



RENFREW HYDRO INC.

ED-2002-0577

2023 IRM APPLICATION

EB-2022-0060

Rates Effective: January 1, 2023

Submitted on: August 3, 2022



Renfrew Hydro Inc.
B-499 O'Brien Road
Renfrew, ON K7V 3Z3
P-613-432-4884 F-613-432-7463



Renfrew Hydro Inc.
B-499 O'Brien Road
Renfrew, ON K7V 3Z3

August 3, 2022

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

Attention: Ms. Nancy Marconi, Registrar

Re: OEB File No. EB-2022-0060 - Renfrew Hydro Inc. - 2023 IRM Rate Application

Dear Ms. Marconi,

Renfrew Hydro Inc. is pleased to submit to the Ontario Energy Board its Application for Electricity and Distribution Rates and Charges effective January 1, 2023, prepared in accordance to the Board's Chapter 3 Filing Requirements (May 24, 2022).

Renfrew Hydro Inc.'s application is being filed pursuant to the Board's e-Filing Services, consisting of one (1) electronic copy of the application in searchable/unrestricted PDF format and one (1) electronic copy in Microsoft Excel format of the following complete IRM models:

2023 IRM Rate Generator Model
2023 GA Analysis Workform

Should the Board have questions regarding this matter please contact Steven Head at shead@renfrewhydro.com or myself at ljefferies@renfrewhydro.com.

Respectfully Submitted,

Lance Jefferies
President
Renfrew Hydro Inc.



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LEGAL APPLICATION

ONTARIO ENERGY BOARD

IN THE MATTER OF *the Ontario Energy Board Act, 1998, S.O.1998, c.15, (Schedule B);*

AND IN THE MATTER OF *an Application by Renfrew Hydro Inc. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity and related matters to be effective January 1, 2023.*

RENFREW HYDRO INC.
2023 IRM RATE APPLICATION

For New Rates to be Effective January 1, 2023



CONTACT INFORMATION

The primary contact for this Application is:

Lance Jefferies

President

Renfrew Hydro Inc.

B-499 O'Brien Road

Renfrew, ON K7V 3Z3

Email: ljefferies@renfrewhydro.com

Phone: 613-432-4884 ext. 224

The secondary contact for this application is:

Steven Head

Director of Finance

Renfrew Hydro Inc.

B-499 O'Brien Road,

Renfrew, ON K7V 3Z3

Email: shead@renfrewhydro.com

Phone: 613-432-4884 ext. 223

WEBSITE ADDRESS

This application and related documents can be viewed on our website:

Internet Address: www.renfrewhydro.com



MANAGER'S SUMMARY

1. Introduction

Renfrew Hydro Inc. ("RHI") hereby applies to the Ontario Energy Board (the "Board") for approval of its 2023 Distribution Rate Adjustments effective January 1, 2023. RHI applies for an Order or Orders approving the proposed distribution rates and other charges as set out in Appendix 2: Proposed Tariff Sheet, of this Application as just and reasonable rates and charges pursuant to Section 78 of the OEB Act.

RHI has followed Chapter 3 of the Board's Filing Requirements for Electricity and Distribution Rate Applications dated May 24, 2022 along with the Key References listed at Chapter 3 Incentive Rate-Setting Applications - Appendix B.

In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of January 1, 2023, RHI requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the decided implementation date of the approved 2023 distribution rates. If the effective date does not coincide with the Board's decided implementation date for 2023 distribution rates and charges, RHI requests to be permitted to recover the incremental revenue from the effective date to the implementation date.

RHI requests that this application be disposed of by way of a written hearing.

RHI reviewed both the existing "Tariff Sheets" and billing determinants in the pre-populated worksheets and confirms that they are accurate and agree with the most recent reported RRR filings. RHI also confirms that it has not revised any RRR data after it was incorporated in the models.

RHI attests that the utility, its shareholder and all its customer classes will be affected by the outcome of this application.



In the preparation of this application, RHI used the 2023 IRM Rate Generator Model updated July 21, 2022. The rates and other adjustments being applied for, and as calculated through the use of the above models, include a Price Cap Incentive Rate-Setting ("Price Cap IR") option to adjust the 2022 rates. (The Price Cap IR methodology provides for a mechanistic and formulaic adjustment to distribution rates and charges in the period between Cost of Service applications). The model also adjusts Retail Transmission Service Rates in accordance with Board Guideline G-2008-0001 - Electricity Distribution Retail Transmission Service Rates revised on June 28, 2012.

Throughout this Incentive Rate-Setting Application, RHI has provided information pertaining to changes in its rates. The issues to be addressed are as follows:

1. **Price Cap Adjustment:** RHI is requesting a Price Cap Adjustment increase of 3.00% in accordance with Chapter 3 of the Ontario Energy Board Filing Requirements for Electricity Distribution Rate Applications, issued May 24, 2022.
2. **RTSR Adjustments:** RHI is requesting updated rates for Retail Transmission Service Rates.
3. **Deferral and Variance Accounts:** RHI is requesting disposal of its Deferral and Variance Accounts as the balance exceeds the threshold amount.
4. **Specific Service Charge and Loss Factors:** RHI is requesting the continuance of the Specific Service Charges and Loss Factor as approved in the 2017 Cost of Service Application (2016-0166).
5. **Tax Change:** RHI is not applying for a tax change rate rider, as the allocated tax sharing amount did not produce a rate rider. RHI proposes to transfer the entire OEB-approved tax sharing amount into account 1595 for disposition at a later date.
6. **ICM/ACM:** RHI is not applying for an Incremental or Advanced Capital Module cost recovery rate rider.
7. **Z-Factor:** RHI is not applying for a Z-Factor.



2. Distributor's Profile

Renfrew Hydro Inc. (RHI) is a licensed electricity distributor operating pursuant to electricity distribution license ED-2002-0577. RHI was incorporated under the Ontario Business Corporation Act on July 6th, 2000, and is 100% owned by the Town of Renfrew. RHI's urban service area is completely contained within the municipal boundaries of the Town of Renfrew. The area is embedded within the service territory of Hydro One Networks Inc.

RHI provides electrical distribution services to approximately 4,364 residential and commercial customers in its service area, which covers approximately 12.77 square kilometers.

RHI's distribution system is supplied by Hydro One Networks Inc.'s ("HONI") transmission system, primarily supplied from the Stewartville TS at a voltage level of 44 kV via the 10M3 feeder and 2 backup supply feeders (Stewartville 10M1 and Cobden 23M2). Sub-transmission feeders supply the distribution substations at a voltage of 44kV. The distribution system contains 5 distribution substations transforming voltage from 44 kV to 4.160 kV, where they supply feeders owned by RHI for wide-area distribution to residential and commercial customers.

As of end of December 2021, RHI relied on approximately 81 km of circuits to deliver 83,890,856 kWh of energy to approximately 4,364 customers. The circuits can be broken down into roughly 73 km of overhead lines and 8 km of underground conductor.

As of December 31, 2021 RHI had two (2) Class A customers.

RHI last filed for a Cost of Service application in 2016 for rates effective January 1, 2017 (EB-2016-0166).



3. Publication of Notice

RHI is proposing that any required notices related to this Application appear in The Renfrew Mercury, which is a free publication circulated in RHI's service area.

The Renfrew Mercury/Star Metroland Media

35 Opeongo Rd

Renfrew, ON K7V 2T2

Phone # 613-432-3655



4. Annual Rate Adjustment: Price Cap Adjustment

Annual Adjustment Mechanism

RHI's annual rate adjustment request follows the OEB-approved formula that includes components for inflation and the OEB's expectations of efficiency and productivity gains. The components in the formula are also approved by the OEB annually. The formula is a rate adjustment equal to the inflation factor minus the distributor's X-factor.

Inflation Factor

In its Report of the Board: Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors the OEB adopted a two factor industry-specific price index methodology. The inflation factor is based on two weighted price indicators (labour and non-labour) which provide an input price that reflects Ontario's electricity Industry.

X-factor

The X-factor has two parts: a productivity factor and a stretch factor. The OEB has determined that the appropriate value for the productivity factor (industry total factor productivity) for the Price Cap IR and Annual IR Index is zero. For the stretch factor, distributors will be assigned into one of five groups ranging from 0.00% to 0.6%. The most efficient distributor, based on the cost evaluation ranking, would be assigned the lowest stretch factor of 0.0%

RHI has used the 2022 rate-setting parameters in the 2023 IRM Rate Generator Model as a placeholder and understands Board staff will update the model once the 2023 price cap parameters are available.

The price cap adjustment RHI used in the 2023 Rate Generator is 3.00%. This calculation is based upon a price escalator of 3.30%, a productivity factor of 0.00%, and a stretch factor of 0.30%.



Table 1: RHI Price Cap Parameters

Stretch Factor Group	III
Price Escalator	3.30%
Stretch Factor Value	0.30%
Productivity Factor	0.00%
Price Cap Index	3.00%

Application of the Annual Adjustment Mechanism

The annual adjustment mechanism applies to distribution rates (fixed and variable charges) uniformly across customer rate classes. It is applied to RHI's current Board approved rates.

The derivation of RHI's proposed 2023 Electricity Distribution Rates is proved in Tab "16. Rev2Cost_GDPIPI" of the Rate Generator Model, filed along with this application. RHI seeks board approval for the proposed distribution rates identified in the table below, effective January 1, 2023.

Table 2: Current vs Proposed Distribution Rates

Rate Class	Current Monthly Fixed Charge \$/Month	Proposed Monthly Fixed Charge \$/Month	Change \$/Month	Current Volumetric Charge	Proposed Volumetric Charge	Change	
Residential Service	27.01	27.82	.81	0.0000	0.0000	0.0000	\$/kWh
General Service Less Than 50 kW Service	34.01	35.03	1.02	0.0167	0.0172	0.0005	\$/kWh
General Service 50 To 4,999 kW Service	215.86	222.34	6.48	3.2657	3.3637	0.0980	\$/kW
Unmetered Scattered Load Service	22.67	23.35	.68	0.0016	0.0016	0.0000	\$/kWh
Street Lighting Service	2.13	2.19	.06	4.4990	4.6340	0.1350	\$/kW



The annual price cap adjustment mechanism will not be applied to the following:

- Rate Adders and Riders
- Low Voltage Service Charges
- Retail Transmission Service Rates
- Wholesale Market Service Rate
- Rural and Remote Rate Protection Benefit and Charge
- Standard Supply Service – Administrative Charge
- Capacity Based Recovery
- MicroFIT Service Charge
- Specific Service Charges
- Smart Metering Entity Charge
- Transformation and Primary Metering Allowances



5. Revenue to Cost Ratio Adjustments

Revenue to cost ratios measure the relationship between the revenues expected from a class of customers and the level of costs associated to that class. The Board has established target ratio ranges for Ontario electricity distributors in its Review of Electricity Distribution Cost Allocation Policy (EB-2012-0219), dated March 31, 2011. In RHI's 2017 Cost of Service Rate Application Decision (EB-2016-0166), RHI was directed to follow the approach of moving customers whose revenue-to-cost ratios that are above or below the approved ranges, to the lower and upper boundaries of their applicable ranges. Adjustments were to be made to the lowest or highest classes within their ranges as necessary to maintain revenue neutrality.

The OEB approved a three-year transition period for the adjustments to Revenue-to-Cost Ratios as contained in the 2017 Cost of Service settlement proposal for General Service >50, Street Lighting, and Unmetered Scattered Load customers to the Board's minimum policy target range. The adjustments summarized below were completed in 2017, 2018, and 2019. **No further adjustments are being requested for 2023.**

Table 3: Revenue to Cost Ratios

Class	Proposed Revenue-to-Cost Ratios			Policy Range
	2017	2018	2019	
	%	%	%	%
Residential	95.63	95.63	95.63	85 - 115
General Service < 50 kW	120.07	120.07	120.07	80 - 120
General Service > 50 kW	92.69	96.70	97.30	80 - 120
Unmetered Scattered Load	220.09	160.000	120.000	80 - 120
Street Lighting	160.00	120.000	120.000	85 - 115



6. Rate Design for Residential Electricity

On April 2, 2015, the OEB released Board Policy, EB-2014-0210, *A New Distribution Rate Design for Residential Electricity Consumers*. The report requires electricity distributors to transition to a fully fixed monthly distribution service charge for residential customers over a four-year period. RHI completed the four year transition in 2020.



7. Electricity Distribution Retail Transmission Service Rates - RTSR Adjustments

RHI is applying for an adjustment of its Retail Transmission Service Rates (RTSR) based on a comparison of historical transmission costs adjusted for new Hydro One Sub-Transmission Rates levels and revenues generated from existing RTSRs. This approach is expected to minimize variances in the USoA Accounts 1584 and 1586.

RHI used the RTSR Adjustment Worksheets embedded in the IRM Model to determine the proposed adjustments to the RTSR approved in 2022 IRM. The Loss Factor applied to the metered kWh is the actual Board-approved 2017 Loss Factor (EB-2016-0166).

The proposed adjustments of the RTSRs are shown in the tables below and the detailed calculations can be found in the 2023 IRM Model filed in conjunction with this application. RHI understands that OEB staff will adjust each distributor's 2023 RTSR section, once the January 1, 2023 sub-transmission adjustments have been determined.

Table 3: Proposed Network Service Rate

Rate Class	Unit	Current RTSR- Network	Proposed RTSR- Network	Change
Residential Service	\$/kWh	0.0062	0.0078	0.0016
General Service Less Than 50 kW Service	\$/kWh	0.0056	0.0070	0.0014
General Service 50 To 4,999 kW Service	\$/kW	2.3094	2.8943	0.5849
Unmetered Scattered Load Service	\$/kWh	0.0056	0.0070	0.0014
Street Lighting Service	\$/kW	1.7417	2.1828	0.4411

Table 4: Proposed Line and Transformation Connection Service Rate

Rate Class	Unit	Current RTSR- Connection	Proposed RTSR- Connection	Change
Residential Service	\$/kWh	0.0047	0.0048	0.0001
General Service Less Than 50 kW Service	\$/kWh	0.0043	0.0044	0.0001
General Service 50 To 4,999 kW Service	\$/kW	1.6409	1.6797	0.0388
Unmetered Scattered Load Service	\$/kWh	0.0043	0.0044	0.0001
Street Lighting Service	\$/kW	1.2686	1.2986	0.0300



8. Disposition of Group 1 Deferral and Variance Account Balances

Chapter 3 of the Board's Filing Requirements and the *Report of the Board on Electricity Distributors' Deferral and Variance Account Review Report* (the "EDDVAR Report") provides that under the Price Cap IR, the distributor's Group 1 audited account balances will be reviewed and disposed of, if the pre-set disposition threshold \$0.001 per kWh (debit or credit) is exceeded. Distributors must file in the application Group 1 balances as at December 31, 2021 to determine if the threshold has been exceeded. RHI has completed the Board's 2023 IRM Rate Generator Tab 3: Continuity Schedule for up to the year ending 2021, with projected interest to December 31, 2022. Actual interest has been calculated based on the Board's prescribed rates. Projected interest for the period January 1, 2022 to December 31, 2022 is based upon the Board prescribed rate of 0.57% for Q1, 1.02% for Q2, and 2.20% for the remainder of the year. Deferral and RSVA balances as of December 31, 2021 match the 2021 Audited Financial Statements and the RRR balances filed for December 31, 2021.

The balance of RHI's Group 1 Deferral and Variance accounts total \$(127,937), or \$(0.0015) per kWh. Since this exceeds the pre-set disposition threshold of \$0.001 per kWh, RHI is requesting disposal of its Group 1 deferral and variance account in this proceeding. The default disposition period of one year has been used to calculate the rate riders. A summary of the account balances are provided the table below.

Table 5: Deferral and Variance Account Balances

Group 1 Accounts	USoA	Principal	Interest to 31-Dec-22	Total Balance
LV Variance Account	1550	116,158	2,047	118,205
Smart Metering Entity Charge Variance Account	1551	(2,187)	(36)	(2,223)
RSVA - Wholesale Market Service Charge	1580	(56,032)	(995)	(57,027)
RSVA Wholesale Market Service Charge - 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 (Excluding Global Adjustment)	1588	(52,705)	(926)	(53,630)
RSVA - Power Sub-account - Global Adjustment)	1589	(105,043)	(1,964)	(107,007)
Disposition and Recovery/Refund of Regulatory Balances (2019)	1595	(2,026)	(103)	(2,129)
Group 1 Total (including Account 1589 - Global Adjustment)		(125,537)	(2,400)	(127,937)



RHI confirms no adjustments were made to any deferral and variance account (DVA) balances previously approved by the OEB on a final or interim basis.

Table 6: Proposed Group 1 Deferral and Variance Account Rate Riders

Group 1 Deferral and Variance Account Rate Riders (Excluding GA and CBR)					
Rate Class	Unit	Total Metered kWh	Total Metered kW	Allocation of Group 1 Account Balances To all Classes	Deferral/Variance Account Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	30,880,817		(5,316)	(.0002)
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	11,040,455		(1,354)	(.0001)
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	KW	41,367,498	100,013	(3,374)	(.0337)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	269,519		(36)	(.0001)
STREET LIGHTING SERVICE CLASSIFICATION	KW	332,567	951	(83)	(.0869)
				(10,162)	

Rate Rider for Disposition of Global Adjustment (GA) Account					
Rate Class	Unit	Total Metered kWh		Allocation of Group 1 - GA Account Balances To all Classes	Global Adjustment Account Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	374,607		(1,469)	(.0039)
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	2,482,032		(9,734)	(.0039)
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	23,827,015		(93,442)	(.0039)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	269,519		(1,057)	(.0039)
STREET LIGHTING SERVICE CLASSIFICATION	kWh	332,567		(1,304)	(.0039)
				(107,007)	

Rate Rider for Disposition of Capacity Based Recovery (CBR) Account					
Rate Class	Unit	Total Metered kWh		Allocation of Group 1 - CBR Account Balances To all Classes	CBR Account Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	30,880,817		(4,706)	(.0002)
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	11,040,455		(1,682)	(.0002)
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	KW	28,143,085	74,985.00	(4,289)	(.0572)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	269,519		(41)	(.0002)
STREET LIGHTING SERVICE CLASSIFICATION	KW	332,567	951.00	(51)	(.0536)
				(10,769)	

Total of All Group 1 Balances Requested for Disposition				(127,937)	
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9. Wholesale Market Participants

A Wholesale Market Participant (“WMP”) refers to any entity that participates directly in any of the Independent Electricity System Operator (“IESO”) administered markets; and therefore should not be allocated balances related to transmission network and connection charges and disposition/refund of regulatory balances. RHI confirms that none of its customers are WMPs and therefore separate rate riders do not apply.

10. Specific Service Charge and Loss Factors

RHI is applying to continue the Specific Service Charges and Loss Factor as approved by the Board in the 2017 Cost of Service (EB-2016-0166).

11. Class A and Class B Customers

The majority of RHI’s customers are Class B customers. These customers pay the global adjustment (“GA”) charge based on the amount of electricity they consume in a month (kWh). Within the Class B group, there are two categories of customers: RPP customers who pay an RPP rate which has a built in GA adjustment component and the remaining non-RPP customers who pay the Hourly Ontario Electricity Price, and a monthly GA price listed separately on their bill. RHI uses the GA first estimate to bill its non-RPP Class B customers, and to calculate and record unbilled revenues. This treatment is applicable for all customer classes.

For Class B customers, RSVA Account 1589 captures the difference between the GA amounts billed to non-RPP customers and the actual GA amount paid by the distributor for those customers to the IESO or host distributor. This is the variance between the final rate for GA and what is billed to customers using the First Estimate loaded into the billing system.



Customers who participate in the Industrial Conservation Initiative (ICI) are referred to as Class A customers and pay GA based on their percentage contribution to the top five peak Ontario demand hours (i.e. peak demand factor) over a 12-month period. RHI's two (2) Class A customers opted in effective July 1, 2017. These customers are billed actual costs and have therefore not contributed to any of the balance accumulated in 1589 RSVA GA for the period they were Class A customers. A separate rate rider was calculated in the 2020 IRM for these two Class A customers that contributed to the balances in 1589 because they transitioned from Class B to Class A during the time the balance accumulated. RHI's two Class A customers have not contributed to the current balance in 1589 RSVA GA as listed in Table 5.

12. Commodity Accounts 1588 and 1589

On February 21, 2019, the OEB issued a letter providing accounting guidance related to Accounts 1588 Power, and 1589 RSVA Global Adjustment. This accounting guidance was effective January 1, 2019 and was to be implemented by August 31, 2019. Based on this, the OEB expects that all transactions recorded in these accounts during 2019 will have been accounted for in accordance with this guidance. RHI confirms that it has fully implemented the OEB's February 21, 2019 guidance effective from January 1, 2019. RHI also considered this accounting guidance in the context of historical pre-2019 balances that were disposed of on an interim basis. RHI confirms the transactions recorded in these accounts were in accordance with this guidance. RHI received final approval of its 2019 historical balances in its 2021 IRM proceeding.

13. Global Adjustment (GA) Analysis Workform

All distributors are required to complete and submit a GA Analysis Workform for each year that has not previously been approved by the OEB for disposition (on an interim or final basis). The GA Analysis Workform helps the OEB to assess if the total annual variance that is recorded to Account 1589 is reasonable. The Workform compares the actual general ledger transactions recorded during the year to an expected balance that is calculated based on monthly GA volumes, revenues and costs. To further support a conclusion that GA charges have been appropriately



allocated between customer classes, the Workform also contains a tab to perform a reasonability test for Account 1588.

RHI has completed the Board's Account 1589 Global Adjustment Analysis Workform filed along with this application which shows minimal unresolved differences from expected results. The differences reflect a discrepancy that is less than +/- 1% of the total annual GA charges. RHI has completed the Account 1588 tab in the Workform and the results also reflect a difference of less than 1%.

14. Capacity Based Recovery (CBR)

RHI confirms that it follows the OEB Accounting Guidance on CBR issued by the Board on July 25, 2016. RHI bills its Class A customers their share of the monthly Ontario-wide total Capacity Based Recovery amount costs by the customer's Peak Demand Factor. These revenues match the costs, as charged to RHI from its host distributor.

RHI records WMS revenues for CBR on all consumption effective January 1, 2016 and onwards for Class B customers. The variance between the revenue billed to customers for Class B CBR and the costs are tracked in Account 1580 WMS Sub Account CBR Class B. RHI reported the Class A consumption in the model to ensure the rate rider calculation to dispose of the balance in Account 1580, Sub-account CBR Class B is allocated to only those customers that contributed to the variance in the account (Class B portion only). RHI confirms there were no customers that transitioned between Class A and Class B during the period when the current Account 1580, Sub-account CBR Class B balance accumulated.



15. Disposition of Account 1595

LDCs are only eligible to seek disposition of the 1595 residual balances two years after the expiry of the rate rider as identified in the Chapter 3 filing requirements. The earliest balance for which RHI could seek disposition is Account 1595 (2019) for which the rate rider expired on December 31, 2019. RHI is requesting the disposal of Account 1595 (2019) which is eligible for disposition. The only balance in 1595 (2019) is the 50% Tax Sharing balance of \$(2,026) from EB-2018-0064 plus interest for a total disposal amount of (2,129). The 1595 (2020) residual balances are not yet eligible for disposition.

RHI confirms that residual balances in Account 1595 Sub-accounts for each vintage year have only been disposed of once.

16. Lost Revenue Adjustment Mechanism Variance Account

In accordance with the Board's Guideline for Electricity Distributor Conservation and Demand Management (EB-2012-0003) issued on April 26, 2012, at minimum, distributors must apply for disposition of the balance of the LRAMVA at the time of their Cost-of-Service rate application if the balance is deemed significant by the applicant.

RHI last disposed of the principal balance in account 1568 in its 2020 rate application.

RHI is not applying for disposition as part of this proceeding.

The 2021 CDM Guidelines indicate that distributors may request the use of the LRAMVA for distribution-rate funded CDM activities of LIP activities on a case-by-case basis. RHI is not requesting an LRAMVA for either of these activities.



17. Tax Changes

OEB policy, as described in the OEB's 2008 report entitled Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors, prescribes a 50/50 sharing of impacts of legislated tax changes from distributors' tax rates embedded in its OEB approved base rate known at the time of the application. These amounts will be refunded to or recovered from customers over a 12-month period. RHI has completed the shared tax savings worksheet to determine if amounts should be refunded to or recovered from customers as a result of tax changes implemented since the 2017 Cost of Service Application (EB-2016-0166). As indicated in the tax savings worksheets contained within the 2023 IRM Rate Generator model, the combined tax rate will decrease from 15.00% (2017) to 12.20% for 2023. The change in the tax rate resulted in an incremental tax savings of (\$4,524). The 50% sharing on this tax change would be (\$2,262) and should be refunded to RHI customers. Since this allocated tax sharing amount was not large enough to produce a rate rider, RHI proposes to transfer the entire OEB-approved tax sharing amount into account 1595 for disposition at a later date.

18. ICM/ACM

RHI is not applying for a recovery of Incremental or Advanced Capital in this proceeding.

19. Z-Factor

Distributors under a Price Cap IR or Annual IR Index rate-setting plan may request to recover costs associated with unforeseen events that are outside the control of a distributor's ability to manage. This is referred to as a claim or a "Z-factor" event. RHI is not applying for a recovery of Z-Factor in this proceeding.



20. Bill Impacts

The table below summarizes the proposed bill impacts as calculated at Sheet 20 of the model.

Table 7: Summary of Monthly Bill Impacts

Rate Class	Usage		Current Rates	2023 Proposed Rates Total Bill	\$	%
	kWh	kW	Total Bill		Difference	Difference
Residential - RPP	750		119.46	121.99	2.53	2.12%
Residential - non-RPP	750		133.16	133.85	.69	0.52%
Residential - RPP - 10th percentile	307		64.60	66.10	1.50	2.32%
Residential - non-RPP - 10th percentile	307		72.82	73.65	.83	1.14%
GS<50 kW - RPP	2,000		310.58	316.98	6.40	2.06%
GS <50 kW - non-RPP	2,000		346.17	347.59	1.42	0.41%
GS 50 to 4,999 kW	82,078	198	11,912.92	11,901.43	(11.49)	-0.10%
Unmetered Scattered Load	607		108.79	109.30	.51	0.47%
Street Lighting	27,714	79	7,360.58	7,430.89	70.31	0.96%

Detailed bill impacts for each rate class are provided in Appendix 3.

In the above **Table 7**, RHI included bill impacts for its Residential customers that represent the 10th consumption percentile. To calculate this, RHI extracted the 2021 actual average monthly residential kWh usage from the customer database, filtering out customers that had less than 12 months of consumption and those that used less than 50 kWh per month. The data was sorted to determine 10% of the total RHI residential customer count with the lowest average usage. The results indicated that 10% of RHI's residential customers use 307 kWh per month or less.

The total bill impact of the elements proposed in this application for all customers classes, including the RPP customers consuming at the 10th percentile is below 10%, and as a result no rate mitigation plans are necessary in this application.



21.2017 RRWF

The Revenue Requirement Workform from RHI's 2017 Cost of Service Application (EB-2016-0166) is presented at Appendix 4.

~Respectfully Submitted~



CERTIFICATION OF THE EVIDENCE

General Certification

As President of Renfrew Hydro Inc. (RHI) I certify that, to the best of my knowledge, the evidence filed in RHI's 2023 Incentive Rate-Setting Application is accurate, complete, and consistent with the requirements of the Chapter 3 Filing Requirements for Electricity Distribution Rate Applications, May 24, 2022.

Certification of Deferral and Variance Account Balances

As President of Renfrew Hydro Inc. (RHI) I also confirm that there are robust processes and internal controls in place for the preparation, review, verification and oversight of all deferral and variance accounts, regardless of whether the accounts are proposed for disposition.

Certification Regarding Personal Information

As President of Renfrew Hydro Inc. (RHI) I certify, that to the best of my knowledge, the application and any evidence filed in support of the application does not include any personal information, as identified in the certification requirements for personal information in Chapter 1 of the filing requirements.

Lance Jefferies
President
Renfrew Hydro Inc.
Email: ljefferies@renfrewhydro.com
Telephone: 613-432-4884 ext. 224
Fax: 613-432-7463



Appendix 1: Current Tariff Sheet

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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

EB-2021-0055

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	\$	27.01
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0022
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0008)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

MONTHLY RATES AND CHARGES - Regulatory Component

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

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

EB-2021-0055

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	\$	34.01
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0167
Low Voltage Service Rate	\$/kWh	0.0020
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0008)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0056
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0043

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, 2022

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

EB-2021-0055

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	\$	215.86
Distribution Volumetric Rate	\$/kW	3.2657
Low Voltage Service Rate	\$/kW	0.7587
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.3411)

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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EB-2021-0055

Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022		
Applicable only for Class B Customers	\$/kW	(0.0633)
Retail Transmission Rate - Network Service Rate	\$/kW	2.3094
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6409

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, 2022

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EB-2021-0055

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)	\$	22.67
Distribution Volumetric Rate	\$/kWh	0.0016
Low Voltage Service Rate	\$/kWh	0.0020
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kWh	(0.0008)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0056
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0043

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, 2022

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EB-2021-0055

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)	\$	2.13
Distribution Volumetric Rate	\$/kW	4.4990
Low Voltage Service Rate	\$/kW	0.5865
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	\$/kW	(0.2808)
Rate Rider for Disposition of Capacity Based Recovery Account (2022) - effective until December 31, 2022 Applicable only for Class B Customers	\$/kW	(0.0564)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7417
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2686

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, 2022

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

EB-2021-0055

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, 2022

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

EB-2021-0055

SPECIFIC SERVICE CHARGES

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

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

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Customer Administration

Easement letter	\$	15.00
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) - Approved on an Interim Basis	\$	44.50
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Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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

EB-2021-0055

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



Appendix 2: Proposed Tariff Sheet

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.

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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	\$	27.82
Smart Metering Entity Charge - effective until December 31, 2023	\$	0.43
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 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

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

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	35.03
Smart Metering Entity Charge - effective until December 31, 2023	\$	0.43
Distribution Volumetric Rate	\$/kWh	0.0172
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.
TARIFF OF RATES AND CHARGES
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approved schedules of Rates, Charges and Loss Factors

EB-2022-0060

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	\$	222.34
Distribution Volumetric Rate	\$/kW	3.3637
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)

Renfrew Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2023

**This schedule supersedes and replaces all previously
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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)
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

Renfrew Hydro Inc.
TARIFF OF RATES AND CHARGES
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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)	\$	23.35
Distribution Volumetric Rate	\$/kWh	0.0016
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

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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. 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)	\$	2.19
Distribution Volumetric Rate	\$/kW	4.6340
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 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)
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

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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 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.

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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	\$	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)

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

Renfrew Hydro Inc.

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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) - Approved on an Interim Basis	\$	35.52
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RETAIL SERVICE CHARGES (if applicable)

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

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

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

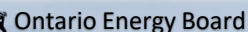
LOSS FACTORS

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	1.081
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0702



Appendix 3: Bill Impacts



Incentive Rate-setting Mechanism Rate Generator for 2023 Filers

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

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of June 2022 of **\$0.0967/kWh** (IESO's [Monthly Market Report for April 2022](#)) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

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

Table 1

[illegible]

Table 2

[illegible]

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0810		
Proposed/Approved Loss Factor	1.0810		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.01	1	\$ 27.01	\$ 27.82	1	\$ 27.82	\$ 0.81	3.00%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 27.01			\$ 27.82	\$ 0.81	3.00%
Line Losses on Cost of Power	\$ 0.1034	61	\$ 6.28	\$ 0.1034	61	\$ 6.28	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0008	750	\$ (0.60)	-\$ 0.0002	750	\$ (0.15)	\$ 0.45	-75.00%
CBR Class B Rate Riders	-\$ 0.0002	750	\$ (0.15)	-\$ 0.0002	750	\$ (0.15)	\$ -	0.00%
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0022	750	\$ 1.65	\$ 0.0022	750	\$ 1.65	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.43	1	\$ 0.43	\$ 0.43	1	\$ 0.43	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 34.62			\$ 35.88	\$ 1.26	3.64%
RTSR - Network	\$ 0.0062	811	\$ 5.03	\$ 0.0078	811	\$ 6.32	\$ 1.30	25.81%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0047	811	\$ 3.81	\$ 0.0048	811	\$ 3.89	\$ 0.08	2.13%
Sub-Total C - Delivery (including Sub-Total B)			\$ 43.46			\$ 46.10	\$ 2.64	6.07%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	811	\$ 2.76	\$ 0.0034	811	\$ 2.76	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	811	\$ 0.41	\$ 0.0005	811	\$ 0.41	\$ -	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%
Total Bill on TOU (before Taxes)			\$ 124.44			\$ 127.08	\$ 2.64	2.12%
HST	13%		\$ 16.18	13%		\$ 16.52	\$ 0.34	2.12%
Ontario Electricity Rebate	17.0%		\$ (21.15)	17.0%		\$ (21.60)	\$ (0.45)	
Total Bill on TOU			\$ 119.46			\$ 121.99	\$ 2.53	2.12%

In the manager's summary, discuss the reas.

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 34.01	1	\$ 34.01	\$ 35.03	1	\$ 35.03	\$ 1.02	3.00%
Distribution Volumetric Rate	\$ 0.0167	2000	\$ 33.40	\$ 0.0172	2000	\$ 34.40	\$ 1.00	2.99%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 67.41			\$ 69.43	\$ 2.02	3.00%
Line Losses on Cost of Power	\$ 0.1034	162	\$ 16.75	\$ 0.1034	162	\$ 16.75	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0008	2,000	\$ (1.60)	\$ 0.0001	2,000	\$ (0.20)	\$ 1.40	-87.50%
CBR Class B Rate Riders	\$ 0.0002	2,000	\$ (0.40)	\$ 0.0002	2,000	\$ (0.40)	\$ -	0.00%
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0020	2,000	\$ 4.00	\$ 0.0020	2,000	\$ 4.00	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.43	1	\$ 0.43	\$ 0.43	1	\$ 0.43	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 86.59			\$ 90.01	\$ 3.42	3.95%
RTSR - Network	\$ 0.0056	2,162	\$ 12.11	\$ 0.0070	2,162	\$ 15.13	\$ 3.03	25.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0043	2,162	\$ 9.30	\$ 0.0044	2,162	\$ 9.51	\$ 0.22	2.33%
Sub-Total C - Delivery (including Sub-Total B)			\$ 108.00			\$ 114.66	\$ 6.66	6.17%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,162	\$ 7.35	\$ 0.0034	2,162	\$ 7.35	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,162	\$ 1.08	\$ 0.0005	2,162	\$ 1.08	\$ -	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%
Total Bill on TOU (before Taxes)			\$ 323.52			\$ 330.18	\$ 6.66	2.06%
HST	13%		\$ 42.06	13%		\$ 42.92	\$ 0.87	2.06%
Ontario Electricity Rebate	17.0%		\$ (55.00)	17.0%		\$ (56.13)	\$ (1.13)	
Total Bill on TOU			\$ 310.58			\$ 316.98	\$ 6.40	2.06%

In the manager's summary, discuss the reas.

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	82,078	kWh
Demand	198	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 215.86	1	\$ 215.86	\$ 222.34	1	\$ 222.34	\$ 6.48	3.00%
Distribution Volumetric Rate	\$ 3.2657	198	\$ 646.61	\$ 3.3637	198	\$ 666.01	\$ 19.40	3.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	198	\$ -	\$ -	198	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 862.47			\$ 888.35	\$ 25.88	3.00%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.3411	198	\$ (67.54)	-\$ 0.0337	198	\$ (6.67)	\$ 60.87	-90.12%
CBR Class B Rate Riders	-\$ 0.0633	198	\$ (12.53)	-\$ 0.0572	198	\$ (11.33)	\$ 1.21	-9.64%
GA Rate Riders	-\$ 0.0012	82,078	\$ (98.49)	-\$ 0.0039	82,078	\$ (320.10)	\$ (221.61)	225.00%
Low Voltage Service Charge	\$ 0.7587	198	\$ 150.22	\$ 0.7587	198	\$ 150.22	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	198	\$ -	\$ -	198	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 834.13			\$ 700.47	\$ (133.65)	-16.02%
RTSR - Network	\$ 2.3094	198	\$ 457.26	\$ 2.8943	198	\$ 573.07	\$ 115.81	25.33%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.6409	198	\$ 324.90	\$ 1.6797	198	\$ 332.58	\$ 7.68	2.36%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,616.29			\$ 1,606.12	\$ (10.16)	-0.63%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	88,726	\$ 301.67	\$ 0.0034	88,726	\$ 301.67	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	88,726	\$ 44.36	\$ 0.0005	88,726	\$ 44.36	\$ -	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	88,726	\$ 8,579.83	\$ 0.0967	88,726	\$ 8,579.83	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 10,542.40			\$ 10,532.24	\$ (10.16)	-0.10%
HST	13%		\$ 1,370.51	13%		\$ 1,369.19	\$ (1.32)	-0.10%
Ontario Electricity Rebate	17.0%		\$ -	17.0%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 11,912.92			\$ 11,901.43	\$ (11.48)	-0.10%

In the manager's summary, discuss the reas.

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP / Other	
Consumption	607	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.67	1	\$ 22.67	\$ 23.35	1	\$ 23.35	\$ 0.68	3.00%
Distribution Volumetric Rate	\$ 0.0016	607	\$ 0.97	\$ 0.0016	607	\$ 0.97	\$ -	0.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	607	\$ -	\$ -	607	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 23.64			\$ 24.32	\$ 0.68	2.88%
Line Losses on Cost of Power	\$ 0.0967	49	\$ 4.75	\$ 0.0967	49	\$ 4.75	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0008	607	\$ (0.49)	-\$ 0.0001	607	\$ (0.06)	\$ 0.42	-87.50%
CBR Class B Rate Riders	-\$ 0.0002	607	\$ (0.12)	-\$ 0.0002	607	\$ (0.12)	\$ -	0.00%
GA Rate Riders	-\$ 0.0012	607	\$ (0.73)	-\$ 0.0039	607	\$ (2.37)	\$ (1.64)	225.00%
Low Voltage Service Charge	\$ 0.0020	607	\$ 1.21	\$ 0.0020	607	\$ 1.21	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	607	\$ -	\$ -	607	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 28.27			\$ 27.74	\$ (0.53)	-1.89%
RTSR - Network	\$ 0.0056	656	\$ 3.67	\$ 0.0070	656	\$ 4.59	\$ 0.92	25.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0043	656	\$ 2.82	\$ 0.0044	656	\$ 2.89	\$ 0.07	2.33%
Sub-Total C - Delivery (including Sub-Total B)			\$ 34.77			\$ 35.22	\$ 0.45	1.29%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	656	\$ 2.23	\$ 0.0034	656	\$ 2.23	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	656	\$ 0.33	\$ 0.0005	656	\$ 0.33	\$ -	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	607	\$ 58.70	\$ 0.0967	607	\$ 58.70	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 96.28			\$ 96.73	\$ 0.45	0.47%
HST 13%			\$ 12.52	13%		\$ 12.57	\$ 0.06	0.47%
Ontario Electricity Rebate 17.0%			\$ (16.37)	17.0%		\$ (16.44)	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 108.79			\$ 109.30	\$ 0.51	0.47%

In the manager's summary, discuss the reas.

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	27,714	kWh
Demand	79	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2.13	1227	\$ 2,613.51	\$ 2.19	1227	\$ 2,687.13	\$ 73.62	2.82%
Distribution Volumetric Rate	\$ 4.4990	79	\$ 355.42	\$ 4.6340	79	\$ 366.09	\$ 10.67	3.00%
Fixed Rate Riders	\$ -	1227	\$ -	\$ -	1227	\$ -	\$ -	
Volumetric Rate Riders	\$ -	79	\$ -	\$ -	79	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 2,968.93			\$ 3,053.22	\$ 84.29	2.84%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.2808	79	\$ (22.18)	-\$ 0.0869	79	\$ (6.87)	\$ 15.32	-69.05%
CBR Class B Rate Riders	-\$ 0.0564	79	\$ (4.46)	-\$ 0.0536	79	\$ (4.23)	\$ 0.22	-4.96%
GA Rate Riders	-\$ 0.0012	27,714	\$ (33.26)	-\$ 0.0039	27,714	\$ (108.08)	\$ (74.83)	225.00%
Low Voltage Service Charge	\$ 0.5865	79	\$ 46.33	\$ 0.5865	79	\$ 46.33	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1227	\$ -	\$ -	1227	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1227	\$ -	\$ -	1227	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	79	\$ -	\$ -	79	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 2,955.37			\$ 2,980.37	\$ 25.00	0.85%
RTSR - Network	\$ 1.7417	79	\$ 137.59	\$ 2.1828	79	\$ 172.44	\$ 34.85	25.33%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.2686	79	\$ 100.22	\$ 1.2986	79	\$ 102.59	\$ 2.37	2.36%
Sub-Total C - Delivery (including Sub-Total B)			\$ 3,193.18			\$ 3,255.40	\$ 62.21	1.95%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	29,959	\$ 101.86	\$ 0.0034	29,959	\$ 101.86	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	29,959	\$ 14.98	\$ 0.0005	29,959	\$ 14.98	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1227	\$ 306.75	\$ 0.25	1227	\$ 306.75	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.0967	29,959	\$ 2,897.02	\$ 0.0967	29,959	\$ 2,897.02	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 6,513.79			\$ 6,576.00	\$ 62.21	0.96%
HST	13%		\$ 846.79	13%		\$ 854.88	\$ 8.09	0.96%
Ontario Electricity Rebate	17.0%		\$ -	17.0%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 7,360.58			\$ 7,430.89	\$ 70.30	0.96%

In the manager's summary, discuss the reas.

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.01	1	\$ 27.01	\$ 27.82	1	\$ 27.82	\$ 0.81	3.00%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 27.01			\$ 27.82	\$ 0.81	3.00%
Line Losses on Cost of Power	\$ 0.0967	61	\$ 5.87	\$ 0.0967	61	\$ 5.87	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0008	750	\$ (0.60)	-\$ 0.0002	750	\$ (0.15)	\$ 0.45	-75.00%
CBR Class B Rate Riders	-\$ 0.0002	750	\$ (0.15)	-\$ 0.0002	750	\$ (0.15)	\$ -	0.00%
GA Rate Riders	-\$ 0.0012	750	\$ (0.90)	-\$ 0.0039	750	\$ (2.93)	\$ (2.03)	225.00%
Low Voltage Service Charge	\$ 0.0022	750	\$ 1.65	\$ 0.0022	750	\$ 1.65	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.43	1	\$ 0.43	\$ 0.43	1	\$ 0.43	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 33.31			\$ 32.55	\$ (0.77)	-2.30%
RTSR - Network	\$ 0.0062	811	\$ 5.03	\$ 0.0078	811	\$ 6.32	\$ 1.30	25.81%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0047	811	\$ 3.81	\$ 0.0048	811	\$ 3.89	\$ 0.08	2.13%
Sub-Total C - Delivery (including Sub-Total B)			\$ 42.15			\$ 42.76	\$ 0.61	1.45%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	811	\$ 2.76	\$ 0.0034	811	\$ 2.76	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	811	\$ 0.41	\$ 0.0005	811	\$ 0.41	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.0967	750	\$ 72.53	\$ 0.0967	750	\$ 72.53	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 117.84			\$ 118.45	\$ 0.61	0.52%
HST 13%			\$ 15.32	13%		\$ 15.40	\$ 0.08	0.52%
Ontario Electricity Rebate 17.0%			\$ (20.03)	17.0%		\$ (20.14)	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 133.16			\$ 133.85	\$ 0.69	0.52%

In the manager's summary, discuss the reas.

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	307	kWh	
Demand	-	kW	
Current Loss Factor	1.0810		
Proposed/Approved Loss Factor	1.0810		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.01	1	\$ 27.01	\$ 27.82	1	\$ 27.82	\$ 0.81	3.00%
Distribution Volumetric Rate	\$ -	307	\$ -	\$ -	307	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	307	\$ -	\$ -	307	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 27.01			\$ 27.82	\$ 0.81	3.00%
Line Losses on Cost of Power	\$ 0.1034	25	\$ 2.57	\$ 0.1034	25	\$ 2.57	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0008	307	\$ (0.25)	\$ 0.0002	307	\$ (0.06)	\$ 0.18	-75.00%
CBR Class B Rate Riders	\$ 0.0002	307	\$ (0.06)	\$ 0.0002	307	\$ (0.06)	\$ -	0.00%
GA Rate Riders	\$ -	307	\$ -	\$ -	307	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0022	307	\$ 0.68	\$ 0.0022	307	\$ 0.68	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.43	1	\$ 0.43	\$ 0.43	1	\$ 0.43	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	307	\$ -	\$ -	307	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 30.38			\$ 31.37	\$ 0.99	3.27%
RTSR - Network	\$ 0.0062	332	\$ 2.06	\$ 0.0078	332	\$ 2.59	\$ 0.53	25.81%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0047	332	\$ 1.56	\$ 0.0048	332	\$ 1.59	\$ 0.03	2.13%
Sub-Total C - Delivery (including Sub-Total B)			\$ 34.00			\$ 35.56	\$ 1.56	4.58%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	332	\$ 1.13	\$ 0.0034	332	\$ 1.13	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	332	\$ 0.17	\$ 0.0005	332	\$ 0.17	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	196	\$ 16.11	\$ 0.0820	196	\$ 16.11	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	55	\$ 6.24	\$ 0.1130	55	\$ 6.24	\$ -	0.00%
TOU - On Peak	\$ 0.1700	55	\$ 9.39	\$ 0.1700	55	\$ 9.39	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 67.29			\$ 68.85	\$ 1.56	2.32%
HST	13%		\$ 8.75	13%		\$ 8.95	\$ 0.20	2.32%
Ontario Electricity Rebate	17.0%		\$ (11.44)	17.0%		\$ (11.70)	\$ (0.26)	
Total Bill on TOU			\$ 64.60			\$ 66.10	\$ 1.50	2.32%

In the manager's summary, discuss the reas.

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	307	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.01	1	\$ 27.01	\$ 27.82	1	\$ 27.82	\$ 0.81	3.00%
Distribution Volumetric Rate	\$ -	307	\$ -	\$ -	307	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	307	\$ -	\$ -	307	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 27.01			\$ 27.82	\$ 0.81	3.00%
Line Losses on Cost of Power	\$ 0.0967	25	\$ 2.40	\$ 0.0967	25	\$ 2.40	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0008	307	\$ (0.25)	-\$ 0.0002	307	\$ (0.06)	\$ 0.18	-75.00%
CBR Class B Rate Riders	-\$ 0.0002	307	\$ (0.06)	-\$ 0.0002	307	\$ (0.06)	\$ -	0.00%
GA Rate Riders	-\$ 0.0012	307	\$ (0.37)	-\$ 0.0039	307	\$ (1.20)	\$ (0.83)	225.00%
Low Voltage Service Charge	\$ 0.0022	307	\$ 0.68	\$ 0.0022	307	\$ 0.68	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.43	1	\$ 0.43	\$ 0.43	1	\$ 0.43	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	307	\$ -	\$ -	307	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 29.84			\$ 30.01	\$ 0.17	0.55%
RTSR - Network	\$ 0.0062	332	\$ 2.06	\$ 0.0078	332	\$ 2.59	\$ 0.53	25.81%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0047	332	\$ 1.56	\$ 0.0048	332	\$ 1.59	\$ 0.03	2.13%
Sub-Total C - Delivery (including Sub-Total B)			\$ 33.46			\$ 34.19	\$ 0.73	2.18%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	332	\$ 1.13	\$ 0.0034	332	\$ 1.13	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	332	\$ 0.17	\$ 0.0005	332	\$ 0.17	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.0967	307	\$ 29.69	\$ 0.0967	307	\$ 29.69	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 64.44			\$ 65.17	\$ 0.73	1.13%
HST	13%		\$ 8.38	13%		\$ 8.47	\$ 0.09	1.13%
Ontario Electricity Rebate	17.0%		\$ (10.96)	17.0%		\$ (11.08)		
Total Bill on Non-RPP Avg. Price			\$ 72.82			\$ 73.65	\$ 0.82	1.13%

In the manager's summary, discuss the reas.

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0810	
Proposed/Approved Loss Factor	1.0810	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 34.01	1	\$ 34.01	\$ 35.03	1	\$ 35.03	\$ 1.02	3.00%
Distribution Volumetric Rate	\$ 0.0167	2000	\$ 33.40	\$ 0.0172	2000	\$ 34.40	\$ 1.00	2.99%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 67.41			\$ 69.43	\$ 2.02	3.00%
Line Losses on Cost of Power	\$ 0.0967	162	\$ 15.67	\$ 0.0967	162	\$ 15.67	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0008	2,000	\$ (1.60)	-\$ 0.0001	2,000	\$ (0.20)	\$ 1.40	-87.50%
CBR Class B Rate Riders	-\$ 0.0002	2,000	\$ (0.40)	-\$ 0.0002	2,000	\$ (0.40)	\$ -	0.00%
GA Rate Riders	-\$ 0.0012	2,000	\$ (2.40)	-\$ 0.0039	2,000	\$ (7.80)	\$ (5.40)	225.00%
Low Voltage Service Charge	\$ 0.0020	2,000	\$ 4.00	\$ 0.0020	2,000	\$ 4.00	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.43	1	\$ 0.43	\$ 0.43	1	\$ 0.43	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 83.11			\$ 81.13	\$ (1.98)	-2.38%
RTSR - Network	\$ 0.0056	2,162	\$ 12.11	\$ 0.0070	2,162	\$ 15.13	\$ 3.03	25.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0043	2,162	\$ 9.30	\$ 0.0044	2,162	\$ 9.51	\$ 0.22	2.33%
Sub-Total C - Delivery (including Sub-Total B)			\$ 104.51			\$ 105.77	\$ 1.26	1.21%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,162	\$ 7.35	\$ 0.0034	2,162	\$ 7.35	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,162	\$ 1.08	\$ 0.0005	2,162	\$ 1.08	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.0967	2,000	\$ 193.40	\$ 0.0967	2,000	\$ 193.40	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 306.34			\$ 307.60	\$ 1.26	0.41%
HST	13%		\$ 39.82	13%		\$ 39.99	\$ 0.16	0.41%
Ontario Electricity Rebate	17.0%		\$ (52.08)	17.0%		\$ (52.29)		
Total Bill on Non-RPP Avg. Price			\$ 346.17			\$ 347.59	\$ 1.43	0.41%

In the manager's summary, discuss the reas



Appendix 4 - 2017 RRWF



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers



Version 6.00

Utility Name	Renfrew Hydro Inc.
Service Territory	
Assigned EB Number	EB-2016-0166
Name and Title	Bill Nippard
Phone Number	613.432.4884 ext 224
Email Address	bnippard@renfrewhydro.com

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



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

[1. Info](#)

[2. Table of Contents](#)

[3. Data Input Sheet](#)

[4. Rate Base](#)

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[6. Taxes PILs](#)

[7. Cost of Capital](#)

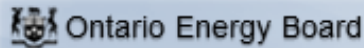
[8. Rev Def Suff](#)

[9. Rev Req](#)

[10. Tracking Sheet](#)

Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists
- (4) **Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.**
- (5) **Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft**



Revenue Requirement Workform (RRWF) for 2016 Filers

Data Input ⁽¹⁾

	Initial Application	(2) Adjustments	Technical Conference	(6) Adjustments	Settlement Agreement
1 Rate Base					
Gross Fixed Assets (average)	\$15,495,709	(\$221,858)	\$ 15,273,851	(\$39,000)	\$15,174,851
Accumulated Depreciation (average)	(\$9,556,595)	\$45,502	(\$9,511,093)	\$1,329	(\$9,509,764)
Allowance for Working Capital:					
Controllable Expenses	\$1,549,280	\$4,000	\$ 1,553,280	(\$80,000)	\$1,473,280
Cost of Power	\$11,715,807	\$412,370	\$ 12,128,178	(\$5,610)	\$12,122,567
Working Capital Rate (%)	7.50%	(3)	7.50%	(3)	7.50%
2 Utility Income					
Operating Revenues:					
Distribution Revenue at Current Rates	\$1,858,210	\$31,411	\$1,889,621	\$1,817	\$1,891,438
Distribution Revenue at Proposed Rates	\$2,148,384	(\$51,689)	\$2,096,695	(\$33,257)	\$2,003,438
Other Revenue:					
Specific Service Charges	\$18,500	\$0	\$18,500	\$0	\$18,500
Late Payment Charges	\$20,000	\$0	\$20,000	\$0	\$20,000
Other Distribution Revenue	\$56,350	\$0	\$56,350	\$0	\$56,350
Other Income and Deductions	\$12,700	\$0	\$12,700	\$5,455	\$18,155
Total Revenue Offsets	\$107,550	\$0	\$107,550	\$5,455	\$113,005
Operating Expenses:					
OM+A Expenses	\$1,549,280	\$4,000	\$ 1,553,280	(\$80,000)	\$1,473,280
Depreciation/Amortization	\$247,981	(\$2,172)	\$ 245,809	(\$2,657)	\$243,152
Property taxes					
Other expenses					
3 Taxes/PiLs					
Taxable Income:					
Adjustments required to arrive at taxable income	(\$124,293)	(3)	(\$122,112)		(\$114,192)
Utility Income Taxes and Rates:					
Income taxes (not grossed up)	\$19,590		\$17,447		\$18,087
Income taxes (grossed up)	\$23,047		\$20,526		\$21,278
Federal tax (%)	10.50%		10.50%		10.50%
Provincial tax (%)	4.50%		4.50%		4.50%
Income Tax Credits					
4 Capitalization/Cost of Capital					
Capital Structure:					
Long-term debt Capitalization Ratio (%)	56.0%		56.0%		56.0%
Short-term debt Capitalization Ratio (%)	4.0%	(8)	4.0%	(8)	4.0%
Common Equity Capitalization Ratio (%)	40.0%		40.0%		40.0%
Preferred Shares Capitalization Ratio (%)					
	100.0%		100.0%		100.0%
Cost of Capital					
Long-term debt Cost Rate (%)	4.54%		3.72%		3.72%
Short-term debt Cost Rate (%)	1.65%		1.76%		1.76%
Common Equity Cost Rate (%)	3.19%		8.78%		8.78%
Preferred Shares Cost Rate (%)					



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Rate Base and Working Capital

Line No.	Particulars		Initial Application	Adjustments	Technical Conference	Adjustments	Settlement Agreement
1	Gross Fixed Assets (average) (3)		\$15,495,709	(\$221,858)	\$15,273,851	(\$99,000)	\$15,174,851
2	Accumulated Depreciation (average) (3)		(\$9,556,595)	\$45,502	(\$9,511,093)	\$1,329	(\$9,509,764)
3	Net Fixed Assets (average) (3)		\$5,939,114	(\$176,356)	\$5,762,757	(\$97,671)	\$5,665,086
4	Allowance for Working Capital (1)		\$994,882	\$31,228	\$1,026,109	(\$6,421)	\$1,019,689
5	Total Rate Base		\$6,933,995	(\$145,129)	\$6,788,867	(\$104,092)	\$6,684,775

(1) Allowance for Working Capital - Derivation

6	Controllable Expenses		\$1,549,280	\$4,000	\$1,553,280	(\$80,000)	\$1,473,280
7	Cost of Power		\$11,715,807	\$412,370	\$12,128,178	(\$5,610)	\$12,122,567
8	Working Capital Base		\$13,265,087	\$416,370	\$13,681,458	(\$85,610)	\$13,595,847
9	Working Capital Rate % (2)		7.50%	0.00%	7.50%	0.00%	7.50%
10	Working Capital Allowance		\$994,882	\$31,228	\$1,026,109	(\$6,421)	\$1,019,689

Notes

- (2) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2016 cost of service applications is 7.5%, per the letter issued by the Board on June 3, 2015. Alternatively, a utility could conduct and file its own lead-lag study.
- (3) Average of opening and closing balances for the year.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Utility Income

Line No.	Particulars	Initial Application	Adjustments	Technical Conference	Adjustments	Settlement Agreement
	Operating Revenues:					
1	Distribution Revenue (at Proposed Rates)	\$2,148,384	(\$51,689)	\$2,096,695	(\$93,257)	\$2,003,438
2	Other Revenue (1)	\$107,550	\$ -	\$107,550	\$5,455	\$113,005
3	Total Operating Revenues	\$2,255,934	(\$51,689)	\$2,204,245	(\$87,802)	\$2,116,443
	Operating Expenses:					
4	OM+A Expenses	\$1,549,280	\$4,000	\$1,553,280	(\$80,000)	\$1,473,280
5	Depreciation/Amortization	\$247,981	(\$2,172)	\$245,809	(\$2,657)	\$243,152
6	Property taxes	\$ -	\$ -	\$ -	\$ -	\$ -
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$1,797,261	\$1,828	\$1,799,089	(\$82,657)	\$1,716,432
10	Deemed Interest Expense	\$180,866	(\$34,661)	\$146,205	(\$2,242)	\$143,963
11	Total Expenses (lines 9 to 10)	\$1,978,127	(\$32,833)	\$1,945,294	(\$84,899)	\$1,860,395
12	Utility income before income taxes	\$277,806	(\$18,856)	\$258,951	(\$2,903)	\$256,048
13	Income taxes (grossed-up)	\$23,047	(\$2,521)	\$20,526	\$753	\$21,278
14	Utility net income	\$254,759	(\$16,334)	\$238,425	(\$3,656)	\$234,769

Notes

Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$18,500	\$ -	\$18,500	\$ -	\$18,500
	Late Payment Charges	\$20,000	\$ -	\$20,000	\$ -	\$20,000
	Other Distribution Revenue	\$56,350	\$ -	\$56,350	\$ -	\$56,350
	Other Income and Deductions	\$12,700	\$ -	\$12,700	\$5,455	\$18,155
	Total Revenue Offsets	\$107,550	\$ -	\$107,550	\$5,455	\$113,005



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Taxes/PILs

Line No.	Particulars	Application	Technical Conference	Settlement Agreement
<u>Determination of Taxable Income</u>				
1	Utility net income before taxes	\$254,894	\$238,425	\$234,769
2	Adjustments required to arrive at taxable utility income	(\$124,293)	(\$122,112)	(\$114,192)
3	Taxable income	<u>\$130,600</u>	<u>\$116,313</u>	<u>\$120,577</u>
<u>Calculation of Utility income Taxes</u>				
4	Income taxes	<u>\$19,590</u>	<u>\$17,447</u>	<u>\$18,087</u>
6	Total taxes	<u>\$19,590</u>	<u>\$17,447</u>	<u>\$18,087</u>
7	Gross-up of Income Taxes	<u>\$3,457</u>	<u>\$3,079</u>	<u>\$3,192</u>
8	Grossed-up Income Taxes	<u>\$23,047</u>	<u>\$20,526</u>	<u>\$21,278</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$23,047</u>	<u>\$20,526</u>	<u>\$21,278</u>
10	Other tax Credits	\$ -	\$ -	\$ -
<u>Tax Rates</u>				
11	Federal tax (%)	10.50%	10.50%	10.50%
12	Provincial tax (%)	4.50%	4.50%	4.50%
13	Total tax rate (%)	<u>15.00%</u>	<u>15.00%</u>	<u>15.00%</u>



Ontario Energy Board

Revenue Requirement Workfor (RRWF) for 2016 Filers

Capitalization/Cost of Capital

Line	Particulars	Capitalization Ratio		Cost Rate		Return
		(%)	(\$)	(%)		(\$)
Initial Application						
	Debt					
1	Long-term Debt	56.00%	\$3,883,037	4.54%		\$176,290
2	Short-term Debt	4.00%	\$277,360	1.65%		\$4,576
3	Total Debt	60.00%	\$4,160,397	4.35%		\$180,866
	Equity					
4	Common Equity	40.00%	\$2,773,598	9.19%		\$254,894
5	Preferred Shares	0.00%	\$ -	0.00%		\$ -
6	Total Equity	40.00%	\$2,773,598	9.19%		\$254,894
7	Total	100.00%	\$6,933,995	6.28%		\$435,760
Technical Conference						
	Debt					
1	Long-term Debt	56.00%	\$3,801,765	3.72%		\$141,426
2	Short-term Debt	4.00%	\$271,555	1.76%		\$4,779
3	Total Debt	60.00%	\$4,073,320	3.59%		\$146,205
	Equity					
4	Common Equity	40.00%	\$2,715,547	8.78%		\$238,425
5	Preferred Shares	0.00%	\$ -	0.00%		\$ -
6	Total Equity	40.00%	\$2,715,547	8.78%		\$238,425
7	Total	100.00%	\$6,788,867	5.67%		\$384,630
Per Board Decision						
	Debt					
8	Long-term Debt	56.00%	\$3,743,474	3.72%		\$139,257
9	Short-term Debt	4.00%	\$267,391	1.76%		\$4,706
10	Total Debt	60.00%	\$4,010,865	3.59%		\$143,963
	Equity					
11	Common Equity	40.00%	\$2,673,910	8.78%		\$234,769
12	Preferred Shares	0.00%	\$ -	0.00%		\$ -
13	Total Equity	40.00%	\$2,673,910	8.78%		\$234,769
14	Total	100.00%	\$6,684,775	5.67%		\$378,733



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Technical Conference		Settlement Agreement	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$290,308		\$207,074		\$112,000
2	Distribution Revenue	\$1,858,210	\$1,858,076	\$1,889,621	\$1,889,621	\$1,891,438	\$1,891,438
3	Other Operating Revenue	\$107,550	\$107,550	\$107,550	\$107,550	\$113,005	\$113,005
4	Offsets - net						
4	Total Revenue	\$1,965,760	\$2,255,934	\$1,997,171	\$2,204,245	\$2,004,443	\$2,116,443
5	Operating Expenses	\$1,797,261	\$1,797,261	\$1,799,089	\$1,799,089	\$1,716,432	\$1,716,432
6	Deemed Interest Expense	\$180,866	\$180,866	\$146,205	\$146,205	\$143,963	\$143,963
8	Total Cost and Expenses	\$1,978,127	\$1,978,127	\$1,945,294	\$1,945,294	\$1,860,395	\$1,860,395
9	Utility Income Before Income Taxes	(\$12,367)	\$277,806	\$51,877	\$258,951	\$144,048	\$256,048
10	Tax Adjustments to Accounting Income	(\$124,293)	(\$124,293)	(\$122,112)	(\$122,112)	(\$114,192)	(\$114,192)
11	Taxable Income	(\$136,660)	\$153,513	(\$70,235)	\$136,838	\$29,855	\$141,855
12	Income Tax Rate	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
13	Income Tax on Taxable Income	(\$20,499)	\$23,027	(\$10,535)	\$20,526	\$4,478	\$21,278
14	Income Tax Credits	\$-	\$-	\$-	\$-	\$-	\$-
15	Utility Net Income	\$8,132	\$254,759	\$62,412	\$238,425	\$139,570	\$234,769
16	Utility Rate Base	\$6,933,995	\$6,933,995	\$6,788,867	\$6,788,867	\$6,684,775	\$6,684,775
17	Deemed Equity Portion of Rate Base	\$2,773,598	\$2,773,598	\$2,715,547	\$2,715,547	\$2,673,910	\$2,673,910
18	Income/(Equity Portion of Rate Base)	0.29%	9.19%	2.30%	8.78%	5.22%	8.78%
19	Target Return - Equity on Rate Base	9.19%	9.19%	8.78%	8.78%	8.78%	8.78%
20	Deficiency/Sufficiency in Return on Equity	-8.90%	0.00%	-6.48%	0.00%	-3.56%	0.00%
21	Indicated Rate of Return	2.73%	6.28%	3.07%	5.67%	4.24%	5.67%
22	Requested Rate of Return on Rate Base	6.28%	6.28%	5.67%	5.67%	5.67%	5.67%
23	Deficiency/Sufficiency in Rate of Return	-3.56%	0.00%	-2.59%	0.00%	-1.42%	0.00%
24	Target Return on Equity	\$254,894	\$254,894	\$238,425	\$238,425	\$234,769	\$234,769
25	Revenue Deficiency/(Sufficiency)	\$246,762	(\$134)	\$176,013	\$-	\$95,200	\$-
26	Gross Revenue Deficiency/(Sufficiency)	\$290,308 (1)		\$207,074 (1)		\$112,000 (1)	



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2016 Filers

Revenue Requirement

Line No.	Particulars	Application	Technical Conference	Settlement Agreement
1	OM&A Expenses	\$1,549,280	\$1,553,280	\$1,473,280
2	Amortization/Depreciation	\$247,981	\$245,809	\$243,152
3	Property Taxes	\$ -		
5	Income Taxes (Grossed up)	\$23,047	\$20,526	\$21,278
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$180,866	\$146,205	\$143,963
	Return on Deemed Equity	\$254,894	\$238,425	\$234,769
8	Service Revenue Requirement (before Revenues)	<u>\$2,256,068</u>	<u>\$2,204,245</u>	<u>\$2,116,443</u>
9	Revenue Offsets	\$107,550	\$107,550	\$113,005
10	Base Revenue Requirement (excluding Transformer Ownership Allowance credit)	<u>\$2,148,518</u>	<u>\$2,096,695</u>	<u>\$2,003,438</u>
11	Distribution revenue	\$2,148,384	\$2,096,695	\$2,003,438
12	Other revenue	\$107,550	\$107,550	\$113,005
13	Total revenue	<u>\$2,255,934</u>	<u>\$2,204,245</u>	<u>\$2,116,443</u>
14	Difference (Total Revenue Less Distribution Revenue Requirement before	<u>(\$134)</u> (1)	<u>\$ -</u> (1)	<u>\$ -</u> (1)

Notes

(1)

Line 11 - Line 8