



Hydro Hawkesbury Inc.

2020 IRM APPLICATION
EB-2019-0042

Submitted on September 9, 2019

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



September 9, 2019

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

Attention: Ms. Kirsten Walli, Board Secretary
Regarding: 2020 IRM Application (EB-2019-0042)

Dear Ms. Walli,

Hydro Hawkesbury Inc. is pleased to submit to the Ontario Energy Board its 2020 IRM Application in searchable format. This application is being filed pursuant to the Board's e-Filing Services.

Hard copies of the application will be sent to the OEB's offices via within a week.

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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10		

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, 2020.

1 INTRODUCTION

Hydro Hawkesbury Inc. hereby applies to the Ontario Energy Board (the "Board") for approval of its 2020 Distribution Rate Adjustments effective January 1, 2020. Hydro Hawkesbury applies for an Order or Orders approving the proposed distribution rates and 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.¹ The rates adjustment being applied for affects all classes of Hawkesbury Hydro's customer base; Residential, General Services both less than 50K and 50kW to 4999kW, Unmetered Scattered Load, Street Lights and Sentinel Lights.²

Hydro Hawkesbury has followed Chapter 3 of the Board's Filing Requirements for Transmission and Distribution Applications dated July 15, 2019 along with the Key References listed at section 3.1.1 of the Chapter 3 Incentive Rate-Setting Applications

In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of January 1, 2020, Hydro Hawkesbury requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the decided implementation date of the approved

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

2020 distribution rates. If the effective date does not coincide with the Board's determined implementation date for 2020 distribution rates and charges, Hydro Hawkesbury requests to be permitted to recover the incremental revenue from the effective date to the implementation date.

Hydro Hawkesbury requests that this application be disposed of by way of a written hearing. Hydro Hawkesbury confirms that the billing determinants used in the model are from most recent reported RRR filings. The utility reviewed both the existing "Tariff Sheets" and billing determinants in the pre-populated worksheets and confirms that they were accurate.

In the preparation of this application, Hydro Hawkesbury used the 2020 IRM Rate Generator issued on July 15, 2019. The rate and other adjustments being applied for and as calculated through the use of the above models include a Price Cap Incentive Rate-Setting ("Price Cap IR") option to adjust its 2020 rates. (The Price Cap IR methodology provides for a mechanistic and formulaic adjustment to distribution rates and charges in the period between Cost of Service applications). The model also adjusts Retail Transmission Service Rates in accordance with Board Guideline G-2008-0001 - Electricity Distribution Retail Transmission Service Rates revised on June 28, 2012.

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.
- In compliance of the OEB's new rate design policy for residential customers, Hydro Hawkesbury requests approval of a revised Minimum Fixed Charge of \$17.97 up from previously Board Approved \$17.76 and Volumetric Charge of \$0.0000 unchanged from previously Board Approved \$0.0000. The proposed

1 rates would complete the transition to a fully fixed residential rate. Further
2 details on Bill Impacts are presented at Section 16 of this application.

3
4 The annual adjustment mechanism is not being applied to the following components of
5 delivery rates:

- 6 • Rate Adders, Rate Riders, Low Voltage Service Charges, Retail Transmission
7 Service Rates, Wholesale Market Service Rate, Rural and Remote Rate
8 Protection Benefit and Charge, Standard Supply Service – Administrative
9 Charge, MicroFIT Service Charge, Specific Service Charges, Transformation and
10 Primary Metering Allowances, Smart Metering Entity Charge

11 HHI recognizes that the utility, its shareholder and all its customer classes will be
12 affected by the outcome of the herein application.

13

2 DISTRIBUTOR'S PROFILE

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 approximately 5,575 and is comprised of over 87% residential customers while 13% are small business or industrial based. The balance of the utility's customer base is comprised of Street Lights, Sentinel, and Unmetered Scattered Load

Hydro Hawkesbury relies on approximately 70 km of circuits deliver approximately 145M kWh of energy and 195,000 kW of power to approximately 5,575 customers. The circuits can be broken down into roughly 57 km of overhead lines and 13 km of the underground conductor. The distribution system is comprised of 43 km of 3-phases circuits and 27 km of single-phase circuits.

Hydro Hawkesbury's last Cost of Service application was for rates effective January 1, 2018.

3 PUBLICATION NOTICE

It is HHI's understanding that the Ontario Energy Board will make arrangements to publish the notice of Application, however, if the OEB is unable to do so, the utility proposes that its notice related to this Application appears in the following publications;

Le Carillon, 1100 Aberdeen, Hawkesbury, ON

And/or Le Régional, 124 Main St. East, Hawkesbury, ON

The primary contact for the herein application is;³

Michel Poulin

General Manager

Hydro Hawkesbury Inc.

850 Tupper St.

Hawkesbury, ON

K6A 3S7

Tel: 613-632-6689

[www. Hydrohawkesbury.ca](http://www.Hydrohawkesbury.ca)⁴

The alternate contact for the application is;

Manuela Ris-Schofield

Tandem Energy Services Inc.

Tel: 519-856-0080

Mobile: 416-562-9295

³ MRF - Contact info - primary contact may be a person within the applicant's organization other than the primary license contact

⁴ MFR - Applicant's internet address

4 PRICE CAP ADJUSTMENT

As per Board policy (Chapter 3), distribution rates are to be adjusted according to the Price Cap model presented through the Board's Rate Generator model. The calculation would be based on the annual percentage change in the GDP-IPI index.

In accordance with the Report of the Board: Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors, Hydro Hawkesbury was assigned Stretch Factor Group II with a Price Escalator of 1.20, Price Cap Index of 1.20% and a Stretch Factor Value of 0.0%.

The following table shows Hydro Hawkesbury's applicable factor for its Price Cap Adjustment.

Table 1 - Price Cap Parameters

Stretch Factor Group	I
Set Price Escalator	1.20%
Revised Price Escalator	0.00%
Stretch Factor Value	0.00%
Productivity Factor	0.00%
Price Cap Index	1.20%

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.

5 REVENUE TO COST RATIO ADJUSTMENT

Hydro Hawkesbury is not proposing to adjust its revenue to cost ratios in this proceeding as its revenue to cost ratios were recently adjusted and set as part of the 2018 Cost of Service Application.⁵ As such, HHI has not complete nor is filing a completed revenue-to-cost ratio adjustment work form.⁶

6 RATE DESIGN FOR RESIDENTIAL CLASS

In accordance with the Rate Design for Residential Electricity policy issued on April 2, 2015, Hydro Hawkesbury has transitioned to a fully fixed rate as part of its 2019 IRM. Table 2 shows the existing rates compared to the proposed rates. The bill impacts are discussed further in Section 15 of this application.

HHI notes that the filing requirements related to the Rate Design for Residential Electricity Customers are not applicable in HHI's case.^{7,8}

Table 2 - Current vs. Proposed Distribution Rates

Rate Class	Current MFC	Current Volumetric Charge	Proposed MFC	Proposed Volumetric Charge
Residential	17.76	0.0000	17.97	0.0000
GS < 50 kW	15.7	0.0072	15.89	0.0073
GS > 50 kW	102.5	2.1338	103.73	2.1594
USL	7.23	0.0043	7.32	0.0044
Sentinel Lights	1.68	3.9545	1.70	4.0020
Street Lighting	0.6	6.498	0.61	6.5760
MicroFit	10	10	10	10

⁵ 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

⁶ MFR - Completed revenue-to-cost ratio adjustment workform to adjust the revenue-to-cost ratio if previously approved by the OEB

⁷ MFR - Extension of OEB-approved transition period, if necessary (N/A)

⁸ MFR - Alternative/additional strategy in the event that an additional transition year is insufficient, or that no extension is necessary, however substantiated with reasons (N/A)

7 RTSR ADJUSTMENT

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

Hydro Hawkesbury used the RTSR Adjustment Worksheets embedded in the IRM Model, to determine the proposed adjustments to the current Retail Transmission Service Rates.

The Loss Factor applied to the metered kWh is the actual Board-approved 2018 Loss Factor.

The proposed adjustments of the Retail Transmission Service Rates are shown in the table below, and the detailed calculations can be found in the 2020 IRM Model filed in conjunction with this application.

Table 3 - Proposed RTSR

Retail Transmission Rate - Network Service Rate			
Rate Description	Unit	Current RTSR- Network	Proposed RTSR- Network
Residential	\$/kWh	0.0068	0.0069
GS<50 kW	\$/kWh	0.0062	0.0063
GS>50 kW	\$/kWh	2.5516	2.5987
USL	\$/kW	0.0062	0.0063
Sentinel Lights	\$/kWh	1.9250	1.9605
Street Lighting	\$/kW	1.9245	1.9600

Retail Transmission Rate - Line and Transformation Connection Service Rate			
Rate Description	Unit	Current RTSR- Connection	Proposed RTSR- Connection
Residential	\$/kWh	0.0038	0.0037
GS<50 kW	\$/kWh	0.0033	0.0032
GS>50 kW	\$/kWh	1.3674	1.3416
USL	\$/kW	0.0033	0.0032
Sentinel Lights	\$/kWh	2.1583	2.1175
Street Lighting	\$/kW	1.0570	1.0370

8 DEFERRAL AND VARIANCE ACCOUNT

Hydro Hawkesbury has completed the Board Staff's 2020 IRM Rate Generator – Tab 3 Continuity Schedule⁹ and the threshold test shows a claim per kWh of \$0.0111. The Report of the Board on Electricity Distributors' Deferral and Variance Account Review Report (the "EDDVAR Report") provides that during the IRM plan term, the distributor's Group 1 audited account balances will be reviewed and disposed if the preset disposition threshold of \$0.004 per kWh (debit or credit) is exceeded. Since the threshold was met Hydro Hawkesbury is, therefore, seeking disposal of its deferral and variance account in this proceeding. The Hydro Hawkesbury Group, 1 total claim balance, is -\$1,606,776 and is comprised of the following account balances. Details of these balances can be found in the 2020 IRM Model.

Table 4 - Deferral and Variance Account balances

Group 1 Accounts		
LV Variance Account	1550	11,921
Smart Metering Entity Charge Variance Account	1551	(2,525)
RSVA - Wholesale Market Service Charge ⁵	1580	(16,870)
Variance WMS – Sub-account CBR Class A5	1580	0
Variance WMS – Sub-account CBR Class B5	1580	(2,928)
RSVA - Retail Transmission Network Charge	1584	(92,063)
RSVA - Retail Transmission Connection Charge	1586	(57,560)
RSVA - Power ⁴	1588	112,772
RSVA - Global Adjustment ⁴	1589	(1,559,521)
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	
RSVA - Global Adjustment		(1,559,521)

⁹ MFR - Completed tab 3 - continuity schedule in Rate Generator Model

Total Group 1 Balance excluding Account 1589 - Global Adjustment		(47,254)
Total Group 1 Balance		(1,606,776)
RSVA - Global Adjustment		(1,559,521)

- HHI notes that all accounts are being disposed of.
- 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 was put into the general 1580 account. There should have been an amount of \$37,755 in Class B and (\$150,546) in the general account. HHI confirms that the amounts in the total column claim are correct. Lastly, HHI notes that the variance of - \$10,579 from the reported RRR 2.1.7 in account 1568 is due to the fact that the rate rider had not yet expired by the end of 2018 and as such, the balances have not been audited.
- HHI confirms that no adjustments have been made to balances previously approved by the OEB on a final basis
- HHI confirms that the GA rate riders were calculated on an energy basis (kWh) as per the OEB model.
- Due to the substantial balance that in accounts 1588 and 1589, HHI is proposing to deviate from the 1-year default disposition period and instead proposes a 4-year disposition. The 4 year is necessary in order for HHI to be able to meet its obligations.
- All rate riders are determined and calculated in accordance with the OEB model and policies.

9 DISPOSITION OF ACCOUNT 1595

HHI is not proposing to dispose of its 1595 balances as part of this application. The total balance in all accounts 1595 is \$473 and as such to immaterial to dispose of in its application. Therefore, HHI has not populated 1595.¹⁰

¹⁰ 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

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.¹¹

HHI confirms that there are no material residual balances which require further analysis, consisting of separating the components of the residual balances by each applicable rate rider and by customer rate class.

As such, HHI does not need to provide detailed explanations for any significant residual balances attributable to specific rate riders for each customer rate class including volume differences between forecast volumes (used to calculate the rate riders) as compared to actual volumes at which the rate riders were billed.¹²

10 GLOBAL ADJUSTMENT

Hydro Hawkesbury 'settlement process has not changed since it completed the OEB's Global Adjustment questionnaire. HHI's process can be summarized as follows.

Hydro Hawkesbury's 'settlement process has not changed since it completed the OEB's Global Adjustment questionnaire. HHI's process can be summarized as follows.

For its Class B customers, HHI reviews the general service accounts not eligible on a bi-monthly basis to determine which customers are eligible

disposition when one full year has elapsed since the associated rate riders' sunset dates have expired and the residual balances have been externally audited.

¹¹ 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

¹² 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.

1 *for the RPP. Any billing adjustments are made as part of the next billing*
2 *period.*

3 *HHI uses Global adjustment 1st estimate rate posted on the IESO*
4 *website, consistently for all billing purposes for the settlement month.*
5 *The variance recorded and reflected in RSVA GA 1589 on a quarterly*
6 *basis; however, HHI tracks the variances in a spreadsheet on a monthly*
7 *basis. When completing RPP vs. market price claim submitted via the*
8 *IESO Portal, HHI uses a bottom up approach.*

9 *The utility pulls out the RPP revenues for the month, divide that amount*
10 *by the fixed OEB power rate to determine the kWh. With the total*
11 *amount of kWh's sold obtained, HHI then multiplies the amount with*
12 *the estimated power rate, and that results in the amount of dollars*
13 *claimed/paid from/to IESO. HHI trues-up on a monthly basis upon*
14 *receipt of the power bills from IESO and Hydro One. The difference*
15 *between estimates and actuals, whether a payment or a claim is settled*
16 *in the following month.*

17 *In terms of Control and Oversight, HHI follows a substantive approach*
18 *using reconciliation procedures to ensure accuracy and completeness for*
19 *the settlement submission process where possible. In addition, HHI does*
20 *monthly bill testing for each class of customer, recalculates the various*
21 *charges based on approved rates and ensure all correct GL accounts are*
22 *used. HHI also has routine month-end balancing processes to ensure*
23 *sub-ledger.*

24 *HHI does have 1 or 2 Class A customers. Having only 1 or 2 Class A*
25 *customer, HHI through the settlement process on the IESO portal*
26 *provides the exact consumption for the upcoming billing period. Upon*

receipt of the IESO power invoice, HHI applies the exact amount from charge 147 on the IESO'S invoice on the customer's account. The results are a zero variance.

HHI's General Manager certifies that the information is processed, to the best of his understanding, in accordance with the OEB's policies and filing requirements.

HHI notes that it has completed the GA work form in accordance with the filing requirements. The work form has been filed along with this application.¹³

Below are HHI's responses to the questions in Appendix A of the GA Analysis Workform.

Appendix A - GA Methodology Description

Questions on Accounts 1588 & 1589¹⁴

1. Please complete the Table below for principal adjustments on the DVA Continuity Schedule for Account 1588:

Table 5 - Reconciliation of Account 1588

	Principal Adjustments	Was the amount a "Principal Adjustment" in the previous year? (Y/N)
Balance December 31, 2018	\$209,314.21	
Reversals of Principal Adjustments - previous year		
1. Reversal of Cost of Power accrual from previous year		
2. Reversal of CT 1142 true-up from the previous year		

¹³ MFR - Populated GA Analysis Workform

¹⁴ MFR - All distributors must file the responses to the questions in Appendix A of the GA Analysis Workform.

3. Unbilled to billed adjustment for the previous year		
4. Reversal of RPP vs. Non-RPP allocation		
Sub-Total Reversals from previous year (A):		
Principal Adjustments - current year		
5. Cost of power accrual for 2018 vs. Actual per IESO bill		
6. True-up of CT 1142 for 2018 consumption recorded in 2019 GL		
7. Unbilled accrued vs. billed for 2018 consumption		
8. True-up of RPP vs. Non-RPP allocation of CT 148 based on actual 2018 consumption		
9. Other		
Sub-Total Principal Adjustments for 2018 consumption (B)		
Total Principal Adjustments are shown for 2018 (A + B)		
Bal. For Disposition - 1588 (should match Total Claim column on DVA Continuity Schedule)	\$112,772	

2. In booking expense journal entries for Charge Type (CT) 1142 and CT 148 from the IESO invoice, please confirm which of the following approaches is used:
 - a. CT 1142 is booked into Account 1588. CT 148 is pro-rated based on RPP/non-RPP consumption and then booked into Account 1588 and 1589, respectively.
 - b. CT 148 is booked into Account 1589. The portion of CT 1142 equaling RPP minus HOEP for RPP consumption is booked into Account 1588. The portion of CT 1142 equaling GA RPP is credited into Account 1589.
 - c. If another approach is used, please explain in detail.
 - d. Was the approach described in response to the above questions used consistently for all years for which variances are proposed for disposition? If not, please discuss.

HHI Response: HHI uses method 2b.

3. Questions on CT 1142

- 1 a. Please describe how the initial RPP related GA is determined for settlement forms
2 submitted by day 4 after the month-end (resulting in CT 1142 on the IESO
3 invoice).

4 HHI Response: HHI takes the TOU revenues by class and divides by the RPP rate
5 to get the amount of kWh. Then the kWh is multiplied by the final GA rate.

- 6
7 b. Please describe the process for truing up CT 1142 to actual RPP kWh, including
8 which data is used for each TOU/Tier 1&2 prices, as well as the timing of the true-
9 up.

10 HHI Response: HHI, at month-end access the IESO portal to get the information
11 relating to CT 1142 in order to obtain all adjustments made on the specific
12 charges by IESO that are summarized on the Power Invoice. Those adjustments
13 are considered to calculate the true-up.

14 The total for each class is added, and HHI also deducts the total for TCOP. This
15 amount is claimed from IESO and credited to account 4707.

- 16
17 c. Has CT 1142 been trued up for with the IESO for all of 2018?

18 HHI Response: Yes.

- 19 d. Which months from 2018 were trued up in 2019?

20 HHI Response: December.

- 21 e. Were these true-ups recorded in the 2018 or 2019 balance in the General Ledger?

22 HHI Response: The true-ups were recorded in 2018.

- 23 f. Have all of the 2018 related true-up been reflected in the applicant's DVA
24 Continuity Schedule in this proceeding?

25 HHI Response: Yes.

26 4. Questions on CT 148

- 27 a. Please describe the process for the initial recording of CT 148 in the accounts (i.e.,
28 1588 and 1589).

29 HHI Response: HHI debits the amount for CT 148 from IESO and Hydro One
30 power bill to account 4707.

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- b. Please describe the process for true-up of the GA related cost to ensure that the amounts reflected in Account 1588 are related to RPP GA costs and amounts in 1589 are related to only non-RPP GA costs.

HHI Response: There are no GA amount in account 1588. GA is part of 1589 only.

- c. What data is used to determine the non-RPP kWh volume that is multiplied with the actual GA per kWh rate (based on CT 148) for recording as the initial GA expense in Account 1589?

HHI Response: HHI puts the full amount of GA charged by IESO and Hydro One in account 4707 and subtract the amount obtained in question 3 b.

Data used to determine the volume of RPP / non-RPP customers comes from the Billing stats exported directly from the billing system. Non-RPP customers' cycles are identified in order to identify the Non-RPP volume. RPP volume is determined by difference. Note that RPP customers are not billed GA as our control files are set to NEGATE GA to all RPP customers.

- d. Does the utility true up the initial recording of CT 148 in Accounts 1588 and 1589 based on estimated RPP/non-RPP consumption proportions to actuals based on actual RPP-non-RPP consumption proportions?

HHI Response: The initial recording of CT 148 is based on actual RPP – non-RPP consumption proportions

- e. Please indicate which months from 2018 were trued up in 2019 for CT 148 proportions between RPP and non-RPP

HHI Response: December 2018 was trued-up in January 2019.

- f. Were these true-ups recorded in the 2018 or 2019 balance in the General Ledger?

HHI Response: The true-up was recorded in 2018

- g. Are all true-ups for 2018 consumption reflected in the DVA Continuity Schedule?

HHI Response: Yes

5. Questions regarding principal adjustments and reversals on the DVA Continuity Schedule:

Questions on Principal Adjustments - Accounts 1588 and 1589

- a. Did the applicant have principal adjustments in its 2019 rate proceeding which were approved for disposition?

HHI Response: Yes, dispositions were approved in the 2019 rate proceeding. EB-2018-0040

- b. If yes, please provide a break-down of the total amount of principal adjustments that were approved (e.g., true-up of unbilled, true-up of CT 1142, true-up of CT 148, etc.) for each of Accounts 1588 and 1589.

HHI Response: Please see EB-2018-0040

- c. Has the applicant reversed the adjustment approved in 2019 rates in its current proposed amount for disposition?

HHI Response: Yes. A journal entry was made to record the dispositions approved by OEB.

6. NB: only the principal adjustments amounts that were disposed of in the previous proceeding should be reversed in this proceeding. For example, if no amount related to unbilled to billed adjustment for 2018 consumption was included in 2019 proceeding, this amount should not be included as a "reversal" from the previous year.

- a. Please confirm that the allocation of charge type 148 has been trued up to actual proportion of RPP/non-RPP consumption in the GL.

HHI Response: Yes

The tables below show the allocation of GA balance and the derivation of the GA rate riders.

1

Table 6 – Allocation of GA balances

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

2017

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

		Total	2018
Non-RPP Consumption Less WMP Consumption	A	79,693,605	79,693,605
Customers	B	1,589,001	1,589,001
Less Consumption for Full Year Class A Customers	C	12,502,583	12,502,583
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	65,602,021	65,602,021
All Class B Consumption for Transition Customers	E	1,732,421	1,732,421
Transition Customers' Portion of Total Consumption	F = E/D	2.64%	

Allocation of Total GA Balance \$

Total GA Balance	G	-\$ 1,559,521
Transition Customers Portion of GA Balance	H=F*G	-\$ 41,184
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$ 1,518,337

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	1					
Customer	Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2018	% of kWh	Customer Specific GA Allocation for the Period When They Were a Class B customer	Monthly Equal Payments	
Customer 1	1,732,421	1,732,421	100.00%	-\$ 41,184	-\$ 3,432	
Total	1,732,421	1,732,421	100.00%	-\$ 41,184		

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4

1

Table 7 – Calculation of GA Rate Rider

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

Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

Default Rate Rider Recovery Period (in months)	12
Proposed Rate Rider Recovery Period (in months)	48

Rate Rider Recovery to be used below

	Total Metered Non-RPP 2018 Consumption excluding WMP	Total Metered 2018 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2018 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider
	kWh	kWh	kWh	kWh			
RESIDENTIAL SERVICE CLASSIFICATION	kWh	868,559	0	0	868,559	1.4%	(\$20,648)
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	3,509,746	0	0	3,509,746	5.5%	(\$83,435)
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kWh	74,695,983	12,502,583	3,321,422	58,871,978	92.2%	(\$1,399,532)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	116,564	0	0	116,564	0.2%	(\$2,771)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	5,028	0	0	5,028	0.0%	(\$120)
STREET LIGHTING SERVICE CLASSIFICATION	kWh	497,725	0	0	497,725	0.8%	(\$11,832)
Total		79,693,605	12,502,583	3,321,422	63,869,600	100.0%	(\$1,518,338)

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11 DISPOSITION OF LRAMVA

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

Hydro Hawkesbury has populated the LRAMVA work form and found the balance not to be significant enough to include in its claim as the utility filed a 2018 Cost of Service application. Therefore, HHI is not filing the LRAMVA Workform as part of this application.

¹⁵HHI proposes to explore the possibility of disposing of its LRAMVA balances in its next IRM application in 2020.

Furthermore, HHI since the 2018 board approved rate rider had not yet expired at the end of 2018. (the rider expired on February 28, 2019), the balances have not been audited, and as such, HHI did not include any transactions, the board approved amounts or balances in Tab 3 DVA Continuity Schedule of the IRM model. As such, no rate rider has been calculated from the model.

12 TAX CHANGE

Hydro Hawkesbury has completed worksheets 8 of the IRM model which resulted in a tax change of \$0 from the tax rates embedded in its OEB 2018 Board Approved base rate. Since the amount is nil, no further action is required.

13 ICM/ACM/Z-FACTOR

¹⁵ 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

Hydro Hawkesbury did not apply for an Advanced Incremental module in its last Cost of Service nor is applying for recovery of Incremental Capital or Z-Factor in this proceeding.¹⁶

HHI notes that the Minimum Filing Requirements related to ICM / ACM and Z-Factors are not applicable in HHI's case.

14 REGULATORY RETURN ON EQUITY - OFF RAMP

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 distributor to earn within +/- 3% of the expected return on equity. The actual return on equity for 2016 is 17.63% which indicates an over earning when compared to the Board Approved 2014 rate of return. With staffing issues being resolved and the utility's substation in service, HHI expects that with an approved ROE of 8.78%, the utility will maintain its profitability at the approved level going forward.

Table 8 - Return on Equity Table

	2018BA	2018
Achieved ROE	9.00	-4.10
Deemed ROE	9.00	9.00
Difference	0.00	-13.10

HHI notes that its earnings are not in excess of the dead band of 300 basis points.¹⁷ HHI's actual ROE for 2018 shows an under-earning in comparison to the deemed ROE of 9% established as part of the utility's 2018 Cost of Service application. The main reason for the under-earning is the refund of the costs related to the substation in the amount of

¹⁶ 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

¹⁷ 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

253K. HHI considers this to be a one-time event which only affects its 2018 financial results. The second factor that affects the utility deemed vs. actual ROE is the use of regression analysis to determine the utility's cost of power. The methodology continuously overstates the cost of power, which in turn creates a discrepancy in the deemed financial indicators vs. the actual financial indicators. In this case, the cost of power was over calculated by 9M. HHI notes that it is bound by the filing requirements, which dictates the manner in which the load forecast and cost of power is calculated.

15 CURRENT TARIFF SHEET

Hydro Hawkesbury current tariff sheets are provided in Appendix 1.

16 PROPOSED TARIFF SHEET

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

17 BILL IMPACT

The table below shows the bill impacts. The bill impacts are calculated based on the dollar change in Sub-Total C – Delivery divided by the total bill before tax at current rates. The 10% percentile was calculated in the following manner;¹⁸

- 1) The utility produced a report for a recent month which included Residential Customer Number and their Monthly Consumptions. In this case, HHI opted to choose May of 2019 as May is generally a month where the weather is mild and not subject to extreme cold or warm days.
- 2) The report was then sorted by lowest to highest consumption.
- 3) Less than 50kWh monthly consumption was removed from the file.
- 4) The utility then calculate the 10th percentile by taking 10% of the customer count (or number of records in the report) , (e.g., 200 customer = 200)
- 5) The utility then established that the record in questions produced consumption of 000 kWh/month which in turn became the “ceiling” for the lowest 10th percentile.
- 6) The file used to calculate the 10th percentile is attached for your review.

¹⁸ 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).

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[illegible]

²¹ 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 CERTIFICATIONS OF EVIDENCE

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

Respectfully submitted,

Original Signed by:

Michel Poulin

Hydro Hawkesbury, Inc.

850 Tupper St.

Hawkesbury, ON

K6A 3S7

APPENDICES

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

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Appendix 1 2019 Current Tariff Sheet²²

²²MFR - Current tariff sheet, PDF

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

**This schedule supersedes and replaces all previously
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EB-2018-0040

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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17.76
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$	0.26
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019 - Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 - Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 - Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0082)
Rate Rider for the Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kWh	(0.0017)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 - Applicable only for Class B Customers - Approved on an Interim Basis	\$/kWh	0.0003
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until February 28, 2019	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

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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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	15.70
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0072
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019 - Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 - Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 - Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0082)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kWh	(0.0017)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kWh	0.0003
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kWh	(0.0018)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 - Applicable only for Class B Customers - Approved on an Interim Basis	\$/kWh	0.0003
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until February 28, 2019	\$/kWh	0.0021
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
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EB-2018-0040

Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the 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.

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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.

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	102.50
Distribution Volumetric Rate	\$/kW	2.1338
Low Voltage Service Rate	\$/kW	0.5184
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019		
Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019		
- Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0008

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

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Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kW	1.3106
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 - Applicable only for Non-Wholesale Market Participants	\$/kW	(3.1528)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kW	(0.6592)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kW	0.1144
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kW	(0.7508)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 - Applicable only for Class B Customers - Approved on an Interim Basis	\$/kW	0.1184
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until February 28, 2019	\$/kW	(0.1052)
Retail Transmission Rate - Network Service Rate	\$/kW	2.5516
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3674

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

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EB-2018-0040

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.

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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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	7.23
Distribution Volumetric Rate	\$/kWh	0.0043
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 - Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0082)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kWh	(0.0017)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kWh	0.0003
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kWh	(0.0018)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 - Applicable only for Class B Customers - Approved on an Interim Basis	\$/kWh	0.0003
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until February 28, 2019	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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EB-2018-0040

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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.68
Distribution Volumetric Rate	\$/kW	3.9545
Low Voltage Service Rate	\$/kW	0.8183
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019 - Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 - Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kW	1.2037
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 - Applicable only for Non-Wholesale Market Participants	\$/kW	(2.8958)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kW	(0.5748)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kW	0.1051
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kW	(1.1852)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 - Applicable only for Class B Customers - Approved on an Interim Basis	\$/kW	0.1055
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until February 28, 2019	\$/kW	(0.2210)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9250
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1583

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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EB-2018-0040

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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.60
Distribution Volumetric Rate	\$/kW	6.4980
Low Voltage Service Rate	\$/kW	0.4007
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019 - Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 - Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kW	1.1885
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 - Applicable only for Non-Wholesale Market Participants	\$/kW	(2.8592)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kW	(0.6057)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kW	0.1038
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kW	(0.5804)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 Applicable only for Class B Customers - Approved on an Interim Basis	\$/kW	0.1101
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until February 28, 2019	\$/kW	(0.5824)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9245
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0570

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0040

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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
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Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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EB-2018-0040

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 Debt Retirement Charge, 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	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	15.00
Disconnect/reconnect at meter - during regular hours	\$	30.00
Disconnect/reconnect at meter - after regular hours	\$	165.00
Disconnect/reconnect at pole - during regular hours	\$	100.00
Disconnect/reconnect at pole - after regular hours	\$	300.00
Install/remove load control device - during regular hours	\$	30.00
Install/remove load control device - after regular hours	\$	165.00

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)	\$	43.63

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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EB-2018-0040

RETAIL SERVICE CHARGES (if applicable)

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
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)	\$	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	1.0410

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Appendix 2 2020 Proposed Tariff Sheet

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2020
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2019-0040

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17.97
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 (2020) - effective until December 31, 2023		
Applicable only for Non-RPP Customers	\$/kWh	(0.0059)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
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

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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EB-2019-0040

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.

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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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	15.89
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 (2020) - effective until December 31, 2023		
Applicable only for Non-RPP Customers	\$/kWh	(0.0059)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	(0.0003)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033

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

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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EB-2019-0040

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.

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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.

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	103.73
Distribution Volumetric Rate	\$/kW	2.1594
Low Voltage Service Rate	\$/kW	0.5184

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
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EB-2019-0040

Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2023		
Applicable only for Non-RPP Customers	\$/kWh	(0.0059)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	(0.1211)
Retail Transmission Rate - Network Service Rate	\$/kW	2.5987
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3861

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

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
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EB-2019-0040

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	7.32
Distribution Volumetric Rate	\$/kWh	0.0044
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2023		
Applicable only for Non-RPP Customers	\$/kWh	(0.0059)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	(0.0003)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033

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

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
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EB-2019-0040

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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.70
Distribution Volumetric Rate	\$/kW	4.0020
Low Voltage Service Rate	\$/kW	0.8183
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2023		
Applicable only for Non-RPP Customers	\$/kWh	(0.0060)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	(0.1062)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9605
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1879

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

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
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EB-2019-0040

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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.61
Distribution Volumetric Rate	\$/kW	6.5760
Low Voltage Service Rate	\$/kW	0.4007
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2023 Applicable only for Non-RPP Customers	\$/kWh	(0.0059)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	(0.1118)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9600
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0715

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

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2020
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EB-2019-0040

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
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ALLOWANCES

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

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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 Debt Retirement Charge, 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

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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EB-2019-0040

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	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	15.00
Disconnect/reconnect at meter - during regular hours	\$	30.00
Disconnect/reconnect at meter - after regular hours	\$	165.00
Disconnect/reconnect at pole - during regular hours	\$	100.00
Disconnect/reconnect at pole - after regular hours	\$	300.00
Install/remove load control device - during regular hours	\$	30.00
Install/remove load control device - after regular hours	\$	165.00

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)	\$	43.63

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 Debt Retirement Charge, 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	\$	101.20
Monthly Fixed Charge, per retailer	\$	40.48
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.01
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	\$	1.01
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

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2020
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2019-0040

More than twice a year, per request (plus incremental delivery costs)

\$

4.05

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.

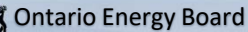
Total Loss Factor - Secondary Metered Customer < 5,000 kW

1.0509

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

1.041

Appendix 3 Bill Impacts



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2018 of \$0.1117/kWh (IESO's Monthly Market Report for May 2018, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1".

Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

[illegible]

Table 2

[illegible]

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0509	
Proposed/Approved Loss Factor	1.0509	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.76	1	\$ 17.76	\$ 17.97	1	\$ 17.97	\$ 0.21	1.18%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ 0.26	1	\$ 0.26	\$ -	1	\$ -	\$ (0.26)	-100.00%
Volumetric Rate Riders	\$ 0.0001	750	\$ (0.08)	\$ -	750	\$ -	\$ 0.08	-100.00%
Sub-Total A (excluding pass through)			\$ 17.95			\$ 17.97	\$ 0.02	0.14%
Line Losses on Cost of Power	\$ 0.0824	38	\$ 3.14	\$ 0.0824	38	\$ 3.14	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0065	750	\$ (4.88)	\$ 0.0004	750	\$ (0.30)	\$ 4.58	-93.85%
CBR Class B Rate Riders	\$ 0.0003	750	\$ 0.23	\$ -	750	\$ -	\$ (0.23)	-100.00%
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	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders		750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 18.06			\$ 22.43	\$ 4.37	24.23%
RTSR - Network	\$ 0.0068	788	\$ 5.36	\$ 0.0069	788	\$ 5.44	\$ 0.08	1.47%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0038	788	\$ 3.00	\$ 0.0039	788	\$ 3.07	\$ 0.08	2.63%
Sub-Total C - Delivery (including Sub-Total B)			\$ 26.41			\$ 30.95	\$ 4.53	17.16%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	788	\$ 2.68	\$ 0.0034	788	\$ 2.68	\$ -	0.00%
Rural and Remote Rate Protection (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	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	128	\$ 11.99	\$ 0.0940	128	\$ 11.99	\$ -	0.00%
TOU - On Peak	\$ 0.1340	135	\$ 18.09	\$ 0.1340	135	\$ 18.09	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 91.50			\$ 96.03	\$ 4.53	4.95%
HST	13%		\$ 11.89	13%		\$ 12.48	\$ 0.59	4.95%
8% Rebate	8%		\$ (7.32)	8%		\$ (7.68)	\$ (0.36)	-
Total Bill on TOU			\$ 96.07			\$ 100.83	\$ 4.76	4.95%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0509	
Proposed/Approved Loss Factor	1.0509	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 15.70	1	\$ 15.70	\$ 15.89	1	\$ 15.89	\$ 0.19	1.21%
Distribution Volumetric Rate	\$ 0.0072	2000	\$ 14.40	\$ 0.0073	2000	\$ 14.60	\$ 0.20	1.39%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0006	2000	\$ 1.20	\$ -	2000	\$ -	\$ (1.20)	-100.00%
Sub-Total A (excluding pass through)			\$ 31.30			\$ 30.49	\$ (0.81)	-2.59%
Line Losses on Cost of Power	\$ 0.0824	102	\$ 8.38	\$ 0.0824	102	\$ 8.38	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0065	2,000	\$ (13.00)	\$ 0.0003	2,000	\$ (0.60)	\$ 12.40	-95.38%
CBR Class B Rate Riders	\$ 0.0003	2,000	\$ 0.60	\$ -	2,000	\$ -	\$ (0.60)	-100.00%
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	1	\$ 0.57	\$ 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-Total A)			\$ 30.45			\$ 41.44	\$ 10.99	36.09%
RTSR - Network	\$ 0.0062	2,102	\$ 13.03	\$ 0.0063	2,102	\$ 13.24	\$ 0.21	1.61%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0033	2,102	\$ 6.94	\$ 0.0033	2,102	\$ 6.94	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 50.42			\$ 61.62	\$ 11.20	22.21%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,102	\$ 7.15	\$ 0.0034	2,102	\$ 7.15	\$ -	0.00%
Rural and Remote Rate Protection (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	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1340	360	\$ 48.24	\$ 0.1340	360	\$ 48.24	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 223.57			\$ 234.77	\$ 11.20	5.01%
HST	13%		\$ 29.06	13%		\$ 30.52	\$ 1.46	5.01%
8% Rebate	8%		\$ (17.89)	8%		\$ (18.78)	\$ (0.90)	
Total Bill on TOU			\$ 234.75			\$ 246.51	\$ 11.76	5.01%

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	24,000	kWh
Demand	240	kW
Current Loss Factor	1.0509	
Proposed/Approved Loss Factor	1.0509	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 102.50	1	\$ 102.50	\$ 103.73	1	\$ 103.73	\$ 1.23	1.20%
Distribution Volumetric Rate	\$ 2.1338	240	\$ 512.11	\$ 2.1594	240	\$ 518.26	\$ 6.14	1.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.7416	240	\$ (177.98)	\$ -	240	\$ -	\$ 177.98	-100.00%
Sub-Total A (excluding pass through)			\$ 436.63			\$ 621.99	\$ 185.36	42.45%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 2.5014	240	\$ (600.34)	\$ 0.1211	240	\$ (29.06)	\$ 571.27	-95.16%
CBR Class B Rate Riders	\$ 0.1184	240	\$ 28.42	\$ -	240	\$ -	\$ (28.42)	-100.00%
GA Rate Riders	\$ 0.0047	24,000	\$ 112.80	\$ 0.0059	24,000	\$ (141.60)	\$ (254.40)	-225.53%
Low Voltage Service Charge	\$ 0.5184	240	\$ 124.42	\$ 0.5184	240	\$ 124.42	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		240	\$ -		240	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 101.92			\$ 575.74	\$ 473.81	464.87%
RTSR - Network	\$ 2.5516	240	\$ 612.38	\$ 2.5987	240	\$ 623.69	\$ 11.30	1.85%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3674	240	\$ 328.18	\$ 1.3861	240	\$ 332.66	\$ 4.49	1.37%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,042.48			\$ 1,532.09	\$ 489.61	46.97%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	25,222	\$ 85.75	\$ 0.0034	25,222	\$ 85.75	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	25,222	\$ 12.61	\$ 0.0005	25,222	\$ 12.61	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	25,222	\$ 2,776.90	\$ 0.1101	25,222	\$ 2,776.90	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 3,918.00			\$ 4,407.60	\$ 489.61	12.50%
HST	13%		\$ 509.34	13%		\$ 572.99	\$ 63.65	12.50%
Total Bill on Average IESO Wholesale Market Price			\$ 4,427.34			\$ 4,980.59	\$ 553.25	12.50%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	4,600	kWh
Demand	-	kW
Current Loss Factor	1.0509	
Proposed/Approved Loss Factor	1.0509	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.23	1	\$ 7.23	\$ 7.32	1	\$ 7.32	\$ 0.09	1.24%
Distribution Volumetric Rate	\$ 0.0043	4600	\$ 19.78	\$ 0.0044	4600	\$ 20.24	\$ 0.46	2.33%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0016	4600	\$ (7.36)	\$ -	4600	\$ -	\$ 7.36	-100.00%
Sub-Total A (excluding pass through)			\$ 19.65			\$ 27.56	\$ 7.91	40.25%
Line Losses on Cost of Power	\$ 0.1101	234	\$ 25.78	\$ 0.1101	234	\$ 25.78	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0065	4,600	\$ (29.90)	\$ 0.0003	4,600	\$ (1.38)	\$ 28.52	-95.38%
CBR Class B Rate Riders	\$ 0.0003	4,600	\$ 1.38	\$ -	4,600	\$ -	\$ (1.38)	-100.00%
GA Rate Riders	\$ -	4,600	\$ -	\$ 0.0059	4,600	\$ (27.14)	\$ (27.14)	-100.00%
Low Voltage Service Charge	\$ 0.0013	4,600	\$ 5.98	\$ 0.0013	4,600	\$ 5.98	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		4,600	\$ -		4,600	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 22.89			\$ 30.80	\$ 7.91	34.56%
RTSR - Network	\$ 0.0062	4,834	\$ 29.97	\$ 0.0063	4,834	\$ 30.46	\$ 0.48	1.61%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0033	4,834	\$ 15.95	\$ 0.0033	4,834	\$ 15.95	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 68.81			\$ 77.21	\$ 8.39	12.20%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	4,834	\$ 16.44	\$ 0.0034	4,834	\$ 16.44	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	4,834	\$ 2.42	\$ 0.0005	4,834	\$ 2.42	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	4,600	\$ 506.46	\$ 0.1101	4,600	\$ 506.46	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 594.38			\$ 602.77	\$ 8.39	1.41%
HST	13%		\$ 77.27	13%		\$ 78.36	\$ 1.09	1.41%
Total Bill on Average IESO Wholesale Market Price			\$ 671.65			\$ 681.13	\$ 9.48	1.41%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	129	kWh
Demand	-	kW
Current Loss Factor	1.0509	
Proposed/Approved Loss Factor	1.0509	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.68	72	\$ 120.96	\$ 1.70	72	\$ 122.40	\$ 1.44	1.19%
Distribution Volumetric Rate	\$ 3.9545	129	\$ 510.13	\$ 4.0020	129	\$ 516.26	\$ 6.13	1.20%
Fixed Rate Riders	\$ -	72	\$ -	\$ -	72	\$ -	\$ -	
Volumetric Rate Riders	\$ 1.3011	129	\$ (167.84)	\$ -	129	\$ -	\$ 167.84	-100.00%
Sub-Total A (excluding pass through)			\$ 463.25			\$ 638.66	\$ 175.41	37.87%
Line Losses on Cost of Power	\$ 0.1101	7	\$ 0.72	\$ 0.1101	7	\$ 0.72	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 2.2669	129	\$ (292.43)	\$ 0.1062	129	\$ (13.70)	\$ 278.73	-95.32%
CBR Class B Rate Riders	\$ 0.1055	129	\$ 13.61	\$ -	129	\$ -	\$ (13.61)	-100.00%
GA Rate Riders	\$ 0.0047	129	\$ 0.61	\$ 0.0060	129	\$ (0.77)	\$ (1.38)	-227.66%
Low Voltage Service Charge	\$ 0.8183	129	\$ 105.56	\$ 0.8183	129	\$ 105.56	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		129	\$ -		129	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 291.32			\$ 730.47	\$ 439.15	150.75%
RTSR - Network	\$ 1.9250	136	\$ 260.96	\$ 1.9605	136	\$ 265.78	\$ 4.81	1.84%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.1583	136	\$ 292.59	\$ 2.1879	136	\$ 296.61	\$ 4.01	1.37%
Sub-Total C - Delivery (including Sub-Total B)			\$ 844.87			\$ 1,292.85	\$ 447.98	53.02%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	136	\$ 0.46	\$ 0.0034	136	\$ 0.46	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	136	\$ 0.07	\$ 0.0005	136	\$ 0.07	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	72	\$ 18.00	\$ 0.25	72	\$ 18.00	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	129	\$ 14.20	\$ 0.1101	129	\$ 14.20	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 877.61			\$ 1,325.58	\$ 447.98	51.05%
HST	13%		\$ 114.09	13%		\$ 172.33	\$ 58.24	51.05%
Total Bill on Average IESO Wholesale Market Price			\$ 991.70			\$ 1,497.91	\$ 506.21	51.05%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	15,000	kWh
Demand	-	kW
Current Loss Factor	1.0509	
Proposed/Approved Loss Factor	1.0509	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 0.60	1197	\$ 718.20	\$ 0.61	1197	\$ 730.17	\$ 11.97	1.67%
Distribution Volumetric Rate	\$ 6.4980	15000	\$ 97,470.00	\$ 6.5760	15000	\$ 98,640.00	\$ 1,170.00	1.20%
Fixed Rate Riders	\$ -	1197	\$ -	\$ -	1197	\$ -	\$ -	
Volumetric Rate Riders	\$ 1.0509	15000	\$ (15,885.00)	\$ -	15000	\$ -	\$ 15,885.00	-100.00%
Sub-Total A (excluding pass through)			\$ 82,303.20			\$ 99,370.17	\$ 17,066.97	20.74%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 2.2764	15,000	\$ (34,146.00)	\$ 0.1118	15,000	\$ (1,677.00)	\$ 32,469.00	-95.09%
CBR Class B Rate Riders	\$ 0.1101	15,000	\$ 1,651.50	\$ -	15,000	\$ -	\$ (1,651.50)	-100.00%
GA Rate Riders	\$ 0.0047	15,000	\$ 70.50	\$ 0.0059	15,000	\$ (88.50)	\$ (159.00)	-225.53%
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)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		15,000	\$ -		15,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 55,889.70			\$ 103,615.17	\$ 47,725.47	85.39%
RTSR - Network	\$ 1.9245	15,764	\$ 30,336.86	\$ 1.9600	15,764	\$ 30,896.46	\$ 559.60	1.84%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.0570	15,764	\$ 16,662.02	\$ 1.0715	15,764	\$ 16,890.59	\$ 228.57	1.37%
Sub-Total C - Delivery (including Sub-Total B)			\$ 102,888.58			\$ 151,402.22	\$ 48,513.65	47.15%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	15,764	\$ 53.60	\$ 0.0034	15,764	\$ 53.60	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	15,764	\$ 7.88	\$ 0.0005	15,764	\$ 7.88	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1197	\$ 299.25	\$ 0.25	1197	\$ 299.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	15,764	\$ 1,735.56	\$ 0.1101	15,764	\$ 1,735.56	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 104,984.86			\$ 153,498.51	\$ 48,513.65	46.21%
HST	13%		\$ 13,648.03	13%		\$ 19,954.81	\$ 6,306.77	46.21%
Total Bill on Average IESO Wholesale Market Price			\$ 118,632.90			\$ 173,453.32	\$ 54,820.42	46.21%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0509	
Proposed/Approved Loss Factor	1.0509	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.76	1	\$ 17.76	\$ 17.97	1	\$ 17.97	\$ 0.21	1.18%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ 0.26	1	\$ 0.26	\$ -	1	\$ -	\$ (0.26)	-100.00%
Volumetric Rate Riders	\$ 0.0001	750	\$ (0.08)	\$ -	750	\$ -	\$ 0.08	-100.00%
Sub-Total A (excluding pass through)			\$ 17.95			\$ 17.97	\$ 0.02	0.14%
Line Losses on Cost of Power	\$ 0.1101	38	\$ 4.20	\$ 0.1101	38	\$ 4.20	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0065	750	\$ (4.88)	\$ 0.0004	750	\$ (0.30)	\$ 4.58	-93.85%
CBR Class B Rate Riders	\$ 0.0003	750	\$ 0.23	\$ -	750	\$ -	\$ (0.23)	-100.00%
GA Rate Riders	\$ 0.0047	750	\$ 3.53	\$ 0.0059	750	\$ (4.43)	\$ (7.95)	-225.53%
Low Voltage Service Charge	\$ 0.0014	750	\$ 1.05	\$ 0.0014	750	\$ 1.05	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 22.64			\$ 19.07	\$ (3.58)	-15.79%
RTSR - Network	\$ 0.0068	788	\$ 5.36	\$ 0.0069	788	\$ 5.44	\$ 0.08	1.47%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0038	788	\$ 3.00	\$ 0.0039	788	\$ 3.07	\$ 0.08	2.63%
Sub-Total C - Delivery (including Sub-Total B)			\$ 31.00			\$ 27.58	\$ (3.42)	-11.02%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	788	\$ 2.68	\$ 0.0034	788	\$ 2.68	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	788	\$ 0.39	\$ 0.0005	788	\$ 0.39	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 116.65			\$ 113.23	\$ (3.42)	-2.93%
HST	13%		\$ 15.16	13%		\$ 14.72	\$ (0.44)	-2.93%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 131.81			\$ 127.95	\$ (3.86)	-2.93%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	200	kWh	
Demand	-	kW	
Current Loss Factor	1.0509		
Proposed/Approved Loss Factor	1.0509		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.76	1	\$ 17.76	\$ 17.97	1	\$ 17.97	\$ 0.21	1.18%
Distribution Volumetric Rate	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	-
Fixed Rate Riders	\$ 0.26	1	\$ 0.26	\$ -	1	\$ -	\$ (0.26)	-100.00%
Volumetric Rate Riders	\$ 0.0001	200	\$ (0.02)	\$ -	200	\$ -	\$ 0.02	-100.00%
Sub-Total A (excluding pass through)			\$ 18.00			\$ 17.97	\$ (0.03)	-0.17%
Line Losses on Cost of Power	\$ 0.0824	10	\$ 0.84	\$ 0.0824	10	\$ 0.84	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0065	200	\$ (1.30)	\$ 0.0004	200	\$ (0.08)	\$ 1.22	-93.85%
CBR Class B Rate Riders	\$ 0.0003	200	\$ 0.06	\$ -	200	\$ -	\$ (0.06)	-100.00%
GA Rate Riders	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0014	200	\$ 0.28	\$ 0.0014	200	\$ 0.28	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders		200	\$ -	\$ -	200	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 18.45			\$ 19.58	\$ 1.13	6.13%
RTSR - Network	\$ 0.0068	210	\$ 1.43	\$ 0.0069	210	\$ 1.45	\$ 0.02	1.47%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0038	210	\$ 0.80	\$ 0.0039	210	\$ 0.82	\$ 0.02	2.63%
Sub-Total C - Delivery (including Sub-Total B)			\$ 20.68			\$ 21.85	\$ 1.17	5.67%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	210	\$ 0.71	\$ 0.0034	210	\$ 0.71	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	210	\$ 0.11	\$ 0.0005	210	\$ 0.11	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	130	\$ 8.45	\$ 0.0650	130	\$ 8.45	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	34	\$ 3.20	\$ 0.0940	34	\$ 3.20	\$ -	0.00%
TOU - On Peak	\$ 0.1340	36	\$ 4.82	\$ 0.1340	36	\$ 4.82	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 38.22			\$ 39.39	\$ 1.17	3.07%
HST	13%		\$ 4.97	13%		\$ 5.12	\$ 0.15	3.07%
8% Rebate	8%		\$ (3.06)	8%		\$ (3.15)	\$ (0.09)	-
Total Bill on TOU			\$ 40.13			\$ 41.36	\$ 1.23	3.07%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	200	kWh
Demand	-	kW
Current Loss Factor	1.0509	
Proposed/Approved Loss Factor	1.0509	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.76	1	\$ 17.76	\$ 17.97	1	\$ 17.97	\$ 0.21	1.18%
Distribution Volumetric Rate	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	
Fixed Rate Riders	\$ 0.26	1	\$ 0.26	\$ -	1	\$ -	\$ (0.26)	-100.00%
Volumetric Rate Riders	\$ 0.0001	200	\$ (0.02)	\$ -	200	\$ -	\$ 0.02	-100.00%
Sub-Total A (excluding pass through)			\$ 18.00			\$ 17.97	\$ (0.03)	-0.17%
Line Losses on Cost of Power	\$ 0.1101	10	\$ 1.12	\$ 0.1101	10	\$ 1.12	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0065	200	\$ (1.30)	\$ 0.0004	200	\$ (0.08)	\$ 1.22	-93.85%
CBR Class B Rate Riders	\$ 0.0003	200	\$ 0.06	\$ -	200	\$ -	\$ (0.06)	-100.00%
GA Rate Riders	\$ 0.0047	200	\$ 0.94	\$ 0.0059	200	\$ (1.18)	\$ (2.12)	-225.53%
Low Voltage Service Charge	\$ 0.0014	200	\$ 0.28	\$ 0.0014	200	\$ 0.28	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 19.67			\$ 18.68	\$ (0.99)	-5.03%
RTSR - Network	\$ 0.0068	210	\$ 1.43	\$ 0.0069	210	\$ 1.45	\$ 0.02	1.47%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0038	210	\$ 0.80	\$ 0.0039	210	\$ 0.82	\$ 0.02	2.63%
Sub-Total C - Delivery (including Sub-Total B)			\$ 21.90			\$ 20.95	\$ (0.95)	-4.33%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	210	\$ 0.71	\$ 0.0034	210	\$ 0.71	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	210	\$ 0.11	\$ 0.0005	210	\$ 0.11	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	200	\$ 22.02	\$ 0.1101	200	\$ 22.02	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 44.74			\$ 43.79	\$ (0.95)	-2.12%
HST	13%		\$ 5.82	13%		\$ 5.69	\$ (0.12)	-2.12%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 50.55			\$ 49.48	\$ (1.07)	-2.12%

Customer Class:	Add additional scenarios if required	
RPP / Non-RPP:		
Consumption		kWh
Demand		kW
Current Loss Factor		
Proposed/Approved Loss Factor		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge		1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate		0	\$ -		0	\$ -	\$ -	
Fixed Rate Riders		1	\$ -		1	\$ -	\$ -	
Volumetric Rate Riders		0	\$ -		0	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ -			\$ -	\$ -	
Line Losses on Cost of Power	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders		-	\$ -		-	\$ -	\$ -	
CBR Class B Rate Riders		-	\$ -		-	\$ -	\$ -	
GA Rate Riders		-	\$ -		-	\$ -	\$ -	
Low Voltage Service Charge		-	\$ -		-	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders		1	\$ -		1	\$ -	\$ -	
Additional Volumetric Rate Riders		-	\$ -		-	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ -			\$ -	\$ -	
RTSR - Network		-	\$ -		-	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection		-	\$ -		-	\$ -	\$ -	
Sub-Total C - Delivery (including Sub-Total B)			\$ -			\$ -	\$ -	
Wholesale Market Service Charge (WMSC)	\$ 0.0034	-	\$ -	\$ 0.0034	-	\$ -	\$ -	
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	-	\$ -	\$ 0.0005	-	\$ -	\$ -	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	-	\$ -	\$ 0.0650	-	\$ -	\$ -	
TOU - Mid Peak	\$ 0.0940	-	\$ -	\$ 0.0940	-	\$ -	\$ -	
TOU - On Peak	\$ 0.1340	-	\$ -	\$ 0.1340	-	\$ -	\$ -	
Non-RPP Retailer Avg. Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Bill on TOU (before Taxes)			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
8% Rebate	8%		\$ (0.02)	8%		\$ (0.02)	\$ -	
Total Bill on TOU			\$ 0.26			\$ 0.26	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 0.28			\$ 0.28	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
8% Rebate	8%			8%				
Total Bill on Average IESO Wholesale Market Price			\$ 0.28			\$ 0.28	\$ -	0.00%

1 **Appendix 4 2018 RRWF²³**

2

3

²³ MFR - Supporting documentation (e.g. relevant past decisions, RRWF etc.)



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers



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.

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

prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

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



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

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[2. Table of Contents](#)

[3. Data Input Sheet](#)

[4. Rate Base](#)

[5. Utility Income](#)

[6. Taxes PILs](#)

[7. Cost of Capital](#)

[8. Rev Def Suff](#)

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[10. Load Forecast](#)

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[12. Residential Rate Design](#)

[13. Rate Design and Revenue Reconciliation](#)

[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.**



Revenue Requirement Workform (RRWF) for 2017 Filers

Data Input ⁽¹⁾

	Initial Application	(2)	Adjustments	Interrogatory Responses	(6)	Adjustments	Per Board Decision
1	Rate Base						
Gross Fixed Assets (average)	\$7,983,667			\$ 7,983,667		(\$10,153)	\$7,973,514
Accumulated Depreciation (average)	(\$923,368)	(5)		(\$923,368)		(\$255)	(\$923,622)
Allowance for Working Capital:						\$0	
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 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	\$1,774,699		\$13,681	\$1,788,380		(\$28,479)	\$1,744,140
Other Revenue:							
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			\$ 280,878		\$190	\$281,068
Property taxes	\$ -		\$17,768	\$ 17,768			\$17,768
Other expenses							
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 (%)	4.50%			4.50%			4.50%
Income Tax Credits							
4	Capitalization/Cost of Capital						
Capital Structure:							
Long-term debt Capitalization Ratio (%)	56.0%			56.0%			56.0%
Short-term debt Capitalization Ratio (%)	4.0%	(8)		4.0%	(8)		4.0% (8)
Common Equity Capitalization Ratio (%)	40.0%			40.0%			40.0%
Preferred Shares Capitalization Ratio (%)							
	100.0%			100.0%			100.0%
Cost of Capital							
Long-term debt Cost Rate (%)	3.59%			3.50%			3.33%
Short-term debt Cost Rate (%)	1.76%			1.76%			2.29%
Common Equity Cost Rate (%)	8.78%			8.78%			9.00%
Preferred Shares Cost Rate (%)							

Notes:

- General** 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.
- (1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
- (2) 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
- (3) Net of addbacks and deductions to arrive at taxable income.
- (4) Average of Gross Fixed Assets at beginning and end of the Test Year
- (5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- (6) 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
- (8) 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.



Revenue Requirement Workform (RRWF) for 2017 Filers

Rate Base and Working Capital

Line No.	Rate Base					
	Particulars	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

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

Notes

(1) 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.

(2) Average of opening and closing balances for the year.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
Operating Revenues:						
1	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
Operating Expenses:						
4	OM+A Expenses	\$1,210,114	\$ -	\$1,210,114	(\$35,000)	\$1,175,114
5	Depreciation/Amortization	\$280,878	\$ -	\$280,878	\$190	\$281,068
6	Property taxes	\$ -	\$17,768	\$17,768	\$ -	\$17,768
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
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

Notes

Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$64,948	\$322	\$65,270	\$ -	\$65,270
	Late Payment Charges	\$29,740	\$ -	\$29,740	\$ -	\$29,740
	Other Distribution Revenue	\$30,777	\$ -	\$30,777	\$ -	\$30,777
	Other Income and Deductions	\$82,429	\$ -	\$82,429	\$6,000	\$88,429
	Total Revenue Offsets	\$207,894	\$322	\$208,216	\$6,000	\$214,216



Revenue Requirement Workform (RRWF) for 2017 Filers

Taxes/PILs

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

Notes



Revenue Requirement Workform (RRWF) for 2017 Filers

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		Initial Application			
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$4,824,416	3.59%	\$173,259
2	Short-term Debt	4.00%	\$344,601	1.76%	\$6,065
3	Total Debt	60.00%	\$5,169,017	3.47%	\$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
		Interrogatory Responses			
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$4,830,297	3.50%	\$169,060
2	Short-term Debt	4.00%	\$345,021	1.76%	\$6,072
3	Total Debt	60.00%	\$5,175,319	3.38%	\$175,133
	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 Decision			
		(%)	(\$)	(%)	(\$)
	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
	Equity				
11	Common Equity	40.00%	\$3,411,333	9.00%	\$307,020
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	40.00%	\$3,411,333	9.00%	\$307,020
14	Total	100.00%	\$8,528,333	5.56%	\$473,868

Notes



Revenue Requirement Workform (RRWF) for 2017 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Interrogatory Responses		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$180,736		\$210,019		\$129,359
2	Distribution Revenue	\$1,611,356	\$1,593,963	\$1,600,090	\$1,578,361	\$1,623,647	\$1,614,781
3	Other Operating Revenue	\$207,894	\$207,894	\$208,216	\$208,216	\$214,216	\$214,216
4	Offsets - net						
4	Total Revenue	\$1,819,250	\$1,982,593	\$1,808,306	\$1,996,596	\$1,837,863	\$1,958,356
5	Operating Expenses	\$1,490,993	\$1,490,993	\$1,508,761	\$1,508,761	\$1,473,951	\$1,473,951
6	Deemed Interest Expense	\$179,324	\$179,324	\$175,133	\$175,133	\$166,848	\$166,848
8	Total Cost and Expenses	\$1,670,316	\$1,670,316	\$1,683,893	\$1,683,893	\$1,640,799	\$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	Income Tax Rate	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
13	Income Tax on Taxable Income	\$ -	\$9,717	\$ -	\$9,781	\$ -	\$10,537
14	Income Tax Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	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	Indicated Rate of Return	3.81%	5.59%	3.47%	5.54%	4.27%	5.56%
22	Requested Rate of Return on Rate Base	5.59%	5.59%	5.54%	5.54%	5.56%	5.56%
23	Deficiency/Sufficiency in Rate of Return	-1.78%	0.00%	-2.07%	0.00%	-1.29%	0.00%
24	Target Return on Equity	\$302,560	\$302,560	\$302,929	\$302,929	\$307,020	\$307,020
25	Revenue Deficiency/(Sufficiency)	\$153,626	\$ -	\$178,516	\$ -	\$109,956	(\$0)
26	Gross Revenue	\$180,736 ⁽¹⁾		\$210,019 ⁽¹⁾		\$129,359 ⁽¹⁾	
	Deficiency/(Sufficiency)						

Notes:

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



Revenue Requirement Workform (RRWF) for 2017 Filers

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)	<u>\$1,982,593</u>	<u>\$1,996,596</u>	<u>\$1,958,356</u>
9	Revenue Offsets	\$207,894	\$208,216	\$214,216
10	Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)	<u>\$1,774,699</u>	<u>\$1,788,380</u>	<u>\$1,744,140</u>
11	Distribution revenue	\$1,774,699	\$1,788,380	\$1,744,140
12	Other revenue	\$207,894	\$208,216	\$214,216
13	Total revenue	<u>\$1,982,593</u>	<u>\$1,996,596</u>	<u>\$1,958,356</u>
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	<u>\$ -</u> ⁽¹⁾	<u>\$ -</u> ⁽¹⁾	<u>(\$0)</u> ⁽¹⁾

Summary Table of Revenue Requirement and Revenue Deficiency/Sufficiency

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

Notes

⁽¹⁾

Line 11 - Line 8

⁽²⁾

Percentage Change Relative to Initial Application

Revenue Requirement Workform (RRWF) for 2017 Filers

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-I** should be incorporated into the entries. The inputs should correspond with the summary of the Load Forecast for the Test Year 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 and trends from historical actuals to the Bridge and Test Year forecasts.

Stage in Process:		Per Board Decision					
Customer Class		Initial Application			Interrogatory Responses		
Input the name of each customer class.		Customer / Connections	kWh	kW/kVA ⁽¹⁾	Customer / Connections	kWh	kW/kVA ⁽¹⁾
		Test Year average or mid-year	Annual	Annual	Test Year average or mid-year	Annual	Annual
1	Residential	4,836	48,228,553	-	4,836	47,552,180	-
2	General Service < 50 kW	618	18,143,532	-	618	17,889,082	-
3	General Service > 50 to 4999 kW	89	81,021,489	211,046	89	79,885,218	212,831
4	Unmetered Scattered Load	10	429,307	-	10	422,721	4
5	Sentinel Lighting	57	84,029	238	57	82,740	240
6	Street Lighting	1,211	641,942	1,844	1,211	632,094	1,857
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Total			148,548,851	213,128		146,464,034	214,932
						154,644,367	223,879

Notes:

⁽¹⁾ Input kW or kVA for those customer classes for which billing is based on demand (kW or kVA) versus energy consumption (kWh)



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

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⁾		Costs Allocated from Previous Study ⁽¹⁾	%	Allocated Class Revenue Requirement ⁽¹⁾	%
From Sheet 10. Load Forecast				(7A)	
1 Residential	\$	935,363	58.81%	\$ 1,187,516	60.64%
2 General Service < 50 kW	\$	227,732	14.32%	\$ 293,420	14.98%
3 General Service > 50 to 4999 kW	\$	398,722	25.07%	\$ 443,989	22.67%
4 Unmetered Scattered Load	\$	1,202	0.08%	\$ 3,209	0.16%
5 Sentinel Lighting	\$	1,333	0.08%	\$ 2,306	0.12%
6 Street Lighting	\$	26,213	1.65%	\$ 27,915	1.43%
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
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		Load Forecast (LF) X current approved rates (7B)	LF X current approved rates X (1+d) (7C)	LF X Proposed Rates (7D)	Miscellaneous Revenues (7E)
1	Residential	\$ 947,893	\$ 1,018,238	\$ 1,017,397	\$ 150,470
2	General Service < 50 kW	\$ 223,727	\$ 240,330	\$ 241,185	\$ 49,657
3	General Service > 50 to 4999 kW	\$ 428,586	\$ 460,392	\$ 460,397	\$ 11,341
4	Unmetered Scattered Load	\$ 2,448	\$ 2,630	\$ 2,627	\$ 296
5	Sentinel Lighting	\$ 1,921	\$ 2,063	\$ 2,065	\$ 187
6	Street Lighting	\$ 19,072	\$ 20,487	\$ 20,469	\$ 2,265
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
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

	Name of Customer Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
		Most Recent Year:	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
		2014			
		%	%	%	%
1	Residential	100.00%	98.42%	98.35%	85 - 115
2	General Service < 50 kW	98.00%	98.83%	99.12%	85 - 115
3	General Service > 50 to 4999 kW	100.00%	106.25%	106.25%	80 - 120
4	Unmetered Scattered Load	70.00%	91.19%	91.10%	80 - 120
5	Sentinel Lighting	120.00%	97.58%	97.67%	80 - 120
6	Street Lighting	120.00%	81.50%	81.44%	80 - 120
7					80 - 120
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

(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		Proposed Revenue-to-Cost Ratio			Policy Range
		Test Year	Price Cap IR Period		
		2018	2019	2020	
1	Residential	98.35%	98.35%	98.35%	85 - 115
2	General Service < 50 kW	99.12%	99.12%	99.12%	85 - 115
3	General Service > 50 to 4999 kW	106.25%	106.25%	106.25%	80 - 120
4	Unmetered Scattered Load	91.10%	91.10%	91.10%	80 - 120
5	Sentinel Lighting	97.67%	97.67%	97.67%	80 - 120

6	Street Lighting	81.44%	81.44%	81.44%	80 - 120
7					80 - 120
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

- (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'.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

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 Revenue Requirement ¹	\$ 1,017,397.00
--	-----------------

Residential Base Rates on Current 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
--	---

	Test 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	Revenue @ 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 @ Proposed Rates and Class Specific	(\$1,993)
	-0.20%

Notes:

- ¹ 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).
- ² 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.
- ³ 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)

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and volumetric rates based on the allocated class revenues and fixed/variable split resulting from the cost allocation study and rate design as proposed by the applicant. However, the RRFW does not replace the rate generator model that an applicant distributor may use in support of its application. The RRFW 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.

² The Fixed/Variable split, for each customer class, drives the "rate generator" portion of this sheet of the RRWF. Only the "fixed" fraction 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 calculated as: $\text{[MSC x (average number of customers or connections) x 12 months]} / \text{(Class Allocated Revenue Requirement)}$.

Revenue Requirement Workform (RRWF) for 2017 Filers

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.)

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

Summary of Proposed Changes

Reference ⁽¹⁾	Item / Description ⁽²⁾	Cost of Capital		Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement			
		Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement	Grossed up Revenue Deficiency / Sufficiency
	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
1 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

Appendix 5 2019 PDF of IRM Generator²⁴

HHI regrets that it is unable to print the IRM model to PDF due to formatting issues within the OEB model

²⁴ MFR - Completed Rate Generator Model and supplementary work forms, Excel and PDF

1 **Appendix 5 2019 PDF of GA Workform**

2

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.

Please confirm that the above RRR data is accurate

 Confirmed

Note 3 GA Billing Rate

GA is billed on the

 1st Estimate

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

 Yes

Note 4 Analysis of Expected GA Amount

Year	2018								
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	H	I = F-G+H	J	K = I*J	L	M = I*L	N-K
January	6,507,988			6,507,988	0.08777	\$ 571,206	0.06736	\$ 438,378	\$ (132,828)
February	5,679,650			5,679,650	0.07333	\$ 416,489	0.08167	\$ 463,857	\$ 47,368
March	6,000,411			6,000,411	0.07877	\$ 472,652	0.09481	\$ 568,899	\$ 96,247
April	5,613,490			5,613,490	0.09810	\$ 550,683	0.09959	\$ 559,047	\$ 8,364
May	5,703,701			5,703,701	0.09392	\$ 535,692	0.10793	\$ 615,600	\$ 79,909
June	5,730,781			5,730,781	0.13336	\$ 764,257	0.11896	\$ 681,734	\$ (82,523)
July	6,018,252			6,018,252	0.08502	\$ 511,672	0.07737	\$ 465,632	\$ (46,040)
August	5,960,772			5,960,772	0.07790	\$ 464,344	0.07490	\$ 446,462	\$ (17,882)
September	5,429,679			5,429,679	0.08424	\$ 457,396	0.08584	\$ 466,084	\$ 8,687
October	5,472,836			5,472,836	0.08921	\$ 488,232	0.12059	\$ 659,969	\$ 171,738
November	5,799,266			5,799,266	0.12235	\$ 709,540	0.09855	\$ 571,518	\$ (138,023)
December	5,782,221			5,782,221	0.09198	\$ 531,849	0.07404	\$ 428,116	\$ (103,733)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	69,699,047	-	-	69,699,047		\$ 6,474,012		\$ 6,365,296	\$ (108,716)

Calculated Loss Factor

1.0781

Note 5 Reconciling Items

	Item	Amount	Explanation	Principal Adjustments	
				Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ (104,114)			\$ Principal Adjustment on DVA Continuity Schedule
1a	True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ -			
1b	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	\$ -			
6	Differences in GA IESO posted rate and rate charged on IESO invoice	\$ -			
7	Differences in actual system losses and billed TLFs	\$ -			
8	Others as justified by distributor	\$ -			
9					
10					
			Total Principal Adjustments on DVA Continuity Schedule	\$	-

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ (104,114)
	Net Change in Expected GA Balance in the Year Per Analysis	\$ (108,716)
	Unresolved Difference	\$ 4,602
	Unresolved Difference as % of Expected GA Payments to IESO	0.1%