Hydro Hawkesbury Inc.

2021 IRM APPLICATION EB-2020-0029

Submitted on September 21, 2020

Hydro Hawkesbury Inc. 850 Tupper St. Hawkesbury, ON K6A 3S7



September 21, 2020

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

Attention: Ms. Christine Long, Board Secretary Regarding: 2021 IRM Application (EB-2020-0029)

Dear Ms. Long,

Hydro Hawkesbury Inc. is pleased to submit to the Ontario Energy Board its 2021 IRM Application in searchable format. This application is being filed pursuant to the Board's e-Filing Services.

HHI notes that the application was updated to reflect a correction in the mechanism of the IRM model which affected the bill impacts.

We would be pleased to provide any further information or details that you may require relative to this application.

Yours truly,

[original signed]

Michel Poulin, General Manager Hydro Hawkesbury 850 Tupper Street (613) 632-6689

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IN THE MATTER OF the Ontario Energy Board Act, 1998, S.O.

1998, c.15, (Schedule B); AND IN THE MATTER OF an

Application by Hydro Hawkesbury Inc. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable distribution rates and other service charges to be effective January 1, 2021.

1 INTRODUCTION

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- 2 Hydro Hawkesbury Inc. hereby applies to the Ontario Energy Board (the "Board") for
- 3 approval of its 2021 Distribution Rate Adjustments effective January 1, 2021. Hydro
- 4 Hawkesbury applies for an Order or Orders approving the proposed distribution rates and
- 5 other charges as set out in Appendix 2 of this Application as just and reasonable rates
- and charges pursuant to Section 78 of the OEB Act. The rates adjustment being applied
- 7 for affects all classes of Hawkesbury Hydro's customer base; Residential, General Services
- 8 both less than 50K and 50kW to 4999kW, Unmetered Scattered Load, Street Lights and
- 9 Sentinel Lights .²
- 10 Hydro Hawkesbury has followed Chapter 3 of the Board's Filing Requirements for
- 11 Transmission and Distribution Applications dated May 14, 2020 along with the Key
- References listed at section 3.1.1 of the Chapter 3 Incentive Rate-Setting Applications
- This application is supported by the following Excel models which are filed in conjunction with the Manager Summary. ³
- 2021 IRM Rate Generator
 - 2021 GA Analysis Workform
 - 2021 IRM Checklist⁴

¹ MFR - Manager's summary documenting and explain all rate adjustments requested

² MFR - Statement as to who will be affected by the application, specific customer groups affected by particular request

³ MFR - Supporting Documents

⁴ MFR - An excel version of the IRM list

1 • 2021 LRAM⁵

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- The following models are not application in this application and therefore are not being submitted.
 - 2021 Revenue to Cost Ratio Adjustment Model
 - 2021 ICM/ACM Model ⁶
- 2021 1595 Workform ⁷
- 8 In the event that the Board is unable to provide a Decision and Order in this Application
- 9 for implementation by the Applicant as of January 1, 2021, Hydro Hawkesbury requests
- 10 that the Board issue an Interim Rate Order declaring the current Distribution Rates and
- 11 Specific Service Charges as interim until the decided implementation date of the approved
- 12 2021 distribution rates. If the effective date does not coincide with the Board's determined
- implementation date for 2021 distribution rates and charges, Hydro Hawkesbury requests
- 14 to be permitted to recover the incremental revenue from the effective date to the
- 15 implementation date.
- 16 Hydro Hawkesbury requests that this application be disposed of by way of a written
- 17 hearing. Hydro Hawkesbury confirms that the billing determinants used in the model are
- 18 from most recent reported RRR filings. The utility reviewed both the existing "Tariff
- 19 Sheets" and billing determinants in the pre-populated worksheets and confirms that they
- 20 were accurate.
- 21 In the preparation of this application, Hydro Hawkesbury used the 2021 IRM Rate
- 22 Generator issued on July 14, 20208.

⁵ MFR - A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform

⁶ MFR - For an incremental or pre-approved advanced capital module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module Applicable to ACM and ICM

⁷ MFR - Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub-accounts 8 MFR - Completed Rate Generator Model and supplementary work forms, Excel and PDF

- 1 The rate and other adjustments being applied for and as calculated through the use of
- 2 the above models include a Price Cap Incentive Rate-Setting ("Price Cap IR") option to
- adjust its 2021 rates. (The Price Cap IR methodology provides for a mechanistic and
- 4 formulaic adjustment to distribution rates and charges in the period between Cost of
- 5 Service applications). The model also adjusts Retail Transmission Service Rates in
- 6 accordance with Board Guideline G-2008-0001 Electricity Distribution Retail
- 7 Transmission Service Rates revised on June 28, 2012.
- 8 Hydro Hawkesbury also applies for the following matter;
 - Continuance of the Specific Services charges and Loss Factors.
 - Continuance of the MicroFit monthly charge.
 - Continuance of the Smart Meter Entity charge.
 - Hydro Hawkesbury is requesting to forego the price cap index due to an overearning in its 2019 results. As such, HHI's rates are remaining the same as its 2018 board approved rates which are as follows.

Table 1 – Proposed 2021 Rates

Class	Rate	
Residential	18.12	
General Service Less Than 50 Kw	16.01	0.0073
General Service 50 To 4,999 Kw	104.55	2.1765
Unmetered Scattered Load	7.37	0.0044
Sentinel Lighting	1.71	4.0336
Street Lighting	0.61	6.628
MicroFit	10	

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HHI notes that its Residential rates are fully fixed in compliance with OEB policy.
 Further details on Bill Impacts are presented at Section 17 of this application.

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The annual adjustment mechanism is not being applied to the following components of delivery rates:

- Rate Adders, Rate Riders, Low Voltage Service Charges, Retail Transmission Service Rates, Wholesale Market Service Rate, Rural and Remote Rate Protection Benefit and Charge, Standard Supply Service – Administrative Charge, MicroFIT Service Charge, Specific Service Charges, Transformation and Primary Metering Allowances, Smart Metering Entity Charge
- 6 HHI recognizes that the utility, its shareholder and all its customer classes will be
- 7 affected by the outcome of the herein application.

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2 DISTRIBUTOR'S PROFILE

- 10 Hydro Hawkesbury is a municipally owned utility which services and carries on the business of
- distributing electricity within the Town of Hawkesbury. Hydro Hawkesbury's customers totals
- 12 approximately 5,581 and is comprised of over 88% residential customers while 12% are small
- business or industrial based. The balance of the utility's customer base is comprised of Street
- 14 Lights, Sentinel, and Unmetered Scattered Load
- 15 Hydro Hawkesbury relies on approximately 72 km of circuits deliver approximately 141M kWh of
- energy and 185,000 kW of power to approximately 5,581 customers. The circuits can be broken
- down into roughly 57 km of overhead lines and 15 km of the underground conductor. The
- distribution system is comprised of 43 km of 3-phases circuits and 29 km of single-phase
- 19 circuits.
- 20 Hydro Hawkesbury's last Cost of Service application was for rates effective January 1, 2018.

3 PUBLICATION NOTICE

- 2 It is HHI's understanding that the Ontario Energy Board will make arrangements to
- 3 publish the notice of Application, however, if the OEB is unable to do so, the utility
- 4 proposes that its notice related to this Application appears in the following publications.
- 5 Le Carillon, 1100 Aberdeen, Hawkesbury, ON
- 6 And/or Le Régional, 124 Main St. East, Hawkesbury, ON
- 7 The primary contact for the herein application is;⁹
- 8 Michel Poulin
- 9 General Manager
- 10 Hydro Hawkesbury Inc.
- 11 850 Tupper St.
- 12 Hawkesbury, ON
- 13 K6A 3S7
- 14 Tel: 613-632-6689
- 15 www. Hydrohawkesbury.ca¹⁰
- 16 The alternate contact for the application is;
- 17 Manuela Ris-Schofield
- 18 Tandem Energy Services Inc.
- 19 Tel: 519-856-0080
- 20 Mobile: 416-562-9295

⁹ MRF - Contact info - primary contact may be a person within the applicant's organization other than the primary license contact 10 MFR - Applicant's internet address

4 PRICE CAP ADJUSTMENT

- 2 As per Board policy (Chapter 3), distribution rates are to be adjusted according to the Price Cap
- 3 model presented through the Board's Rate Generator model. The calculation would be based
- 4 on the annual percentage change in the GDP-IPI index.
- 5 In accordance with the Report of the Board: Rate Setting Parameters and Benchmarking under
- 6 the Renewed Regulatory Framework for Ontario's Electricity Distributors, Hydro Hawkesbury was
- 7 assigned Stretch Factor Group I with a Price Escalator of 0.00, Price Cap Index of 2.00% and a
- 8 Stretch Factor Value of 0.0%. However, Hydro Hawkesbury is requesting to forego the price cap
- 9 index due to an overearning in its 2019 results.¹¹
- 10 The following table shows Hydro Hawkesbury's applicable factor for its Price Cap Adjustment.

Table 2 - Price Cap Parameters

Stretch Factor Group	I
Set Price Escalator	0.00%
Revised Price Escalator	0.00%
Stretch Factor Value	0.00%
Productivity Factor	0.00%
Price Cap Index	0.00%

- 12 While the price factor adjustment under this application would apply to the fixed and volumetric
- distribution rates for Hydro Hawkesbury, it would not affect the following:
 - Rate adders and riders; Low voltage service charges; Retail Transmission Service
 Rates; Wholesale Market Service Rate; Rural Rate Protection Charge; Standard Supply
 Service Administrative Charge; MicroFIT Service Charge; Specific Service Charges.

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¹¹ MFR - A distributor whose earnings are in excess of the dead band (i.e. 300 basis points) but nevertheless applies for an increase to its base rates - an explanation to substantiate its reasons for doing so required

5 RATE DESIGN AND REVENUE TO COST RATIO ADJUSTMENT

- 2 Hydro Hawkesbury is not proposing to adjust its revenue to cost ratios in this proceeding as its
- 3 revenue to cost ratios were recently adjusted and set as part of the 2018 Cost of Service
- 4 Application. 12 As such, HHI has not complete nor is filing a completed revenue-to-cost ratio
- 5 adjustment work form.¹³
- 6 HHI confirms that its distribution rates are fully fixed.

Table 3 - Current vs. Proposed Distribution Rates

Rate Class	Current MFC	Current Volumetric Charge	Proposed MFC	Proposed Volumetric Charge
Residential	18.12		18.12	
GS<50 kW	16.01	0.0073	16.01	0.0073
GS>50 kW	104.55	2.1765	104.55	2.1765
USL	7.37	0.0044	7.37	0.0044
Sentinel Lights	1.71	4.0336	1.71	4.0336
Street Lighting	0.61	6.628	0.61	6.628
MicroFit	10		10	

⁸ The 2021 proposed tariff sheet is presented at Appendix 2 of this application. ¹⁴

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¹² MFR - If required, for distributors seeking revenue to cost ratio adjustments due to previous OEB decision, the Revenue to Cost Ratio Adjustment Workform must be filed

¹³ MFR - Completed revenue-to-cost ratio adjustment workform to adjust the revenue-to-cost ratio if previously approved by the OEB 14 Current tariff sheet, PDF

7 RTSR ADJUSTMENT

- 2 Hydro Hawkesbury is applying for an adjustment of its Retail Transmission Service Rates based
- 3 on a comparison of historical transmission costs adjusted for new UTR levels and revenues
- 4 generated from existing RTSRs. This approach is expected to minimize variances in the USoA
- 5 Accounts 1584 and 1586.
- 6 Hydro Hawkesbury used the RTSR Adjustment Worksheets embedded in the IRM Model, to
- 7 determine the proposed adjustments to the current Retail Transmission Service Rates.
- 8 The Loss Factor applied to the metered kWh is the actual Board-approved 2018 Loss Factor.
- 9 The proposed adjustments of the Retail Transmission Service Rates are shown in the table
- 10 below, and the detailed calculations can be found in the 2021 IRM Model filed in conjunction
- 11 with this application.

Table 4 - Proposed RTSR

Retail Transmission Rate – Network Service Rate

Rate Description	Unit	Current RTSR- Network	Proposed RTSR- Network
Residential	\$/kWh	0.0070	0.0073
GS<50 kW	\$/kWh	0.0064	0.0067
GS>50 kW	\$/kWh	2.6428	2.7465
USL	\$/kW	0.0064	0.0067
Sentinel Lights	\$/kWh	1.9938	2.0720
Street Lighting	\$/kW	1.9933	2.0715

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Retail Transmission Rate – Line and Transformation Connection Service Rate

Rate Description	Unit	Current RTSR- Connection	Proposed RTSR- Connection
Residential	\$/kWh	0.0039	0.0040
GS<50 kW	\$/kWh	0.0034	0.0035
GS>50 kW	\$/kWh	1.3939	1.4154
USL	\$/kW	0.0034	0.0035
Sentinel Lights	\$/kWh	2.2001	2.2341
Street Lighting	\$/kW	1.0775	1.0941

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8 DEFERRAL AND VARIANCE ACCOUNT

8.1 REVIEW AND DISPOSITION OF GROUP 1 DVA

- 3 Hydro Hawkesbury has completed the Board Staff's 2021 IRM Rate Generator Tab 3
- 4 Continuity Schedule¹⁵ and the threshold test shows a claim per kWh of \$0.004.
- 5 HHI confirms that the billing determinants, which originate from the most recent RRR
- 6 filings are accurate. 16
- 7 The Report of the Board on Electricity Distributors' Deferral and Variance Account
- 8 Review Report (the "EDDVAR Report") provides that during the IRM plan term, the
- 9 distributor's Group 1 audited account balances will be reviewed and disposed if the
- 10 preset disposition threshold (debit or credit) is exceeded. Since the threshold was met
- 11 Hydro Hawkesbury is, therefore, seeking disposal of its deferral and variance account in
- 12 this proceeding. ¹⁷
- 13 The Hydro Hawkesbury Group, 1 total claim balance, is -\$562,429 and is comprised of the
- 14 following account balances. Details of these balances can be found in the 2021 IRM
- 15 Model.

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Table 5 - Deferral and Variance Account balances

Group 1 Accounts

1595

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1550 4,596 LV Variance Account Smart Metering Entity Charge Variance Account 1551 (608)RSVA - Wholesale Market Service Charge5 1580 (41,604)1580 Variance WMS – Sub-account CBR Class A5 0 Variance WMS - Sub-account CBR Class B5 1580 (6,420)1584 RSVA - Retail Transmission Network Charge 30,877 RSVA - Retail Transmission Connection Charge 1586 (9,117)RSVA - Power4 1588 (504,637)RSVA - Global Adjustment4 1589 (35,516)Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-1595 0 Disposition and Recovery/Refund of Regulatory Balances (2015)³ 1595 0 Disposition and Recovery/Refund of Regulatory Balances (2016)³ 1595 0

Disposition and Recovery/Refund of Regulatory Balances (2017)³

¹⁵ MFR - Completed tab 3 - continuity schedule in Rate Generator Model

¹⁶ MFR- Statement confirming accuracy of billing determinants pre-populated in model

¹⁷ Justification if any account balance in excess of the threshold should not be disposed

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Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	(77,209)
Disposition and Recovery/Refund of Regulatory Balances (2019) ³ Refer to the Filing Requirements for disposition eligibility.	1595	(12,997)
Total Group 1 Balance excluding Account 1589 - Global Adjustment	1589	(35,516)
Total Group 1 Balance		(526,913)
RSVA - Global Adjustment		(562,429)
LRAM Variance Account (only input amounts if applying for disposition of		(6,288)
this account)		
Total including Account 1568		(568,717)

- HHI confirms that no adjustment has been made to balances previously approved by the OEB on a final basis. ¹⁸
- The proposed rate riders sought for recovery or refund of balances that are proposed for disposition over the default period of one year. ¹⁹
- HHI confirms that it used the OEB model which creates a separate rate rider included in the delivery component of the bill that applies prospectively to Non-RPP Class B customers when clearing balances from the GA Variance Account.²⁰
- HHI confirms that the GA is calculated on a kWh basis.

8.2 VARIANCE FROM RRR AS A RESULT OF INTERNAL AUDIT BY AUDITORS

- 11 HHI notes that there are variances between the RRR and the balances calculated in that
- tab 3 of the model. Explanation of variance between amounts proposed for disposition
- and amounts reported in RRR for each account is presented below²¹
- 14 With respect to the explanation of variance between amounts proposed for disposition and
- amounts reported in RRR for each account, the balance of account 1580 did include the total of
- 16 RSVA and the total of CBR Class B. The amount of (\$51,646) presented for CBR Class B is

¹⁸ MFR - Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis

¹⁹ MFR - Propose rate riders for recovery or refund of balances that are proposed for disposition. The default disposition period is one year; if the applicant is proposing an alternative recovery period must provide explanation.

²⁰ MFR - Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP Class B customers when clearing balances from the GA Variance Account

²¹ MFR - Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account

- 1 incorrect. Amounts should have been (\$41,604) for RSVA and (\$6,420) for CBR Class B. HHI
- 2 confirms that the amounts in the total column claim are correct.
- 3 The differences in accounts 1588 and 1589 are due to the fact that those 2 accounts have been
- 4 recalculated from 2017 to 2019 with the new templates and methodology issued by OEB.
- 5 The difference in account 1568 LRAMVA is due to the newly calculated balance of 749 as
- 6 supported by the LRAMVA model filed in conjunction with this application.

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8.3 WHOLESALE MARKET PARTICIPANT

- 9 HHI has wholesale market participant (WMP) which can be described as any entity that
- 10 participates directly in any of the Independent Electricity System Operator (IESO) administered
- 11 markets. These participants settle commodity and market-related charges with the IESO even if
- 12 they are embedded in a distributor's distribution system. The rate rider has been calculated on
- 13 both Class B customers and Class A customers in accordance with Board policies and the
- 14 mechanism of the IRM Rate Generator. The billing determinant and all the rate riders for the GA
- are calculated on an energy basis (kWh) regardless of the billing determinant used for
- 16 distribution rates for the particular class²²

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8.4 DISPOSITION OF ACCOUNT 1595

- 19 HHI is not proposing to dispose of any of its 1595 balances as part of this application.
- Therefore, workform 1595 is not being filed with this application. ²³
- 21 The 2016 balances which were approved as part of HHI's 2018 Cost of Service
- 22 Applications were approved on a 1-year basis but does not meet the requirements from

²² MFR - Establish separate rate riders to recover balances in the RSVA's from Market Participants who must not be allocated the RSVA balances related to charges for which the WMP's settle directly with the IESO.

²³ MFR - Distributors who meet the requirements for disposition of residual balances of Account 1595 sub-accounts, must complete the 1595 Analysis Workform. Account 1595 sub-accounts are eligible for disposition when one full year has elapsed since the associated rate riders' sunset dates have expired and the residual balances have been externally audited.

- 1 the Chapter 3 Filing Requirements which state: January 1 rate year If 2018 rate riders
- 2 end on December 31, 2018, the balance of sub-account 1595 (2018) could be disposed of
- 3 once the December 31, 2020 account balance has been audited. Therefore, sub-account
- 4 1595 (2018) would be eligible for disposition in the 2022 rate year.
- 5 The 2017 and 2018 balances which were approved as part of HHI's 2019 and 2020 IRM
- 6 Application but have not met the requirements for disposition.

Table 6 - Disposition Status of Account 1595

Year of	Rate	Disposition	Interim	Rate Ride	1588	Sunset	Audited	Plus 1
Balance	Appl.	Period	/Final	Sunset Date	/1589	Reached		year
2016	2018	12 mon	Final	2019/02/28	✓	✓	✓	Χ
2017	2019	1 yr.	Interim	2019/12/31	✓	✓	Χ	Χ
2018	2020	1 yr.	Interim	2020/12/31	X	X	Χ	Χ
2019	2021	1 yr.	tbd	2021/12/31	Х	Х	Х	Χ

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- HHI also confirms that there are no residual balances for vintage Account 1595 being
- disposed of and that all historical dispositions of 1595 have only been done once. ^{24 25}
- 11 HHI confirms that there are no material residual balances which require further analysis,
- 12 consisting of separating the components of the residual balances by each applicable
- 13 rate rider and by customer rate class.
- 14 As such, HHI does not need to provide detailed explanations for any significant residual
- 15 balances attributable to specific rate riders for each customer rate class including
- 16 volume differences between forecast volumes (used to calculate the rate riders) as
- 17 compared to actual volumes at which the rate riders were billed.²⁶

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24 MFR - Confirm disposition of residual balances for vintage Account 1595 have only been done once - distributors expected to seek disposition of the balance a year after a rate rider's sunset date has expired. No further dispositions of these accounts are generally expected unless justified by the distributor

26 MFR - Material residual balances will require further analysis, consisting of separating the components of the residual balances by each applicable rate rider and by customer rate class. Distributors are expected to provide detailed explanations for any significant residual balances attributable to specific rate riders for each customer rate class. Explanations must include for example, volume differences between forecast volumes (used to calculate the rate riders) as compared to actual volumes at which the rate riders were billed.

²⁵ MFR - Distributors who meet the requirements for disposition of residual balances of Account 1595 sub-accounts, must complete the 1595 Analysis Workform. Account 1595 sub-accounts are eligible for disposition when one full year has elapsed since the associated rate riders' sunset dates have expired and the residual balances have been externally audited.

8.5 GLOBAL ADJUSTMENT

- 2 HHI confirms that it has established a separate rate rider included in the delivery
- 3 component of the bill that would apply prospectively to Non-RPP Class B customers when
- 4 clearing balances from the GA Variance Account ²⁷
- 5 HHI confirms that it has completed and filed with this application the GA Analysis
- 6 Workform in live Excel format and explain discrepancies.²⁸

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8.6 COMMODITY ACCOUNTS 1588 AND 1589

- 9 HHI confirms that it has completed and filed along with this Manager Summary the GA
- workform for 2017 to 2019 ²⁹ A PDF version of the GA workform for each year is presented at
- 11 Appendix 5.
- 12 Upon review of the new accounting guidance, related to accounts 1588 and 1589 Feb 21,
- 13 2019, HHI along with its accountants/auditors Deloitte, confirm that it is in compliance with the
- new policies that have come in effect on August 31, 2019. 30
- 15 With respect to the explanation of variance between amounts proposed for disposition
- and amounts reported in RRR for each account, the balance of account 1580 did include
- the total of RSVA and the total of CBR Class B. The amount of (\$51,646) presented for
- 18 CBR Class B is incorrect. Amounts should have been (\$57,830) for RSVA and (\$9,261) for
- 19 CBR Class B. HHI confirms that the amounts in the total column claim are correct. The
- 20 differences in accounts 1588 and 1589 are due to the fact that those 2 accounts have
- been recalculated from 2017 to 2019 with the new templates and methodology issued
- by OEB. With the previous methodology, HHI was using its revenues and dividing them
- with the applicable RPP/TOU rates to obtain the number of kWh. Also, Class A and

²⁷ MFR - Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP Class B customers when clearing balances from the GA Variance Account

²⁸ MFR - For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distributors are seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and explain discrepancies.

²⁹ For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distributors are seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and explain discrepancies.

³⁰ Confirm as part of its application that it has fully implemented the OEB's February 21, 2019 guidance effective from January 1, 2019.

- 1 embedded generators clients were not considered with the previous methodology. IESO
- 2 did a review of HHI's process and methodology a few years ago. They agreed with the
- 3 way HHI was making its calculations. Energy purchases were also treated differently
- 4 under the previous methodology. The 1598 settlement form with IESO was calculated
- 5 based on kWh sold. The new method uses the kWh purchased.

- 7 Historical balances that have yet to be disposed on a final basis have been considered in
- 8 the context of the February 21, 2019 accounting guidance. As explained in the manager
- 9 summary report, accounts 1588 and 1589 have been recalculated from 2017 to 2019.
- 10 Reasons for differences have been provided in that summary. This exercise resulted in a
- difference of \$145,240 for the 3 years for principal and \$17,426 in carrying charges for a
- 12 total credit of 162,666. 31
- 13 The billing determinant and all the rate riders for the GA are calculated on an energy
- basis (kWh) regardless of the billing determinant used for distribution rates for the
- 15 particular class.

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- 17 The tables below show the allocation of GA balance and the derivation of the GA rate riders.
- 18 I, Michel Poulin, certify that HHI has a robust process and sufficient internal controls in
- 19 place for the preparation, review, verification, and oversight of account balances being
- 20 proposed for disposition to the best of its knowledge and understanding of the
- 21 requirements and guidelines. ³²

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³¹ Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Feb. 21, 2019 accounting guidance, and provide a summary of the review performed. Distributors must also discuss the results of review, whether any systemic issues were noted, and whether any material adjustments to the account balances have been recorded. A summary and description of each adjustment made to the historical balances must be provided in the application.

³² Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the preparation, review, verification, and oversight of account balances being proposed for disposition.

Table 7 - Allocation of GA balances

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

Year the Account 1589 GA Balance Last Disposed

2018

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

		Total	2019
Non-RPP Consumption Less WMP Consumption	A	77,301,291	77,301,291
Customers	В	1,063,609	1,063,609
Less Consumption for Full Year Class A Customers	C	11,544,609	11,544,609
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	64,693,073	64,693,073
All Class B Consumption for Transition Customers	E	1,230,918	1,230,918
Transition Customers' Portion of Total Consumption	F = E/D	1.90%	

Allocation of Total GA Balance \$

Total GA Balance	G	-\$	35,516
Transition Customers Portion of GA Balance	H=F*G	-\$	676
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-s	34.840

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers		1					
	(C) (C)	Total Metered Consumption	Metered Consumption (kWh)				
		(kWh) for Transition	for Transition Customers			Monthly	/
		Customers During the Period	During the Period When They		Allocation for the Period		
(3)(3)(6)(3)(When They Were Class B	Were Class B Customers in	150/110/210	When They Were Class	Paymen	it
Customer	35 (8)	Customers	2019	% of kWh	B customers	S	
Customer 1	e e	1,230,918	1,230,918	100.00%	-\$ 676	-\$ 5	6
Total	88 8	1,230,918	1,230,918	100.00%	-\$ 676		

STREET LIGHTING SERVICE CLASSIFICATION

0

2,294,527

(\$274)

(\$34,841)

(\$0.0005)

kWh

0.8%

100.0%

498,209

63,462,155

Table 8 - Calculation of GA Rate Rider

kWh

Total

498,209

77,301,291

Account 1589 GA was last disposed. Calculations in this transition customers, if applicable. Effective January 2017, the billing determinant and all re	se 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 589 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 customers, if applicable. lanuary 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)								
					Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery t	o be used below	
			Total Metered 2019	Total Metered 2019	Non-RPP Metered Consumption for		T-4-104.4		
			Consumption for Class A Customers that were Class	Consumption for Customers that Transitioned Between	Current Class B Customers (Non-RPP Consumption excluding WMP, Class A		Total GA \$ allocated to		
		Total Metered Non-RPP 2019	A for the entire period GA	Class A and B during the	and Transition Customers'		Current Class B		
		Consumption excluding WMP	balance accumulated	period GA balance accumulated	Consumption)	% of total kWh	Customers	GA Rate Rider	
					consumption	76 OI LOLAI KVVII	Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh	% Of total KWII	Customers	GA Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	kWh 685,070	kWh 0	kWh 0		1.1%	(\$376)	(\$0.0005)	kWh
RESIDENTIAL SERVICE CLASSIFICATION CLASSIFICATION	kWh kWh		kWh 0 0	kWh 0	kWh			s Mar Process	kWh kWh
		685,070	kWh 0 0 11,544,609	0	kWh 685,070	1.1%	(\$376)	(\$0.0005)	
CLASSIFICATION	kWh	685,070 3,810,907	0	0	kWh 685,070 3,810,907	1.1% 6.0%	(\$376) (\$2,092)	(\$0.0005) (\$0.0005)	kWh

11,544,609

Table 9 - CBR-B Allocation

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

table below. Collabatelit with prior decisions, distributors are	generally expected to set	ac the amount through 12 equal adj	additioned to billo.
Year Account 1580 CBR Class B was Last Disposed	2018]	
Allocation of Total Consumption (kWh) between Current Clas	s B and Class A/B Transiti	on Customers	
		Total	2019
Total Consumption Less WMP Consumption	A	141,271,361	141,271,361
Customers	В	1,063,609	1,063,609
Less Consumption for Full Year Class A Customers	С	11,544,609	11,544,609
Total Class B Consumption for Years During Balance	11		400,550,440
Accumulation	D = A-B-C	128,663,143	128,663,143
All Class B Consumption for Transition Customers	E	1,230,918	1,230,918
Transition Customers' Portion of Total Consumption	F = E/D	0.96%	
Allocation of Total CBR Class B Balance \$			
Total CBR Class B Balance	G	-\$ 6,420	
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$ 61	
CBR Class B Balance to be disposed to Current Class B	NE - 5112211		
Customers through Rate Rider	I=G-H	-\$ 6,359	

Allocation of CBR Class B Balances to Transition Customers # of Class A/B Transition Customers	1						
Customer	Total Metered Class B Consumption (kWh) for Transition Customers Du Period When They were C Customers		Wh) for omers During on They were		Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Month Equal Paym	
Customer 1	1,	230,918	1,230,918	100.00%	-\$ 61	-\$	5
Total	1,	230,918	1,230,918	100.00%	-\$ 61	-\$	5

1 Table 10 – Calculation of CBR-B Rate Rider

The year Account 1580 CBR Class B was last disposed

		Total Metered Consumption Mir		Total Metered 2019 Co for Full Year Class A		Total Metered 2019 Cor Transition Cust		Metered Consumption fo B Customers (Total Con- VMP, Class A and Customers' Const	sumption LESS Transition	% of total k\textbf	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		k₩h	kW	k₩h	kW	k₩h	k₩	k₩h	k₩				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	50,127,667	0	0	0	0	0	50,127,667	0	39.3%	(\$2,501)	\$0.0000	kWh
CLASSIFICATION	kWh	17,967,957	0	0	0	0	0	17,967,957	0	14.1%	(\$897)	\$0.0000	kWh
CLASSIFICATION	kW	72,109,765	182,505	11,544,609	26,866	2,294,527	6,906	58,270,629	148,733	45.7%	(\$2,908)	\$0.0000	kW
CLASSIFICATION	kWh	513,610	0	0	0	0	0	513,610	0	0.4%	(\$26)	\$0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	54,153	158	0	0	0	0	54,153	158	0.0%	(\$3)	\$0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	498,209	1,383	0	0	0	0	498,209	1,383	0.4%	(\$25)	\$0.0000	kW
	Total	141,271,361	184,046	11,544,609	26,866	2,294,527	6,906	127,432,225	150,274	100.0%	(\$6,360)	\$0.0000	

8.8 DISPOSITION OF LRAMVA

- 2 HHI has calculated its LRAM balances up to 2018 when the IESO released its last verified
- 3 results. The total claim results in a marginal amount of -\$749. HHI has added the principal
- 4 amount of -\$784 and carrying charges in the amount of \$35 to the existing balances of -
- 5 \$5,443 in tab 3. Continuity Schedule of the IRM model. The allocation per class was
- 6 calculated based on the LRAMVA allocation from the LRAM model filed along with this
- 7 application.

1

- 8 Since the amount is too small to generate a rate rider, HHI proposes to move the amount
- 9 to account 1595 once the requirements for disposition are met. HHI is not proposing to
- dispose of any savings in 2019 and 2020. This amount is supported by the LRAMVA model
- 11 filed in conjunction with this application ³³

Table 11 - LRAM Claim based on 2018 Verified Results

	Principal	Carrying Charges	Balance
kWh	\$9,016	\$495	\$9,511
kWh	\$9,583	\$608	\$10,192
kW	-\$18,793	-\$1,032	-\$19,826
kW	-\$541	-\$33	-\$574
kW	-\$27	-\$2	-\$28
kWh	-\$23	-\$1	-\$24
	-\$784	\$35	-\$749
	kWh kW kW	kWh \$9,016 kWh \$9,583 kW -\$18,793 kW -\$541 kW -\$27 kWh -\$23	kWh \$9,016 \$495 kWh \$9,583 \$608 kW -\$18,793 -\$1,032 kW -\$541 -\$33 kW -\$27 -\$2 kWh -\$23 -\$1

13

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Table 12 - LRAM Allocation

	2021 LRAM	Alloc.	2021 Disp.
Residential	9511.00	-1269.83%	\$79,847
GS<50 kW	10192.00	-1360.75%	\$85,564
GS 50 - 4999 kW	-19826.00	2647.00%	-\$166,443
Street Lighting	-574.00	76.64%	-\$4,819
Sentinel Lighting	-28.00	3.74%	-\$235
Unmetered Scattered Load	-24.00	3.20%	-\$201
Total	-749.00	1.00	-\$6,288

2

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12 TAX CHANGE

- 4 Hydro Hawkesbury has completed worksheets 8 of the IRM model which resulted in a tax
- 5 change³⁴ of -\$117 from the tax rates embedded in its OEB 2018 Board Approved base
- 6 rate. Since the amount is nil, no further action is required.³⁵

7

8

13 ICM/ACM/Z-FACTOR

- 9 Hydro Hawkesbury did not apply for an Advanced Incremental module in its last Cost of
- 10 Service nor is applying for recovery of Incremental Capital or Z-Factor in this proceeding.³⁶
- 11 HHI notes that the Minimum Filing Requirements related to ICM / ACM and Z-Factors are
- 12 not applicable in HHI's case.

³⁴ MFR - If applicable, tabs 8 and 9 of Rate Generator Model complete

³⁵ If one or more customer classes does not generate a rate rider to the fourth decimal place, a proposal that the entire 50/50 sharing amount will be transferred to Account 1595 for disposition at a future date

³⁶ MFR - For an incremental or pre-approved advanced capital module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module Applicable to ACM and ICM

14 REGULATORY RETURN ON EQUITY - OFF RAMP

- 2 HHI's current distribution rates were rebased and approved by the OEB in 2018 and
- included an expected (deemed) regulatory return on equity of 9.36%. The OEB allows a
- 4 distributor to earn within +/- 3% of the expected return on equity. The actual return on
- 5 equity for 2019 is 7.16% which indicates an under earning when compared to the Board
- 6 Approved 2018 rate of return. HHI expects that it will maintain its profitability at the
- 7 approved level going forward.

Table 13 - Return on Equity Table

ZUIODA ZUIJ	201	8BA	2019
-------------	-----	-----	------

Achieved ROE	9.00	16.54
Deemed ROE	9.00	9.00
Difference	0.00	7.54

9

10

8

1

15 CURRENT TARIFF SHEET

11 Hydro Hawkesbury current tariff sheets are provided in Appendix 1.

12

13

16 PROPOSED TARIFF SHEET

- 14 The proposed tariff sheets generated by the 2019 IRM Rate Generator are provided in
- 15 Appendix 2.

16

17

17 BILL IMPACT

- 18 HHI has opted to recalculate its 10th percentile on a bi-annual basis. The reason being
- 19 that the customer composition and count has not materially changed since the utility
- submitted its 2020 rate application, and as such, the percentile remains the same as it did

- in 2018/2019. HHII will update its 10th percentile in its next application which will more
- 2 appropriately reflect the impacts of Covid-19. The table below shows the bill impacts. The
- 3 bill impacts are calculated based on the dollar change in Sub-Total C Delivery divided
- 4 by the total bill before tax at current rates. The 10% percentile was calculated in the
- 5 following manner:³⁷
- 6 1) The utility produced a report for a recent month which included Residential
- 7 Customer Number and their Monthly Consumptions. In this case, HHI opted
- 8 to choose May of 2019 as May is generally a month where the weather is mild
- 9 and not subject to extreme cold or warm days.
- 10 2) The report was then sorted by lowest to highest consumption.
- 11 3) Less than 50kWh monthly consumption was removed from the file.
- 12 4) The utility then calculates the 10th percentile by taking 10% of the customer
- count (or number of records in the report), (e.g., 200 customer = 200)
- 14 5) The utility then established that the record in questions produced
- 15 consumption of 274 kWh/month which in turn became the "ceiling" for the
- lowest 10th percentile.
- 17 6) The file used to calculate the 10th percentile is attached for your review.
- 18 The total residential bill impact for the 10th percentile level of 274 kWh is -1.0%. The
- 19 residential bill impact for the standard 750kWh is -1.2%. Detailed bill impacts for each rate
- 20 class are provided in Appendix 3³⁸
- 21 With the exception of the GS<50, which uses the typical 2000 kWh/month, the other
- classes were calculated using a rounded monthly average consumption.

³⁷ MFR - Description of the method used to derive the 10th consumption percentile. The description should include a discussion regarding the nature of the data that was used (e.g. was the source data for all residential customers or a representative sample of residential customers).

³⁸ MFR - Calculation of the combined impact of the fixed rate increase and any other changes in the cost of distribution service for those residential RPP customers who are at the 10th percentile of overall consumption

- 1 Rate Mitigation: HHI confirms that none of the bill impacts for its classes exceed 10% as
- 2 such no rate mitigation plan is required at this time. ³⁹

Table 14 - Summary of Bill Impacts 40

Rate classes / categories (eg: residential tou, residential retailer)	Units	Sub-Total						Total	
		Α		В		С		Total Bill	
		\$	%	\$	%	\$	%	\$	%
Residential service classification - RPP	kWh	\$0.00	0.0%	-\$1.95	-8.2%	-\$1.63	-5.0%	-\$1.33	-1.2%
General service less than 50 kw service classification - RPP	kWh	\$0.00	0.0%	-\$5.20	-11.7%	-\$4.36	-6.7%	-\$3.54	-1.3%
General service 50 to 4,999 kw service classification - non-RPP (other)	kW	\$0.00	0.0%	-\$258.67	-39.9%	-\$228.62	-14.1%	-\$258.35	-4.4%
Unmetered scattered load service classification - non-RPP (other)	kWh	\$0.00	0.0%	-\$14.72	-24.3%	-\$12.79	-11.8%	-\$14.45	-1.7%
Sentinel lighting service classification - non-RPP (other)	kW	\$0.00	0.0%	-\$114.55	-16.3%	-\$99.34	-7.8%	-\$112.26	-7.6%
Street lighting service classification - non-RPP (other)	kW	\$0.00	0.0%	-\$13,986.00	-14.0%	-\$12,491.62	-8.4%	-\$14,115.53	-8.3%
Residential service classification - non-RPP (retailer)	kWh	\$0.00	0.0%	-\$2.33	-9.6%	-\$2.01	-6.1%	-\$2.27	-1.5%
Residential service classification - RPP	kWh	\$0.00	0.0%	-\$0.71	-3.5%	-\$0.60	-2.5%	-\$0.48	-1.0%
Residential service classification - non-RPP (retailer)	kWh	\$0.00	0.0%	-\$0.85	-4.1%	-\$0.73	-3.1%	-\$0.83	-1.2%

4

 $^{39~\}mathrm{MFR}$ - Mitigation plan if total bill increases for any customer class exceed 10%

⁴⁰ MFR - If the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not required

18 CERTIFICATION OF EVIDENCE

- 2 As General Manager of Hydro Hawkesbury Inc. I certify that, to the best of my knowledge,
- 3 the evidence filed in the herein Incentive Rate-Setting Application is accurate, complete,
- 4 and consistent with the requirements of the Chapter 3 Filing Requirements for Electricity
- 5 Distribution Rate Applications as revised on July 12, 2019. I also confirm that internal
- 6 controls and processes are in place for the preparation, review, verification, and oversight
- 7 of any account balances that are being requested for disposal.

8

- 9 Respectfully submitted,
- 10 Original Signed by:
- 11 Michel Poulin
- 12 Hydro Hawkesbury, Inc.
- 13 850 Tupper St.
- 14 Hawkesbury, ON
- 15 K6A 3S7

APPENDICES

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Appendix 1	Current Tariff Sheet
Appendix 2	Proposed Tariff Sheet
Appendix 3	Bill Impacts
Appendix 4	2018 RRWF
Appendix 5	PDF of IRM Rate Generator
Appendix 6	PDF of GA Workform

Appendix 1 2020 Current Tariff Sheet⁴¹

Schedule A

To Decision and Rate Order

Tariff of Rates and Charges

OEB File No: EB-2019-0042

DATED: December 12, 2019

Effective and Implementation Date January 1, 2020

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

EB-2019-0042

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to customers residing in residential dwelling units. Energy is generally supplied as single phase, 3-wire, 60-Hertz, having nominal voltage of 120/240 Volts and up to 400 amps. There shall be only one delivery point to a dwelling. The Basic Connection for Residential consumers is defined as 100 amp 120/240 volt overhead service. A Residential building is supplied at one service voltage per land parcel. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	18.12
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020 - Approved on an Interim Basis Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh	(0.0011) 0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039
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

Effective and Implementation Date January 1, 2020

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

FB-2019-0042

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, and Town Houses and Condominiums that require centralized bulk metering. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	16.01
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0073
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020 - Approved on an Interim Basis	\$/kWh	(0.0011)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034
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

Effective and Implementation Date January 1, 2020

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

FB-2019-0042

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 500 kW non-interval metered

General Service 50 to 500 kW interval metered

General Service greater than 500 to 5,000 kW interval metered.

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

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	104.55
Distribution Volumetric Rate	\$/kW	2.1765
Low Voltage Service Rate	\$/kW	0.5184

Effective and Implementation Date January 1, 2020

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

approved constants of flates, charges and 2000 flaters		EB-2019-0042
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020 - Approved on an Interim Basis	\$/kW	(0.4262)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6428
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3939
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

Effective and Implementation Date January 1, 2020

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

FB-2019-0042

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per customer)	\$	7.37
Distribution Volumetric Rate	\$/kWh	0.0044
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020 - Approved on an Interim Basis Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh	(0.0011) 0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034
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

Effective and Implementation Date January 1, 2020

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

FB-2019-0042

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to privately owned roadway lighting controlled by photo cells. Consumption is based on calculated connected load times the required lighting hours. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	1.71
Distribution Volumetric Rate	\$/kW	4.0336
Low Voltage Service Rate	\$/kW	0.8183
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020 - Approved on an Interim Basis	\$/kW	(0.3739)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9938
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2001
MONTHLY RATES AND CHARGES - Regulatory Component		
MONTHLY RATES AND CHARGES - Regulatory Component Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
	\$/kWh \$/kWh	0.0030 0.0004
Wholesale Market Service Rate (WMS) - not including CBR	**	
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

Effective and Implementation Date January 1, 2020

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

EB-2019-0042

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. Consumption is as per Ontario Energy Board street lighting load shape. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	0.61
Distribution Volumetric Rate	\$/kW	6.6280
Low Voltage Service Rate	\$/kW	0.4007
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020 - Approved on an Interim Basis	\$/kW	(0.3938)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9933
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0775
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

Effective and Implementation Date January 1, 2020

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

FB-2019-0042

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge \$ 10,00

Effective and Implementation Date January 1, 2020

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

EB-2019-0042

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$ 15.00
Statement of account	\$ 15.00
Duplicate invoices for previous billing	\$ 15.00
Credit reference/credit check (plus credit agency costs)	\$ 15.00
Returned cheque (plus bank charges)	\$ 20.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$ 40.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$ 30.00
Non-payment of account	
Late payment - per month	
(-#1)	

(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	30.00
Reconnection at meter - after regular hours	\$	165.00
Reconnection at pole - during regular hours	\$	100.00
Reconnection at pole - after regular hours	\$	300.00

Other

tile:	
Service call - after regular hours	\$ 165.00
Temporary service - install & remove - overhead - no transformer	\$ 500.00
Temporary service - install & remove - overhead - with transformer	\$ 1,000.00
Specific charge for access to the power poles - \$/pole/year	·
(with the exception of wireless attachments)	\$ 44.50

Effective and Implementation Date January 1, 2020

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

FB-2019-0042

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	102.00
Monthly Fixed Charge, per retailer	\$	40.80
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.08
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the		
Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.04

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

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

1.0509

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

1.0410

1

Appendix 2 2021 Proposed Tariff Sheet

Effective and Implementation Date January 1, 2021

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

EB-2020-0029

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to customers residing in residential dwelling units. Energy is generally supplied as single phase, 3-wire, 60-Hertz, having nominal voltage of 120/240 Volts and up to 400 amps. There shall be only one delivery point to a dwelling. The Basic Connection for Residential consumers is defined as 100 amp 120/240 volt overhead service. A Residential building is supplied at one service voltage per land parcel. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	18.12
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0037)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040
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

\$/kWh

0.0005

0.25

Effective and Implementation Date January 1, 2021

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

EB-2020-0029

0.25

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, and Town Houses and Condominiums that require centralized bulk metering. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	16.01
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0073
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0037)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035
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

Effective and Implementation Date January 1, 2021

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

EB-2020-0029

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 500 kW non-interval metered

General Service 50 to 500 kW interval metered

General Service greater than 500 to 5,000 kW interval metered.

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

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

Effective and Implementation Date January 1, 2021

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

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		EB-2020-0029
Service Charge	\$	104.55
Distribution Volumetric Rate	\$/kW	2.1765
Low Voltage Service Rate	\$/kW	0.5184
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(1.4540)
Retail Transmission Rate - Network Service Rate	\$/kW	2.7465
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4154
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

Effective and Implementation Date January 1, 2021

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

EB-2020-0029

0.25

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

Service Charge (per customer)	\$	7.37
Distribution Volumetric Rate	\$/kWh	0.0044
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0006)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0037)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035
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

Effective and Implementation Date January 1, 2021

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

EB-2020-0029

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to privately owned roadway lighting controlled by photo cells. Consumption is based on calculated connected load times the required lighting hours. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

Service Charge (per connection)	\$	1.71
Distribution Volumetric Rate	\$/kW	4.0336
Low Voltage Service Rate	\$/kW	0.8183
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0006)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(1.2613)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0720
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2341
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

Effective and Implementation Date January 1, 2021

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

EB-2020-0029

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. Consumption is as per Ontario Energy Board street lighting load shape. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

Service Charge (per connection)	\$	0.61
Distribution Volumetric Rate	\$/kW	6.6280
Low Voltage Service Rate	\$/kW	0.4007
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(1.3257)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0715
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0941
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

Effective and Implementation Date January 1, 2021

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

EB-2020-0029

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$ 10.00

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$ 15.00
Statement of account	\$ 15.00
Duplicate invoices for previous billing	\$ 15.00

Effective and Implementation Date January 1, 2021

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

FR-2020-0029

		ED-2020-0029
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	20.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	40.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-payment of account		
Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	30.00
Reconnection at meter - after regular hours	\$	165.00
Reconnection at pole - during regular hours	\$	100.00
Reconnection at pole - after regular hours	\$	300.00
Other		
Service call - after regular hours	\$	165.00
Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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

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

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

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

oloon, old,		
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	40.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.00
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.60
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.60)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.50
Processing fee, per request, applied to the requesting party	\$	1.00
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)	\$	4.00

Effective and Implementation Date January 1, 2021

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

EB-2020-0029

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

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

1.0509

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

1.041

1

Appendix 3 Bill Impacts



Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filling 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 May 2020 of \$0.1368/kWh (IESO's Monthly Market Report for May 2020) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
- 2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0509	1.0509	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0509	1.0509	2,000		CONSUMPTION	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0509	1.0509	24,000	240	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	Non-RPP (Other)	1.0509	1.0509	4,600		CONSUMPTION	1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0509	1.0509	129		DEMAND	72
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0509	1.0509	15,000		DEMAND	1,197
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0509	1.0509	750		CONSUMPTION	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0509	1.0509	274		CONSUMPTION	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0509	1.0509	274		CONSUMPTION	
Add additional scenarios if required			1.0509	1.0509				
Add additional scenarios if required			1.0509	1.0509				
Add additional scenarios if required			1.0509	1.0509				
Add additional scenarios if required			1.0509	1.0509				
Add additional scenarios if required			1.0509	1.0509				
Add additional scenarios if required			1.0509	1.0509				
Add additional scenarios if required			1.0509	1.0509				
Add additional scenarios if required			1.0509	1.0509				
Add additional scenarios if required			1.0509	1.0509				
Add additional scenarios if required			1.0509	1.0509				
Add additional scenarios if required			1.0509	1.0509				

Table 2

DATE OF ASSES / CATEGORIES			Total						
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Α			В		С	Total Bi	II
(eg. Residential 100, Residential Retailer)		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$0.00	0.0%	-\$1.95	-8.2%	-\$1.63	-5.0%	-\$1.33	-1.2%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$0.00	0.0%	-\$5.20	-11.7%	-\$4.36	-6.7%	-\$3.54	-1.3%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$0.00	0.0%	-\$258.67	-39.9%	-\$228.62	-14.1%	-\$258.35	-4.4%
JNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	\$0.00	0.0%	-\$14.72	-24.3%	-\$12.79	-11.8%	-\$14.45	-1.7%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$0.00	0.0%	-\$114.55	-16.3%	-\$99.34	-7.8%	-\$112.26	-7.6%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$0.00	0.0%	-\$13,986.00	-14.0%	-\$12,491.62	-8.4%	-\$14,115.53	-8.3%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$0.00	0.0%	-\$2.33	-9.6%	-\$2.01	-6.1%	-\$2.27	-1.5%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$0.00	0.0%	-\$0.71	-3.5%	-\$0.60	-2.5%	-\$0.48	-1.0%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$0.00	0.0%	-\$0.85	-4.1%	-\$0.73	-3.1%	-\$0.83	-1.2%
									1
									1
									1
									+
									+

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

750 kWh
- kW
1.0509
1.0509 Consumption Demand Current Loss Factor

Proposed/Approved Loss Factor

		Current Of	B-Approved	ı			Proposed				Impact		
	Ra	te	Volume		Charge		Rate Volume Charge						
	(\$	5)			(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	18.12	1	\$	18.12	\$	18.12	1	\$	18.12	\$	-	0.00%
Distribution Volumetric Rate	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	18.12				\$		\$	-	0.00%
Line Losses on Cost of Power	\$	0.1280	38	\$	4.89	\$	0.1280	38	\$	4.89	\$	-	0.00%
Total Deferral/Variance Account Rate		0.0011	750	s	(0.83)		0.0037	750	\$	(2.78)	٠,	(1.95)	236.36%
Riders	-9	0.0011	750	ð	(0.03)	- -	0.0037	750	Ф	(2.70)	۹	(1.95)	230.3070
CBR Class B Rate Riders	\$	-	750	\$	-	\$	-	750	\$	_	\$	-	
GA Rate Riders	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
Low Voltage Service Charge	\$	0.0014	750	\$	1.05	\$	0.0014	750	\$	1.05	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	_	0.57		_	0.57		0.57		•	0.57	ļ _		0.000/
, , , , , , , , , , , , , , , , , , , ,	\$	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-					22.22				•	24.05		(4.05)	0.400/
Total A)				\$	23.80				\$	21.85	\$	(1.95)	-8.19%
RTSR - Network	\$	0.0070	788	\$	5.52	\$	0.0073	788	\$	5.75	\$	0.24	4.29%
RTSR - Connection and/or Line and	s	0.0039	788	_	3.07		0.0040	788	•	3.15	ļ _	0.08	2.56%
Transformation Connection	Þ	0.0039	788	\$	3.07	\$	0.0040	/88	\$	3.15	3	0.08	2.56%
Sub-Total C - Delivery (including Sub-				_	22.22				•	20.70		(4.00)	= 0=0/
Total B)				\$	32.39				\$	30.76	\$	(1.63)	-5.05%
Wholesale Market Service Charge	•	0.0034	700		0.00	_	0.0004	700	•	0.00	_		0.000/
(WMSC)	\$	0.0034	788	\$	2.68	\$	0.0034	788	\$	2.68	\$	-	0.00%
Rural and Remote Rate Protection			700	_	0.00	١.		=00			_		0.000/
(RRRP)	\$	0.0005	788	\$	0.39	\$	0.0005	788	\$	0.39	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
TOU - Off Peak	\$	0.1280	480	\$	61.44	\$	0.1280	480	\$	61.44	\$	-	0.00%
TOU - Mid Peak	\$	0.1280	135	\$	17.28	\$	0.1280	135	\$	17.28	\$	-	0.00%
TOU - On Peak	\$	0.1280	135	\$	17.28	\$	0.1280	135	\$	17.28	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	131.72				\$	130.08	\$	(1.63)	-1.24%
HST		13%		Š.	17.12		13%		\$	16.91		(0.21)	-1.24%
Ontario Electricity Rebate		31.8%		Š.	(41.89)		31.8%		\$	(41.37)		0.52	
Total Bill on TOU		01.070		S	106.95		31.070		\$	105.63		(1.33)	-1.24%
				Ť	100.00				<u> </u>	100.00	Ψ.	(1.55)	-1.27/0

Customer Class: GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION RPP / Non-RPP: RPP

2,000 kWh - kW 1.0509 1.0509 Consumption Demand Current Loss Factor

Proposed/Approved Loss Factor

			EB-Approved	d	Proposed				Impact				
		Rate	Volume		Charge		Rate	Volume	Charge				
		(\$)			(\$)		(\$)			(\$)	1	Change	% Change
Monthly Service Charge	\$	16.01	1	\$	16.01	\$	16.01	1	\$	16.01	\$	-	0.00%
Distribution Volumetric Rate	\$	0.0073	2000	\$	14.60	\$	0.0073	2000	\$	14.60	\$	-	0.00%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	2000	\$	-	\$	-	2000	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	30.61				\$	30.61	\$	-	0.00%
Line Losses on Cost of Power	\$	0.1280	102	\$	13.03	\$	0.1280	102	\$	13.03	\$	-	0.00%
Total Deferral/Variance Account Rate	-s	0.0011	2.000	\$	(2.20)	,	0.0037	2,000	\$	(7.40)	,	(5.20)	236.36%
Riders	-3	0.0011	2,000	þ	(2.20)	- -	0.0037	2,000	Þ	(7.40)	۹	(5.20)	230.30%
CBR Class B Rate Riders	\$	-	2,000	\$	-	\$	-	2,000	\$	-	\$	-	
GA Rate Riders	\$	-	2,000	\$	-	\$	-	2,000	\$	-	\$	-	
Low Voltage Service Charge	\$	0.0013	2,000	\$	2.60	\$	0.0013	2,000	\$	2.60	\$	-	0.00%
Smart Meter Entity Charge (if applicable)		0.57		,	0.57	\$	0.57		,	0.57	_		0.00%
, , , , ,	Þ	0.57	'	\$	0.57	Þ	0.57	1	\$	0.57	\$	-	0.00%
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders	\$	-	2,000	\$	-	\$	-	2,000	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				s	44.61				_	39.41	s	(5.00)	-11.66%
Total A)) >	44.61				\$	39.41) Þ	(5.20)	-11.66%
RTSR - Network	\$	0.0064	2,102	\$	13.45	\$	0.0067	2,102	\$	14.08	\$	0.63	4.69%
RTSR - Connection and/or Line and	\$	0.0034	2,102		7.15	_	0.0035	0.400		7.36	,	0.21	0.040/
Transformation Connection	Þ	0.0034	2,102	\$	7.15	\$	0.0035	2,102	\$	7.36	\$	0.21	2.94%
Sub-Total C - Delivery (including Sub-				s	65.21				_	60.85		(4.00)	-6.69%
Total B)				۱ ۵	65.21				\$	60.85	۱ ۵	(4.36)	-6.69%
Wholesale Market Service Charge	s	0.0034	0.400	\$	7.15		0.0034	0.400		7.15			0.00%
(WMSC)	Þ	0.0034	2,102	ъ	7.15	\$	0.0034	2,102	\$	7.15) Þ	-	0.00%
Rural and Remote Rate Protection		0.0005	0.400		4.05	_	0.0005	0.400		4.05	 		0.000/
(RRRP)	\$	0.0005	2,102	\$	1.05	\$	0.0005	2,102	\$	1.05	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
TOU - Off Peak	\$	0.1280	1,280	\$	163.84	\$	0.1280	1,280	\$	163.84	\$	-	0.00%
TOU - Mid Peak	\$	0.1280	360	\$	46.08	\$	0.1280	360	\$	46.08	\$	-	0.00%
TOU - On Peak	\$	0.1280	360	\$	46.08	\$	0.1280	360	\$	46.08	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	329.66				\$	325.30	\$	(4.36)	-1.32%
HST		13%		\$	42.86		13%		\$	42.29	\$	(0.57)	-1.32%
Ontario Electricity Rebate		31.8%		\$	(104.83)		31.8%		\$	(103.44)	1 7	1.39	5270
Total Bill on TOU		01.070		S	267.68		31.070		\$	264.14		(3.54)	-1.32%
				Ť	201.00				Ť	207.17	¥	(5.54)	-1.52 /0

Current Loss Factor Proposed/Approved Loss Factor

	Current O	EB-Approve	i		Proposed		In	npact
	Rate	Volume	Charge	Rate Volume Charge				
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 104.55		\$ 104.55	\$ 104.55	1	\$ 104.55	\$ -	0.00%
Distribution Volumetric Rate	\$ 2.1765	240	\$ 522.36	\$ 2.1765	240	\$ 522.36	\$ -	0.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	240		\$ -	240		\$ -	
Sub-Total A (excluding pass through)			\$ 626.91			\$ 626.91	\$ -	0.00%
Line Losses on Cost of Power	-	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	-\$ 0.4262	240	\$ (102.29)	-\$ 1.4540	240	\$ (348.96)	\$ (246.67)	241.15%
Riders	0.4202		ψ (102.25)	1.4040		(040.50)	, , , , ,	241.1070
CBR Class B Rate Riders	\$ -	240	\$ -	\$ -	240	\$ -	\$ -	
GA Rate Riders	\$ -	24,000	\$ -	-\$ 0.0005	24,000	\$ (12.00)		
Low Voltage Service Charge	\$ 0.5184	240	\$ 124.42	\$ 0.5184	240	\$ 124.42	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	s -	1	¢ _	e _	1	e _	s -	
	•	'	-	-	'	-	[*]	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	240	\$ -	\$ -	240	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 649.04			\$ 390.37	\$ (258.67)	-39.85%
Total A)			,			•	, (=====,	
RTSR - Network	\$ 2.6428	240	\$ 634.27	\$ 2.7465	240	\$ 659.16	\$ 24.89	3.92%
RTSR - Connection and/or Line and	\$ 1.3939	240	\$ 334.54	\$ 1.4154	240	\$ 339.70	\$ 5.16	1.54%
Transformation Connection	1.0000	240	Ψ 004.04	¥ 1.4104	240	Ψ 000.70	Φ 0.10	1.0470
Sub-Total C - Delivery (including Sub-			\$ 1.617.85			\$ 1,389.22	\$ (228.62)	-14.13%
Total B)			• .,			• .,000.22	(220.02)	1 11.0 70
Wholesale Market Service Charge	\$ 0.0034	25,222	\$ 85.75	\$ 0.0034	25,222	\$ 85.75	ls -	0.00%
(WMSC)		20,222	Q 000	.		• • • • • • • • • • • • • • • • • • • •	*	0.0070
Rural and Remote Rate Protection	\$ 0.0005	25,222	\$ 12.61	\$ 0.0005	25,222	\$ 12.61	s -	0.00%
(RRRP)	1,	20,222	,			*	l '	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1368	25,222	\$ 3,450.31	\$ 0.1368	25,222	\$ 3,450.31	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 5,166.78			\$ 4,938.15		-4.42%
HST	13%		\$ 671.68	13%		\$ 641.96	\$ (29.72)	-4.42%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -		
Total Bill on Average IESO Wholesale Market Price			\$ 5,838.46			\$ 5,580.11	\$ (258.35)	-4.42%

| Customer Class: | NMETERED SCATTERED LOAD SERVICE CLASSIFICATION | RPP / Non-RPP (Other) | Consumption | 4,600 | kWh | kW

	Current OEB-Approved					Proposed					Impact		
	Rate		Volume		Charge		Rate	Volume		Charge			
	(\$)				(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	7.37		\$	7.37	\$	7.37		\$	7.37	\$	-	0.00%
Distribution Volumetric Rate	\$	0.0044	4600	\$	20.24	\$	0.0044	4600	\$	20.24	\$	-	0.00%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	4600		-	\$	-	4600	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	27.61				\$	27.61	\$	-	0.00%
Line Losses on Cost of Power	\$	0.1368	234	\$	32.03	\$	0.1368	234	\$	32.03	\$	-	0.00%
Total Deferral/Variance Account Rate	_e	0.0011	4,600	s	(5.06)	_e	0.0037	4,600	\$	(17.02)	l œ	(11.96)	236.36%
Riders	-\$	0.0011	4,000	۳	(3.00)	-φ	0.0037	4,000	Ψ	(17.02)	۳	(11.90)	230.30 /6
CBR Class B Rate Riders	\$	-	4,600	\$	-	\$	-	4,600	\$	-	\$	-	
GA Rate Riders	\$	-	4,600	\$	-	-\$	0.0006	4,600	\$	(2.76)	\$	(2.76)	
Low Voltage Service Charge	\$	0.0013	4,600	\$	5.98	\$	0.0013	4,600	\$	5.98	\$	- '	0.00%
Smart Meter Entity Charge (if applicable)											_		
7 - 3 (11 /	\$	-	1	\$	-	>	-	1	\$	-	\$	-	
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	_	1	\$	_	\$	-	
Additional Volumetric Rate Riders	s s	-	4,600	\$	-	s	_	4,600	\$	_	\$	-	
Sub-Total B - Distribution (includes Sub-	· ·		,,,,,,			Ė		,,,,,,					
Total A)				\$	60.56				\$	45.84	\$	(14.72)	-24.31%
RTSR - Network	\$	0.0064	4,834	\$	30.94	s	0.0067	4.834	\$	32.39	\$	1.45	4.69%
RTSR - Connection and/or Line and						П		, , , , , , , , , , , , , , , , , , , ,			[
Transformation Connection	\$	0.0034	4,834	\$	16.44	\$	0.0035	4,834	\$	16.92	\$	0.48	2.94%
Sub-Total C - Delivery (including Sub-				_					_		_		
Total B)				\$	107.93				\$	95.15	\$	(12.79)	-11.85%
Wholesale Market Service Charge				_									
(WMSC)	\$	0.0034	4,834	\$	16.44	\$	0.0034	4,834	\$	16.44	\$	-	0.00%
Rural and Remote Rate Protection				١.		١.					١.		
(RRRP)	\$	0.0005	4,834	\$	2.42	\$	0.0005	4,834	\$	2.42	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	s	0.25	s	0.25	1	\$	0.25	\$	_	0.00%
Average IESO Wholesale Market Price	Š	0.1368	4.600	Š	629.28	-	0.1368	4,600	Š	629.28	1 -	_	0.00%
7 Wording 1200 Wholesale Market 1 hoc	1 4	0.1000	4,000	T T	020.20	<u> </u>	0.1000	4,000	Ů	020.20	Ψ		0.0070
Total Bill on Average IESO Wholesale Market Price				\$	756.32				\$	743.53	\$	(12.79)	-1.69%
HST		13%		\$	98.32		13%		\$	96.66		(1.66)	-1.69%
Ontario Electricity Rebate		31.8%		\$	(240.51)		31.8%		φ	(236.44)	۳	(1.00)	-1.0970
		31.8%		\$	854.64		31.6%		φ		\$	(44.45)	4 600/
Total Bill on Average IESO Wholesale Market Price				Þ	854.64				ð	840.19	-D	(14.45)	-1.69%

1.0509 1.0509 Current Loss Factor Proposed/Approved Loss Factor

	Current C	EB-Approved	d		Proposed		ln In	npact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.71	72			72		\$ -	0.00%
Distribution Volumetric Rate	\$ 4.0336	129	\$ 520.33	\$ 4.0336	129		\$ -	0.00%
Fixed Rate Riders	-	72	\$ -	\$ -	72		\$ -	
Volumetric Rate Riders	\$ -	129		\$ -	129		\$ -	
Sub-Total A (excluding pass through)			\$ 643.45			\$ 643.45	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.1368	7	\$ 0.90	\$ 0.1368	7	\$ 0.90	\$ -	0.00%
Total Deferral/Variance Account Rate	-\$ 0.3739	129	\$ (48.23)	-\$ 1.2613	129	\$ (162.71)	\$ (114.47)	237.34%
Riders	0.0700		` ′	1.2010			' '	201.0470
CBR Class B Rate Riders	-	129	-	\$ -	129		\$ -	
GA Rate Riders	-	129	-	-\$ 0.0006	129	\$ (0.08)		
Low Voltage Service Charge	\$ 0.8183	129	\$ 105.56	\$ 0.8183	129	\$ 105.56	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	72	s -	s -	72	s -	s -	
	l .		· .	l T			*	
Additional Fixed Rate Riders	-	72		\$ -	72		\$ -	
Additional Volumetric Rate Riders	\$ -	129	\$ -	\$ -	129	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 701.68			\$ 587.13	\$ (114.55)	-16.33%
Total A)						•		
RTSR - Network	\$ 1.9938	136	\$ 270.29	\$ 2.0720	136	\$ 280.89	\$ 10.60	3.92%
RTSR - Connection and/or Line and	\$ 2,2001	136	\$ 298.26	\$ 2.2341	136	\$ 302.87	\$ 4.61	1.55%
Transformation Connection				*		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	*	
Sub-Total C - Delivery (including Sub-			\$ 1.270.23			\$ 1.170.89	\$ (99.34)	-7.82%
Total B)			, , , ,			, , , , , , , , , , , , , , , , , , , ,	, (,	
Wholesale Market Service Charge	\$ 0.0034	136	\$ 0.46	\$ 0.0034	136	\$ 0.46	\$ -	0.00%
(WMSC)	,		,			,	l '	
Rural and Remote Rate Protection	\$ 0.0005	136	\$ 0.07	\$ 0.0005	136	\$ 0.07	\$ -	0.00%
(RRRP)								
Standard Supply Service Charge	\$ 0.25	72			72			0.00%
Average IESO Wholesale Market Price	\$ 0.1368	129	\$ 17.65	\$ 0.1368	129	\$ 17.65	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 1,306.41			\$ 1,207.07	\$ (99.34)	
HST	13%		\$ 169.83	13%		\$ 156.92		-7.60%
Ontario Electricity Rebate	31.8%		\$ (415.44)	31.8%		\$ (383.85)		
Total Bill on Average IESO Wholesale Market Price			\$ 1,476.24			\$ 1,363.98	\$ (112.26)	-7.60%

Customer Class: STREET LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP: Non-RPP (Other)

Consumption 15,000 kWh
Demand _ _ _ kW Current Loss Factor Proposed/Approved Loss Factor 1.0509 1.0509

	Current O	EB-Approved	i		Proposed		Impact		
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 0.61	1197			1197		\$ -	0.00%	
Distribution Volumetric Rate	\$ 6.6280	15000		\$ 6.6280	15000		\$ -	0.00%	
Fixed Rate Riders			\$ -	\$ -	1197		\$ -		
Volumetric Rate Riders	\$ -	15000		\$ -	15000		\$ -		
Sub-Total A (excluding pass through)			\$ 100,150.17			\$ 100,150.17	\$ -	0.00%	
Line Losses on Cost of Power		-	\$ -	\$ -	-	\$ -	\$ -		
Total Deferral/Variance Account Rate	-\$ 0.3938	15.000	\$ (5,907.00)	-\$ 1.3257	15.000	\$ (19,885.50)	\$ (13.978.50)	236.64%	
Riders		.,	,		.,		, , , , ,	200.0170	
CBR Class B Rate Riders		15,000		\$ -	15,000		\$ -		
GA Rate Riders		15,000		-\$ 0.0005	15,000				
Low Voltage Service Charge	\$ 0.4007	15,000	\$ 6,010.50	\$ 0.4007	15,000	\$ 6,010.50	\$ -	0.00%	
Smart Meter Entity Charge (if applicable)	\$ -	1197	\$ -	\$ -	1197	\$ -	\$ -		
Additional Fixed Rate Riders	s -	1197	\$ -	s .	1197	s -	s -		
Additional Volumetric Rate Riders	š	15,000		Š .		\$ -	\$ -		
Sub-Total B - Distribution (includes Sub-	*	10,000		*	.0,000				
Total A)			\$ 100,253.67			\$ 86,267.67	\$ (13,986.00)	-13.95%	
RTSR - Network	\$ 1.9933	15.764	\$ 31,421,38	\$ 2.0715	15.764	\$ 32.654.09	\$ 1,232,71	3.92%	
RTSR - Connection and/or Line and									
Transformation Connection	\$ 1.0775	15,764	\$ 16,985.17	\$ 1.0941	15,764	\$ 17,246.85	\$ 261.67	1.54%	
Sub-Total C - Delivery (including Sub-			\$ 148,660.23			\$ 136,168.61	\$ (12,491.62)	-8.40%	
Total B)			¥,			• 100,100.01	¥ (.=, .0)	0.1070	
Wholesale Market Service Charge	\$ 0.0034	15,764	\$ 53.60	\$ 0.0034	15,764	\$ 53.60	\$ -	0.00%	
(WMSC)	0.0004	10,704	Ψ 00.00	0.0004	10,704	Ψ 00.00	*	0.0070	
Rural and Remote Rate Protection	\$ 0.0005	15,764	\$ 7.88	\$ 0.0005	15,764	\$ 7.88	\$ -	0.00%	
(RRRP)	,					*	·		
Standard Supply Service Charge	\$ 0.25	1197			1197			0.00%	
Average IESO Wholesale Market Price	\$ 0.1368	15,764	\$ 2,156.45	\$ 0.1368	15,764	\$ 2,156.45	\$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			\$ 151,177.40			\$ 138,685.78	\$ (12,491.62)	-8.26%	
HST	13%		\$ 19,653.06	13%		\$ 18,029.15	\$ (1,623.91)	-8.26%	
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -			
Total Bill on Average IESO Wholesale Market Price			\$ 170,830.46			\$ 156,714.93	\$ (14,115.53)	-8.26%	

1.0509 Current Loss Factor Proposed/Approved Loss Factor

	Current OEB-Approved				Proposed					Impact			
	Rate		Volume		Charge		Rate	Volume		Charge			
	(\$)				(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	18.12		\$	18.12	\$	18.12	1		18.12	\$	-	0.00%
Distribution Volumetric Rate	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	18.12				\$	18.12		-	0.00%
Line Losses on Cost of Power	\$	0.1368	38	\$	5.22	\$	0.1368	38	\$	5.22	\$	-	0.00%
Total Deferral/Variance Account Rate	_e	0.0011	750	\$	(0.83)	_e	0.0037	750	\$	(2.78)	l e	(1.95)	236.36%
Riders		0.0011		l '	(0.03)	-Ψ	0.0057		Ψ	(2.70)	l '	(1.55)	230.3070
CBR Class B Rate Riders	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
GA Rate Riders	\$	-	750	\$	-	-\$	0.0005	750	\$	(0.38)		(0.38)	
Low Voltage Service Charge	\$	0.0014	750	\$	1.05	\$	0.0014	750	\$	1.05	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	e	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	 \$	_	0.00%
	*	0.01		l '	0.01	*	0.07			0.01	l '		0.0070
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				s	24.14				\$	21.81	\$	(2.33)	-9.63%
Total A)				*					*		· .		
RTSR - Network	\$	0.0070	788	\$	5.52	\$	0.0073	788	\$	5.75	\$	0.24	4.29%
RTSR - Connection and/or Line and	s	0.0039	788	\$	3.07	\$	0.0040	788	\$	3.15	\$	0.08	2.56%
Transformation Connection	*			Ť	0.01	Ť	0.00.0		*			0.00	
Sub-Total C - Delivery (including Sub-				s	32.73				\$	30.72	\$	(2.01)	-6.14%
Total B)				*					*		<u> </u>	(=.0.,	•,0
Wholesale Market Service Charge	\$	0.0034	788	\$	2.68	\$	0.0034	788	\$	2.68	\$	_	0.00%
(WMSC)	*	0.0004	700	۳	2.00	*	0.0004	100	Ψ	2.00	"		0.0070
Rural and Remote Rate Protection	s	0.0005	788	\$	0.39	\$	0.0005	788	\$	0.39	\$	_	0.00%
(RRRP)	*	0.0000		Ť	0.00	Ť	0.0000		*	0.00	_		0.0070
Standard Supply Service Charge													
Non-RPP Retailer Avg. Price	\$	0.1368	750	\$	102.60	\$	0.1368	750	\$	102.60	\$	-	0.00%
Total Bill on Non-RPP Avg. Price				\$	138.40				\$	136.39		(2.01)	-1.45%
HST		13%		\$	17.99		13%		\$	17.73		(0.26)	-1.45%
Ontario Electricity Rebate		31.8%		\$	(44.01)		31.8%		\$	(43.37)			
Total Bill on Non-RPP Avg. Price				\$	156.39				\$	154.12	\$	(2.27)	-1.45%

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

274 kWh - kW 1.0509 1.0509 Consumption Demand Current Loss Factor

Proposed/Approved Loss Factor

		Current OEB-Approved					Proposed					Impact		
	R	ate	Volume		Charge		Rate	Volume	Charge					
	(\$)			(\$)		(\$)			(\$)	\$	Change	% Change	
Monthly Service Charge	\$	18.12	1	\$	18.12	\$	18.12	1	\$	18.12	\$	-	0.00%	
Distribution Volumetric Rate	\$	-	274	\$	-	\$	-	274	\$	-	\$	-		
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Volumetric Rate Riders	\$	-	274	\$	-	\$	-	274	\$	-	\$	-		
Sub-Total A (excluding pass through)				\$	18.12				\$		\$	-	0.00%	
Line Losses on Cost of Power	\$	0.1280	14	\$	1.79	\$	0.1280	14	\$	1.79	\$	-	0.00%	
Total Deferral/Variance Account Rate		0.0011	274	s	(0.30)		0.0037	274	\$	(1.01)	,	(0.71)	236.36%	
Riders	-9	0.0011	214	۹	(0.30)	- - p	0.0037	2/4	Þ	(1.01)	٦	(0.71)	230.30%	
CBR Class B Rate Riders	\$	-	274	\$	-	\$	-	274	\$	-	\$	-		
GA Rate Riders	\$	-	274	\$	-	\$	-	274	\$	-	\$	-		
Low Voltage Service Charge	\$	0.0014	274	\$	0.38	\$	0.0014	274	\$	0.38	\$	-	0.00%	
Smart Meter Entity Charge (if applicable)		0.57		_	0.57		0.57		•	0.57	ļ _		0.000/	
7 - 3 (11 /	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%	
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Additional Volumetric Rate Riders	\$	-	274	\$	-	\$	-	274	\$	-	\$	-		
Sub-Total B - Distribution (includes Sub-					22.52				•	40.04		(0.74)	0.470/	
Total A)				\$	20.56				\$	19.84	\$	(0.71)	-3.47%	
RTSR - Network	\$	0.0070	288	\$	2.02	\$	0.0073	288	\$	2.10	\$	0.09	4.29%	
RTSR - Connection and/or Line and		0.0000	000	_	4.40		0.0040	000	•	4.45	ļ _	0.00	0.500/	
Transformation Connection	\$	0.0039	288	\$	1.12	\$	0.0040	288	\$	1.15) Þ	0.03	2.56%	
Sub-Total C - Delivery (including Sub-				_	22.72				_	20.40		(0.00)	0.500/	
Total B)				\$	23.70				\$	23.10	\$	(0.60)	-2.52%	
Wholesale Market Service Charge		0.0034	200		0.00	_	0.0004	000	•	0.00	_		0.000/	
(WMSC)	\$	0.0034	288	\$	0.98	\$	0.0034	288	\$	0.98	\$	-	0.00%	
Rural and Remote Rate Protection			000	_	0.44	١.					1		0.000/	
(RRRP)	Þ	0.0005	288	\$	0.14	\$	0.0005	288	\$	0.14	\$	-	0.00%	
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%	
TOU - Off Peak	\$	0.1280	175	\$	22.45	\$	0.1280	175	\$	22.45	\$	-	0.00%	
TOU - Mid Peak	\$	0.1280	49	\$	6.31	\$	0.1280	49	\$	6.31	\$	-	0.00%	
TOU - On Peak	\$	0.1280	49	\$	6.31	\$	0.1280	49	\$	6.31	\$	-	0.00%	
Total Bill on TOU (before Taxes)				\$	60.14				\$	59.54	\$	(0.60)	-0.99%	
HST		13%		Š.	7.82		13%		\$		\$	(0.08)	-0.99%	
Ontario Electricity Rebate		31.8%		Š.	(19.12)		31.8%		\$	(18.93)		0.19		
Total Bill on TOU		01.070		S	48.83		31.070		\$	48.35		(0.48)	-0.99%	
				Ť	-70.00				*	-0.00	Ψ.	(0.40)	-0.0070	

Current Loss Factor Proposed/Approved Loss Factor

	Current OEB-Approved				Proposed	In	npact	
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.12	1	\$ 18.12	\$ 18.12		Ψ 10.12	\$ -	0.00%
Distribution Volumetric Rate		274	\$ -	\$ -	274	\$ -	\$ -	
Fixed Rate Riders	-	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	274	\$ -	\$ -	274	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 18.12			\$ 18.12	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.1368	14	\$ 1.91	\$ 0.1368	14	\$ 1.91	\$ -	0.00%
Total Deferral/Variance Account Rate	-\$ 0.0011	274	\$ (0.30)	-\$ 0.0037	274	\$ (1.01)	\$ (0.71)	236.36%
Riders	-\$ 0.0011	2/4	φ (0.30)	-\$ 0.0037	2/4	\$ (1.01)	φ (0.71)	230.30%
CBR Class B Rate Riders	-	274	\$ -	\$ -	274	\$ -	\$ -	
GA Rate Riders	\$ -	274	\$ -	-\$ 0.0005	274	\$ (0.14)	\$ (0.14)	
Low Voltage Service Charge	\$ 0.0014	274	\$ 0.38	\$ 0.0014	274	\$ 0.38	\$ -	0.00%
Smart Meter Entity Charge (if applicable)			\$ 0.57					0.00%
,	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	s -	\$ -	
Additional Volumetric Rate Riders	-	274	\$ -	\$ -	274	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 20.68			\$ 19.83	\$ (0.85)	-4.11%
Total A)						•	\$ (0.65)	
RTSR - Network	\$ 0.0070	288	\$ 2.02	\$ 0.0073	288	\$ 2.10	\$ 0.09	4.29%
RTSR - Connection and/or Line and	\$ 0.0039	288	\$ 1.12	\$ 0.0040	288	\$ 1.15	\$ 0.03	2.56%
Transformation Connection	\$ 0.0039	200	φ 1.1 <u>2</u>	\$ 0.0040	200	a 1.15	φ 0.03	2.30%
Sub-Total C - Delivery (including Sub-			\$ 23.82			\$ 23.08	\$ (0.73)	-3.08%
Total B)			3 23.02			\$ 23.00	φ (0.73)	-3.06%
Wholesale Market Service Charge	\$ 0.0034	288	\$ 0.98	\$ 0.0034	288	\$ 0.98	s -	0.00%
(WMSC)	\$ 0.0034	200	φ 0.9o	\$ 0.0034	200	\$ U.90] -	0.00%
Rural and Remote Rate Protection	\$ 0.0005	288	\$ 0.14	\$ 0.0005	288	\$ 0.14	s -	0.00%
(RRRP)	\$ 0.0005	200	J 0.14	\$ 0.0005	200	φ U.14] -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1368	274	\$ 37.48	\$ 0.1368	274	\$ 37.48	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 62.42			\$ 61.69	\$ (0.73)	-1.18%
HST	13%		\$ 8.12	13%	,[\$ 8.02		-1.18%
Ontario Electricity Rebate	31.8%		\$ (19.85)			\$ (19.62)	` ` ` ` `	
Total Bill on Non-RPP Avg. Price	01.07		\$ 70.54	1		\$ 69.71	\$ (0.83)	-1.18%
g						79.17	,,	14,0

Appendix 4 2018 RRWF⁴²

2

1

⁴² MFR - Supporting documentation (e.g. relevant past decisions, RRWF etc.)





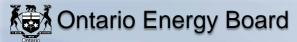
Version 7.00

Utility Name	Hydro Hawkesbury Inc.
Service Territory	
Assigned EB Number	EB-2017-0048
Name and Title	Michel Poulin, General Manager
Phone Number	613-632-6689
Email Address	mpoulin@hydrohawkesbury.ca

The RRWF has been enhanced commencing with 2017 rate applications to provide estimated base distribution rates. The enhanced RRWF is not intended to replace a utility's formal rate generator model which should continue to be the source of the proposed rates as well as the final ones at the conclusion of the proceeding. The load forecasting addition made to this model is intended to be demonstrative only and does not replace the information filed in the utility's application. In an effort to minimize the incremental work required from utilities, the cost allocation and rate design additions to this model do in fact replace former appendices that were required to be filed as part of the cost of service (Chapter 2) filing requirements.

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



1. Info 8. Rev_Def_Suff

2. Table of Contents 9. Rev_Reqt

3. Data Input Sheet 10. Load Forecast

4. Rate_Base 11. Cost Allocation

<u>5. Utility Income</u> <u>12. Residential Rate Design</u>

6. Taxes_PILs 13. Rate Design and Revenue Reconciliation

7. Cost_of_Capital 14. Tracking Sheet

Notes:

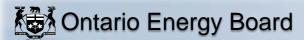
(1) Pale green cells represent inputs

(2) Pale green boxes at the bottom of each page are for additional notes

(3) Pale yellow cells represent drop-down lists

(4) Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.

(5) Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel format.



Data Input (1)

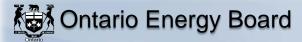
		Initial Application	(2)	Adjustments		terrogatory tesponses	(6)	Adjustments	Per Board Decision
1	Rate Base								
	Gross Fixed Assets (average) Accumulated Depreciation (average)	\$7,983,667 (\$923,368)	(5)		\$	7,983,667 (\$923,368)		(\$10,153) (\$255)	\$7,973,514 (\$923,622)
	Allowance for Working Capital: Controllable Expenses Cost of Power	\$1,210,114 \$19,519,602		\$17,768 \$122,266	\$ \$	1,227,882 19,641,868		\$0 (\$35,000) (\$1,122,200)	\$1,192,882 \$18,519,668
	Working Capital Rate (%)	7.50%	(9)			7.50%	(9)		7.50% (9)
2	Utility Income								
	Operating Revenues: Distribution Revenue at Current Rates	\$1,611,356		(\$11,267)		\$1,600,090		\$23,558	\$1,623,647
	Distribution Revenue at Proposed Rates Other Revenue:	\$1,774,699		\$13,681		\$1,788,380		(\$28,479)	\$1,744,140
	Specific Service Charges	\$64,948		\$322		\$65,270		\$0	\$65,270
	Late Payment Charges	\$29,740		\$0		\$29,740		\$0	\$29,740
	Other Distribution Revenue	\$30,777		\$0		\$30,777		\$0	\$30,777
	Other Income and Deductions	\$82,429		\$0		\$82,429		\$6,000	\$88,429
	Total Revenue Offsets	\$207,894	(7)	\$322		\$208,216		\$6,000	\$214,216
	Operating Expenses:								
	OM+A Expenses	\$1,210,114			\$	1,210,114		(\$35,000)	\$1,175,114
	Depreciation/Amortization	\$280,878		A 4 T T O O	\$	280,878		\$190	\$281,068
	Property taxes Other expenses	\$ -		\$17,768	\$	17,768			\$17,768
•	·								
3	Taxes/PILs Taxable Income:								
	Adjustments required to arrive at taxable income	(\$247,497)	(3)			(\$247,497)			(\$247,307)
	Utility Income Taxes and Rates:								
	Income taxes (not grossed up)	\$8,259				\$8,308			\$8,957
	Income taxes (grossed up)	\$9,717				\$9,774			\$10,538
	Federal tax (%)	10.50%				10.50%			10.50%
	Provincial tax (%) Income Tax Credits	4.50%				4.50%			4.50%
4	Capitalization/Cost of Capital Capital Structure:								
	Long-term debt Capitalization Ratio (%)	56.0%				56.0%			56.0%
	Short-term debt Capitalization Ratio (%)	4.0%	(8)			4.0%	(8)		4.0% (8)
	Common Equity Capitalization Ratio (%)	40.0%				40.0%			40.0%
	Prefered Shares Capitalization Ratio (%)								
		100.0%				100.0%			100.0%
	Cost of Capital								
	Long-term debt Cost Rate (%)	3.59%				3.50%			3.33%
	Short-term debt Cost Rate (%)	1.76%				1.76%			2.29%
	Common Equity Cost Rate (%) Prefered Shares Cost Rate (%)	8.78%				8.78%			9.00%
	i refered Strates Cost Nate (%)								

Notes:

Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4

- through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.

 All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
- Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I
- Net of addbacks and deductions to arrive at taxable income.
- (4) Average of Gross Fixed Assets at beginning and end of the Test Year
- Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
- (7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
- 4.0% unless an Applicant has proposed or been approved for another amount.
- (9) The default Working Capital Allowance factor is **7.5%** (of Cost of Power plus controllable expenses), per the letter issued by the Board on June 3, 2015. Alternatively, a WCA factor based on lead-lag study, with supporting rationale could be provided.



Rate Base and Working Capital

Rate Base

Line No.	Particulars	. <u>-</u>	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(2)	\$7,983,667	\$ -	\$7,983,667	(\$10,153)	\$7,973,514
2	Accumulated Depreciation (average)	(2)	(\$923,368)	\$ -	(\$923,368)	(\$255)	(\$923,622)
3	Net Fixed Assets (average)	(2)	\$7,060,300	\$ -	\$7,060,300	(\$10,408)	\$7,049,892
4	Allowance for Working Capital	(1)	\$1,554,729	\$10,503	\$1,565,231	(\$86,790)	\$1,478,441
5	Total Rate Base	: =	\$8,615,028	\$10,503	\$8,625,531	(\$97,198)	\$8,528,333

(1) Allowance for Working Capital - Derivation

Controllable Expenses		\$1,210,114	\$17,768	\$1,227,882	(\$35,000)	\$1,192,882
Cost of Power		\$19,519,602	\$122,266	\$19,641,868	(\$1,122,200)	\$18,519,668
Working Capital Base		\$20,729,716	\$140,034	\$20,869,750	(\$1,157,200)	\$19,712,551
Working Capital Rate %	(1)	7.50%	0.00%	7.50%	0.00%	7.50%
Working Capital Allowance		\$1,554,729	\$10,503	\$1,565,231	(\$86,790)	\$1,478,441

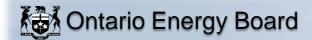
Notes

9

10

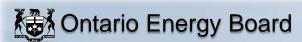
Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2017 cost of service applications is 7.5%, per the letter issued by the Board on June 3, 2015.

Average of opening and closing balances for the year.



Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Operating Revenues: Distribution Revenue (at Proposed Rates)	\$1,774,699	\$13,681	\$1,788,380	(\$44,239)	\$1,744,140
2	Other Revenue (1)	\$207,894	\$322	\$208,216	\$6,000	\$214,216
3	Total Operating Revenues	\$1,982,593	\$14,003	\$1,996,596	(\$38,239)	\$1,958,356
4 5 6 7 8	Operating Expenses: OM+A Expenses Depreciation/Amortization Property taxes Capital taxes Other expense	\$1,210,114 \$280,878 \$ - \$ - \$ -	\$ - \$ - \$17,768 \$ - \$ -	\$1,210,114 \$280,878 \$17,768 \$-	(\$35,000) \$190 \$ - \$ - \$ -	\$1,175,114 \$281,068 \$17,768 \$-
9	Subtotal (lines 4 to 8)	\$1,490,993	\$17,768	\$1,508,761	(\$34,810)	\$1,473,951
10	Deemed Interest Expense	\$179,324	(\$4,191)	\$175,133	(\$8,284)	\$166,848
11	Total Expenses (lines 9 to 10)	\$1,670,316	\$13,577	\$1,683,893	(\$43,094)	\$1,640,799
12	Utility income before income taxes	\$312,277	\$426	\$312,702	\$4,855	\$317,557
13	Income taxes (grossed-up)	\$9,717	\$57	\$9,774	\$764	\$10,538
14	Utility net income	\$302,560	\$369	\$302,929	\$4,091	\$307,020
<u>Notes</u>	Other Revenues / Revenue	e Offsets				
(1)	Specific Service Charges Late Payment Charges Other Distribution Revenue Other Income and Deductions	\$64,948 \$29,740 \$30,777 \$82,429	\$322 \$ - \$ - \$ -	\$65,270 \$29,740 \$30,777 \$82,429	\$ - \$ - \$ - \$6,000	\$65,270 \$29,740 \$30,777 \$88,429
	Total Revenue Offsets	\$207,894	<u>\$322</u>	<u>\$208,216</u>	\$6,000	\$214,216



Taxes/PILs

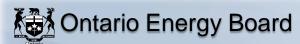
Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
	Determination of Taxable Income			
1	Utility net income before taxes	\$302,560	\$302,929	\$307,020
2	Adjustments required to arrive at taxable utility income	(\$247,497)	(\$247,497)	(\$247,307)
3	Taxable income	\$55,063	\$55,431	\$59,713
	Calculation of Utility income Taxes			
4	Income taxes	\$8,259	\$8,308	\$8,957
6	Total taxes	\$8,259	\$8,308	\$8,957
7	Gross-up of Income Taxes	\$1,458	\$1,466	<u>\$1,581</u>
8	Grossed-up Income Taxes	\$9,717	\$9,774	\$10,538
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$9,717	\$9,774	\$10,538
10	Other tax Credits	\$ -	\$ -	\$ -
	Tax Rates			
11 12 13	Federal tax (%) Provincial tax (%) Total tax rate (%)	10.50% 4.50% 15.00%	10.50% 4.50% 15.00%	10.50% 4.50% 15.00%

Notes



Capitalization/Cost of Capital

Line No.	Particulars	Capitaliza	tion Ratio	Cost Rate	Return
		Initial Ap	pplication		
	.	(%)	(\$)	(%)	(\$)
4	Debt Debt	FC 000/	#4.004.44C	2.500/	¢470.050
1 2	Long-term Debt Short-term Debt	56.00% 4.00%	\$4,824,416	3.59% 1.76%	\$173,259 \$6,065
3	Total Debt	60.00%	\$344,601 \$5,169,017	3.47%	\$6,065 \$179,324
3	Total Debt	00.0076	φ5,109,017	3.47 /6	\$179,324
	Equity				****
4	Common Equity	40.00%	\$3,446,011	8.78%	\$302,560
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$3,446,011	8.78%	\$302,560
7	Total	100.00%	\$8,615,028	5.59%	\$481,883
		Interrogator	y Responses		
		on o gato	y recipement		
		(%)	(\$)	(%)	(\$)
	Debt		* • • • • • • • • • • • • • • • • • • •	. =	
1	Long-term Debt	56.00%	\$4,830,297	3.50%	\$169,060
2 3	Short-term Debt Total Debt	4.00% 60.00%	\$345,021 \$5,175,319	<u>1.76%</u> 3.38%	\$6,072 \$175,133
3	Total Debt	00.00 /6	φ5,175,519	3.36 /6	\$175,135
	Equity				
4	Common Equity	40.00%	\$3,450,212	8.78%	\$302,929
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$3,450,212	8.78%	\$302,929
7	Total	100.00%	\$8,625,531	5.54%	\$478,061
		Per Board	d Decision		
				42.43	
	Debt	(%)	(\$)	(%)	(\$)
8	Long-term Debt	56.00%	\$4,775,867	3.33%	\$159,036
9	Short-term Debt	4.00%	\$341,133	2.29%	\$7,812
10	Total Debt	60.00%	\$5,117,000	3.26%	\$166,848
44	Equity Common Family	40.000/	CO 444 000	0.000/	#207.000
11 12	Common Equity Preferred Shares	40.00% 0.00%	\$3,411,333 \$ -	9.00% 0.00%	\$307,020 \$ -
13	Total Equity	40.00%	y - \$3,411,333	9.00%	\$307,020
					
14	Total	100.00%	\$8,528,333	5.56%	\$473,868
<u>Notes</u>					

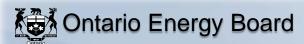


Revenue Deficiency/Sufficiency

		Initial Appli	cation	Interrogatory	Responses	Per Board Decision		
Line No.	Particulars	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	
1 2 3	Revenue Deficiency from Below Distribution Revenue Other Operating Revenue Offsets - net	\$1,611,356 \$207,894	\$180,736 \$1,593,963 \$207,894	\$1,600,090 \$208,216	\$210,019 \$1,578,361 \$208,216	\$1,623,647 \$214,216	\$129,359 \$1,614,781 \$214,216	
4	Total Revenue	\$1,819,250	\$1,982,593	\$1,808,306	\$1,996,596	\$1,837,863	\$1,958,356	
5 6 8	Operating Expenses Deemed Interest Expense Total Cost and Expenses	\$1,490,993 \$179,324 \$1,670,316	\$1,490,993 \$179,324 \$1,670,316	\$1,508,761 \$175,133 \$1,683,893	\$1,508,761 \$175,133 \$1,683,893	\$1,473,951 \$166,848 \$1,640,799	\$1,473,951 \$166,848 \$1,640,799	
9	Utility Income Before Income Taxes	\$148,934	\$312,277	\$124,412	\$312,702	\$197,064	\$317,557	
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$247,497)	(\$247,497)	(\$247,497)	(\$247,497)	(\$247,307)	(\$247,307)	
11	Taxable Income	(\$98,563)	\$64,779	(\$123,085)	\$65,205	(\$50,243)	\$70,250	
12 13	Income Tax Rate Income Tax on Taxable Income	15.00% \$ -	15.00% \$9,717	15.00% \$ -	15.00% \$9,781	15.00% \$ -	15.00% \$10,537	
14 15	Income Tax On Taxable Income Income Tax Credits Utility Net Income	\$ - \$148,934	\$ - \$302,560	\$ - \$124,412	\$ - \$302,929	\$ - \$197,064	\$ - \$307,020	
16	Utility Rate Base	\$8,615,028	\$8,615,028	\$8,625,531	\$8,625,531	\$8,528,333	\$8,528,333	
17	Deemed Equity Portion of Rate Base	\$3,446,011	\$3,446,011	\$3,450,212	\$3,450,212	\$3,411,333	\$3,411,333	
18	Income/(Equity Portion of Rate Base)	4.32%	8.78%	3.61%	8.78%	5.78%	9.00%	
19	Target Return - Equity on Rate Base	8.78%	8.78%	8.78%	8.78%	9.00%	9.00%	
20	Deficiency/Sufficiency in Return on Equity	-4.46%	0.00%	-5.17%	0.00%	-3.22%	0.00%	
21 22	Indicated Rate of Return Requested Rate of Return on Rate Base	3.81% 5.59%	5.59% 5.59%	3.47% 5.54%	5.54% 5.54%	4.27% 5.56%	5.56% 5.56%	
23	Deficiency/Sufficiency in Rate of Return	-1.78%	0.00%	-2.07%	0.00%	-1.29%	0.00%	
24 25 26	Target Return on Equity Revenue Deficiency/(Sufficiency) Gross Revenue Deficiency/(Sufficiency)	\$302,560 \$153,626 \$180,736 ⁽¹⁾	\$302,560 \$ -	\$302,929 \$178,516 \$210,019 ⁽¹⁾	\$302,929 \$ -	\$307,020 \$109,956 \$129,359 ⁽¹⁾	\$307,020 (\$0)	

Notes:

Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)



Revenue Requirement

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
1	OM&A Expenses	\$1,210,114	\$1,210,114	\$1,175,114
2	Amortization/Depreciation	\$280,878	\$280,878	\$281,068
3	Property Taxes	\$ -	\$17,768	\$17,768
5	Income Taxes (Grossed up)	\$9,717	\$9,774	\$10,538
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$179,324	\$175,133	\$166,848
	Return on Deemed Equity	\$302,560	\$302,929	\$307,020
8	Service Revenue Requirement			
	(before Revenues)	\$1,982,593	\$1,996,596	\$1,958,356
9	Revenue Offsets	\$207,894	\$208,216	\$214,216
10	Base Revenue Requirement	\$1,774,699	\$1,788,380	\$1,744,140
	(excluding Tranformer Owership Allowance credit adjustment)			
11	Distribution revenue	\$1,774,699	\$1,788,380	\$1,744,140
12	Other revenue	\$207,894	\$208,216	\$214,216
12	Other revenue	Ψ201,004	Ψ200,210	ΨΖΙΨ,ΖΙΟ
13	Total revenue	\$1,982,593	\$1,996,596	\$1,958,356
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	<u> </u>	(1) \$ -	(1) (\$0)

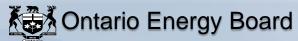
Summary Table of Revenue Requirement and Revenue Deficiency/Sufficiency

	Application	Interrogatory Responses	Δ% ⁽²⁾	Per Board Decision	Δ% (2)
Service Revenue Requirement Grossed-Up Revenue	\$1,982,593	\$1,996,596	\$0	\$1,958,356	(\$1)
Deficiency/(Sufficiency)	\$180,736	\$210,019	\$0	\$129,359	(\$1)
Base Revenue Requirement (to be recovered from Distribution Rates)	\$1,774,699	\$1,788,380	\$0	\$1,744,140	(\$1)
Revenue Deficiency/(Sufficiency) Associated with Base Revenue	ψ1,77 4 ,099	\$1,700,300	φυ	ψ1,744,140	(41)
Requirement	\$163,342	\$188,290	\$0	\$120,493	(\$1)

<u>Notes</u>

1) Line 11 - Line 8

Percentage Change Relative to Initial Application



Load Forecast Summary

This spreadsheet provides a summary of the customer and load forecast on which the test year revenue requirement is derived. The amounts serve as the denominators for deriving the rates to recover the test year revenue requirement for purposes of this RRWF.

The information to be input is inclusive of any adjustments to kWh and kW to reflect the impacts of CDM programs up to and including CDM programs planned to be executed in the test year. i.e., the load forecast adjustments determined in **Appendix 2-IB** and in Exhibit 3 of the application.

Appendix 2-IB is still required to be filled out, as it also provides a year-over-year variance analysis of demand growth andf trends from historical actuals to the Bridge and Test Year forecasts.

	Stage	in	Pro	cess
--	-------	----	-----	------

Per Board Decision

	Customer Class
	Input the name of each customer class.
1 2	Residential
	General Service < 50 kW
3	General Service > 50 to 4999 kW
4	Unmetered Scattered Load
5	Sentinel Lighting
6	Street Lighting
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	

	In	itial Application	
Customer / Connections		kWh	kW/kVA ⁽¹⁾
Test Year average or mid-year		Annual	Annual
4,836		48,228,553	-
618		18,143,532	-
89 10		81,021,489 429,307	211,046
57		84,029	238
1,211		641,942	1,844
		4.40 E.40 0E4	242 420

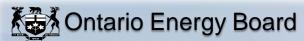
Interrogatory Responses						
Customer / Connections	kWh	kW/kVA ⁽¹⁾				
Test Year average or mid-year	Annual	Annual				
4,836 618 89 10 57 1,211	47,552,180 17,889,082 79,885,218 422,721 82,740 632,094	- 212,831 4 240 1,857				
	146,464,034	214,932				

Per Board Decision						
Customer / Connections	kWh	kW/kVA ⁽¹⁾				
Test Year average or mid-year	Annual	Annual				
4,836	50,454,856	-				
618	17,883,115	-				
89	85,142,906	221,782				
10	432,358	-				
57	84,626	240				
1,211	646,505	1,857				
		_				
	454 644 267	222 970				

Total 148,548,851 213,128 146,464,034 214,932 154,644,367 223,879

Notes:

Input kW or kVA for those customer classes for which billing is based on demand (kW or kVA) versus energy consumption (kWh)



Cost Allocation and Rate Design

This spreadsheet replaces **Appendix 2-P** and provides a summary of the results from the Cost Allocation spreadsheet, and is used in the determination of the class revenue requirement and, hence, ultimately, the determination of rates from customers in all classes to recover the revenue requirement.

Stage in Application Process: Per Board Decision

A) Allocated Costs

Name of Customer Class (3) From Sheet 10. Load Forecast		Allocated from ious Study ⁽¹⁾	%		llocated Class nue Requirement (1) (7A)	%
1 Residential 2 General Service < 50 kW 3 General Service > 50 to 4999 kW 4 Unmetered Scattered Load 5 Sentinel Lighting 6 Street Lighting 7 8 9 10 11 12 13 14 15 16 17 18 19 20	\$ \$ \$ \$ \$ \$	935,363 227,732 398,722 1,202 1,333 26,213	58.81% 14.32% 25.07% 0.08% 0.08% 1.65%	\$ \$ \$ \$ \$ \$	1,187,516 293,420 443,989 3,209 2,306 27,915	60.64% 14.98% 22.67% 0.16% 0.12% 1.43%
Total	\$	1,590,565	100.00%	\$	1,958,355	100.00%
Allocated Revenue Requirement does not match Base Revenue Requirement from Sheet 9. Check data.				\$	1,744,140.47	

- (1) Class Allocated Revenue Requirement, from Sheet O-1, Revenue to Cost || RR, row 40, from the Cost Allocation Study in this application. This excludes costs in deferral and variance accounts. For Embedded Distributors, Account 4750 Low Voltage (LV) Costs are also excluded.
- (2) Host Distributors Provide information on any embedded distributor(s) as a separate class, if applicable. If embedded distributors are billed in a General Service class, include the allocated costs and revenues of the embedded distributor(s) in the applicable class, and also complete Appendix 2-Q.
- (3) Customer Classes If these differ from those in place in the previous cost allocation study, modify the customer classes to match the proposal in the current application as closely as possible.

B) Calculated Class Revenues

Name of Customer Class		Forecast (LF) X ent approved rates (7B)		LF X current proved rates X (1+d) (7C)	LF)	X Proposed Rates (7D)	N	Aiscellaneous Revenues (7E)
1 Residential 2 General Service < 50 kW 3 General Service > 50 to 4999 kW 4 Unmetered Scattered Load 5 Sentinel Lighting 6 Street Lighting 7 8 9 10 11 12 13 14 15 16	\$ \$ \$ \$ \$	947,893 223,727 428,586 2,448 1,921 19,072	\$ \$ \$ \$ \$ \$	1,018,238 240,330 460,392 2,630 2,063 20,487	\$ \$ \$ \$ \$	1,017,397 241,185 460,397 2,627 2,065 20,469	\$ \$ \$ \$ \$ \$	150,470 49,657 11,341 296 187 2,265
17 18 19 20 Total	\$	1,623,647	\$	1,744,140	\$	1,744,140	\$	214,216

⁽⁴⁾ In columns 7B to 7D, LF means Load Forecast of Annual Billing Quantities (i.e., customers or connections, as applicable X 12 months, and kWh, kW or kVA as applicable. Revenue quantities should be net of the Transformer Ownership Allowance for applicable customer classes. Exclude revenues from rate adders and rate riders.

⁽⁵⁾ Columns 7C and 7D - Column Total should equal the Base Revenue Requirement for each.

⁽⁶⁾ Column 7C - The OEB-issued cost allocation model calculates "1+d" on worksheet O-1, cell C22. "d" is defined as Revenue Deficiency/Revenue at Current Rates.

⁽⁷⁾ Column 7E - If using the OEB-issued cost allocation model, enter Miscellaneous Revenues as it appears on worksheet O-1, row 19,

C) Rebalancing Revenue-to-Cost Ratios

Most Recent Year: 2014 % 100.00% 98.00% 100.00% 70.00% 120.00% 120.00%	98.42% 98.83% 106.25% 91.19% 97.58% 81.50%	98.35% 99.12% 106.25% 91.10% 97.67% 81.44%	% 85 - 115 85 - 115 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120
% 100.00% 98.00% 100.00% 70.00% 120.00%	98.42% 98.83% 106.25% 91.19% 97.58%	98.35% 99.12% 106.25% 91.10% 97.67%	85 - 115 85 - 115 80 - 120 80 - 120 80 - 120 80 - 120
98.00% 100.00% 70.00% 120.00%	98.83% 106.25% 91.19% 97.58%	99.12% 106.25% 91.10% 97.67%	85 - 115 80 - 120 80 - 120 80 - 120 80 - 120
100.00% 70.00% 120.00%	106.25% 91.19% 97.58%	106.25% 91.10% 97.67%	80 - 120 80 - 120 80 - 120 80 - 120
70.00% 120.00%	91.19% 97.58%	91.10% 97.67%	80 - 120 80 - 120 80 - 120
120.00%	97.58%	97.67%	80 - 120 80 - 120
			80 - 120
120.00%	81.50%	81.44%	
			80 - 120
			00 - 120

⁽⁸⁾ Previously Approved Revenue-to-Cost (R/C) Ratios - For most applicants, the most recent year would be the third year (at the latest) of the Price Cap IR period. For example, if the applicant, rebased in 2012 with further adjustments to move within the range over two years, the Most Recent Year would be 2015. However, the ratios in 2015 would be equal to those after the adjustment in 2014.

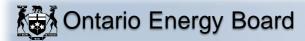
⁽⁹⁾ Status Quo Ratios - The OEB-issued cost allocation model provides the Status Quo Ratios on Worksheet O-1. The Status Quo means "Before Rebalancing".

⁽¹⁰⁾ Ratios shown in red are outside of the allowed range. Applies to both Tables C and D.

(D) Proposed Revenue-to-Cost Ratios (11)

Name of Customer Class	Propos	ed Revenue-to-Cost Ratio		Policy Range
	Test Year	Price Cap IR F	Period	
	2018	2019	2020	
Residential	98.35%	98.35%	98.35%	85 - 115
General Service < 50 kW	99.12%	99.12%	99.12%	85 - 115
General Service > 50 to 4999 kW	106.25%	106.25%	106.25%	80 - 120
Unmetered Scattered Load	91.10%	91.10%	91.10%	80 - 120
Sentinel Lighting	97.67%	97.67%	97.67%	80 - 120
Street Lighting	81.44%	81.44%	81.44%	80 - 120
				80 - 120

⁽¹¹⁾ The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2017 that is outside of the OEB's policy range for any customer class. Table D will show that the distributor is likely to enter into the 2018 and 2019 Price Cap IR models, as necessary. For 2018 and 2019, enter the planned revenue-to-cost ratios that will be "Change" or "No Change" in 2017 (in the current Revenue/Cost Ratio Adjustment Workform, Worksheet C1.1 'Decision - Cost Revenue Adjustment, column d), and enter TBD for class(es) that will be entered as 'Rebalance'.



New Rate Design Policy For Residential Customers

Please complete the following tables.

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for	Residential Class
Customers	4,836
kWh	50,454,856
Proposed Residential Class Specific	\$ 1,017,397.00
Revenue Requirement ¹	

Residential Base Rates on C	Surrent Tariff
Monthly Fixed Charge (\$)	11.90
Distribution Volumetric Rate (\$/kWh)	0.0051

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	11.9	4,836	\$ 690,573.46	72.85%
Variable	0.0051	50,454,856	\$ 257,319.77	27.15%
TOTAL	-	-	\$ 947,893.23	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy	
Transition Years ²	2

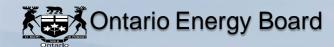
	est Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	 Reconciliation - Test Year Base Rates @ Current F/V Split		
Fixed	\$ 741,209.40	12.77	\$ 741,060.77		
Variable	\$ 276,187.60	0.0055	\$ 277,501.71		
TOTAL	\$ 1,017,397.00	-	\$ 1,018,562.48		

	New F/V Split	nue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	86.43%	\$ 879,303.20	15.15	\$ 879,175.46
Variable	13.57%	\$ 138,093.80	0.0027	\$ 136,228.11
TOTAL	-	\$ 1,017,397.00	-	\$ 1,015,403.57

Checks ³	
Change in Fixed Rate	\$ 2.38
Difference Between Revenues @	(\$1,993)
Proposed Rates and Class Specific	-0.20%

Notes:

- The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "4". Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)



Rate Design and Revenue Reconciliation

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and voluemtric rates based on the allocated class revenues and fixed/variable split resulting from the cost allocation study and rate design and as proposed by the applicant. However, the RRWF does not replace the rate generator model that an applicant distributor may use in support of its application. The RRWF provides a demonstrative check on the derivation of the revenue requirement and on the proposed base distribution rates to recover the revenue requirement, based on summary information from a more detailed rate generator model and other models that applicants use for cost allocation, load forecasting, taxes/PILs, etc.

Stage in Process:		Pe	er Board Decision			Class A	Allocated Rever	nues						Dis	stribution Ra	es			Revenue Reconciliati	on
	Customer and Lo	oad Forecast			From Sh		Cost Allocation ential Rate Des		eet 12.	Fixed / Variate Percentage to be fraction between	entered as a									
Customer Class From sheet 10. Load Forecast	Volumetric Charge Determinant	Customers / Connections	kWh	kW or kVA	Total Clas Revenue Requireme	9,	Monthly ervice Charge	Volu	umetric	Fixed	Variable	Transformer Ownership Allowance ¹ (\$)	Monthly Serv	vice Charge No. of decimals	Rate	Volumetric	Rate No. of decimals	MSC Revenues	Volumetric revenues	Revenues les Transforme Ownership Allowance
1 Residential 2 General Service < 50 kW 3 General Service > 50 to 4999 kW 4 Unmetered Scattered Load 5 Sentinel Lighting 6 Street Lighting 7 8 9 0 1 2 3 4 5 6 7 8 9 0	kWh kW kWh kW	4,836 618 89 10 57 1,211 - - - - - - - - - - -	50,454,856 17,883,115 85,142,906 432,358 84,626 646,505 - - - - - - - - - - - - - - - - -	- - 221,782 - 240 1,857 - - - - - - - - - - - -	\$ 1,017,3 \$ 241,1 \$ 460,3 \$ 2,6 \$ 2,0 \$ 20,4	85 \$ 97 \$ 27 \$ 65 \$.,	\$ \$ \$ \$ \$	138,264 126,550 352,710 1,809 935 11,888	86.41% 47.53% 23.39% 31.12% 54.72% 41.92%	13.59% 52.47% 76.61% 68.88% 45.28% 58.08%	\$ 113,523	\$15.15 \$15.47 \$101.01 \$7.12 \$1.66 \$0.59		\$0.00 \$0.00 \$2.10 \$0.00 \$3.89 \$6.40	71 /kWh 22 /kW 42 /kWh 60 /kW	4	\$ 879,175.46 \$ 114,640.36 \$ 107,689.21 \$ 818.04 \$ 1,130.06 \$ 8,576.47 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 136,228.1117 \$ 126,970.1179 \$ 466,229.6522 \$ 1,815.9055 \$ 935.0400 \$ 11,888.3072 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 1,015,403.5 \$ 241,610.4 \$ 460,395.8 \$ 2,633.9 \$ 2,065.1 \$ 20,464.7 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
									Tota	I Transformer Owners	ship Allowance	\$ 113,523						Total Distribution R	evenues	\$ 1,742,573.7
lotes:															Rates reco	ver revenue i	equirement	Base Revenue Requ	irement	\$ 1,744,140.4 -\$ 1,566.7

The Fixed/Variable split, for each customer class, drives the "rate generator" portion of this sheet of the RRWF. Only the "fixed" ratio is entered, as the sum of the "fixed" and "variable" portions must sum to 100%. For a distributor that may set the Monthly Service Charge, the "fixed" ratio is calcutated as: [MSC x (average number of customers or connections) x 12 months] / (Class Allocated Revenue Requirement).



Tracking Form

The first row shown, labelled "Original Application", summarizes key statistics based on the data inputs into the RRWF. After the original application filing, the applicant provides key changes in capital and operating expenses, load forecasts, cost of capital, etc., as revised through the processing of the application. This could be due to revisions or responses to interrogatories. The last row shown is the most current estimate of the cost of service data reflecting the original application and any updates provided by the applicant distributor (for updated evidence, responses to interrogatories, undertakings, etc.)

Please ensure a Reference (Column B) and/or Item Description (Column C) is entered. Please note that unused rows will automatically be hidden and the PRINT AREA set when the PRINT BUTTON on Sheet 1 is activated.

(1) Short reference to evidence material (interrogatory response, undertaking, exhibit number, Board Decision, Code, Guideline, Report of the Board, etc.)

Summary of Proposed Changes

		Cost o	Cost of Capital Rate Base and Capital Expenditures Operating Expenses			Revenue Requirement							
Reference ⁽¹⁾	Item / Description ⁽²⁾	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)		Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement	
	Original Application	\$ 481,883	5.59%	\$ 8,615,028	\$ 20,729,716	\$ 1,554,729	\$ 280,878	\$ 9,717	\$ 1,210,114	\$ 1,982,593	\$ 207,894	\$ 1,774,699	\$ 180,736
3-VECC-16	Correction of HDD/CDD formula (avg)	\$ 481,992	5.59%	\$ 8,616,977	\$ 20,755,691	\$ 1,556,677	\$ 280,878	\$ 9,729	\$ 1,210,114	\$ 1,982,714	\$ 207,894	\$ 1,774,820	\$ 179,615

⁽²⁾ Short description of change, issue, etc.

1

Appendix 5 PDF of IRM Generator⁴³

2 HHI was unable to print to PDF the IRM Rate Generator therefore the model is being filed in Excel format only.

1 Appendix 5 PDF of GA Workform

GA Analysis Workform

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

Year		2017		
Total Metered excluding WMP	C = A+B	138,957,085	kWh	100%
RPP	A	60,851,387	kWh	43.8%
Non RPP	B = D+E	78,105,698	kWh	56.2%
Non-RPP Class A	D	6,068,662	kWh	4.4%
Non-RPP Class B*	E	72,037,036	kWh	51.8%

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

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 paticular month

Note 4 Analysis of Expected GA Amount

201

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	7,464,796			7,464,796	0.06687	\$ 499,171	0.08227	\$ 614,129	\$ 114,958
February	6,817,575			6,817,575	0.10559	\$ 719,868	0.08639	\$ 588,970	\$ (130,897)
March	7,840,793			7,840,793	0.08409	\$ 659,332	0.07135	\$ 559,441	\$ (99,892)
April	6,079,984			6,079,984	0.06874	\$ 417,938	0.10778	\$ 655,301	\$ 237,363
May	6,512,413			6,512,413	0.10623	\$ 691,814	0.12307	\$ 801,483	\$ 109,669
June	6,678,143			6,678,143	0.11954	\$ 798,305	0.11848	\$ 791,226	\$ (7,079)
July	6,342,253			6,342,253	0.10652	\$ 675,577	0.11280	\$ 715,406	\$ 39,829
August	6,552,583			6,552,583	0.11500	\$ 753,547	0.10109	\$ 662,401	\$ (91,146)
September	5,777,200			5,777,200	0.12739	\$ 735,958	0.08864	\$ 512,091	\$ (223,867)
October	5,599,501			5,599,501	0.10212	\$ 571,821	0.12563	\$ 703,465	\$ 131,644
November	5,747,517			5,747,517	0.11164	\$ 641,653	0.09704	\$ 557,739	\$ (83,914)
December	5,957,041			5,957,041	0.08391	\$ 499,855	0.09207	\$ 548,465	\$ 48,609
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	77.369.799	_	_	77.369.799		\$ 7.664.838		\$ 7.710.116	\$ 45.278

Calculated Loss Factor	1.0740
Most Recent Approved Loss Factor for Secondary Metered	
Customer < 5,000kW	1.0541
Difference	0.0199

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

New OEB models were used to recalculate the variances for accounts 1588 and 1589 from 2017 to 2019

p) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%
Difference less than 1%

Note 5 Reconciling Items

		Amount		Detector I Adventure to			
	Item	Amount	Explanation		Principal Adjustments		
Net Cha	nge in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 22,944		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						
1b	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	Remove difference between prior year accrual/forecast to actual from long term load transfers						
3b	Add difference between current year accrual/forecast to actual from long term load transfers						
4	Remove GA balances pertaining to Class A customers						
5	Significant prior period billing adjustments recorded in current year						
	Differences in GA IESO posted rate and rate charged on IESO invoice						
	Differences in actual system losses and billed TLFs						
8	Others as justified by distributor						
9							
10							

Note 6	Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per	\$	22,944
	Analysis	\$	45,278
	Unresolved Difference	\$	(22,334)
	Unresolved Difference as % of Expected GA Payments	to	
	IESO		-0.3%

GA Analysis Workform

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

Year	2018			
Total Metered excluding WMP	C = A+B	144,139,136	kWh	100%
RPP	A	64,445,530	kWh	44.7%
Non RPP	B = D+E	79,693,606	kWh	55.3%
Non-RPP Class A	D	15,041,117	kWh	10.4%
Non-RPP Class B*	E	64,652,489	kWh	44.9%

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

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

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

Note 4 Analysis of Expected GA Amount

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	6,555,898			6,555,898	0.08777	\$ 575,411	0.06736	\$ 441,605	\$ (133,806)
February	5,743,034			5,743,034	0.07333	\$ 421,137	0.08167	\$ 469,034	\$ 47,897
March	6,000,409			6,000,409	0.07877	\$ 472,652	0.09481	\$ 568,899	\$ 96,247
April	5,615,644			5,615,644	0.09810	\$ 550,895	0.09959	\$ 559,262	\$ 8,367
May	5,703,698			5,703,698	0.09392	\$ 535,691	0.10793	\$ 615,600	\$ 79,909
June	5,756,560			5,756,560	0.13336	\$ 767,695	0.11896	\$ 684,800	\$ (82,894)
July	6,018,252			6,018,252	0.08502	\$ 511,672	0.07737	\$ 465,632	\$ (46,040)
August	5,960,754			5,960,754	0.07790	\$ 464,343	0.07490	\$ 446,460	\$ (17,882)
September	5,429,679			5,429,679	0.08424	\$ 457,396	0.08584	\$ 466,084	\$ 8,687
October	5,472,835			5,472,835	0.08921	\$ 488,232	0.12059	\$ 659,969	\$ 171,738
November	5,799,559			5,799,559	0.12235	\$ 709,576	0.09855	\$ 571,547	\$ (138,030)
December	5,359,685			5,359,685	0.09198	\$ 492,984	0.07404	\$ 396,831	\$ (96,153)
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	69,416,007	-		69,416,007		\$ 6,447,683		\$ 6.345,723	\$ (101,960)

1.0737

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

1.0509 0.0228

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.							
New OEB models were used to recalculate the variances for accounts 1588 and 1589 from 2017 to 2019							

Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%	
efformance large than 1%	

Note 5 Reconciling Items

	Principal Adjustments				
	Item	Amount	Explanation	Principal Adjustment	
Net Chai	nge in Principal Balance in the GL (i.e. Transactions in the Year)	\$ (153,217)		on DVA Continuity Schedule	If "no", please provide an explanation
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year				
1b	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	Remove difference between prior year accrual/forecast to actual from long term load transfers				
3b	Add difference between current year accrual/forecast to actual from long term load transfers				
4	Remove GA balances pertaining to Class A customers				
5	Significant prior period billing adjustments recorded in current year				
	Differences in GA IESO posted rate and rate charged on IESO invoice				
	Differences in actual system losses and billed TLFs				
8	Others as justified by distributor				
10					

Note 6	Adjusted Net Change in Principal Balance in the GL	s	(153.217)
	Net Change in Expected GA Balance in the Year Per		
	Analysis	\$	(101,960)
	Unresolved Difference	\$	(51,257)
	Unresolved Difference as % of Expected GA Payments t	to	
	IESO		-0.8%

GA Analysis Workform

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

Tear	2019				
Total Metered excluding WMP	C = A+B	141,271,361	kWh	100%	
RPP	A	63,970,070	kWh	45.3%	
Non RPP	B = D+E	77,301,291	kWh	54.7%	
Non-RPP Class A	D	13,264,976	kWh	9.4%	
Non-RPP Class B*	E	64,036,315	kWh	45.3%	

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

Note 3 GA Billing Rate

GA is billed on the

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 paticular month

Note 4 Analysis of Expected GA Amount Year

201

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	6,467,490			6,467,490	0.06741	\$ 435,974	0.08092	\$ 523,349	\$ 87,376
February	5,642,382			5,642,382	0.09657	\$ 544,885	0.08812	\$ 497,207	\$ (47,678)
March	5,939,248			5,939,248	0.08105	\$ 481,376	0.08041	\$ 477,575	\$ (3,801)
April	5,356,583			5,356,583	0.08129	\$ 435,437	0.12333	\$ 660,627	\$ 225,191
May	5,168,198			5,168,198	0.12860	\$ 664,630	0.12604	\$ 651,400	\$ (13,231)
June	5,156,999			5,156,999	0.12444	\$ 641,737	0.13728	\$ 707,953	\$ 66,216
July	6,013,060			6,013,060	0.13527	\$ 813,387	0.09645	\$ 579,960	\$ (233,427)
August	5,792,621			5,792,621	0.07211	\$ 417,706	0.12607	\$ 730,276	\$ 312,570
September	5,419,916			5,419,916	0.12934	\$ 701,012	0.12263	\$ 664,644	\$ (36,368)
October	5,491,012			5,491,012	0.17878	\$ 981,683	0.13680	\$ 751,170	\$ (230,513)
November	5,799,059			5,799,059	0.10727	\$ 622,065	0.09953	\$ 577,180	\$ (44,885)
December	5,836,909			5,836,909	0.08569	\$ 500,165	0.09321	\$ 544,058	\$ 43,894
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	68,083,477			68,083,477		\$ 7,240,056		\$ 7,365,400	\$ 125,344

Calculated Loss Factor	1.0632
Most Recent Approved Loss Factor for Secondary Metered	
Customer < 5,000kW	1.0509
Difference	0.0123

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

New OEB models were used to recalculate the variances for accounts 1588 and 1589 from 2017 to 2019

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

Note 5 Reconciling Items

	Item	Amount	Explanation	Principal Adjustments	
Net Char	nge in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 77,247		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year				
	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ 7,883			
2a	Remove prior year end unbilled to actual revenue differences				
	Add current year end unbilled to actual revenue differences				
	Remove difference between prior year accrual/unbilled to actual from load transfers				
	Add difference between current year accrual/unbilled to actual from load transfers				
	Significant prior period billing adjustments recorded in current year				
	Differences in actual system losses and billed TLFs				
	CT 2148 for prior period corrections				
F 6	Others as justified by distributor				
F 8					
9					
10					

Note 6	Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per	\$	85,130
	Analysis	\$	125,344
	Unresolved Difference	\$	(40,214)
	Unresolved Difference as % of Expected GA Payments t		
	IESO		-0.5%