjustment Mechanism
- Shared Tax Adjustments
- Retail Transmission Service Rates
- Group 1 Deferral and Variance Accounts
- Lost Revenue Adjustment Mechanism Variance Account

Instructions for implementing Renfrew Hydro's new rates and charges are set out in the final section of this Decision.

This Decision does not address rates and charges approved by the OEB in prior proceedings, such as specific service charges² and loss factors, which are out of the scope of an IRM proceeding and for which no further approvals are required to continue to include them on the distributor's Tariff of Rates and Charges.

² Certain service charges are subject to annual inflationary adjustments to be determined by the OEB through a generic order. For example, the Decision and Order EB-2022-0220, issued November 3, 2022, 2022 established the adjustment for energy retailer service charges, effective January 1, 2023; and the Decision and Order EB-2022-0221, issued November 3, 2022, established the 2023 Wireline Pole Attachment Charge, effective January 1, 2023.

4. ANNUAL ADJUSTMENT MECHANISM

Renfrew Hydro has applied to change its rates, effective January 1, 2023, based on a mechanistic rate adjustment using the OEB-approved **inflation minus X-factor** formula applicable to IRM applications. The adjustment applies to distribution rates (fixed and variable) uniformly across all customer classes.³

The components of the Price Cap adjustment formula applicable to Renfrew Hydro are set out in the table below. Inserting these components into the formula results in a 3.40% increase to Renfrew Hydro's rates: **3.40% = 3.70% - (0.00% + 0.30%)**.

Table 4.1: Price Cap IR Adjustment Formula

Components		Amount
Inflation factor ⁴		3.70%
Less: X-factor	Productivity factor ⁵	0.00%
	Stretch factor (0.00% to 0.60%) ⁶	0.30%

An inflation factor of 3.70% applies to all IRM applications for the 2023 rate year.

The X-factor is the sum of the productivity factor and the stretch factor. It is a productivity offset that varies among different groupings of distributors. Subtracting the X-factor from inflation ensures that rates decline in real, constant-dollar terms, providing distributors with a tangible incentive to improve efficiency or else experience declining net income. The productivity component of the X-factor is based on industry conditions over a historical study period and applies to all IRM applications for the 2023 rate year. The stretch factor component of the X-factor is distributor specific. The OEB has established five stretch factor groupings, ranging from 0.00% to 0.60%. The stretch factor assigned to any distributor is based on the distributor's total cost performance as

³ The adjustment does not apply to the following components of delivery rates: rate riders, rate adders, low voltage service charges, retail transmission service rates, wholesale market service rate, smart metering entity charge, rural or remote electricity rate protection charge, standard supply service – administrative charge, transformation and primary metering allowances, loss factors, specific service charges, microFIT charge, and retail service charges.

⁴ [OEB Letter](#), 2023 Inflation Parameters, October 20, 2022.

⁵ Report of the Ontario Energy Board – “Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario’s Electricity Distributors” EB-2010-0379, December 4, 2013

⁶ Report to the Ontario Energy Board – “Empirical Research in Support of Incentive Rate-Setting: 2020 Benchmarking Update”, prepared by Pacific Economics Group LLC., July 2022

benchmarked against other distributors in Ontario. The stretch factor assigned to Renfrew Hydro is 0.30%, resulting in a rate adjustment of 3.40%.

Findings

Renfrew Hydro's request for a 3.40% rate adjustment is in accordance with the annually updated parameters set by the OEB. The adjustment is approved, and Renfrew Hydro's new rates shall be effective January 1, 2023.

5. SHARED TAX ADJUSTMENTS

In any adjustment year of an IRM term, a change in legislation may result in a change to the amount of taxes payable by a distributor. The impacts of such legislated tax changes are shared equally between shareholders and customers.⁷ The shared tax change amount, whether in the form of a credit or a debit, will be assigned to customer rate classes in the same proportions as the OEB-approved distribution revenue by rate class from the distributor's last cost of service proceeding.

The application identifies a total tax decrease of \$4,524, resulting in a shared amount of \$2,262 to be refunded to ratepayers.

This allocated tax-sharing amount does not produce a rate rider to the fourth decimal place, in one or more rate classes. In such situations where the Rate Generator Model does not compute rate riders, distributors are required to transfer the entire OEB-approved tax sharing amount into the Disposition and Recovery of Regulatory Balances Control Account (Account 1595) for disposition at a later date.

Findings

The OEB approves the tax-sharing refund of \$2,262.

As the allocated tax-sharing amount does not produce a rate rider in one or more rate classes, the OEB directs Renfrew Hydro to record the credit amount of \$2,262 into Account 1595 - Sub-account Principal Balances Approved for Disposition in 2023.

⁷ On July 25, 2019, the OEB issued a [letter](#) providing accounting guidance with respect to changes in capital cost allowance (CCA) rules. The guidance provides that impacts from changes in CCA rules will not be assessed in IRM proceedings, and that any request for disposition of amounts related to CCA changes is to be deferred to the distributor's next cost of service rate proceeding. A distributor's request for disposition of shared tax adjustment amounts in an IRM application should, therefore, be comprised only of impacts for tax changes unrelated to CCA.

6. RETAIL TRANSMISSION SERVICE RATES

Renfrew Hydro is fully embedded within Hydro One's distribution system.

To recover its cost of transmission services, Renfrew Hydro requests approval to adjust the retail transmission service rates (RTSRs) that it charges its customers in accordance with the host distributor RTSRs currently in effect.

Findings

Renfrew Hydro's proposed adjustment to its RTSRs is approved. The RTSRs were adjusted based on the 2022 OEB-approved host-RTSRs.⁸

Host-RTSRs are typically approved annually by the OEB. In the event that new host-RTSRs take effect during Renfrew Hydro's 2023 rate year, any resulting differences (from the prior-approved host-RTSRs) are to be captured in Retail Settlement Variance Accounts 1584 (Retail Transmission Network Charge) and 1586 (Retail Transmission Connection Charge).

⁸ EB-2021-0032, Decision and Rate Order, December 14, 2021

7. GROUP 1 DEFERRAL AND VARIANCE ACCOUNTS

In each year of an IRM term, the OEB will review a distributor's Group 1 deferral and variance accounts to determine whether those balances should be disposed. OEB policy states that Group 1 account balances should be disposed if they exceed, on a net basis (as a debit or credit), a pre-set disposition threshold of \$0.001 per kWh, unless a distributor justifies why balances should not be disposed.⁹ If the net balance does not exceed the threshold, a distributor may still request disposition.¹⁰

The 2021 year-end net balance for Renfrew Hydro's Group 1 accounts eligible for disposition, including interest projected to December 31, 2022, is a credit of \$127,937 and pertains to variances accumulated during the 2021 calendar year. This amount represents a total credit claim of \$0.0015 per kWh, which exceeds the disposition threshold. Renfrew Hydro has requested the disposition of this amount over a one-year period.

Included in the Group 1 accounts are certain variances related to costs that are paid for by a distributor's customers on different bases, depending on their classification. Namely, "Class A" customers, who participate in the Industrial Conservation Initiative, pay for Global Adjustment (GA) charges based on their contribution to the five highest Ontario demand peaks over a 12-month period. "Class B" customers pay for GA charges based on their monthly consumption totals, either as a standalone charge or embedded in the Regulated Price Plan (RPP).¹¹ A similar mechanism applies to Class A and Class B customers for Capacity Based Recovery (CBR) charges.¹² The balance in the GA variance account is attributable to non-RPP Class B customers and is disposed through a separate rate rider. The balance in the CBR Class B variance account is attributable to all Class B customers.

Renfrew Hydro had Class A customers during the period in which variances accumulated so it has applied to have the balance of the CBR Class B variance account disposed through a separate rate rider for Class B customers to ensure proper allocation between Class A and Class B customers.

⁹ Report of the OEB – "Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)." EB-2008-0046, July 31, 2009.

¹⁰ OEB letter, Update to the July 2009 EDDVAR Report, issued July 25, 2014

¹¹ For additional details on the Global Adjustment charge, refer to the Independent Electricity System Operator (IESO)'s [website](#).

¹² All Class B customers (RPP and non-RPP) pay the CBR as a separate charge based on their monthly consumption. For additional details on the CBR for Class A customers, refer to the IESO's [website](#).

Findings

The balances proposed for disposition reconcile with the amounts reported as part of the OEB's *Electricity Reporting and Record-Keeping Requirements*.

The OEB approves the disposition of a credit balance of \$127,937 as of December 31, 2021, including interest projected to December 31, 2022, for Group 1 accounts on a final basis.

Table 7.1 identifies the principal and interest amounts, which the OEB approves for disposition.

Table 7.1: Group 1 Deferral and Variance Account Balances

Account Name	Account Number	Principal Balance (\$) A	Interest Balance (\$) B	Total Claim (\$) C=A+B
LV Variance Account	1550	116,158	2,047	118,205
Smart Meter Entity Variance Charge	1551	(2,187)	(36)	(2,223)
RSVA - Wholesale Market Service Charge	1580	(56,032)	(995)	(57,027)
Variance WMS - Sub-account CBR Class B	1580	(10,581)	(187)	(10,769)
RSVA - Retail Transmission Network Charge	1584	(7,015)	(133)	(7,148)
RSVA - Retail Transmission Connection Charge	1586	(6,106)	(104)	(6,210)
RSVA - Power	1588	(52,705)	(926)	(53,630)
RSVA - Global Adjustment	1589	(105,043)	(1,964)	(107,007)
Disposition and Recovery of Regulatory Balances (2019)	1595	(2,026)	(103)	(2,129)
Total for Group 1 accounts		(\$125,537)	(\$2,400)	(\$127,937)

The balance of each of the Group 1 accounts approved for disposition shall be transferred to the applicable principal and carrying charge sub-accounts of Account 1595. Such transfer shall be pursuant to the requirements specified in the *Accounting*

Procedures Handbook for Electricity Distributors.¹³ The date of the transfer must be the same as the effective date for the associated rates, which is generally the start of the rate year.

The OEB approves these balances to be disposed through final rate riders, charges, or payments, as calculated in the Rate Generator Model. The final rate riders, charges, and payments, as applicable, will be in effect over a one-year period from January 1, 2023, to December 31, 2023.¹⁴

¹³ Article 220, Account Descriptions, Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

¹⁴ 2023 IRM Rate Generator Model Tab 6.1 GA, Tab 6.2 CBR B, and Tab 7 Calculation of Def-Var RR

8. LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT

The OEB has historically utilized a Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) to capture a distributor's revenue implications resulting from differences between actual and forecast conservation and demand management (CDM) savings included in its last OEB-approved load forecast. The use of the LRAMVA is no longer the default approach for CDM activities.¹⁵

Distributors delivered CDM programs to their customers through the Conservation First Framework (CFF) that began on January 1, 2015, until March 20, 2019, when the CFF was revoked.¹⁶

Distributors filing an application for 2023 rates are required to seek disposition of all outstanding LRAMVA balances related to program savings related to CFF programs or other conservation programs they delivered, unless they do not have complete information on eligible program savings.¹⁷

Renfrew Hydro has applied to dispose of its LRAMVA debit balance of \$25,170. The balance consists of lost revenues from 2019 to 2022 from CDM programs delivered during the period from 2015 to 2020 and carrying charges. The actual conservation savings claimed by Renfrew Hydro under the CFF were validated with reports from the IESO, project level savings files, or both.

Actual conservation savings were compared against Renfrew Hydro's forecasted conservation savings of 1,573,384 kWh included in its last OEB-approved load forecast.¹⁸

Distributors are also eligible under the LRAM for persisting impacts of conservation programs until their next rebasing. The OEB provided direction for distributors to seek approval of LRAM-eligible amounts for 2023 onwards on a prospective basis, and a rate rider in the corresponding rate year, to address amounts that would otherwise be recorded in the LRAMVA for all years until their next rebasing application.¹⁹

¹⁵ Conservation and Demand Management Guidelines for Electricity Distributors, December 20, 2021, chapter 8.

¹⁶ On March 20, 2019 the Minister of Energy, Northern Development and Mines issued separate Directives to the OEB and the IESO.

¹⁷ Chapter 3 Filing Requirements, section 3.2.6.1

¹⁸ EB-2016-0166, Decision and Rate Order, February 9, 2017

¹⁹ [Guidance on Prospective Lost Revenue Adjustment Mechanism \(LRAM\) Amounts – 2023 Rates](#), June 16, 2022

Renfrew Hydro also applied for approval of LRAM-eligible amounts for the year 2023 on a prospective basis, arising from persisting savings from completed CDM programs.

Findings

The OEB finds that Renfrew Hydro's LRAMVA balance has been calculated in accordance with the OEB's CDM-related guidelines and updated LRAMVA policy. The OEB approves the disposition of Renfrew Hydro's LRAMVA debit balance of \$25,170, as set out in Table 8.1 below.

Table 8.1: LRAMVA Balance for Disposition

Account Name	Account Number	Actual CDM Savings (\$) A	Forecasted CDM Savings (\$) B	Carrying Charges (\$) C	Total Claim (\$) D=(A-B)+C
LRAMVA	1568	\$68,943	\$44,151	\$378	\$25,170

The OEB also approves the LRAM-eligible amount for the year 2023, arising from persisting savings from completed CDM programs. This amount will be recovered through a rate rider in the 2023 rate year. The OEB approves the requested LRAM-eligible amount of \$5,198²⁰ and the associated rate riders.

²⁰ This amount is arrived at by applying the applicant's approved rate adjustment (3.40%) for the 2023 rate year to the applicant's approved 2023 LRAM-eligible amount calculated based on the rates in effect for 2022 (\$5,027).

9. IMPLEMENTATION

This Decision is accompanied by a Rate Generator Model, applicable supporting models, and a Tariff of Rates and Charges (Schedule A). The Rate Generator Model also incorporates the rates set out in Table 9.1.

Table 9.1: Regulatory Charges

Rate	per kWh
Rural or Remote Electricity Rate Protection (RRRP)	\$0.0005
Wholesale Market Service (WMS) billed to Class A and B Customers	\$0.0030
Capacity Based Recovery (CBR) billed to Class B Customers	\$0.0004

Each of these rates is a component of the “Regulatory Charge” on a customer’s bill, established annually by the OEB through a separate, generic order. The RRRP, WMS, and CBR rates were set by the OEB on December 16, 2021 and July 12, 2022.²¹

The Smart Metering Entity Charge is a component of the “Distribution Charge” on a customer’s bill, established by the OEB through a separate order. The Smart Metering Entity Charge was set by the OEB at \$0.42 on September 8, 2022.²²

²¹ EB-2021-0300, Decision and Order, December 16, 2021 and EB-2021-0300, Supplemental Decision and Order, July 12, 2022

²² EB-2022-0137, Decision and Order, September 8, 2022

10. ORDER

THE ONTARIO ENERGY BOARD ORDERS THAT

1. The Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order is approved effective January 1, 2023, for electricity consumed or estimated to have been consumed on and after such date. Renfrew Hydro Inc. shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.

DATED at Toronto, December 8, 2022

ONTARIO ENERGY BOARD

Nancy Marconi
Registrar

SCHEDULE A
DECISION AND RATE ORDER
RENFREW HYDRO INC.
TARIFF OF RATES AND CHARGES
EB-2022-0060
DECEMBER 8, 2022

Renfrew Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2022-0060

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. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	27.93
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Low Voltage Service Rate	\$/kWh	0.0022
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023 Applicable only for Non-RPP Customers	\$/kWh	(0.0039)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until December 31, 2023	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kWh	(0.0002)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until December 31, 2023 Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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

Issued - December 8, 2022

Renfrew Hydro Inc.
TARIFF OF RATES AND CHARGES
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EB-2022-0060

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. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	35.17
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Distribution Volumetric Rate	\$/kWh	0.0173
Low Voltage Service Rate	\$/kWh	0.0020
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023 Applicable only for Non-RPP Customers	\$/kWh	(0.0039)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kWh	(0.0001)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until December 31, 2023 Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044

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

Renfrew Hydro Inc.
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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. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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 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	\$	223.20
Distribution Volumetric Rate	\$/kW	3.3767
Low Voltage Service Rate	\$/kW	0.7587
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023 Applicable only for Non-RPP Customers	\$/kWh	(0.0039)

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Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until December 31, 2023	\$/kW	0.2331
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	(0.0337)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until December 31, 2023 Applicable only for Class B Customers	\$/kW	(0.0572)
Rate Rider for Prospective LRAM Disposition (2023) - effective until December 31, 2023	\$/kW	0.0552
Retail Transmission Rate - Network Service Rate	\$/kW	2.8943
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6797

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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EB-2022-0060

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 customer will provide detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	23.44
Distribution Volumetric Rate	\$/kWh	0.0017
Low Voltage Service Rate	\$/kWh	0.0020
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023 Applicable only for Non-RPP Customers	\$/kWh	(0.0039)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until December 31, 2023	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kWh	(0.0001)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until December 31, 2023 Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044

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

Issued - December 8, 2022

Renfrew Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2022-0060

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. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.20
Distribution Volumetric Rate	\$/kW	4.6520
Low Voltage Service Rate	\$/kW	0.5865
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2023 Applicable only for Non-RPP Customers	\$/kWh	(0.0039)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until December 31, 2023	\$/kW	(0.7162)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	(0.0869)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until December 31, 2023 Applicable only for Class B Customers	\$/kW	(0.0536)
Rate Rider for Prospective LRAM Disposition (2023) - effective until December 31, 2023	\$/kW	(0.1892)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1828
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2986

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

Renfrew Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
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approved schedules of Rates, Charges and Loss Factors

EB-2022-0060

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
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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)

Renfrew Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
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EB-2022-0060

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
Account history	\$	15.00
Arrears certificate	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	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	\$	65.00

Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	36.05
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Renfrew Hydro Inc.
TARIFF OF RATES AND CHARGES
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EB-2022-0060

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	\$	111.66
Monthly fixed charge, per retailer	\$	44.67
Monthly variable charge, per customer, per retailer	\$/cust.	1.11
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.66
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.66)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.56
Processing fee, per request, applied to the requesting party	\$	1.11
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)	\$	4.47
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)	\$	2.23

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	1.0810
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0702