



Espanola Regional Hydro Distribution Corporation

2022

Incentive Rate-Making Application

EB-2021-0022

For Rates Effective May 1, 2022

Filed: November 24, 2021

Ms. Christine E. Long
Registrar
Ontario Energy Board
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

November 24, 2021

Dear Ms. Long,

**Re: Electricity Distribution License ED-2002-0502
2022 IRM Application for Electricity Distribution Rates (EB-2021-0022)**

Espanola Regional Distribution Corporation ("ERHDC") is pleased to submit its Electricity Distribution Rates application under the Fourth Generation Incentive Rate-Setting Mechanism ("Price Cap IR") to the Ontario Energy Board ("OEB") for electricity distribution rates and other charges effective May 1, 2022.

The Filing includes the Application; the Manager's Summary; and excel versions of the following models or files:

1. 2022 IRM Rate Generator Model
2. 2022 GA Analysis Workform
3. 2022 IRM Checklist

The Filing and supporting materials are being filed through the OEB's web portal (RESS).

Yours truly,

Kelly McLellan
VP Finance & Corporate Support
ERHDC Managed Services
Phone: (705) 759-6566
Email: regulatory@ssmpuc.com

Attachments

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

AND IN THE MATTER OF an application by Espanola Regional
Distribution Corporation to the Ontario Energy Board for an Order
or Orders approving or fixing just and reasonable rates and other
charges for electricity distribution to be effective May 1, 2022.

Title of Proceeding: An application by Espanola Regional Hydro
Distribution Corporation. for an Order or Orders approving or fixing
just and reasonable distribution rates and other charges, effective
May 1, 2022.

CONTACT INFORMATION

APPLICANT'S NAME: Espanola Regional Hydro Distribution Corporation

Applicant's Address for Service: 598 Second Avenue,
Espanola, Ontario
P5E 1C4

Primary Applicant Contact: Tyler Kasubeck
Regulatory Financial Analyst,
ERHDC Managed Contract
Telephone: 705-987-2095
Email: regulatory@ssmpuc.com

Applicant's Internet Address: <http://www.erhydro.com>

Table of Contents

MANAGER’S SUMMARY.....	5
1. Application	5
2. Annual Adjustment Mechanism	7
3. Revenue-to-Cost Ratio Adjustment	7
4. Rate Design for Residential Electricity Customers	7
5. Retail Transmission Service Rates	8
6. Proposed Group 1 Deferral and Variance Account Disposition	9
7. Wholesale Market Participants.....	12
8. Global Adjustment	12
9. Settlement Process Overview	13
10. Commodity Accounts 1588 and 1589.....	14
11. Disposition of Account 1595	14
12. LRAM Variance Account (LRAMVA).....	15
13. Tax Changes.....	15
14. Z-Factor Claims/ Incremental Capital Module (ICM)	15
15. Proposed Distribution Rates and Bill Impacts.....	15
16. Conclusion.....	16

Appendices:

Appendix A – Certificate of Evidence
Appendix B – 2021 Current Tariff of Rates and Charges (Rate Order EB-2020-0020)
Appendix C – 2022 Proposed Tariff of Rates and Charges
Appendix D – 2022 IRM Rate Generator Model
Appendix E – 2022 GA Analysis Workform
Appendix F – 2022 IRM Checklist

MANAGER'S SUMMARY

1. Application

Espanola Regional Hydro Distribution Corporation ("ERHDC") hereby applies to the Ontario Energy Board (the "OEB") for approval of its proposed distribution rates and other charges, effective May 1, 2022. ERHDC has prepared the 2022 4th Generation Incentive Rate-Setting Mechanism application consistent with Chapter 3 of the filing requirements for electricity distribution rate applications as revised by the OEB on June 24, 2021.

This Application will affect all ratepayers in ERHDC's service territory. ERHDC requests that, pursuant to Section 34.01 of the Board's Rules of Practice and Procedure, this proceeding be conducted by way of written hearing. In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of May 1, 2022, ERHDC requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until such time as the 2022 rates is approved. In the event that the effective date does not coincide with the Board's decided implementation date for 2022 Distribution Rates and Charges, ERHDC requests to be permitted to recover the incremental revenue from the effective date to the implementation date.

The OEB requires a certification by the Chief Executive Officer (CEO), or Chief Financial Officer (CFO), or equivalent. The Application must include a certification that the distributor has robust processes and internal controls in place for the preparation, review, verification, and oversight of the account balances being disposed, consistent with the certification requirements in Chapter 1 of the filing requirements. This Certification has been included as Appendix "A".

ERHDC has used the most current version of the OEB's 2022 IRM Rate Generator Model, 2022 IRM Revenue Cost Ratio Adjustment Model and Global Adjustment Analysis Workform in the preparation of this filing and confirms the accuracy of the billing determinants and Trial Balance data for the prepopulated Models. A copy of ERHDC's current 2021 Tariff of Rates and Charges, for rates effective May 1, 2021 and implemented July 1, 2021, is included as Appendix "B". The proposed 2022 Tariff of Rates and Charges is included as Appendix "C".

The completed 2022 IRM Rate Generator Model, in PDF format, is included as Appendix "D". ERHDC understands that OEB Staff will update the Model for parameters determining the Annual Adjustment Mechanism when established by the Board. ERHDC is applying for Group 1 – Deferral and Variance Account disposition, including final disposition of USofA accounts 1588 and 1589. ERHDC has completed the 2022 GA Analysis Workform as required in the Filing Requirements and included it as Appendix "E". The 2022 IRM Checklist is provided as Appendix "F".

Specifically, ERHDC's Application hereby applies for an Order or Orders approving distribution rates updated and adjusted in accordance with the Chapter 3 Requirements as follows:

- An Annual Adjustment Mechanism of 3.15% applied to existing distribution rates determined by the OEB's calculated inflation factor for incentive rate setting under the Price Cap IR Price Escalator of 3.3%, reduced by the Productivity Factor of 0%, and further reduced by ERHDC's Stretch Factor Value of 0.15% for Group II utilities;
- Continuation of the Rate Riders for the Disposition of Deferral/Variance Accounts and Account 1568 LRAM Account as approved in the 2021 COS Application [EB-2020-0020];
- Disposition of Group 1 Deferral/Variance Accounts for the year end balance as of December 31, 2020.
- Adjustment to the Retail Transmission Service Rates as provided in Guideline (G-2008-0001) on Retail Transmission Service Rates – October 22, 2008 (revision 4.0 June 28, 2012);
- Continuation of the Wholesale Market Service Rate, Capacity Based Recovery (CBR) Class B, Rural Rate Protection Charge, the Standard Supply Service Charge, Specific Service Charges, MicroFIT Service Charge, Retail Service Charges, the Smart Metering Entity Charge and Loss Factors as approved in ERHDC's 2021 COS Application (EB-2020-0020);

Table 1 below summarizes ERHDC's 2022 proposed distribution rates, as compared to current approved rates.

Table 1 – 2022 Proposed Distribution Rates

Rate Class	Current MFC	Current Volumetric Charge	Price Cap Index	Proposed MFC	Proposed Volumetric Charge
Residential	\$ 21.70	\$ 0.0184	3.15%	\$ 26.79	\$ 0.0142
General Service Less than 50 kW	\$ 31.66	\$ 0.0260	3.15%	\$ 32.66	\$ 0.0268
General Service 50 to 4,999 kW	\$ 196.43	\$ 4.6411	3.15%	\$ 202.62	\$ 4.7873
Unmetered Scattered Load	\$ 15.42	\$ 0.0197	3.15%	\$ 15.91	\$ 0.0203
Sentinel Lighting	\$ 3.39	\$ 27.318	3.15%	\$ 3.50	\$ 28.179
Street Lighting	\$ 1.27	\$ 15.9433	3.15%	\$ 1.31	\$ 16.4455
MicroFIT	\$ 4.55	\$ -		\$ 4.55	\$ -

2. Annual Adjustment Mechanism

The annual adjustment mechanism is defined as the annual percentage change in the inflation factor less an X-Factor (i.e., productivity factor and stretch factor). As part of the supplemental report on the RRFE (Renewed Regulatory Framework for Electricity Distributors) the Board will establish the final inflation factor, productivity factor and stretch factor to apply to distributors for 2022 rate setting. The OEB issued a final Decision and Order on November 18, 2021. The Rate Generator Model has been updated to include the final approved rate at 3.3%.

ERHDC has populated the IRM Rate Generator Model using the inflation factor of 3.3%, productivity factor of 0.00% and a stretch factor of 0.15% (representing the second cohort) for a total price index adjustment of 3.15%. ERHDC understands the Board will update ERHDC's Rate Generator Model with the final parameters as established.

3. Revenue-to-Cost Ratio Adjustment

ERHDC is not proposing to adjust the revenue-to-cost ratios and therefore has not completed the 2022 IRM Revenue to Cost Ratio Adjustment Model.

4. Rate Design for Residential Electricity Customers

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

ERHDC began the transition to fully fixed rates for residential customers as of May 1, 2021. ERHDC is transitioning over a period of 5 years as approved in its most recent Cost of Service Rate Application (EB-2020-0020). The transition was approved for an increase of 1/6 in year 1 with an equal 1/4 transition in years 2-5. Tab 16 in the 2022 IRM Rate Generator Model calculates an increase of the existing monthly fixed charges by the Price Cap Index of 3.15%. ERH requests the Board approve the adjustments as identified in the model. ERH does not request any further revenue to cost ratio adjustments as part of this application.

When determining ERHDC's residential customers 10th consumption percentile, 12 months of actual source data was used on all residential customers to get an average consumption amount per customers. Based on the number of customers and sorting the consumption from smallest to largest, it was determined that the 10th consumption percentile for ERHDC's residential customer is 318 kWh.

Comparing ERHDC's total bill impacts of a customer at the 10th consumption percentile, the total bill increases by 8.43% for residential RPP customers as shown in Figure 1 below.

Figure 1 – Total Bill Impact – 10th Consumption Percentile

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION									
RPP / Non-RPP:	RPP									
Consumption	318	kWh								
Demand	-	kW								
Current Loss Factor	1.0673									
Proposed/Approved Loss Factor	1.0673									

5. Retail Transmission Service Rates

ERHDC is applying for an increase in the network service rates in accordance with the OEB guidelines Electricity Distribution Retail Transmission Service Rates ("RTSR"), Revision 4.0 (G-2008-0001) issued October 22, 2008 and with revisions up to June 28, 2012. The increase is calculated using the 2022 IRM Rate Generator Model issued by the OEB that applies historical wholesale and retail consumption to current and future wholesale and retail rates.

ERHDC receives wholesale transmission service from metered points that are directly connected to the Hydro One grid. ERHDC is billed Uniform Transmission Rates by Hydro One on all capacity delivered through these points. ERHDC passes these charges on to their customer with Board approved Retail Transmission Service Rates. To determine the RTSR's, ERHDC has completed the 2022 IRM Rate Generator Model as part of this application. Table 2 and Table 3

summarizes the Forecasted RTSR – Network Rates and Table 3 summarizes the forecasted RTSR – Connection Rates.

ERHDC understands that the Board will adjust the RTSRs in each distributor’s rate application model once the approved Uniform Transmission Rates are determined. The most recent billing determinants, reported in the 2020 year-end RRR filings under 2.1.5 Performance Based Regulation, were used for the calculation of the forecasted RTSR rates.

Table 2 – Forecasted 2022 RTSR – Network Rates

Rate Class	Current RTSR - Network (\$)	Proposed RTSR - Network (\$)
Residential (kWh)	\$ 0.0069	\$ 0.0069
General Service <50 kW (kWh)	\$ 0.0064	\$ 0.0064
General Service > 50kW (kW)	\$ 2.5889	\$ 2.6041
General Service >50 kW Interval Metered (KW)	\$ 2.9103	\$ 2.9274
USL (kWh)	\$ 0.0064	\$ 0.0064
Sentinel Lighting (kW)	\$ 1.9623	\$ 1.9737
Street Lighting (kW)	\$ 1.9526	\$ 1.9641

Table 3 – Forecasted 2022 RTSR – Connection Rates

Rate Class	Current RTSR - Connection (\$)	Proposed RTSR - Connection (\$)
Residential (kWh)	\$ 0.0050	\$ 0.0051
General Service <50 kW (kWh)	\$ 0.0045	\$ 0.0046
General Service > 50kW (kW)	\$ 1.7589	\$ 1.7907
General Service >50 kW Interval Metered (KW)	\$ 2.4365	\$ 2.4805
USL (kWh)	\$ 0.0045	\$ 0.0046
Sentinel Lighting (kW)	\$ 1.3880	\$ 1.4131
Street Lighting (kW)	\$ 1.3596	\$ 1.3842

6. Proposed Group 1 Deferral and Variance Account Disposition

ERHDC seeks Board approval to dispose the balances of Group 1 deferral and variance accounts on an interim basis as of December 31, 2020, including interest to April 30, 2021. The Board issued its Report on Electricity Distributor’s Deferral and Variance Account Review Initiative (“EDDVAR Report”) on July 31, 2009 (EB-2008-0046). The EDDVAR Report directs electricity distributors to review and dispose Group 1 deferral and variance audited account balances, which

do not require a prudence review, in an IRM Rate Application if the pre-set disposition threshold is exceeded. The Board established a disposition threshold at \$0.001/kWh.

ERHDC has completed the Deferral and Variance Accounts schedule, Tab “3. Continuity Schedule,” in the 2022 IRM Rate Generator Model and has reconciled December 31, 2020 audited balances with the June 1, 2021 RRR Filing. Actual interest has been calculated based on the Board’s prescribed rates. Forecasted interest for the period January 1, 2022 to April 30, 2022 is based upon the last Board prescribed rate of 0.57%. The continuity schedule is showing variances in accounts 1550 LV Variance Account, 1584 RSVA Retail Transmission Network Charge, 1586 Retail Transmission Connection Charge and 1588 RSVA – Power. A total variance of \$138,934 is calculating in Tab “3. Continuity Schedule” of the IRM Model.

The following table has been provided with explanations of those variances.

Table 4 – Reconciliation of Deferral and Variance Account Balances

Account Descriptions	USoA #	Total Principal (December 31, 2020)	Total Interest (December 31, 2020)	Total Principal and Interest	2.1.7 RRR Balances (December 31,	Variance
Low Voltage Account	1550	614,278	(11,890)	602,388	(122,728)	(725,116)
Smart Metering Entity Charge Variance Account	1551	(5,277)	(352)	(5,629)	(5,629)	(0)
RSVA - Wholesale Market Service Charge	1580	(80,975)	(10,257)	(91,232)	(91,232)	(0)
RSVA - Retail Transmission Network Charge	1584	33,567	(2,669)	30,898	32,638	1,740
RSVA - Retail Transmission Connection Charge	1586	208,477	46,041	254,518	977,895	723,377
RSVA - Power	1588	114,839	(27,474)	87,365	132,142	44,777
RSVA - Global Adjustment	1589	60,471	5,284	65,755	159,913	94,158
1595 Disposition (pre 2016)	1595	86,009	(43,431)	42,578	42,578	-
Total - Group 1 Accounts		\$ 1,031,389	\$ (44,748)	\$ 986,641	\$ 1,125,575	\$ 138,934

Variances in the Low Voltage Account (\$725,116), RSVA- Retail Transmission Connection Charge (\$723,377) is an approved adjustment made in the 2021 Cost of Service application. The RSVA – Retail Transmission Network Charge (\$1,740) is a correction to balance the Low Voltage variance and Power.

Variances of \$44,777 and (\$94,158) in accounts RSVA – Power (USoA 1588) and RSVA – Global Adjustment (USoA 1589), respectively, include approved adjustments made in 2021 Cost of Service for 1588 and for corrections to 1588 and 1589 related to 2020 GA activity, which ERHDC identified after filing its 2020 RRR’s. This is identified in the GA Workform as a principle adjustment and in the Continuity Schedule as a 2020 principle adjustment.

ERHDC confirms that all year end balances agree, except as explained in table 3 above, in total with both its annual filings required under the RRR’s and with ERHDC annual audited financial statements for 2020. No adjustments to previously approved balances on a final basis have been made. ERH also confirms that the last OEB-Approved balance of \$672,241 has been transferred to Account 1595 – 2020 Disposal (as identified in ERH’s COS 2021 application EB-2020-0020).

ERHDC last claimed Group 1 Account Balances in its 2021 Cost of Service Application. This reflected year end balances as of December 31, 2019. ERHDC is requesting disposition of Group 1 Deferral and Variance Account balances, including 1589. ERHDC meets the threshold test of .001\$/kWh. ERHDC is not eligible to claim any residual balances in 1595. Currently there are residual balances in 1595 for the 2018 and 2019 vintage years. As a result, ERHDC's continuity schedule include accounts 1550, 1551, 1580, 1584, 1586, 1588 and 1589.

Threshold Test

For the 2020 period, the total claim in the Group 1 accounts total **\$317,369** (including Account 1589 – Global Adjustment) which leads to a threshold value test of \$0.0057. This exceeds the materiality threshold of +/- \$0.001/kWh as defined in the Filing Requirements. The balance is driven primarily by the Low Voltage Variance and RSVA – Retail Transmission Connection Charges from 2020.

Table 5 provides the amounts proposed for the disposition of Group 1 accounts and Table 6 provides the proposed Rate Riders.

Table 5 – Proposed Disposition of Deferral and Variance Accounts

Group 1 Accounts	USoA #	Total Principal	Total Interest	Total Claim for Disposition
Low Voltage Account	1550	\$ 94,677	\$ 2,948	\$ 97,625
Smart Metering Entity Charge Variance Account	1551	\$ (100)	\$ (8)	\$ (108)
RSVA - Wholesale Market Service Charge	1580	\$ (3,665)	\$ 265	\$ (3,400)
RSVA - Retail Transmission Network Charge	1584	\$ 19,518	\$ 130	\$ 19,648
RSVA - Retail Transmission Connection Charge	1586	\$ 53,531	\$ (6,093)	\$ 47,438
RSVA - Power (excluding Global Adjustment)	1588	\$ 138,640	\$ 7,442	\$ 146,082
RSVA - Global Adjustment	1589	\$ 9,843	\$ 240	\$ 10,083
Total Group 1 Account		\$ 312,444	\$ 4,925	\$ 317,369

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

Group 1 Deferral and Variance Account Rate Riders					
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	32,014,348	-	\$ 175,207	\$ 0.0055
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	9,573,312	-	\$ 52,409	\$ 0.0055
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	14,098,142	32,414	\$ 77,198	\$ 2.3816
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	123,636	-	\$ 677	\$ 0.0055
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	23,555	67	\$ 129	\$ 1.9251
STREET LIGHTING SERVICE CLASSIFICATION	kW	304,412	969	\$ 1,667	\$ 1.7202
Total		56,137,405	33,450	\$ 307,286	

ERHDC has used the same allocation methodology as used in previous proceedings to assign Group 1 balances to its rate classes. In consideration of the recommendation outlined in the Filing Requirements along with assessing bill impacts, ERHDC has proposed a one-year disposition period. Rate rider calculations can be found in the electronic copy of the 2022 IRM Rate Generator Model that has been submitted with this Application. In addition to the excel file, the pdf version of the Model has been provided in Appendix "D" to this Application.

7. Wholesale Market Participants

ERHDC does not have any Wholesale Market Participant customers.

8. Global Adjustment

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

GA Analysis Workform

Distributors must complete the GA Analysis Workform to determine whether the annual balance in Account 1589 is reasonable. The Workform compares the General Ledger principal balance to an expected principal balance based on monthly GA volumes, revenues, and costs. Distributors may provide reconciling items to explain and reduce the discrepancy between the actual and expected balance. Any unexplained discrepancies should be calculated separately for each calendar year and any unexplained discrepancy for each year greater than +/- 1% of total annual Hydro One GA charges will be considered material.

ERHDC has completed the GA Analysis Workform as provided in Appendix "E."

A correction of \$94,158 and (\$94,158) in accounts RSVA – Power (USoA 1588) and RSVA – Global Adjustment (USoA 1589), respectively, was identified with the reconciliation related to 2020 activity in respect to adjusted GA rates versus unadjusted rates used for the Non-RPP GA cost. This will be recorded in 2021 and reflected in 2021 RRR balances.

The 1588 Account reasonability percentage of Account 4705 is 1.8%, greater than the expected +/- 1%. This is due to actual higher loss factors versus approved loss factors.

Table 7 provides the amounts proposed for the disposition of Global Adjustment Rate Riders.

Table 7 – Proposed Global Adjustment Rate Riders

Global Adjustment Rate Riders				
Rate Class	Unit	Total Metered Non-RPP 2020 Consumption excluding WMP	Total GA \$ allocated to Current Class B Customers	GA Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	543,805	\$ 365	\$ 0.0007
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	1,354,361	\$ 910	\$ 0.0007
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	12,798,662	\$ 8,596	\$ 0.0007
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	10,764	\$ 7	\$ 0.0007
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	907	\$ 1	\$ 0.0011
STREET LIGHTING SERVICE CLASSIFICATION	kW	304,412	\$ 204	\$ 0.0007
Total		15,012,911	\$ 10,083	

9. Settlement Process Overview

On February 21, 2019, the OEB released a letter entitled Accounting guidance related to Accounts 1588 and 1589. The following provides a description of ERHDC's settlement process and GA processes for RPP and Non-RPP amounts. ERHDC has reviewed and confirmed the processes are being followed as described below.

Settlement Process

- i. For GA, ERHDC uses the 1st Estimate for billing customers in all rate classes. ERHDC does not have any Class A customers.
- ii. Monthly Settlement files are sent to Hydro One by the 2nd business day after the calendar month end.
- iii. Consumption actuals – ERHDC uses actual meter readings from meter data repository system. Conventional Meters are used for billing Tiered pricing customers and Smart Meters used for billing customers Time of Use ("TOU") pricing. Data is extracted monthly and customer consumption is segregated between RPP and non-RPP consumption using billing codes.
- iv. From the extracted data, actual RPP kWh and revenues are split between RPP categories (TOU on/off/mid or Tier 1, Tier 2). ERHDC's billing system also tracks what revenue would have been for each RPP customer bill based on weighted average pricing. In addition, kWh's are tracked by calendar month so the effective GA rates can be determined. For RPP settlement purposes, revenue associated with RPP pricing is compared to tracked revenue that would have been billed using weighted average pricing and effective final GA rate and the difference is submitted to the Hydro One for settlement.
- v. Embedded Generation – the settlement relating to embedded generation (FIT, microFIT) is done based on contract price versus market price monthly.

10. Commodity Accounts 1588 and 1589

Account 1588 – RSVA Power is used to record net differences between power sales billed and accrued (i.e., unbilled revenue) to RPP and non-RPP customers, and power costs accrued and paid to the HYDRO ONE, host distributor and/or embedded generators.

Account 1589 – RSVA GA is used to record net differences between GA billed and accrued (i.e., unbilled revenue) to Class B non-RPP customers, and GA costs accrued and paid to the HYDRO ONE, and/or host distributor relating to Class B non-RPP customers.

Revenue and cost amounts are recorded in distributors' power and GA commodity pass-through revenue and cost of power accounts. Billed amounts are tracked in accounts 4006-4055 depending on customer classifications. Hydro One charges are tracked in account 4505, with non-RPP Class B customers tracked in 4707.

ERHDC uses the Hydro One invoice and consumption data as the basis for its accounting accrual journal entries and subsequently reverses these accruals and records the actual invoice when received. ERHDC settles with the Hydro One on a billed basis; therefore, accruals are required for unbilled consumption. Entries are recorded monthly using consumption data and estimates based on historical data. The initial RPP settlement and unbilled energy estimates are updated once the final consumption and GA rates becomes available. The general ledger is updated with the final amounts and the results of the true-up process. At year end all final consumption, billing and costs are reviewed and any final true-up entries are recorded. Unbilled and actual cost of power are trued-up to actual.

The balance in the RSVA-Power account 1588 reflects settlement variances between the energy rates billed to customers and the energy rates invoiced by Hydro One.

The balance in the RSVA-GA account 1589 is due to differences between the GA revenue amounts billed to Non-RPP consumers and the calculated GA expense for Non-RPP consumers.

11. Disposition of Account 1595

ERH confirms that the disposition of residual balances for vintage Account 1595 have only been requested once the disposition balance is a year after the rate rider's sunset date has expired and the balances have been externally audited.

ERHDC has no balances in account 1595 to dispose as all residual balances were disposed in its 2021 Cost of Service application (EB-2020-0051). No 1595 Workform has been filed.

12. LRAM Variance Account (LRAMVA)

In accordance with the Board's Guidelines for Electricity Distributors CDM, at a minimum, distributors must apply for disposition of the balance in the LRAMVA at the time of their Cost of Service Rate Applications. Distributors may apply for the disposition of the LRAMVA balance in IRM Rate Applications if the balance is deemed significant by the applicant. All requests for disposition of the LRAMVA must be made together with carrying charges.

ERHDC proposes no disposition of Account 1568 LRAMVA balance with this Rate Application as all residual balances were disposed in its 2021 Cost of Service application (EB-2020-0051).

13. Tax Changes

In its *Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors [EB-207-0673]*, the OEB determined a 50/50 sharing of the impact of currently known legislation tax changes as applied to the tax level reflected in the Board-approved base rates for distributors is appropriate. The tax allocation will be allocated to customer rate classes based on the last Board approved COS distribution revenue. The Board has determined that currently known tax changes from the level reflected in the Board-approved base rates will be reflected in the IRM adjustments.

ERHDC has completed the OEB's 2022 IRM Rate Generator Model (Tab "8. STS-Tax Change" and Tab "9. Shared Tax-Rate Rider") and calculated annual tax changes allocated to customer rate classes based on the 2021 Board Approved billing determinants and distribution rates (2021 COS file number EB-2020-0020). As there is no tax change from the 2021 year of the cost of service, the Incremental Tax Savings is \$nil.

14. Z-Factor Claims/ Incremental Capital Module (ICM)

ERHDC is not proposing to seek recovery for a Z-Factor claim or utilize the ICM option.

15. Proposed Distribution Rates and Bill Impacts

Bill impacts were derived for each rate class using the 2022 IRM Rate Generator Bill Impact calculation in Sheet 20. A detailed listing of customer bill impacts is set out under Sheet 20 of the 2022 IRM Rate Generator Model.

Table 8 provides the Bill Impact Summary for Average Monthly Volumes per rate class.

Table 8 – Bill Impact Summary

Rate Class	Avg Monthly Volume		RPP/Non-RPP	Total Current Bill	Total Proposed Bill	Total Bill Impact (\$)	Total Bill Impact (%)
	kWh	kW					
Residential	750	-	RPP	\$ 130.32	\$ 136.47	\$ 6.15	4.72%
General Service Less than 50 kW	2,386	-	RPP	\$ 392.31	\$ 409.34	\$ 17.03	4.34%
General Service 50 to 4,999 kW	44,361	115	Non-RPP	\$ 7,917.06	\$ 8,089.95	\$ 172.89	2.18%
Unmetered Scattered Load	456	-	RPP	\$ 80.42	\$ 83.81	\$ 3.39	4.22%
Sentinel Lighting	81	-	Non-RPP	\$ 19.28	\$ 19.74	\$ 0.46	2.39%
Street Lighting Non-RPP	14,238	42	Non-RPP	\$ 5,074.90	\$ 5,379.62	\$ 304.72	6.00%
Street Lighting Non-RPP (Other)	4,508	13	Non-RPP	\$ 1,839.53	\$ 1,984.48	\$ 144.95	7.88%

16. Conclusion

In summary, total bill impacts are well below the rate mitigation threshold and ERHDC considers the proposed distribution rates and applicable disposition to be both reasonable and prudent.

Appendix A

Certificate of Evidence



CERTIFICATION OF EVIDENCE

I certify that to the best of my knowledge:

- a) the evidence filed in PUC's 2021 IRM application is accurate, complete and consistent with the requirements from Chapter 3 of the Board's *Filing Requirements for Electricity Distribution Rate Applications* last updated on June 24, 2021;
- b) the accuracy of the billing determinants for pre-populated models;
- c) that robust processes and internal controls are in place for the preparation, verification and oversight of variance account balances; and
- d) the evidence filed in support of this Application does not include any personal information, as identified in the certification requirements for personal information in Chapter 1 of the filing requirements.

Respectfully submitted,

Kelly McLellan, CPA, CMA

Vice President, Finance & Corporate Support

ERHDC Managed Services

Dated at Sault Ste. Marie, Ontario, this 24th of November, 2021

Appendix B

2021 Current Tariff of Rates and Charges (2021 Rate Order EB-2020-0020)

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

EB-2020-0020

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0022

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a single family unit, non-commercial. This can be a separately metered living accommodation, town house, apartment, semi-detached, duplex, triplex or quadruplex with residential zoning. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	26.79
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0142
Low Voltage Service Rate	\$/kWh	0.0067
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0055
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kWh	0.0022
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective until April 30, 2026		
	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0022

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than 50 kW. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	32.66
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0268
Low Voltage Service Rate	\$/kWh	0.0060
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0055
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kWh	0.0022
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective until April 30, 2026		
	\$/kWh	0.0015
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046

MONTHLY RATES AND CHARGES - Regulatory Component

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0022

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non residential account whose average peak demand is greater than, or is forecast to be greater than 50 kW but less than 5,000 kW. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	202.62
Distribution Volumetric Rate	\$/kW	4.7873
Low Voltage Service Rate	\$/kW	2.3267
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	2.3816
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kW	0.8239

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0022

Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective
until April 30, 2026

	\$/kW	0.2591
Retail Transmission Rate - Network Service Rate	\$/kW	2.6041
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7907
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9274
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.4805

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0022

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak 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 demand/consumption of the proposed unmetered load. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	15.91
Distribution Volumetric Rate	\$/kWh	0.0203
Low Voltage Service Rate	\$/kWh	0.0060
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023		
Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kWh	0.0055
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kWh	0.0024
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective until April 30, 2026	\$/kWh	(0.0006)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046

MONTHLY RATES AND CHARGES - Regulatory Component

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0022

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential or General Service customer. This is typically exterior lighting, and unmetered. Consumption is estimated based on the equipment rating and estimated hours of use. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.50
Distribution Volumetric Rate	\$/kW	28.1788
Low Voltage Service Rate	\$/kW	1.8361
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023 Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	1.9251
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kW	0.8173
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective until April 30, 2026	\$/kW	(0.5741)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9737
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4131

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0022

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, 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 OEB Street Lighting Load Shape Template. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.31
Distribution Volumetric Rate	\$/kW	16.4455
Low Voltage Service Rate	\$/kW	1.7986
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until April 30, 2023 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until April 30, 2023	\$/kW	1.7202
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kW	0.8614
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) - effective until April 30, 2026	\$/kW	33.7000
Retail Transmission Rate - Network Service Rate	\$/kW	1.9641
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3842

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0022

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority'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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
----------------	----	------

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Global Adjustment and the HST.

Customer Administration

Arrears certificate	\$	15.00
Account history	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

EB-2021-0022

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
Reconnection at Pole - during regular hours	\$	185.00

Other

Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments) - Approved on an Interim Basis	\$	45.48

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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 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	\$	106.53
Monthly Fixed Charge, per retailer	\$	42.62
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.63)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.53
Processing fee, per request, applied to the requesting party	\$	1.06
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)	\$	4.26
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08

LOSS FACTORS

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	1.0673
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0567

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a single family unit, non-commercial. This can be a separately metered living accommodation, town house, apartment, semi-detached, duplex, triplex or quadruplex with residential zoning. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	21.70
Rate Rider for Recovery of (2021) Foregone Revenue Fixed - Rates Effective May 1, 2021 - effective until April 30, 2022	\$	1.53
Rate Rider for Group 2 Accounts - Pole Attachment Variance and CCA - effective until April 30, 2022	\$	(2.07)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0184
Low Voltage Service Rate	\$/kWh	0.0067
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kWh	0.0022
Rate Rider for RSVA - Power - Global Adjustment - Applicable for only Non RPP Customers - effective until April 30, 2022	\$/kWh	0.0050
Rate Rider for Account 1568 - LRAM Variance Account - effective until April 30, 2026	\$/kWh	0.0006
Rate Rider for Recovery of (2021) Foregone Revenue Variable - Rates Effective May 1, 2021 - effective until April 30, 2022	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

Standard Supply Service - Administrative Charge (if applicable)

\$

0.25

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than 50 kW. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	31.66
Rate Rider for Recovery of (2021) Foregone Revenue Fixed - Rates Effective May 1, 2021 - effective until April 30, 2022	\$	1.29
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0260
Low Voltage Service Rate	\$/kWh	0.0060
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kWh	0.0022
Rate Rider for RSVA - Power - Global Adjustment - Applicable for only Non RPP Customers - effective until April 30, 2022	\$/kWh	0.0050
Rate Rider for Group 2 Accounts - Pole Attachment Variance and CCA - effective until April 30, 2022	\$/kWh	(0.0021)
Rate Rider for Account 1568 - LRAM Variance Account - effective until April 30, 2026	\$/kWh	0.0015
Rate Rider for Recovery of (2021) Foregone Revenue Variable - Rates Effective May 1, 2021 - effective until April 30, 2022	\$/kWh	0.0008
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

Standard Supply Service - Administrative Charge (if applicable)

\$

0.25

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non residential account whose average peak demand is greater than, or is forecast to be greater than 50 kW but less than 5,000 kW. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	196.43
Distribution Volumetric Rate	\$/kW	4.6411
Low Voltage Service Rate	\$/kW	2.3267
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kW	0.8239
Rate Rider for RSVA - Power - Global Adjustment - Applicable for only Non RPP Customers - effective until April 30, 2022	\$/kWh	0.0050
Rate Rider for Group 2 Accounts - Pole Attachment Variance and CCA - effective until April 30, 2022	\$/kW	(0.3609)
Rate Rider for Account 1568 - LRAM Variance Account - effective until April 30, 2026	\$/kW	0.2591
Rate Rider for Recovery of (2021) Foregone Revenue Variable - Rates Effective May 1, 2021 - effective until April 30, 2022	\$/kWh	0.0004
Retail Transmission Rate - Network Service Rate	\$/kW	2.5889
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7589
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9103
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.4365

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

Standard Supply Service - Administrative Charge (if applicable)

\$

0.25

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak 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 demand/consumption of the proposed unmetered load. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	15.42
Rate Rider for Recovery of (2021) Foregone Revenue Fixed - Rates Effective May 1, 2021 - effective until April 30, 2022	\$	0.63
Distribution Volumetric Rate	\$/kWh	0.0197
Low Voltage Service Rate	\$/kWh	0.0060
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kWh	0.0024
Rate Rider for RSVA - Power - Global Adjustment - Applicable for only Non RPP Customers - effective until April 30, 2022	\$/kWh	0.0050
Rate Rider for Group 2 Accounts - Pole Attachment Variance and CCA - effective until April 30, 2022	\$/kWh	(0.0028)
Rate Rider for Account 1568 - LRAM Variance Account - effective until April 30, 2026	\$/kWh	(0.0006)
Rate Rider for Recovery of (2021) Foregone Revenue Variable - Rates Effective May 1, 2021 - effective until April 30, 2022	\$/kWh	0.0008
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential or General Service customer. This is typically exterior lighting, and unmetered. Consumption is estimated based on the equipment rating and estimated hours of use. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.39
Rate Rider for Recovery of (2021) Foregone Revenue Fixed - Rates Effective May 1, 2021 - effective until April 30, 2022	\$	0.25
Distribution Volumetric Rate	\$/kW	27.3183
Low Voltage Service Rate	\$/kW	1.8361
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kW	0.8173
Rate Rider for RSVA - Power - Global Adjustment - Applicable for only Non RPP Customers - effective until April 30, 2022	\$/kWh	0.0050
Rate Rider for Group 2 Accounts - Pole Attachment Variance and CCA - effective until April 30, 2022	\$/kWh	(0.0061)
Rate Rider for Account 1568 - LRAM Variance Account - effective until April 30, 2026	\$/kW	(0.5741)
Rate Rider for Recovery of (2021) Foregone Revenue Variable - Rates Effective May 1, 2021 - effective until April 30, 2022	\$/kWh	0.0056
Retail Transmission Rate - Network Service Rate	\$/kW	1.9623
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3880

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, 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 OEB Street Lighting Load Shape Template. 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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.27
Rate Rider for Recovery of (2021) Foregone Revenue Fixed - Rates Effective May 1, 2021 - effective until April 30, 2022	\$	(0.28)
Distribution Volumetric Rate	\$/kW	15.9433
Low Voltage Service Rate	\$/kW	1.7986
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2026	\$/kW	0.8614
Rate Rider for RSVA - Power - Global Adjustment - Applicable for only Non RPP Customers - effective until April 30, 2022	\$/kWh	0.0050
Rate Rider for Group 2 Accounts - Pole Attachment Variance and CCA - effective until April 30, 2022	\$/kW	(1.7862)
Rate Rider for Account 1568 - LRAM Variance Account - effective until April 30, 2026	\$/kW	33.7000
Rate Rider for Recovery of (2021) Foregone Revenue Variable - Rates Effective May 1, 2021 - effective until April 30, 2022	\$/kWh	(0.0054)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9526
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3596

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

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

Standard Supply Service - Administrative Charge (if applicable)

\$

0.25

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority'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 License of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
----------------	----	------

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Customer Administration

Arrears certificate	\$	15.00
Account history	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

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

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account Charge - no disconnection	\$	30.00
Disconnect/Reconnect at Meter - during regular hours	\$	65.00
Disconnect/Reconnect at Pole - during regular hours	\$	185.00

Other

Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00
Specific charge for access to the power poles - \$/pole/year	\$	44.50

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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.24
Monthly Fixed Charge, per retailer	\$	41.70
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.17

LOSS FACTORS

Espanola Regional Hydro Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2021

Implementation Date July 1, 2021

**This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and 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	1.0673
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0567

Appendix C

2022 Proposed Tariff of Rates and Charges

Customer Class: STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)
Consumption	4,508 kWh
Demand	13 kW
Current Loss Factor	1.0673
Proposed/Approved Loss Factor	1.0673

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.27	294	\$ 373.38	\$ 1.31	294	\$ 385.14	\$ 11.76	3.15%
Distribution Volumetric Rate	\$ 15.9433	13.23	\$ 210.93	\$ 16.4455	13.23	\$ 217.57	\$ 6.64	3.15%
Fixed Rate Riders	\$ (0.28)	294	\$ (82.32)	\$ -	294	\$ -	\$ 82.32	-100.00%
Volumetric Rate Riders	\$ 31.9084	13.23	\$ 422.15	\$ 33.7000	13.23	\$ 445.85	\$ 23.70	5.61%
Sub-Total A (excluding pass through)			\$ 924.14			\$ 1,048.56	\$ 124.43	13.46%
Line Losses on Cost of Power	\$ 0.1060	303	\$ 32.16	\$ 0.1060	303	\$ 32.16	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.8614	13	\$ 11.40	\$ 2.5816	13	\$ 34.15	\$ 22.76	199.70%
CBR Class B Rate Riders	\$ -	13	\$ -	\$ -	13	\$ -	\$ -	-
GA Rate Riders	\$ 0.0050	4,508	\$ 22.54	\$ 0.0007	4,508	\$ 3.16	\$ (19.38)	-86.00%
Low Voltage Service Charge	\$ 1.7986	13	\$ 23.80	\$ 1.7986	13	\$ 23.80	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	294	\$ -	\$ -	294	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	294	\$ -	\$ -	294	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	13	\$ -	\$ -	13	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,014.02			\$ 1,141.83	\$ 127.80	12.60%
RTSR - Network	\$ 1.9526	13	\$ 25.83	\$ 1.9641	13	\$ 25.99	\$ 0.15	0.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3596	13	\$ 17.99	\$ 1.3842	13	\$ 18.31	\$ 0.33	1.81%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,057.84			\$ 1,186.12	\$ 128.28	12.13%
Wholesale Market Service Charge (WMS)	\$ 0.0034	4,811	\$ 16.36	\$ 0.0034	4,811	\$ 16.36	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	4,811	\$ 2.41	\$ 0.0005	4,811	\$ 2.41	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	294	\$ 73.50	\$ 0.25	294	\$ 73.50	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1060	4,508	\$ 477.80	\$ 0.1060	4,508	\$ 477.80	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 1,627.90			\$ 1,756.18	\$ 128.28	7.88%
HST	13%		\$ 211.63	13%		\$ 228.30	\$ 16.68	7.88%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	-
Total Bill on Average IESO Wholesale Market Price			\$ 1,839.53			\$ 1,984.48	\$ 144.96	7.88%

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP
Consumption	318 kWh
Demand	- kW
Current Loss Factor	1.0673
Proposed/Approved Loss Factor	1.0673

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.70	1	\$ 21.70	\$ 26.79	1	\$ 26.79	\$ 5.09	23.46%
Distribution Volumetric Rate	\$ 0.0184	318	\$ 5.85	\$ 0.0142	318	\$ 4.52	\$ (1.34)	-22.83%
Fixed Rate Riders	\$ (0.54)	1	\$ (0.54)	\$ -	1	\$ -	\$ 0.54	-100.00%
Volumetric Rate Riders	\$ 0.0008	318	\$ 0.25	\$ 0.0006	318	\$ 0.19	\$ (0.06)	-25.00%
Sub-Total A (excluding pass through)			\$ 27.27			\$ 31.50	\$ 4.23	15.52%
Line Losses on Cost of Power	\$ 0.1034	21	\$ 2.21	\$ 0.1034	21	\$ 2.21	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0022	318	\$ 0.70	\$ 0.0077	318	\$ 2.45	\$ 1.75	250.00%
CBR Class B Rate Riders	\$ -	318	\$ -	\$ -	318	\$ -	\$ -	-
GA Rate Riders	\$ -	318	\$ -	\$ -	318	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0067	318	\$ 2.13	\$ 0.0067	318	\$ 2.13	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	318	\$ -	\$ -	318	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 32.88			\$ 38.86	\$ 5.98	18.19%
RTSR - Network	\$ 0.0069	339	\$ 2.34	\$ 0.0069	339	\$ 2.34	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0050	339	\$ 1.70	\$ 0.0051	339	\$ 1.73	\$ 0.03	2.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 36.92			\$ 42.93	\$ 6.01	16.29%
Wholesale Market Service Charge (WMS)	\$ 0.0034	339	\$ 1.15	\$ 0.0034	339	\$ 1.15	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	339	\$ 0.17	\$ 0.0005	339	\$ 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	204	\$ 16.69	\$ 0.0820	204	\$ 16.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	57	\$ 6.47	\$ 0.1130	57	\$ 6.47	\$ -	0.00%
TOU - On Peak	\$ 0.1700	57	\$ 9.73	\$ 0.1700	57	\$ 9.73	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 71.38			\$ 77.39	\$ 6.01	8.43%
HST	13%		\$ 9.28	13%		\$ 10.06	\$ 0.78	8.43%
Ontario Electricity Rebate	18.9%		\$ (13.49)	18.9%		\$ (14.63)	\$ (1.14)	-
Total Bill on TOU			\$ 67.17			\$ 72.83	\$ 5.66	8.43%

Appendix D

2022 IRM Rate Generator Model



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Version 1.0

Utility Name	Espanola Regional Hydro Distribution Corporation
Assigned EB Number	EB-2021-0022
Name of Contact and Title	Tyler Kasubeck Regulatory Financial Analyst
Phone Number	705-987-2095
Email Address	regulatory@ssmpuc.com
We are applying for rates effective	May 1, 2022
Rate-Setting Method	Price Cap IR
1. Select the last Cost of Service rebasing year.	2021
To determine the first year the continuity schedules in tab 3 will be generated for input, answer the following questions: For all the the responses below, when selecting a year, select the year relating to the account balance. For example, if the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019.	
2. For Accounts 1588 and 1589, please indicate the year of the account balances that the accounts were last disposed on a final basis for information purposes.	2019
Determine whether scenario a or b below applies, then select the appropriate year.	
a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved for disposition on a final basis.	2019
b) If the account balances were last approved on an interim basis, and	
i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis. ii) there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.	
3. For the remaining Group 1 DVAs, please indicate the year of the account balances that were last disposed on a final basis	2019
Determine whether scenario a or b below applies, then select the appropriate year.	
a) If the account balances were last approved on a final basis, select the year of the year-end balances that the balance was were last approved on a final basis.	2019
b) If the accounts were last approved on an interim basis, and	
i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis. ii) If there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.	
4. Select the earliest vintage year in which there is a balance in Account 1595. (e.g. # 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016.)	2014
5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance selected in #2 above to the year requested for disposition)?	No
6. Did you have any Class A customers at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year selected in #3 above to the year requested for disposition)?	No
7. Retail Transmission Service Rates: Espanola Regional Hydro Distribution Corporation is:	Fully Embedded
8. Have you transitioned to fully fixed rates?	No

Legend

- ☐ Pale green cells represent input cells.
- ☐ Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.
- ☐ Red cells represent flags to identify either non-matching values or incorrect user selections.
- ☐ Pale grey cells represent auto-populated RRR data.
- ☐ White cells contain fixed values, automatically generated values or formulae.

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your IRM application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

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

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Please refer to the footnotes for further instructions.

		2019									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2019	Transactions Debit/ (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments ¹ during 2019	Closing Principal Balance as of Dec 31, 2019	Opening Interest Amounts as of Jan 1, 2019	Interest Jan 1 to Dec 31, 2019	OEB-Approved Disposition during 2019	Interest Adjustments ¹ during 2019	Closing Interest Amounts as of Dec 31, 2019
Group 1 Accounts											
LV Variance Account	1550	0			(205,515)	(205,515)	0			(10,121)	(10,121)
Smart Metering Entity Charge Variance Account	1551	0			(5,177)	(5,177)	0			(266)	(266)
RSVA - Wholesale Market Service Charge ⁵	1580	0			(77,310)	(77,310)	0			(9,377)	(9,377)
Variance WMS – Sub-account CBR Class A ⁵	1580	0			0	0	0			0	0
Variance WMS – Sub-account CBR Class B ⁵	1580	0			0	0	0			0	0
RSVA - Retail Transmission Network Charge	1584	0			14,049	14,049	0			(2,924)	(2,924)
RSVA - Retail Transmission Connection Charge	1586	0			878,323	878,323	0			35,457	35,457
RSVA - Power ⁴	1588	0			373,973	373,973	0			(12,469)	(12,469)
RSVA - Global Adjustment ⁴	1589	0			(208,211)	(208,211)	0			(12,899)	(12,899)
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) ³	1595	0			86,009	86,009	0			(44,507)	(44,507)
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2020) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) ³	1595	0				0	0				0
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0				0
RSVA - Global Adjustment requested for disposition	1589	0	0	0	(208,211)	(208,211)	0	0	0	(12,899)	(12,899)
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		0	0	0	978,341	978,341	0	0	0	300	300
Total Group 1 Balance requested for disposition		0	0	0	770,130	770,130	0	0	0	(12,598)	(12,598)
RSVA - Global Adjustment		0	0	0	(208,211)	(208,211)	0	0	0	(12,899)	(12,899)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	1,064,351	1,064,351	0	0	0	(44,207)	(44,207)
Total Group 1 Balance		0	0	0	856,139	856,139	0	0	0	(57,105)	(57,105)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		0	0	0	770,130	770,130	0	0	0	(12,598)	(12,598)



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 21.7 RRR filing.

Please refer to the footnotes for further instructions.

		2020									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2020	Transactions Debit/(Credit) during 2020	OEB-Approved Disposition during 2020	Principal Adjustments ¹ during 2020	Closing Principal Balance as of Dec 31, 2020	Opening Interest Amounts as of Jan 1, 2020	Interest Jan 1 to Dec 31, 2020	OEB-Approved Disposition during 2020	Interest Adjustments ¹ during 2020	Closing Interest Amounts as of Dec 31, 2020
Group 1 Accounts											
LV- Variance Account	1550	(205,515)	94,677		725,116	614,278	(10,121)	(1,769)			(11,890)
Smart Metering Entity Charge Variance Account	1551	(5,177)	(100)			(5,277)	(266)	(86)			(352)
RSVA- Wholesale Market Service Charge ⁵	1580	(77,310)	(3,665)			(80,975)	(9,377)	(880)			(10,257)
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B ⁵	1580	0				0	0				0
RSVA- Retail Transmission Network Charge	1584	14,049	21,258		(1,740)	33,567	(2,924)	255			(2,669)
RSVA- Retail Transmission Connection Charge	1586	878,323	53,531		(723,376)	208,477	35,457	10,584			46,041
RSVA- Power ⁴	1588	373,973	44,482		(303,615)	114,839	(12,469)	7,437		(22,442)	(27,474)
RSVA- Global Adjustment ⁴	1589	(208,211)	104,001		164,681	60,471	(12,899)	166		18,016	5,283
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) ³	1595	86,009				86,009	(44,507)	1,075			(43,432)
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2020) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021) ³	1595	0				0	0				0
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595	0				0	0				0
RSVA- Global Adjustment requested for disposition	1589	(208,211)	104,001	0	164,681	60,471	(12,899)	166	0	18,016	5,283
Total Group 1 Balance excluding Account 1589- Global Adjustment requested for disposition		978,341	210,183	0	(303,615)	884,909	300	15,541	0	(22,442)	(6,601)
Total Group 1 Balance requested for disposition		770,130	314,184	0	(138,934)	945,380	(12,598)	15,707	0	(4,426)	(1,317)
RSVA- Global Adjustment		(208,211)	104,001	0	164,681	60,471	(12,899)	166	0	18,016	5,283
Total Group 1 Balance excluding Account 1589- Global Adjustment		1,064,351	210,183	0	(303,615)	970,918	(44,207)	16,616	0	(22,442)	(50,033)
Total Group 1 Balance		856,139	314,184	0	(138,934)	1,031,389	(57,105)	16,782	0	(4,426)	(44,749)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0		0		0	0				0
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		770,130	314,184	0	(138,934)	945,380	(12,598)	15,707	0	(4,426)	(1,317)

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Please refer to the footnotes for further instructions.

		2021				Projected Interest on Dec-31-2020 Balances					2.1.7 RRR ⁵	
Account Descriptions	Account Number	Principal Disposition during 2021 - instructed by OEB	Interest Disposition during 2021 - instructed by OEB	Closing Principal Balances as of Dec 31, 2020 Adjusted for Disposition during 2021	Closing Interest Balances as of Dec 31, 2020 Adjusted for Disposition during 2021	Projected Interest from Jan 1, 2021 to Dec 31, 2021 on Dec 31, 2020 balance adjusted for disposition during 2021 ²	Projected Interest from Jan 1, 2022 to Apr 30, 2022 on Dec 31, 2020 balance adjusted for disposition during 2021 ²	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2020	Variance RRR vs. 2020 Balance (Principal + Interest)
Group 1 Accounts												
LV Variance Account	1550	519,601	(14,119)	94,677	2,229	540	180	2,948	97,625		(122,728)	(725,116)
Smart Metering Entity Charge Variance Account	1551	(5,177)	(345)	(100)	(7)	(1)	(0)	(8)	(108)		(5,629)	0
RSVA - Wholesale Market Service Charge ⁵	1580	(77,310)	(10,550)	(3,665)	293	(21)	(7)	265	(3,400)		(91,232)	0
Variance WMS – Sub-account CBR Class A ⁵	1580			0	0	0	0	0	0		0	0
Variance WMS – Sub-account CBR Class B ⁵	1580			0	0	0	0	0	0		0	0
RSVA - Retail Transmission Network Charge	1584	14,049	(2,651)	19,518	(18)	111	37	130	19,648		32,638	1,740
RSVA - Retail Transmission Connection Charge	1588	154,946	52,541	53,531	(6,500)	305	102	(6,093)	47,438		977,895	723,376
RSVA - Power ⁴	1588	(23,801)	(33,863)	138,640	6,389	790	263	7,442	146,082		132,142	44,776
RSVA - Global Adjustment ⁴	1589	50,628	5,118	9,843	166	56	19	240	10,083		159,913	94,159
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015) ³	1596	86,008	(42,834)	1	(598)	0	0	(598)	0	No	42,578	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1596			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1596			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1596			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1596			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2020) ³	1596			0	0			0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2021) ³	1596			0	0			0	0	No	0	0
Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.	1596			0	0			0	0	No		0
RSVA - Global Adjustment requested for disposition	1589	50,628	5,118	9,843	166	56	19	240	10,083		159,913	94,159
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		582,308	(8,986)	302,601	2,385	1,725	575	4,685	307,286		965,662	87,353
Total Group 1 Balance requested for disposition		632,936	(3,868)	312,444	2,551	1,781	594	4,925	317,369		1,125,574	181,512
RSVA - Global Adjustment		50,628	5,118	9,843	166	56	19	240				
Total Group 1 Balance excluding Account 1589 - Global Adjustment		668,316	(51,820)	302,602	1,787	1,725	575	4,087				
Total Group 1 Balance		718,944	(46,702)	312,445	1,953	1,781	594	4,328			\$1,125,574	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			0	0			0	0			0
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		632,936	(3,868)	312,444	2,551	1,781	594	4,925	317,369		1,125,574	181,512



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Data on this worksheet has been populated using your most recent RRR filing.

If you have identified any issues, please contact the OEB.

Have you confirmed the accuracy of the data below?

Yes

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	32,014,348	0	543,805	0	0	0	32,014,348	0		2,918
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	9,573,312	0	1,354,361	0	0	0	9,573,312	0		381
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	14,098,142	32,414	12,798,662	32,091	0	0	14,098,142	32,414		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	123,636	0	10,764	0	0	0	123,636	0		
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	23,555	67	907	2	0	0	23,555	67		
STREET LIGHTING SERVICE CLASSIFICATION	kW	304,412	969	304,412	968	0	0	304,412	969		
Total		56,137,405	33,450	15,012,911	33,061	0	0	56,137,405	33,450	0	3,299

Threshold Test

Total Claim (including Account 1568)

\$317,369

Total Claim for Threshold Test (All Group 1 Accounts)

\$317,369

Threshold Test (Total claim per kWh) ²

\$0.0057

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

YES



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	1550	allocated based on Total less WMP		1584	allocated based on Total less WMP		1568
					1551	1580		1586	1588	
RESIDENTIAL SERVICE CLASSIFICATION	57.0%	88.5%	57.0%	55,674	(96)	(1,939)	11,205	27,053	83,309	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	17.1%	11.5%	17.1%	16,648	(13)	(580)	3,351	8,090	24,912	0
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	25.1%	0.0%	25.1%	24,517	0	(854)	4,934	11,914	36,687	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	215	0	(7)	43	104	322	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	41	0	(1)	8	20	61	0
STREET LIGHTING SERVICE CLASSIFICATION	0.5%	0.0%	0.5%	529	0	(18)	107	257	792	0
Total	100.0%	100.0%	100.0%	97,625	(108)	(3,400)	19,648	47,438	146,082	0

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



Ontario Energy Board

Rate-setting Mechanism Rate Generator for 2022 Filers

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

Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used.

Default Rate Rider Recovery Period (in months)	12
Proposed Rate Rider Recovery Period (in months)	12

Rate Rider Recovery to be used below

		Total Metered Non-RPP 2020 Consumption excluding WMP kWh	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption) kWh	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	543,805	543,805	3.6%	\$365	\$0.0007	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	1,354,361	1,354,361	9.0%	\$910	\$0.0007	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	12,798,662	12,798,662	85.3%	\$8,596	\$0.0007	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	10,764	10,764	0.1%	\$7	\$0.0007	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	907	907	0.0%	\$1	\$0.0011	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	304,412	304,412	2.0%	\$204	\$0.0007	kWh
Total		15,012,911	15,012,911	100.0%	\$10,083		



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

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

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) ²	Deferral/Variance Account Rate Rider for			Revenue Reconciliation ¹
								Deferral/Variance Account Rate Rider ²	Non-WMP (if applicable) ²	Account 1568 Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	32,014,348	0	32,014,348	0	175,207		0.0055		0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	9,573,312	0	9,573,312	0	52,409		0.0055		0.0000	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	14,098,142	32,414	14,098,142	32,414	77,198		2.3816		0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	123,636	0	123,636	0	677		0.0055		0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	23,555	67	23,555	67	129		1.9251		0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	304,412	969	304,412	969	1,667		1.7202		0.0000	
											308,405.17

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

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



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2021	2022
OEB-Approved Rate Base	\$ 7,464,399	\$ 7,464,399
OEB-Approved Regulatory Taxable Income	\$ -	\$ -
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) ^{1,2}		9.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.2%
Ontario Small Business Rate (calculated effective rate) ^{1,2}		3.2%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ -
Provincial Taxes Payable		\$ -
Federal Effective Tax Rate		0.0%
Provincial Effective Tax Rate		0.0%
Combined Effective Tax Rate	26.5%	0.0%
Total Income Taxes Payable	\$ -	\$ -
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$ -
Income Tax Provision	\$ -	\$ -
Grossed-up Income Taxes	\$ -	\$ -
Incremental Grossed-up Tax Amount		\$ -
Sharing of Tax Amount (50%)		\$ -

Notes

- Regarding the small business deduction, if applicable,
 - If taxable capital exceeds \$15 million, the small business rate will not be applicable.
 - If taxable capital is below \$10 million, the small business rate would be applicable.
 - If taxable capital is between \$10 million and \$15 million, the appropriate small business rate will be calculated.
- The OEB's proxy for taxable capital is rate base.



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-approved Cost of Service application in columns C through H.

As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
Total		0	0	0				0	0	0	0				0.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	32,014,348		0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	9,573,312		0	0.0000 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	14,096,142	32,414	0	0.0000 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	123,636		0	0.0000 kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	23,555	67	0	0.0000 kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	304,412	969	0	0.0000 kW
Total		56,137,405	33,450	0	

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes in your manager's summary. As well, the Loss Factor has been imported from Tab 2.

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069	32,014,348	0	1.0673	34,168,914
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050	32,014,348	0	1.0673	34,168,914
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	9,573,312	0	1.0673	10,217,596
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045	9,573,312	0	1.0673	10,217,596
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5889	12,684,483	29,821		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7589	12,684,483	29,821		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9103	1,413,659	2,593		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Meter	\$/kW	2.4365	1,413,659	2,593		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	123,636	0	1.0673	131,957
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045	123,636	0	1.0673	131,957
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9623	23,555	67		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3880	23,555	67		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9526	304,412	969		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3596	304,412	969		



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Uniform Transmission Rates		Unit	2020	2021 Jan to Jun	2021 Jul to Dec	2022
Rate Description			Rate	Rate		Rate
Network Service Rate	kW	\$	3.92	\$	4.67	\$ 4.90
Line Connection Service Rate	kW	\$	0.97	\$	0.77	\$ 0.81
Transformation Connection Service Rate	kW	\$	2.33	\$	2.53	\$ 2.65

Hydro One Sub-Transmission Rates		Unit	2020	2021	2022	
Rate Description			Rate	Rate	Rate	
Network Service Rate	kW	\$	3.3980	\$	3.4778	\$ 3.4778
Line Connection Service Rate	kW	\$	0.8045	\$	0.8128	\$ 0.8128
Transformation Connection Service Rate	kW	\$	2.0194	\$	2.0458	\$ 2.0458
Both Line and Transformation Connection Service Rate	kW	\$	2.8239	\$	2.8586	\$ 2.8586

If needed, add extra host here. (I)		Unit	2020	2021	2022		
Rate Description			Rate	Rate	Rate		
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-

If needed, add extra host here. (II)		Unit	2020	2021	2022		
Rate Description			Rate	Rate	Rate		
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-
Low Voltage Switchgear Credit (if applicable, enter as a negative value)		\$	Historical 2020	Current 2021	Forecast 2022		



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed. If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.00			\$0.00			\$0.00		\$ -
February		\$0.00			\$0.00			\$0.00		\$ -
March		\$0.00			\$0.00			\$0.00		\$ -
April		\$0.00			\$0.00			\$0.00		\$ -
May		\$0.00			\$0.00			\$0.00		\$ -
June		\$0.00			\$0.00			\$0.00		\$ -
July		\$0.00			\$0.00			\$0.00		\$ -
August		\$0.00			\$0.00			\$0.00		\$ -
September		\$0.00			\$0.00			\$0.00		\$ -
October		\$0.00			\$0.00			\$0.00		\$ -
November		\$0.00			\$0.00			\$0.00		\$ -
December		\$0.00			\$0.00			\$0.00		\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	11,617	\$3.3980	\$ 39,476	11,669	\$0.8045	\$ 9,388	9,212	\$2.0194	\$ 18,602	\$ 27,990
February	11,875	\$3.3980	\$ 40,350	11,894	\$0.8045	\$ 9,569	9,401	\$2.0194	\$ 18,984	\$ 28,553
March	9,311	\$3.3980	\$ 31,638	9,933	\$0.8045	\$ 7,991	8,008	\$2.0194	\$ 16,171	\$ 24,162
April	8,017	\$3.3980	\$ 27,241	8,103	\$0.8045	\$ 6,519	6,525	\$2.0194	\$ 13,177	\$ 19,696
May	8,320	\$3.3980	\$ 28,271	8,320	\$0.8045	\$ 6,693	6,903	\$2.0194	\$ 13,941	\$ 20,634
June	8,355	\$3.3980	\$ 28,391	8,355	\$0.8045	\$ 6,722	7,286	\$2.0194	\$ 14,713	\$ 21,435
July	9,140	\$3.3980	\$ 31,059	9,140	\$0.8045	\$ 7,353	7,958	\$2.0194	\$ 16,069	\$ 23,423
August	8,622	\$3.3980	\$ 29,297	8,622	\$0.8045	\$ 6,936	7,518	\$2.0194	\$ 15,181	\$ 22,118
September	6,792	\$3.3980	\$ 23,080	6,868	\$0.8045	\$ 5,526	5,667	\$2.0194	\$ 11,445	\$ 16,970
October	8,963	\$3.3980	\$ 30,455	9,056	\$0.8045	\$ 7,285	7,278	\$2.0194	\$ 14,698	\$ 21,983
November	9,989	\$3.3980	\$ 33,942	10,002	\$0.8045	\$ 8,047	8,139	\$2.0194	\$ 16,436	\$ 24,482
December	11,443	\$3.3980	\$ 38,885	11,443	\$0.8045	\$ 9,206	9,193	\$2.0194	\$ 18,565	\$ 27,771
Total	112,444	\$ 3.3980	\$ 382,086	113,406	\$ 0.8045	\$ 91,235	93,088	\$ 2.0194	\$ 187,981	\$ 279,217

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

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

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	11,617	\$ 3.3980	\$ 39,476	11,669	\$ 0.8045	\$ 9,388	9,212	\$ 2.0194	\$ 18,602	\$ 27,990
February	11,875	\$ 3.3980	\$ 40,350	11,894	\$ 0.8045	\$ 9,569	9,401	\$ 2.0194	\$ 18,984	\$ 28,553
March	9,311	\$ 3.3980	\$ 31,638	9,933	\$ 0.8045	\$ 7,991	8,008	\$ 2.0194	\$ 16,171	\$ 24,162
April	8,017	\$ 3.3980	\$ 27,241	8,103	\$ 0.8045	\$ 6,519	6,525	\$ 2.0194	\$ 13,177	\$ 19,696
May	8,320	\$ 3.3980	\$ 28,271	8,320	\$ 0.8045	\$ 6,693	6,903	\$ 2.0194	\$ 13,941	\$ 20,634
June	8,355	\$ 3.3980	\$ 28,391	8,355	\$ 0.8045	\$ 6,722	7,286	\$ 2.0194	\$ 14,713	\$ 21,435
July	9,140	\$ 3.3980	\$ 31,059	9,140	\$ 0.8045	\$ 7,353	7,958	\$ 2.0194	\$ 16,069	\$ 23,423
August	8,622	\$ 3.3980	\$ 29,297	8,622	\$ 0.8045	\$ 6,936	7,518	\$ 2.0194	\$ 15,181	\$ 22,118
September	6,792	\$ 3.3980	\$ 23,080	6,868	\$ 0.8045	\$ 5,526	5,667	\$ 2.0194	\$ 11,445	\$ 16,970
October	8,963	\$ 3.3980	\$ 30,455	9,056	\$ 0.8045	\$ 7,285	7,278	\$ 2.0194	\$ 14,698	\$ 21,983
November	9,989	\$ 3.3980	\$ 33,942	10,002	\$ 0.8045	\$ 8,047	8,139	\$ 2.0194	\$ 16,436	\$ 24,482
December	11,443	\$ 3.3980	\$ 38,885	11,443	\$ 0.8045	\$ 9,206	9,193	\$ 2.0194	\$ 18,565	\$ 27,771
Total	112,444	\$ 3.40	\$ 382,086	113,406	\$ 0.80	\$ 91,235	93,088	\$ 2.02	\$ 187,981	\$ 279,217

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 279,217



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this sheet is to calculate the expected billing when current 2021 Uniform Transmission Rates are applied against historical 2020 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 4,6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -
February	-	\$ 4,6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -
March	-	\$ 4,6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -
April	-	\$ 4,6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -
May	-	\$ 4,6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -
June	-	\$ 4,6700	\$ -	-	\$ 0.7700	\$ -	-	\$ 2.5300	\$ -	\$ -
July	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
August	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
September	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
October	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
November	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
December	-	\$ 4,9000	\$ -	-	\$ 0.8100	\$ -	-	\$ 2.6500	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	11,617	\$ 3,4778	\$ 40,403	11,669	\$ 0.8128	\$ 9,485	9,212	\$ 2.0458	\$ 18,845	\$ 28,330
February	11,875	\$ 3,4778	\$ 41,297	11,894	\$ 0.8128	\$ 9,667	9,401	\$ 2.0458	\$ 19,232	\$ 28,900
March	9,311	\$ 3,4778	\$ 32,381	9,933	\$ 0.8128	\$ 8,073	8,008	\$ 2.0458	\$ 16,382	\$ 24,456
April	8,017	\$ 3,4778	\$ 27,881	8,103	\$ 0.8128	\$ 6,586	6,525	\$ 2.0458	\$ 13,349	\$ 19,936
May	8,320	\$ 3,4778	\$ 28,935	8,320	\$ 0.8128	\$ 6,762	6,903	\$ 2.0458	\$ 14,123	\$ 20,886
June	8,355	\$ 3,4778	\$ 29,058	8,355	\$ 0.8128	\$ 6,791	7,286	\$ 2.0458	\$ 14,905	\$ 21,697
July	9,140	\$ 3,4778	\$ 31,788	9,140	\$ 0.8128	\$ 7,429	7,958	\$ 2.0458	\$ 16,280	\$ 23,709
August	8,622	\$ 3,4778	\$ 29,985	8,622	\$ 0.8128	\$ 7,008	7,518	\$ 2.0458	\$ 15,380	\$ 22,388
September	6,792	\$ 3,4778	\$ 23,622	6,868	\$ 0.8128	\$ 5,583	5,667	\$ 2.0458	\$ 11,594	\$ 17,177
October	8,963	\$ 3,4778	\$ 31,170	9,056	\$ 0.8128	\$ 7,360	7,278	\$ 2.0458	\$ 14,890	\$ 22,250
November	9,989	\$ 3,4778	\$ 34,739	10,002	\$ 0.8128	\$ 8,130	8,139	\$ 2.0458	\$ 16,650	\$ 24,780
December	11,443	\$ 3,4778	\$ 39,798	11,443	\$ 0.8128	\$ 9,301	9,193	\$ 2.0458	\$ 18,807	\$ 28,108
Total	112,444	\$ 3.48	\$ 391,059	113,406	\$ 0.81	\$ 92,177	93,088	\$ 2.05	\$ 190,439	\$ 282,615

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

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

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	11,617	\$ 3,4778	\$ 40,403	11,669	\$ 0.8128	\$ 9,485	9,212	\$ 2.0458	\$ 18,845	\$ 28,330
February	11,875	\$ 3,4778	\$ 41,297	11,894	\$ 0.8128	\$ 9,667	9,401	\$ 2.0458	\$ 19,232	\$ 28,900
March	9,311	\$ 3,4778	\$ 32,381	9,933	\$ 0.8128	\$ 8,073	8,008	\$ 2.0458	\$ 16,382	\$ 24,456
April	8,017	\$ 3,4778	\$ 27,881	8,103	\$ 0.8128	\$ 6,586	6,525	\$ 2.0458	\$ 13,349	\$ 19,936
May	8,320	\$ 3,4778	\$ 28,935	8,320	\$ 0.8128	\$ 6,762	6,903	\$ 2.0458	\$ 14,123	\$ 20,886
June	8,355	\$ 3,4778	\$ 29,058	8,355	\$ 0.8128	\$ 6,791	7,286	\$ 2.0458	\$ 14,905	\$ 21,697
July	9,140	\$ 3,4778	\$ 31,788	9,140	\$ 0.8128	\$ 7,429	7,958	\$ 2.0458	\$ 16,280	\$ 23,709
August	8,622	\$ 3,4778	\$ 29,985	8,622	\$ 0.8128	\$ 7,008	7,518	\$ 2.0458	\$ 15,380	\$ 22,388
September	6,792	\$ 3,4778	\$ 23,622	6,868	\$ 0.8128	\$ 5,583	5,667	\$ 2.0458	\$ 11,594	\$ 17,177
October	8,963	\$ 3,4778	\$ 31,170	9,056	\$ 0.8128	\$ 7,360	7,278	\$ 2.0458	\$ 14,890	\$ 22,250
November	9,989	\$ 3,4778	\$ 34,739	10,002	\$ 0.8128	\$ 8,130	8,139	\$ 2.0458	\$ 16,650	\$ 24,780
December	11,443	\$ 3,4778	\$ 39,798	11,443	\$ 0.8128	\$ 9,301	9,193	\$ 2.0458	\$ 18,807	\$ 28,108
Total	112,444	\$ 3.48	\$ 391,059	113,406	\$ 0.81	\$ 92,177	93,088	\$ 2.05	\$ 190,439	\$ 282,615

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 282,615

The purpose of this sheet is to calculate the expected billing when forecasted 2022 Uniform Transmission Rates are applied against historical 2020 transmission units.

Total				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	11,617	\$ 3.48	\$ 40,403	11,669	\$ 0.81	\$ 9,485	9,212	\$ 2.05	\$ 18,845	\$ 28,330			
February	11,875	\$ 3.48	\$ 41,297	11,894	\$ 0.81	\$ 9,667	9,401	\$ 2.05	\$ 19,232	\$ 28,900			
March	9,311	\$ 3.48	\$ 32,381	9,933	\$ 0.81	\$ 8,073	8,008	\$ 2.05	\$ 16,382	\$ 24,456			
April	8,017	\$ 3.48	\$ 27,881	8,103	\$ 0.81	\$ 6,586	6,525	\$ 2.05	\$ 13,349	\$ 19,936			
May	8,320	\$ 3.48	\$ 28,935	8,320	\$ 0.81	\$ 6,762	6,903	\$ 2.05	\$ 14,123	\$ 20,886			
June	8,355	\$ 3.48	\$ 29,058	8,355	\$ 0.81	\$ 6,791	7,286	\$ 2.05	\$ 14,905	\$ 21,697			
July	9,140	\$ 3.48	\$ 31,788	9,140	\$ 0.81	\$ 7,429	7,958	\$ 2.05	\$ 16,280	\$ 23,709			
August	8,622	\$ 3.48	\$ 29,985	8,622	\$ 0.81	\$ 7,008	7,518	\$ 2.05	\$ 15,380	\$ 22,388			
September	6,792	\$ 3.48	\$ 23,622	6,868	\$ 0.81	\$ 5,583	5,667	\$ 2.05	\$ 11,594	\$ 17,177			
October	8,963	\$ 3.48	\$ 31,170	9,056	\$ 0.81	\$ 7,360	7,278	\$ 2.05	\$ 14,890	\$ 22,250			
November	9,989	\$ 3.48	\$ 34,739	10,002	\$ 0.81	\$ 8,130	8,139	\$ 2.05	\$ 16,650	\$ 24,780			
December	11,443	\$ 3.48	\$ 39,798	11,443	\$ 0.81	\$ 9,301	9,193	\$ 2.05	\$ 18,807	\$ 28,108			
Total	112,444	\$ 3.48	\$ 391,059	113,406	\$ 0.81	\$ 92,177	93,088	\$ 2.05	\$ 190,439	\$ 282,615			

Low Voltage Switchgear Credit (if applicable)

Total including deduction for Low Voltage Switchgear Credit

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069	34,168,914	0	235,766	60.6%	237,150	0.0069
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	10,217,596	0	65,393	16.8%	65,777	0.0064
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5889		29,821	77,204	19.9%	77,657	2.6041
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9103		2,593	7,546	1.9%	7,591	2.9274
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	131,957	0	845	0.2%	849	0.0064
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9623		67	131	0.0%	132	1.9738
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9526		969	1,892	0.5%	1,903	1.9641

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

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050	34,168,914	0	170,845	61.5%	173,932	0.0051
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045	10,217,596	0	46,979	16.6%	46,810	0.0046
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7589		29,821	52,452	18.9%	53,400	1.7907
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.4365		2,593	6,318	2.3%	6,432	2.4805
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045	131,957	0	594	0.2%	605	0.0046
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3880		67	93	0.0%	95	1.4131
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3596		969	1,317	0.5%	1,341	1.3842

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069	34,168,914	0	237,150	60.6%	237,150	0.0069
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	10,217,596	0	65,777	16.8%	65,777	0.0064
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6041		29,821	77,657	19.9%	77,657	2.6041
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9274		2,593	7,591	1.9%	7,591	2.9274
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	131,957	0	849	0.2%	849	0.0064
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9738		67	132	0.0%	132	1.9737
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9641		969	1,903	0.5%	1,903	1.9641

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	34,168,914	0	173,932	61.5%	173,932	0.0051
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046	10,217,596	0	46,810	16.6%	46,810	0.0046
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7907		29,821	53,400	18.9%	53,400	1.7907
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.4805		2,593	6,432	2.3%	6,432	2.4805
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046	131,957	0	605	0.2%	605	0.0046
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4131		67	95	0.0%	95	1.4131
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3842		969	1,341	0.5%	1,341	1.3842



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator has been set at the 2021 value and will be updated by OEB staff at a later date.

Price Escalator	3.30%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	2,920	Effective Year of Residential Rate Design Transition (yyyy)	2021
Choose Stretch Factor Group	II	Price Cap Index	3.15%	Billed kWh for Residential Class (approved in the last CoS)	32,510,304	OEB-approved # of Transition Years	5
Associated Stretch Factor Value	0.15%			Rate Design Transition Years Left	4		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge		
RESIDENTIAL SERVICE CLASSIFICATION	21.7		0.0184		3.15%	26.79	0.0142		
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	31.66		0.026		3.15%	32.66	0.0268		
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	196.43		4.6411		3.15%	202.62	4.7873		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	15.42		0.0197		3.15%	15.91	0.0203		
SENTINEL LIGHTING SERVICE CLASSIFICATION	3.39		27.3183		3.15%	3.50	28.1788		
STREET LIGHTING SERVICE CLASSIFICATION	1.27		15.9433		3.15%	1.31	16.4455		
microFIT SERVICE CLASSIFICATION	4.55					4.55			
		Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates ¹	Revenue at New F/V Split	
Current Residential Fixed Rate (inclusive of R/C adj.)		21.7000	760,368	56.0%	11.0%	4.27	67.0%	25.97	909,989
Current Residential Variable Rate (inclusive of R/C adj.)		0.0184	598,190	44.0%			33.0%	0.0138	448,642
			1,358,558						1,358,631

The Rate Design Transition has calculated a monthly fixed charge greater than or equal to \$4. Please refer to Section 3.2.3 of the Chapter 3 Filing Requirements for mitigation instructions.

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

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

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

Regulatory Charges

Effective Date of Regulatory Charges		January 1, 2021	January 1, 2022
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.25	0.25

Time-of-Use RPP Prices

As of		May 1, 2021
Off-Peak	\$/kWh	0.0820
Mid-Peak	\$/kWh	0.1130
On-Peak	\$/kWh	0.1700

Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.57
---------------------------------	----	------

Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):	\$	36.86
--	----	-------

Miscellaneous Service Charges

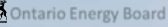
Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	44.50	2.20%	45.48

Retail Service Charges		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.24	2.20%	106.53
Monthly fixed charge, per retailer	\$	41.70	2.20%	42.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.04	2.20%	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62	2.20%	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)	2.20%	(0.63)
Service Transaction Requests (STR)			2.20%	-
Request fee, per request, applied to the requesting party	\$	0.52	2.20%	0.53
Processing fee, per request, applied to the requesting party	\$	1.04	2.20%	1.06
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.17	2.20%	4.26
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)	\$	2.00	2.20%	2.04

* inflation factor subject to change pending OEB approved inflation rate effective in 2021

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

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



In the Green Cells below, enter all proposed rate/rider/rates.
 In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with "Rate Rider for".
 In column B, choose the associated unit from the drop-down menu.
 In column C, enter the rate. All rate riders with a "£" symbol should be rounded to 2 decimal places and all others rounded to 4 decimal places.
 In column E, enter the expiry date (e.g. April 30, 2022) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).
 In column G, a sub-total (A or B) should always be assigned to the rate rider unless the rate/rider description was entered into a green cell in column A. In these particular cases, from the drop-down list in column G, choose the appropriate sub-total (A or B). Sub-total A refers to rate/rate riders that Not considered as pass through costs (e.g. LRAMVA and ICM/ACM rate riders). Sub-total B refers to rate/rider riders that are considered pass through costs.

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The bill comparisons below must be provided for typical customers and non-RPP customers. 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 (industrial customers and Non-RPP rates 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 Billing 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 2021 of \$0.1060/kWh (IESO's Monthly Market Report for June 2021) 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.

Table 1

[illegible]

Table 2

[illegible]

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP
Consumption	750 kWh
Demand	- kW
Current Loss Factor	1.0673
Proposed/Approved Loss Factor	1.0673

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.70	1	\$ 21.70	\$ 26.79	1	\$ 26.79	\$ 5.09	23.46%
Distribution Volumetric Rate	\$ 0.0184	750	\$ 13.80	\$ 0.0142	750	\$ 10.65	\$ (3.15)	-22.83%
Fixed Rate Riders	\$ (0.54)	1	\$ (0.54)	\$ -	1	\$ -	\$ 0.54	-100.00%
Volumetric Rate Riders	\$ 0.0008	750	\$ 0.60	\$ 0.0006	750	\$ 0.45	\$ (0.15)	-25.00%
Sub-Total A (excluding pass through)			\$ 35.56			\$ 37.89	\$ 2.33	6.55%
Line Losses on Cost of Power	\$ 0.1034	50	\$ 5.22	\$ 0.1034	50	\$ 5.22	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0022	750	\$ 1.65	\$ 0.0077	750	\$ 5.78	\$ 4.13	250.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0067	750	\$ 5.03	\$ 0.0067	750	\$ 5.03	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 48.03			\$ 54.48	\$ 6.46	13.44%
RTSR - Network	\$ 0.0069	800	\$ 5.52	\$ 0.0069	800	\$ 5.52	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0050	800	\$ 4.00	\$ 0.0051	800	\$ 4.08	\$ 0.08	2.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 57.55			\$ 64.09	\$ 6.54	11.36%
Wholesale Market Service Charge (WMS)	\$ 0.0034	800	\$ 2.72	\$ 0.0034	800	\$ 2.72	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	800	\$ 0.40	\$ 0.0005	800	\$ 0.40	\$ -	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)			\$ 138.49			\$ 145.02	\$ 6.54	4.72%
HST	13%		\$ 18.00	13%		\$ 18.85	\$ 0.85	4.72%
Ontario Electricity Rebate	18.9%		\$ (26.17)	18.9%		\$ (27.41)	\$ (1.24)	-
Total Bill on TOU			\$ 130.32			\$ 136.47	\$ 6.15	4.72%

Customer Class: GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP
Consumption	2,386 kWh
Demand	- kW
Current Loss Factor	1.0673
Proposed/Approved Loss Factor	1.0673

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 31.66	1	\$ 31.66	\$ 32.66	1	\$ 32.66	\$ 1.00	3.16%
Distribution Volumetric Rate	\$ 0.0260	2386	\$ 62.04	\$ 0.0268	2386	\$ 63.94	\$ 1.91	3.08%
Fixed Rate Riders	\$ 1.29	1	\$ 1.29	\$ -	1	\$ -	\$ (1.29)	-100.00%
Volumetric Rate Riders	\$ 0.0002	2386	\$ 0.48	\$ 0.0015	2386	\$ 3.58	\$ 3.10	650.00%
Sub-Total A (excluding pass through)			\$ 95.46			\$ 100.18	\$ 4.72	4.94%
Line Losses on Cost of Power	\$ 0.1034	161	\$ 16.61	\$ 0.1034	161	\$ 16.61	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0022	2,386	\$ 5.25	\$ 0.0077	2,386	\$ 18.37	\$ 13.12	250.00%
CBR Class B Rate Riders	\$ -	2,386	\$ -	\$ -	2,386	\$ -	\$ -	-
GA Rate Riders	\$ -	2,386	\$ -	\$ -	2,386	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0060	2,386	\$ 14.32	\$ 0.0060	2,386	\$ 14.32	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,386	\$ -	\$ -	2,386	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 132.21			\$ 150.05	\$ 17.84	13.50%
RTSR - Network	\$ 0.0064	2,547	\$ 16.30	\$ 0.0064	2,547	\$ 16.30	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0045	2,547	\$ 11.46	\$ 0.0046	2,547	\$ 11.71	\$ 0.25	2.22%
Sub-Total C - Delivery (including Sub-Total B)			\$ 159.96			\$ 178.06	\$ 18.10	11.31%
Wholesale Market Service Charge (WMS)	\$ 0.0034	2,547	\$ 8.66	\$ 0.0034	2,547	\$ 8.66	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,547	\$ 1.27	\$ 0.0005	2,547	\$ 1.27	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	1,527	\$ 125.22	\$ 0.0820	1,527	\$ 125.22	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	429	\$ 48.53	\$ 0.1130	429	\$ 48.53	\$ -	0.00%
TOU - On Peak	\$ 0.1700	429	\$ 73.01	\$ 0.1700	429	\$ 73.01	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 416.90			\$ 435.00	\$ 18.10	4.34%
HST	13%		\$ 54.20	13%		\$ 56.55	\$ 2.35	4.34%
Ontario Electricity Rebate	18.9%		\$ (78.80)	18.9%		\$ (82.22)	\$ (3.42)	-
Total Bill on TOU			\$ 392.31			\$ 409.34	\$ 17.03	4.34%

Customer Class: GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)
Consumption	44,361 kWh
Demand	115 kW
Current Loss Factor	1.0673
Proposed/Approved Loss Factor	1.0673

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 196.43	1	\$ 196.43	\$ 202.62	1	\$ 202.62	\$ 6.19	3.15%
Distribution Volumetric Rate	\$ 4.6411	115	\$ 533.73	\$ 4.7873	115	\$ 550.54	\$ 16.81	3.15%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.1014	115	\$ (11.66)	\$ 0.2591	115	\$ 29.80	\$ 41.46	-355.52%
Sub-Total A (excluding pass through)			\$ 718.50			\$ 782.96	\$ 64.46	8.97%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.8239	115	\$ 94.75	\$ 3.2055	115	\$ 368.63	\$ 273.88	289.06%
CBR Class B Rate Riders	\$ -	115	\$ -	\$ -	115	\$ -	\$ -	
GA Rate Riders	\$ 0.0050	44,361	\$ 221.81	\$ 0.0007	44,361	\$ 31.05	\$ (190.75)	-86.00%
Low Voltage Service Charge	\$ 2.3267	115	\$ 267.57	\$ 2.3267	115	\$ 267.57	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	115	\$ -	\$ -	115	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,302.62			\$ 1,450.21	\$ 147.59	11.33%
RTSR - Network	\$ 2.5889	115	\$ 297.72	\$ 2.6041	115	\$ 299.47	\$ 1.75	0.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7589	115	\$ 202.27	\$ 1.7907	115	\$ 205.93	\$ 3.66	1.81%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,802.62			\$ 1,955.61	\$ 153.00	8.49%
Wholesale Market Service Charge (WMS)	\$ 0.0034	47,346	\$ 160.98	\$ 0.0034	47,346	\$ 160.98	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	47,346	\$ 23.67	\$ 0.0005	47,346	\$ 23.67	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1060	47,346	\$ 5,018.73	\$ 0.1060	47,346	\$ 5,018.73	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 7,006.25			\$ 7,159.24	\$ 153.00	2.18%
HST	13%		\$ 910.81	13%		\$ 930.70	\$ 19.89	2.18%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 7,917.06			\$ 8,089.95	\$ 172.89	2.18%

Customer Class: UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP
Consumption	456 kWh
Demand	- kW
Current Loss Factor	1.0673
Proposed/Approved Loss Factor	1.0673

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 15.42	1	\$ 15.42	\$ 15.91	1	\$ 15.91	\$ 0.49	3.18%
Distribution Volumetric Rate	\$ 0.0197	456	\$ 8.98	\$ 0.0203	456	\$ 9.26	\$ 0.27	3.05%
Fixed Rate Riders	\$ 0.63	1	\$ 0.63	\$ -	1	\$ (0.63)	\$ (0.63)	-100.00%
Volumetric Rate Riders	\$ 0.0026	456	\$ (1.19)	\$ 0.0006	456	\$ (0.27)	\$ 0.91	-76.92%
Sub-Total A (excluding pass through)			\$ 23.85			\$ 24.89	\$ 1.05	4.38%
Line Losses on Cost of Power	\$ 0.1034	31	\$ 3.17	\$ 0.1034	31	\$ 3.17	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0024	456	\$ 1.09	\$ 0.0079	456	\$ 3.60	\$ 2.51	229.17%
CBR Class B Rate Riders	\$ -	456	\$ -	\$ -	456	\$ -	\$ -	
GA Rate Riders	\$ -	456	\$ -	\$ -	456	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0060	456	\$ 2.74	\$ 0.0060	456	\$ 2.74	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	456	\$ -	\$ -	456	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 30.85			\$ 34.41	\$ 3.55	11.52%
RTSR - Network	\$ 0.0064	487	\$ 3.11	\$ 0.0064	487	\$ 3.11	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0045	487	\$ 2.19	\$ 0.0046	487	\$ 2.24	\$ 0.05	2.22%
Sub-Total C - Delivery (including Sub-Total B)			\$ 36.16			\$ 39.76	\$ 3.60	9.96%
Wholesale Market Service Charge (WMS)	\$ 0.0034	487	\$ 1.65	\$ 0.0034	487	\$ 1.65	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	487	\$ 0.24	\$ 0.0005	487	\$ 0.24	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	292	\$ 23.93	\$ 0.0820	292	\$ 23.93	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	82	\$ 9.28	\$ 0.1130	82	\$ 9.28	\$ -	0.00%
TOU - On Peak	\$ 0.1700	82	\$ 13.95	\$ 0.1700	82	\$ 13.95	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 85.46			\$ 89.07	\$ 3.60	4.21%
HST	13%		\$ 11.11	13%		\$ 11.58	\$ 0.47	4.21%
Ontario Electricity Rebate	18.9%		\$ (16.15)	18.9%		\$ (16.83)	\$ (0.68)	
Total Bill on TOU			\$ 80.42			\$ 83.81	\$ 3.39	4.21%

Customer Class: SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP
Consumption	81 kWh
Demand	0 kW
Current Loss Factor	1.0673
Proposed/Approved Loss Factor	1.0673

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 3.39	1	\$ 3.39	\$ 3.50	1	\$ 3.50	\$ 0.11	3.24%
Distribution Volumetric Rate	\$ 27.3183	0.2235333	\$ 6.11	\$ 28.1788	0.22353333	\$ 6.30	\$ 0.19	3.15%
Fixed Rate Riders	\$ 0.25	1	\$ 0.25	\$ -	1	\$ -	\$ (0.25)	-100.00%
Volumetric Rate Riders	\$ 0.5746	0.2235333	\$ (0.13)	\$ 0.5741	0.22353333	\$ (0.13)	\$ 0.00	-0.09%
Sub-Total A (excluding pass through)			\$ 9.62			\$ 9.67	\$ 0.05	0.55%
Line Losses on Cost of Power	\$ 0.1034	5	\$ 0.56	\$ 0.1034	5	\$ 0.56	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.8173	0	\$ 0.18	\$ 2.7424	0	\$ 0.61	\$ 0.43	235.54%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
GA Rate Riders	\$ -	81	\$ -	\$ -	81	\$ -	\$ -	-
Low Voltage Service Charge	\$ 1.8361	0	\$ 0.41	\$ 1.8361	0	\$ 0.41	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 10.78			\$ 11.26	\$ 0.48	4.48%
RTSR - Network	\$ 1.9623	0	\$ 0.44	\$ 1.9737	0	\$ 0.44	\$ 0.00	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3880	0	\$ 0.31	\$ 1.4131	0	\$ 0.32	\$ 0.01	1.81%
Sub-Total C - Delivery (including Sub-Total B)			\$ 11.52			\$ 12.01	\$ 0.49	4.26%
Wholesale Market Service Charge (WMS)	\$ 0.0034	86	\$ 0.29	\$ 0.0034	86	\$ 0.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	86	\$ 0.04	\$ 0.0005	86	\$ 0.04	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	52	\$ 4.25	\$ 0.0820	52	\$ 4.25	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	15	\$ 1.65	\$ 0.1130	15	\$ 1.65	\$ -	0.00%
TOU - On Peak	\$ 0.1700	15	\$ 2.48	\$ 0.1700	15	\$ 2.48	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 20.49			\$ 20.98	\$ 0.49	2.40%
HST	13%		\$ 2.66	13%		\$ 2.73	\$ 0.06	2.40%
Ontario Electricity Rebate	18.9%		\$ (3.87)	18.9%		\$ (3.97)	\$ (0.09)	-
Total Bill on TOU			\$ 19.28			\$ 19.74	\$ 0.46	2.40%

Customer Class: STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)
Consumption	14,238 kWh
Demand	42 kW
Current Loss Factor	1.0673
Proposed/Approved Loss Factor	1.0673

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.27	505	\$ 641.35	\$ 1.31	505	\$ 661.55	\$ 20.20	3.15%
Distribution Volumetric Rate	\$ 15.9433	41.8	\$ 666.43	\$ 16.4455	41.8	\$ 687.42	\$ 20.99	3.15%
Fixed Rate Riders	\$ (0.28)	505	\$ (141.40)	\$ -	505	\$ -	\$ 141.40	-100.00%
Volumetric Rate Riders	\$ 31.9084	41.8	\$ 1,333.77	\$ 33.7000	41.8	\$ 1,408.66	\$ 74.89	5.61%
Sub-Total A (excluding pass through)			\$ 2,500.15			\$ 2,757.63	\$ 257.48	10.30%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ 0.8614	42	\$ 36.01	\$ 2.5816	42	\$ 107.91	\$ 71.90	199.70%
CBR Class B Rate Riders	\$ -	42	\$ -	\$ -	42	\$ -	\$ -	-
GA Rate Riders	\$ 0.0050	14,238	\$ 71.19	\$ 0.0007	14,238	\$ 9.97	\$ (61.22)	-86.00%
Low Voltage Service Charge	\$ 1.7986	42	\$ 75.18	\$ 1.7986	42	\$ 75.18	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	505	\$ -	\$ -	505	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	505	\$ -	\$ -	505	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	42	\$ -	\$ -	42	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 2,682.53			\$ 2,950.69	\$ 268.16	10.00%
RTSR - Network	\$ 1.9526	42	\$ 81.62	\$ 1.9641	42	\$ 82.10	\$ 0.48	0.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3596	42	\$ 56.83	\$ 1.3842	42	\$ 57.86	\$ 1.03	1.81%
Sub-Total C - Delivery (including Sub-Total B)			\$ 2,820.98			\$ 3,090.65	\$ 269.67	9.56%
Wholesale Market Service Charge (WMS)	\$ 0.0034	15,196	\$ 51.67	\$ 0.0034	15,196	\$ 51.67	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	15,196	\$ 7.60	\$ 0.0005	15,196	\$ 7.60	\$ -	0.00%
Standard Supply Service Charge								-
Non-RPP Retailer Avg. Price	\$ 0.1060	15,196	\$ 1,610.81	\$ 0.1060	15,196	\$ 1,610.81	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 4,491.06			\$ 4,760.73	\$ 269.67	6.00%
HST	13%		\$ 583.84	13%		\$ 618.89	\$ 35.06	6.00%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	-
Total Bill on Non-RPP Avg. Price			\$ 5,074.90			\$ 5,379.62	\$ 304.73	6.00%

Customer Class: STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)
Consumption	4,508 kWh
Demand	13 kW
Current Loss Factor	1.0673
Proposed/Approved Loss Factor	1.0673

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.27	294	\$ 373.38	\$ 1.31	294	\$ 385.14	\$ 11.76	3.15%
Distribution Volumetric Rate	\$ 15.9433	13.23	\$ 210.93	\$ 16.4455	13.23	\$ 217.57	\$ 6.64	3.15%
Fixed Rate Riders	\$ (0.28)	294	\$ (82.32)	\$ -	294	\$ -	\$ 82.32	-100.00%
Volumetric Rate Riders	\$ 31.9084	13.23	\$ 422.15	\$ 33.7000	13.23	\$ 445.85	\$ 23.70	5.61%
Sub-Total A (excluding pass through)			\$ 924.14			\$ 1,048.56	\$ 124.43	13.46%
Line Losses on Cost of Power	\$ 0.1060	303	\$ 32.16	\$ 0.1060	303	\$ 32.16	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.8614	13	\$ 11.40	\$ 2.5816	13	\$ 34.15	\$ 22.76	199.70%
CBR Class B Rate Riders	\$ -	13	\$ -	\$ -	13	\$ -	\$ -	-
GA Rate Riders	\$ 0.0050	4,508	\$ 22.54	\$ 0.0007	4,508	\$ 3.16	\$ (19.38)	-86.00%
Low Voltage Service Charge	\$ 1.7986	13	\$ 23.80	\$ 1.7986	13	\$ 23.80	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	294	\$ -	\$ -	294	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	294	\$ -	\$ -	294	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	13	\$ -	\$ -	13	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,014.02			\$ 1,141.83	\$ 127.80	12.60%
RTSR - Network	\$ 1.9526	13	\$ 25.83	\$ 1.9641	13	\$ 25.99	\$ 0.15	0.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3596	13	\$ 17.99	\$ 1.3842	13	\$ 18.31	\$ 0.33	1.81%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,057.84			\$ 1,186.12	\$ 128.28	12.13%
Wholesale Market Service Charge (WMS)	\$ 0.0034	4,811	\$ 16.36	\$ 0.0034	4,811	\$ 16.36	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	4,811	\$ 2.41	\$ 0.0005	4,811	\$ 2.41	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	294	\$ 73.50	\$ 0.25	294	\$ 73.50	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1060	4,508	\$ 477.80	\$ 0.1060	4,508	\$ 477.80	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 1,627.90			\$ 1,756.18	\$ 128.28	7.88%
HST	13%		\$ 211.63	13%		\$ 228.30	\$ 16.68	7.88%
Ontario Electricity Rebate	18.9%		\$ -	18.9%		\$ -	\$ -	-
Total Bill on Average IESO Wholesale Market Price			\$ 1,839.53			\$ 1,984.48	\$ 144.96	7.88%

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP
Consumption	318 kWh
Demand	- kW
Current Loss Factor	1.0673
Proposed/Approved Loss Factor	1.0673

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.70	1	\$ 21.70	\$ 26.79	1	\$ 26.79	\$ 5.09	23.46%
Distribution Volumetric Rate	\$ 0.0184	318	\$ 5.85	\$ 0.0142	318	\$ 4.52	\$ (1.34)	-22.83%
Fixed Rate Riders	\$ (0.54)	1	\$ (0.54)	\$ -	1	\$ -	\$ 0.54	-100.00%
Volumetric Rate Riders	\$ 0.0008	318	\$ 0.25	\$ 0.0006	318	\$ 0.19	\$ (0.06)	-25.00%
Sub-Total A (excluding pass through)			\$ 27.27			\$ 31.50	\$ 4.23	15.52%
Line Losses on Cost of Power	\$ 0.1034	21	\$ 2.21	\$ 0.1034	21	\$ 2.21	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0022	318	\$ 0.70	\$ 0.0077	318	\$ 2.45	\$ 1.75	250.00%
CBR Class B Rate Riders	\$ -	318	\$ -	\$ -	318	\$ -	\$ -	-
GA Rate Riders	\$ -	318	\$ -	\$ -	318	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0067	318	\$ 2.13	\$ 0.0067	318	\$ 2.13	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	318	\$ -	\$ -	318	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 32.88			\$ 38.86	\$ 5.98	18.19%
RTSR - Network	\$ 0.0069	339	\$ 2.34	\$ 0.0069	339	\$ 2.34	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0050	339	\$ 1.70	\$ 0.0051	339	\$ 1.73	\$ 0.03	2.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 36.92			\$ 42.93	\$ 6.01	16.29%
Wholesale Market Service Charge (WMS)	\$ 0.0034	339	\$ 1.15	\$ 0.0034	339	\$ 1.15	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	339	\$ 0.17	\$ 0.0005	339	\$ 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	204	\$ 16.69	\$ 0.0820	204	\$ 16.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	57	\$ 6.47	\$ 0.1130	57	\$ 6.47	\$ -	0.00%
TOU - On Peak	\$ 0.1700	57	\$ 9.73	\$ 0.1700	57	\$ 9.73	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 71.38			\$ 77.39	\$ 6.01	8.43%
HST	13%		\$ 9.28	13%		\$ 10.06	\$ 0.78	8.43%
Ontario Electricity Rebate	18.9%		\$ (13.49)	18.9%		\$ (14.63)	\$ (1.14)	-
Total Bill on TOU			\$ 67.17			\$ 72.83	\$ 5.66	8.43%

Appendix E

2022 GA Analysis Workform



GA Analysis Workform for 2022 Rate Applications

Version 1.0

Input cells
Drop down cells

Utility Name **ESPANOLA REGIONAL HYDRO DISTRIBUTION CORPORATION**

Note 1

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

- a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved on a final basis.
- b) If the account balances were last approved on an interim basis, and
- there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis. OR
 - there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

(e.g. If the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019)

Year Selected

2019

Instructions:

- Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the appropriate GA Analysis Workform tabs, and information in the Principal Adjustments tab and Account 1588 tab.
For example:
 - Scenario a - If 2019 balances were last approved on a final basis - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
 - Scenario bi - If 2019 balances were last approved on an interim basis and there are no changes to 2019 balances - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
 - Scenario bii - If 2019 balances were last approved on an interim basis, there are changes to 2019 balances, and 2018 balances were last approved for disposition - Select 2018 and GA Analysis Workforms for 2019 and 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
- Complete the GA Analysis Workform for each year generated.
- Complete the Account 1588 tab. Note that the number of years that require the reasonability test to be completed are shown in the Account 1588 tab, depending on the year selected on the Information Sheet.
- Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in the one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2020	\$ 25,706	\$ 104,100	\$ (94,158)	\$ 9,942	\$ (15,764)	\$ 1,786,930	-0.9%
Cumulative Balance	\$ 25,706	\$ 104,100	\$ (94,158)	\$ 9,942	\$ (15,764)	\$ 1,786,930	N/A

Account 1588 Reconciliation Summary

Year	Account 1588 as a % of Account 4705
2020	1.8%



Ontario Energy Board

GA Analysis Workform

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

Year		2020		
Total Metered excluding WMP	C = A+B	56,137,405	kWh	100%
RPP	A	21,124,494	kWh	73.3%
Non-RPP	B = D+E	15,012,912	kWh	26.7%
Non-RPP Class A	D	-	kWh	0.0%
Non-RPP Class B*	E	15,012,912	kWh	26.7%

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

Note 3 **GA Billing Rate**

GA is billed on the

1st Estimate

Note that the GA actual rates for April to June 2020 are based on the unadjusted GA rates, without the impacts of the GA deferral.

Please confirm that the adjusted GA rate was used to bill customers from April to June 2020.

For the months of April to June 2020, the IESO provided adjusted GA rates, which reflected the deferral of a portion of the GA as per the May 1, 2020 Emergency Order, and unadjusted GA rates which did not consider the GA deferral.

Yes

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

Yes

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

Yes

Note 4 **Analysis of Expected GA Amount**

Year	2020								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Price Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	N=M-K
January	1,550,224			1,550,224	0.08323	\$ 129,025	0.10232	\$ 158,619	\$ 29,594
February	1,400,399			1,400,399	0.12451	\$ 174,364	0.11331	\$ 158,079	\$ (15,684)
March	1,439,283			1,439,283	0.10432	\$ 150,146	0.11942	\$ 171,879	\$ 21,733
April	1,150,465			1,150,465	0.13707	\$ 157,694	0.11500	\$ 132,303	\$ (25,391)
May	1,151,703			1,151,703	0.09293	\$ 107,028	0.11500	\$ 132,446	\$ 25,418
June	1,207,028			1,207,028	0.11500	\$ 138,808	0.11500	\$ 138,808	\$ -
July	1,341,843			1,341,843	0.10305	\$ 138,277	0.09902	\$ 132,869	\$ (5,408)
August	1,357,321			1,357,321	0.10232	\$ 138,881	0.10346	\$ 140,456	\$ 1,574
September	1,190,640			1,190,640	0.11573	\$ 137,793	0.12176	\$ 144,972	\$ 7,180
October	1,282,197			1,282,197	0.14954	\$ 191,740	0.12806	\$ 164,198	\$ (27,542)
November	1,360,863			1,360,863	0.11670	\$ 158,813	0.11705	\$ 159,289	\$ 476
December	1,443,558			1,443,558	0.10704	\$ 154,518	0.10558	\$ 152,411	\$ (2,108)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	15,875,524	-	-	15,875,524		\$ 1,777,087		\$ 1,786,930	\$ 9,843

Annual Non-RPP Class B Wholesale kWh +	Annual Non-RPP Class B Retail billed kWh (excludes April to June 2020)	Annual Unaccounted for Energy Loss kWh	Weighted Average GA Actual Rate Paid (\$/kWh)**	Expected GA Volume Variance (\$)
O	P	Q=O-P	R	P=Q*R
12,598,130	12,366,328	141,802	0.11187	15,863

*Equal to (AOEW - Class A + embedded generation kWh)/(Non-RPP Class B retail kWh/Total retail Class B kWh). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

**Equal to annual Non-RPP Class B \$ GA paid (i.e. non-RPP portion of CT 148 on IESO invoice) divided by Non-RPP Class B Wholesale kWh (as quantified in column O in the table above). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

Total Expected GA Variance	\$ 25,706
----------------------------	-----------

Calculated Loss Factor	1.0575
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0673
Difference	-0.0098

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

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

Note 5 **Reconciling Items**

Item	Amount	Explanation	Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 104,100		Principal Adjustment on DVA Continuity Schedule If "no", please provide an explanation
CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year			
CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year			
2a Remove prior year end unbilled to actual revenue differences			
2b Add current year end unbilled to actual revenue differences			
3a Significant prior period billing adjustments recorded in current year			
3b Significant current period billing adjustments recorded in other year(s)			
4 CT 2148 for prior period corrections			
5 Impacts of GA deferral	\$ (94,158)	Non RPP GA deferral (April-May-June) rate accounting adjustment error	Yes
6			
7			
8			
9			
10			
11			

Adjusted Net Change in Principal Balance in the GL	\$ 9,942
Net Change in Expected GA Balance in the Year Per Analysis	\$ 25,706
Unresolved Difference	\$ (15,764)
Unresolved Difference as % of Expected GA Payments to IESO	-0.9%

Account 1588 Reasonability

Note 7 **Account 1588 Reasonability Test**

Year	Account 1588 - RSVA Power			Account 4705 - Power Purchased	Account 1588 as % of Account 4705
	Transactions ¹	Principal Adjustments ¹	Total Activity in Calendar Year		
2020	44,482	94,158	138,640	7,523,774	1.8%
Cumulative	44,482	94,158	138,640	7,523,774	1.8%

The annual Account 1588 balance relative to cost of power is expected to be small. If it is greater than +/-1%, provide an explanation in the text box below.

Notes

- 1) The transactions should equal the "Transaction" column in the DVA Continuity Schedule. This is also expected to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Principal adjustments should equal the "Principal Adjustments" column in the DVA Continuity Schedule. Principal adjustments adjust the transactions in the general ledger to the amount that should be requested for disposition.

Reasons for large Account 1588 balance, relative to cost of power purchased

2020

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

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

Account 1589 - RSVA Global Adjustment			
	Adjustment Description	Amount	To be reversed in current application?
1			
2			
3			
4			
5			
6			
7			
8			
Total		-	
Total principal adjustments included in last approved balance			
Difference		-	

Account 1588 - RSVA Power			
	Adjustment Description	Amount	To be Reversed in Current Application?
1			
2			
3			
4			
5			
6			
7			
8			
Total		-	
Total principal adjustments included in last approved balance			
Difference		-	

Note 9 **Principal adjustment reconciliation in current application:**

Notes

- 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
- 3) The "Variance RRR vs. 2020 Balance" column in the DVA Continuity Schedule should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.
- 4) Principal adjustments to the pro-ration of CT 148 true-ups (i.e. principal adjustment #1 in tables below) are expected to be equal and offsetting between Account 1588 and Account 1589, if not, please explain. If this results in further adjustments to RPP settlements, this should be shown separately as a principal adjustment to CT 1142/142 (i.e. principal adjustment #2 in tables below)

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

Year	Account 1589 - RSVA Global Adjustment		
	Adjustment Description	Amount	Year Recorded in GL
	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes		
	2 Unbilled to actual revenue differences		
	3 GA Unadjusted months allocation correction	(94,158)	2021
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(94,158)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	(94,158)	

Year	Account 1588 - RSVA Power		
	Adjustment Description	Amount	Year Recorded in GL
	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142/142 true-up based on actuals		
	3 Unbilled to actual revenue differences		
	4 GA Unadjusted months allocation correction	94,158	2,021
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	94,158	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	94,158	

Appendix F

2022 IRM Checklist

2022 IRM Checklist		
Espanola Regional Hydro Distribution Corporation		
EB-2021-0051		
		24-Nov-21
Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
3.1.2 Components of the Application Filing		
2	Manager's summary documenting and explaining all rate adjustments requested	Application; Manager's Summary
2	Contact info - primary contact may be a person within the distributor's organization other than the primary license contact	Application, p.3
3	Completed Rate Generator Model and supplementary work forms, Excel and PDF	Appendix D
3	Current tariff sheet, PDF	Appendix B
3	Supporting documentation (e.g. relevant past decisions, RRWF etc.)	N/A
3	Statement as to who will be affected by the application, specific customer groups affected by particular request	Manager's Summary, p.4
3	Distributor's internet address	Application, p.3
3	Statement confirming accuracy of billing determinants pre-populated in model	Manager's Summary, p.6
3	Text searchable PDF format for all documents	Yes
3	An Excel version of the IRM Checklist	Yes
3.2.2 Revenue to Cost Ratio Adjustments		
6	Revenue to Cost Ratio Adjustment Workform, if distributor is seeking revenue to cost ratio adjustments due to previous OEB decision	N/A
3.2.3 Rate Design for Residential Electricity Customers Applicable only to distributors that have not completed the residential rate design transition		
7	A plan to mitigate the impact for the whole residential class or indicate why such a plan is not required, if the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile	N/A
7	Mitigation plan if total bill increases for any customer class exceed 10%	N/A
3.2.4 Electricity Distribution Retail Transmission Service Rates No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB		
3.2.5 Review and Disposition of Group 1 DVA Balances		
8	Justification if any account balance in excess of the threshold should not be disposed	N/A
8	Completed Tab 3 - continuity schedule in Rate Generator Model	Yes
8 - 9	If Group 1 balances were last approved on an interim basis and adjustments have been made to the approved balances, a distributor needs to complete the continuity schedule starting from the last balances approved on a final basis	N/A
9	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	Manager's Summary, p.9
9	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis; If so, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled "Adjustments to Deferral and Variance Accounts"	Manager's Summary, p.9
9 - 10	Rate riders proposed for recovery or refund of balances that are proposed for disposition. The default disposition period is one year. Justification with proper supporting information is required if distributor is proposing an alternative recovery period	Manager's Summary, p.10; 2022 IRM Rate Generator Model, Tab 7
3.2.5.1 Wholesale Market Participants		
10	Separate rate riders established to recover balances in RSVAs from Wholesale Market Participants, who must not be allocated balances related to charges for which WMPs settle directly with the IESO	N/A
3.2.5.2 Global Adjustment		
11	Separate GA rate rider established (variable charge) applicable to Non-RPP Class B customers when clearing balances in the GA Variance Account	Manager's Summary, p.12; 2022 IRM Rate Generator Model, Tab 6.1
11	Populated GA Analysis Workform for each year that has not previously been approved by the OEB for disposition, irrespective of whether seeking disposition of the Account 1589 balance as part of current application. If adjustments were made to an Account 1589 balance that was previously approved on an interim basis, the GA Analysis Workform is required to be completed for each year after the distributor last received final disposition for Account 1589	Appendix E
3.2.5.3 Commodity Accounts 1588 and 1589		
12	Confirmation of implementation of the OEB's February 21, 2019 guidance effective from January 1, 2019 when requesting final disposition for the first time following implementation of the Accounting Guidance	Manager's Summary, p.12
12	Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Accounting Guidance, summary provided of the review performed. Distributors must discuss the results of review, whether any systemic issues were noted, and whether any material adjustments to the account balances have been recorded. A summary and description is provided for each adjustment made to the historical balances	N/A
13	Certification of Evidence - Distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of account balances being proposed for disposition	Appendix A
3.2.5.4 Capacity Based Recovery (CBR)		
13 - 14	Disposition proposed for Account 1580 sub-account CBR Class B in accordance with the OEB's CBR Accounting Guidance. - Embedded distributors who are not charged CBR (therefore no balance in sub-account CBR Class B) must indicate this is the case for them - In the Rate Generator model, distributors must indicate whether they had Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated - For disposition of Account 1580 sub-account CBR Class A, distributors must follow the OEB's CBR accounting guidance, which results in balances disposed outside of a rate proceeding - The Rate Generator model allocates the portion of Account 1580 sub-account CBR Class B to customers who transitioned between Class A and Class B based on consumption	N/A
3.2.5.5 Disposition of Account 1595		
14	Confirmation that residual balances in Account 1595 Sub-accounts for each vintage year have only been disposed once	Manager's Summary, p.13
15	Account 1595 Analysis Workform completed for distributors who meet the requirements for disposition of residual balances in 1595 sub-accounts (and are seeking disposition)	N/A
15	Detailed explanations provided for any significant residual balances attributable to specific rate riders for each customer rate class, including for example, differences between forecast and actual volumes	N/A
3.2.6 Lost Revenue Adjustment Mechanism Variance Account		
16	Completed latest version of LRAMVA Workform in a working Excel file when making LRAMVA requests for remaining amounts related to CFF activity	N/A
18	Final Verified Annual Reports if LRAMVA balances are being claimed from CDM programs delivered in 2017 or earlier. Participation and Cost reports in Excel format, made available by the IESO, provided to support LRAMVA balances for programs delivered after January 1, 2018	N/A
18	Meet the OEB's requirements related to personal information and commercially sensitive information as stated in the Filing Requirements	N/A
19	Statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition	N/A
19	Statement confirming LRAMVA based on verified savings results supported by the distributors final CDM Report and Persistence Savings Report (both filed in Excel format) and a statement indicating use of most recent input assumptions when calculating lost revenue	N/A
20	Summary table with principal and carrying charges by rate class and resulting rate riders	N/A
20	Statement providing the proposed disposition period; rationale provided for disposing the balance in the LRAMVA if significant rate rider is not generated for one or more customer classes	N/A
20	Statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used	N/A
20	Rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form)	N/A
20	Statement confirming whether additional documentation was provided in support of projects that were not included in distributor's final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable) For a distributor's streetlighting project(s) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings.	N/A
20 - 21	For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following information: o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS application o Confirmation that the street light upgrades represent incremental savings attributable to participation in the IESO program, and that any savings not attributable to the IESO program have been removed (for example, other upgrades under normal asset management plans) o Confirmation that the associated energy savings from the applicable IESO program have been removed from the LRAMVA workform so as not to double count savings (for example, if requesting lost revenue recovery for the demand savings from a street light upgrade program, the associated energy savings from the Retrofit program have been subtracted from the Retrofit total) o Confirmation that the distributor has received reports from the participating municipality that validate the number and type of bulbs replaced or retrofitted through the IESO program o A table, in live excel format, that shows the monthly breakdown of billed demand over the period of the street light upgrade project, and the detailed calculations of the change in billed demand due to the street light upgrade project (including data on number of bulbs, type of bulb replaced or retrofitted, average demand per	N/A

2022 IRM Checklist		
Espanola Regional Hydro Distribution Corporation		
EB-2021-0051		
		24-Nov-21
Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
21	For the recovery of lost revenues related to demand savings from other programs that are not included in the monthly Participation and Cost Reports of the IESO (for example Combined Heat and Power projects), distributors should provide the following information: o The third party evaluation report that describes the methodology to calculate the demand savings achieved for the program year. In particular, if the proposed methodology is different than the evaluation approaches used by the IESO, an explanation must be provided explaining why the proposed approach is more appropriate o Rationale for net-to-gross assumptions used o Breakdown of billed demand and detailed level calculations in live excel format	N/A
3.2.7 Tax Changes		
22	Tabs 8 and 9 of Rate Generator model are completed, if applicable	N/A
22	If a rate rider to the fourth decimal place is not generated for one or more customer classes, the entire sharing tax amount is be transferred to Account 1595 for disposition at a future date	N/A
3.2.8 Z-Factor Claims		
23	To be eligible for a Z-factor claim, a distributor must demonstrate that its achieved regulatory return on equity (ROE), during its most recently completed fiscal year, does not exceed 300 basis points above its deemed ROE embedded in its base rates	N/A
23	Evidence that costs incurred meet criteria of causation, materiality and prudence	N/A
23 - 24	In addition, the distributor must: - Notify OEB by letter of all Z-Factor events within 6 months of event - Apply to OEB for any cost recovery of amounts in the OEB-approved deferral account claimed under Z-Factor treatment - Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental - Demonstrate that costs incurred within a 12-month period and are incremental to those already being	N/A
3.2.8.2 Z-Factor Accounting Treatment		
24	Eligible Z-factor cost amounts are recorded in Account 1572, Extraordinary Event Costs. Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate sub-accounts of this account	N/A
3.2.8.3 Recovery of Z-Factor Costs		
24	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	N/A
24	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rational for proposal	N/A
24	Residential rate rider to be proposed on fixed basis	N/A
24	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	N/A
3.2.9 Off-Ramps		
24	If a distributor whose earnings are in excess of the dead band nevertheless applies for an increase to its base rates, it needs to substantiate its reasons for doing so	N/A
24 - 25	A distributor is expected to file its regulated ROE, as was filed for 2.1.5.6 of the RRR. However, if in the distributor's view this ROE has been affected by out-of-period or other items (for example, revenues or costs that pertain to a prior period but recognized in a subsequent one), it may also file a proposal to normalize its achieved regulated ROE for those impacts, for consideration by the OEB.	N/A
3.3.1 Advanced Capital Module		
4	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	N/A
26	Evidence of passing "Means Test"	N/A
26	Information on relevant project's (or projects') updated cost projections, confirmation that the project(s) are on schedule to be completed as planned and an updated ACM/ICM module in Excel format	N/A
26	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required	N/A
26	If updated cost projects are 30% greater than pre-approved amount, distributor must treat project as new ICM, re-filed business case and other relevant material required	N/A
3.3.2 Incremental Capital Module		
3.3.2.1 ICM Filing Requirements		
	The following should be provided when filing for incremental capital:	N/A
4	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	N/A
28	An analysis demonstrating that the materiality threshold test has been met and that the amounts will have a significant influence on the operation of the distributor	N/A
28	Justification that the amounts to be incurred will be prudent - amounts represents the most cost-effective option (but not necessarily the least initial cost) for ratepayers	N/A
28	Justification that amounts being sought are directly related to the cause, which must be clearly outside of the base upon which current rates were derived	N/A
28	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part, included in base rates or being funded by the expansion of service to include new customers and other load growth)	N/A
28	Details by project for the proposed capital spending plan for the expected in-service year	N/A
28	Description of the proposed capital projects and expected in-service dates	N/A
28	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	N/A
29	Calculation of each incremental project's revenue requirements that will be offset by revenue generated through other means (e.g. customer contributions in aid of construction)	N/A
29	Description of the actions the distributor would take in the event that the OEB does not approve the application	N/A
29	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	N/A
29	An updated DSP is required for any ICM request that is filed beyond the five-year horizon of the distributor's current DSP. Any ICM request that involves a significant increase to a capital budget may need to be supported by a DSP along with customer engagement analysis	N/A