

HYDRO HAWKESBURY INC.  
2017 IRM APPLICATION  
EB-2016-0079

Submitted on: August 15, 2016

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



August 15, 2016  
Ontario Energy Board P.O.  
Box 2319 27th Floor  
2300 Yonge Street Toronto,  
Ontario M4P 1E4

**Attention: Ms. Kirsten Walli, Board Secretary**  
**Regarding: EB-2012-0082 2017 IRM Rate Application**

Dear Ms. Walli:

On July 14, 2016, the Ontario Energy Board ("OEB" or the "Board") issued its Filing Requirements for Electricity Distribution Rate Applications for 2017 Rate Applications, Chapter 3 for Incentive Rate-Setting Applications.

Accordingly, Hydro Hawkesbury Inc. (the "Applicant" or "HHI") submits its 2017 Distribution Rate Application for rates effective January 1, 2017. All procedures and filing requirements as outline in the Board's IRM Report and subsequent filing guidelines were followed in the preparation of this submission and in the development of the adjusted rates, utilizing the Boards models as required.

HHI's application, which has been electronically filed through the Board's web portal, consists of two (2) hard copies, which includes the covering letter, Manager's Summary, completed copies of the 2017 IRM Rate Generator and HHI's current and proposed Tariff Sheets.

The estimated bill impact for residential customers consuming 750 kWh per month would result in a reduction in the total bill of 0.11% or -\$0.14. A General Service<50 kW, 2000 kWh per month customer would experience a decrease of 0.05% or -\$0.18.

HHI is requesting the adjusted rates be approved for implementation on January 1, 2017.

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

Yours truly,

A handwritten signature in black ink, appearing to read 'Michel Poulin', with a long horizontal flourish extending to the right.

Michel Poulin

General Manager  
Hydro Hawkesbury Inc.  
850 Tupper St.  
Hawkesbury, ON  
K6A 3S7  
Tel: 613-632-6689

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**IN THE MATTER OF** the Ontario Energy Board Act, 1998, S.O.  
1998, c.15, (Schedule B); **AND IN THE MATTER OF** an  
Application by Hawkesbury Hydro 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, 2017.

## MANAGER'S SUMMARY

### 1. INTRODUCTION

Hydro Hawkesbury Inc. hereby applies to the Ontario Energy Board (the "Board") for approval of its 2017 Distribution Rate Adjustments effective January 1, 2017. 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.

Hydro Hawkesbury has followed Chapter 3 of the Board's Filing Requirements for Transmission and Distribution Applications dated July 14, 2016 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, 2017, 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 2017 distribution rates. If the effective date does not coincide with the Board's decided implementation date for 2017 distribution rates and charges, Hydro Hawkesbury requests to be permitted to recover the incremental revenue from the effective date to the implementation date.

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

6 In the preparation of this application, Hydro Hawkesbury used the 2017 IRM Rate  
7 Generator issued on July 14, 2016. The rate and other adjustments being applied for and  
8 as calculated through the use of the above models include a Price Cap Incentive Rate-  
9 Setting (“Price Cap IR”) option to adjust its 2017 rates. (The Price Cap IR methodology  
10 provides for a mechanistic and formulaic adjustment to distribution rates and charges in  
11 the period between Cost of Service applications). The model also adjusts Retail  
12 Transmission Service Rates in accordance with Board Guideline G-2008-0001 -  
13 Electricity Distribution Retail Transmission Service Rates revised on June 28, 2012.

14 Hydro Hawkesbury also applies for the following matter;

- 15 • Continuance of the Specific Services charges and Loss Factors.
- 16 • Continuance of the MicroFit monthly charge.
- 17 • Continuance of the Smart Meter Entity charge.
- 18 • In compliance of the OEB’s new rate design policy for residential customers,  
19 Hydro Hawkesbury requests approval of a revised Minimum Fixed Charge of  
20 \$11.90 up from previously Board Approved \$9.60 and Volumetric Charge of  
21 \$0.0051 down from previously Board Approved \$0.0076.

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

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

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

## 2. DISTRIBUTOR'S PROFILE

Hydro Hawkesbury is licensed by the Ontario Energy Board to distribute electricity to the inhabitants of the Town of Hawkesbury. Hydro Hawkesbury is incorporated under the Business Corporation Act on October 25th 2000. The sole Shareholder of Hydro Hawkesbury is the Town of Hawkesbury. The population of the Municipality of Hawkesbury is approximately 10,500. The distribution service area within the Town of Hawkesbury is bounded by the township of Champlain, East Hawkesbury, and the province of Quebec. The total service area covered by Hydro Hawkesbury is approximately 8.6 SQ.KM of urban area.

Hydro Hawkesbury's customers total approximately 5,500 and is comprised of over 85% residential customers while 12% are small business or industrial based. The balance of the utility's customer base is comprised of Sentinel Lighting, Street Lights and Unmetered Scattered Load.

Hydro Hawkesbury relies on approximately 66 km of circuits deliver approximately 185M kWh of energy and 300,000 kW of power to approximately 5,500 customers. The circuits can be broken down into roughly 57 km of overhead lines and 9 km of underground conductor. The distribution system is comprised of 43 km of 3-phases circuits and 23 km of single phase circuits.

Hydro Hawkesbury's last Cost of Service application was for rates effective January 1, 2014.



1        3. PUBLICATION NOTICE  
2

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

6                                Le Carillon, 1100 Aberdeen, Hawkesbury, ON  
7    And/or  
8                                Le Régional, 124 Main St. East, Hawkesbury, ON  
9  
10

11  
12        The primary contact for the herein application is;

13  
14        Michel Poulin  
15        General Manager  
16        Hydro Hawkesbury Inc.  
17        850 Tupper St.  
18        Hawkesbury, ON  
19        K6A 3S7  
20        Tel: 613-632-6689  
21

22        The alternate contact for the application is;

23  
24        Manuela Ris-Schofield  
25        Tandem Energy Services Inc.  
26        Tel: 519-856-0080  
27        Mobile: 416-562-9295

#### 4. PRICE CAP ADJUSTMENT (Ch3 3.2.1)

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 should have used the assigned Stretch Factor Group I of 2.10% to calculate its Price Cap. However, in accordance with Section 3.3.5 of the filing requirements, which state that a *distributor whose earnings are in excess of the dead band is expected to refrain from seeking an adjustment to its base rates through a Price Cap IR or Annual IR Index plan*, HHI has used a Price Escalator of 0.00%.

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	2.10%
Revised Price Escalator	0.00%
Stretch Factor Value	0.00%
Productivity Factor	0.00%
Price Cap Index	0.00%

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

- 1
  - Standard Supply Service – Administrative Charge
- 2
  - MicroFIT Service Charge
- 3
  - Specific Service Charges
- 4

## 5. REVENUE TO COST RATIO ADJUSTMENTS (Ch3 3.2.2)

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 2014 Cost of Service Application.

## 6. RATE DESIGN FOR RESIDENTIAL ELECTRICITY (Ch3 3.2.3)

In accordance with the Rate Design for Residential Electricity policy issued on April 2, 2015, Hydro Hawkesbury followed the approach set out in sheet 16 of the rate generator model to implement the second of four yearly adjustment to its Monthly Fixed Charge. Worksheet 16 of the model, which is reproduced below, shows an incremental fixed charge of 2.30 which falls below the \$4.00 threshold. Table 2b) shows the existing rates compared to the proposed rates. The bill impacts are discussed further at Section 15 of this application.

Table 2a) – Rae Design Transition

		Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates <sup>1</sup>	Revenue at New F/V Split
<b><u>Rate Design Transition</u></b>								
Current Residential Fixed Rate (inclusive of R/C adj.)	9.6000	570,240	58.1%	14.0%	2.30	72.1%	11.90	706,860
Current Residential Variable Rate (inclusive of R/C adj.)	0.0076	410,469	41.9%			27.9%	0.0051	275,446
		980,709						982,306

Table 2b) – Current vs Proposed Distribution Rates

Rate Class	Current MFC	Current Volumetric Charge	2014 Board Approved Fixed Ratio	2014 Board Approved Var Ratio	Proposed MFC	Proposed Volumetric Charge
Residential	9.60	0.0076	44.83%	55.17%	11.90	0.0051
GS<50 kW	15.47	0.0061	49.81%	50.19%	15.47	0.0061
GS>50 kW	100.99	2.047	28.71%	71.29%	103.11	2.0470
USL	6.63	0.0039	31.90%	68.10%	6.63	0.0039
Sentinel	1.66	3.294	30.24%	69.76%	1.66	3.2940
Street Lighting	0.55	5.9651	29.40%	70.60%	0.55	5.9651

## 7. RTSR ADJUSTMENTS (Ch3 3.2.4)

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 approved in 2016 IRM application.

The Loss Factor applied to the metered kWh is the actual Board-approved 2014 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 2017 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	0.0071	0.0072
GS<50 kW	\$/kWh	0.0065	0.0066
GS>50 kW	\$/kWh	2.6481	2.6887
USL	\$/kW	0.0065	0.0066
Sentinel	\$/kWh	1.9979	2.0285
Street Lighting	\$/kW	1.9973	2.0279

Retail Transmission Rate - Line and Transformation Connection Service Rate			
Rate Description	Unit	Current RTSR- Connection	Proposed RTSR- Connection
Residential	\$/kWh	0.0034	0.0036
GS<50 kW	\$/kWh	0.0030	0.0032
GS>50 kW	\$/kWh	1.2331	1.3018
USL	\$/kW	0.0030	0.0032
Sentinel	\$/kWh	1.9464	2.0549
Street Lighting	\$/kW	0.9532	1.0063

## 8. DEFERRAL AND VARIANCE ACCOUNTS (Ch3 3.2.5)

Hydro Hawkesbury has completed the Board Staff's 2017 IRM Rate Generator – Tab 3 2015 Continuity Schedule and the threshold test shows a claim per kWh of \$0.0004. 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 \$0.001 per kWh (debit or credit) is exceeded. Since the claim does not exceed this threshold test amount, Hydro Hawkesbury is therefore not seeking disposal of its deferral and variance account in this proceeding. The Hydro Hawkesbury Group 1 total claim balance is \$53,639 and is comprised of the following account balances. Details of these balances can be found in the 2017 IRM Model.

Table 4: Deferral and Variance Account balances

Group 1 Accounts		
LV Variance Account	1550	\$62,823
Smart Meter Entity Charge Variance	1551	\$(760)
RSVA - Wholesale Market Service Charge Class B	1580	\$(207,665)
RSVA - Retail Transmission Network Charge	1584	\$32,809
RSVA - Retail Transmission Connection Charge	1586	\$53,466
RSVA - Power (excluding Global Adjustment)	1588	\$(142,089)
RSVA - Power - Sub-account - Global Adjustment	1589	\$166,151
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	\$42,766
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	\$(19,802)
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	\$65,370
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$53,069

## 9. SPECIFIC SERVICE CHARGE AND LOSS FACTORS

Hydro Hawkesbury is applying to continue the current Specific Service Charges, and Loss Factors as approved by the Board (EB-2013-0139).

## 10. GLOBAL ADJUSTMENT PROCESS (3.2.5.2)

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

*HHI does not have any Class A customers. For its Class B customers, HHI reviews the general service accounts not eligible on a bi-monthly basis to determine which customers are eligible for the RPP. Any billing adjustments are done as part of the next billing period.*

*HHI uses Global adjustment 2nd estimate rate posted on the IESO website for the settlement month. The variance recorded and reflected in RSVA GA 1589 on a quarterly basis however HHI tracks the variances in a spreadsheet on a monthly basis. When completing RPP vs. market price claim submitted via the IESO Portal, HHI uses a bottom up approach. The utility pulls out the RPP revenues for the month, divide that amount by the fixed OEB power rate to determine the kWh. With the total amount of kWh's sold obtained, HHI then multiplies the amount with the estimated power rate and that results in the amount of dollars claimed/paid from/to IESO. HHI trues-up on a monthly basis upon receipt of the power bills from IESO and Hydro One. The difference between estimates and actuals, whether a payment or a claim is settled in the following month.*

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



1     11. DISPOSITION OF LRAM (Ch3 3.2.6)  
2

3     Hydro Hawkesbury has populated the newly released LRAMVA Workform and found the  
4     balance not to be significant enough to include in its claim. The utility therefore proposes  
5     to dispose of its balances in account 1568 in its 2018 Cost of Service application which  
6     will be filed in April of 2017.

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

11    The utility has filed the LRAMVA model in conjunction with this application.

12    12. TAX CHANGE (Ch3 3.2.7)  
13

14    Hydro Hawkesbury has completed worksheets 8 of the IRM model which resulted in a tax  
15    change of \$238 from the tax rates embedded in its OEB 2014 Board Approved base rate.  
16    Since the amount is marginal, HHI proposes to transfer the entire 50/50 sharing amount  
17    to Account 1595 for disposition at a future date.

1     13. ICM / Z-FACTOR (Ch3 3.2.8)  
2

3     Hydro Hawkesbury is not applying for recovery of Incremental Capital or Z-Factor in this  
4     proceeding.

5     14. CURRENT TARIFF SHEETS  
6

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

8     15. PROPOSED TARIFF SHEETS  
9

10    The proposed tariff sheets generated by the 2017 IRM Rate Generator are provided in  
11    the Appendix 2.

12    16. BILL IMPACTS  
13

14    Table 5 below shows the bill impacts. The bill impacts are calculated based on the dollar  
15    change in Sub-Total C – Delivery divided by total bill before tax and before OCEB at  
16    current rates. The 10% percentile was calculated in the following manner

- 17       1)     The utility produced a report for 2015 which included Residential Customer  
18             Number and their Monthly Consumptions.
- 19       2)     The report was then sorted by lowest to highest consumption.
- 20       3)     Less than 50kWh monthly consumption was removed from the file.
- 21       4)     The utility then calculate the 10th percentile by taking 10% of the customer  
22             count (or number of records in the report) , (e.g. 5091 customer = 509)
- 23       5)     The utility then found the record at line 487 and this customer's consumption  
24             of 339 kWh/month became the "ceiling" for the lowest 10th percentile.
- 25       6)     The file used to calculate the 10th percentile is attached for your review.

- 1 The total residential bill impact for the 10<sup>th</sup> percentile level of 339 kWh is 1.30%. The
- 2 residential bill impact for the standard 750kWh is -0.11%. Detailed bill impacts for each
- 3 rate class are provided in the Appendix 3
- 4 With the exception of the GS<50 which uses the typical 2000 kWh/month, the other
- 5 classes were calculated using a rounded monthly average consumption.

6

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**Table 5 – Summary of Bill Impacts**

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		A + B + C	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$1.45	11.9%	\$0.66	4.3%	\$0.77	4.1%	\$0.87	1.3%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$0.00	0.0%	-\$0.79	-1.9%	-\$0.16	-0.3%	-\$0.18	-0.1%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$0.00	0.0%	\$0.00	0.0%	\$26.23	1.7%	\$29.64	0.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$0.00	0.0%	\$0.00	0.0%	\$1.45	1.5%	\$1.64	0.2%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$0.00	0.0%	\$0.00	0.0%	\$0.14	1.7%	\$0.16	0.6%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$0.00	0.0%	\$0.00	0.0%	\$26.20	0.9%	\$29.60	0.5%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$0.43	2.8%	-\$0.36	-1.7%	-\$0.13	-0.4%	-\$0.14	-0.1%

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## INDEX TO APPENDICES

The following are appended to and form part of this Application;

Appendix 1: Current Tariff Sheet

Appendix 2: Proposed Tariff Sheet

Appendix 3: Bill Impacts

Appendix 4: 2014 RRWF

## Appendix 1: Current Tariff Sheet

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2015-0077

## 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. 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	\$	9.60
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0076
Low Voltage Service Rate	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

## MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2015-0077

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

### APPLICATION

The application of the charges are in accordance with the Distribution System Code (Section 9) and subsection 79.2(4) of the Ontario Energy Board Act, 1998.

The application of these 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.

In this class:

"Aboriginal person" includes a person who is a First Nations person, a Métis person or an Inuit person;

"account-holder" means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

"electricity-intensive medical device" means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

"household" means the account-holder and any other people living at the accountholder's service address for at least six months in a year, including people other than the account-holder's spouse, children or other relatives;

"household income" means the combined annual after-tax income of all members of a household aged 16 or over;

### MONTHLY RATES AND CHARGES

#### Class A

- (a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and
- (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons; but does not include account-holders in Class E.

OESP Credit	\$	(30.00)
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#### Class B

- (a) account-holders with a household income of \$28,000 or less living in a household of three persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons; but does not include account-holders in Class F.

OESP Credit	\$	(34.00)
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#### Class C

- (a) account-holders with a household income of \$28,000 or less living in a household of four persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons; but does not include account-holders in Class G.

OESP Credit	\$	(38.00)
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#### Class D

- (a) account-holders with a household income of \$28,000 or less living in a household of five persons; and
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons; but does not include account-holders in Class H.

OESP Credit	\$	(42.00)
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**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2015-0077

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

### Class E

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (45.00)

### Class F

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or
- (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:

- i. the dwelling to which the account relates is heated primarily by electricity;
- ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or
- iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates

OESP Credit \$ (50.00)

### Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (55.00)

### Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person ; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

### Class I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2015-0077

## **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. 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	\$	15.47
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0061
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0030

### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
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EB-2015-0077

## **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. 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	\$	100.99
Distribution Volumetric Rate	\$/kW	2.0470
Low Voltage Service Rate	\$/kW	0.2419
Retail Transmission Rate - Network Service Rate	\$/kW	2.6481
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2331

### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
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## **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. 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 customer)	\$	6.63
Distribution Volumetric Rate	\$/kWh	0.0039
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0030

### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
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EB-2015-0077

## **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. 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)	\$	1.66
Distribution Volumetric Rate	\$/kW	3.2940
Low Voltage Service Rate	\$/kW	0.3818
Retail Transmission Rate - Network Service Rate	\$/kW	1.9979
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9464

### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
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EB-2015-0077

## **STREET LIGHTING SERVICE CLASSIFICATION**

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. Consumption is as per OEB street lighting load shape. 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)	\$/kW	0.55
Distribution Volumetric Rate	\$/kW	5.9651
Low Voltage Service Rate	\$/kW	0.1870
Retail Transmission Rate - Network Service Rate	\$/kW	1.9973
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9532

### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
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EB-2015-0077

## **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	\$	5.40
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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)

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
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EB-2015-0077

## **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	\$	22.35



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**TARIFF OF RATES AND CHARGES**  
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EB-2015-0077

## 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	\$	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	1.0541
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0436

**Schedule B**

**To Decision and Rate Order**

**List of Rates and Charges Not Affected by the Price Cap or Annual IR Index**

**OEB File No: EB-2015-0077**

**DATED: December 10, 2015**

## Appendix 2: Proposed Tariff Sheet

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**  
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EB-2016-0079

## **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. 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	\$	11.90
Distribution Volumetric Rate	\$/kWh	0.0051
Low Voltage Service Rate	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036

### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Hydro Hawkesbury Inc.**  
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EB-2016-0079

**ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS**

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

**APPLICATION**

The application of the charges are in accordance with the Distribution System Code (Section 9) and subsection 79.2(4) of the Ontario Energy Board Act, 1998.

The application of these 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.

In this class:

“Aboriginal person” includes a person who is a First Nations person, a Métis person or an Inuit person;

“account-holder” means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

“electricity-intensive medical device” means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

“household” means the account-holder and any other people living at the accountholder’s service address for at least six months in a year, including people other than the account-holder’s spouse, children or other relatives;

“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

**MONTHLY RATES AND CHARGES**

**Class A**

- (a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;
  - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;
  - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and
  - (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;
- but does not include account-holders in Class E.

OESP Credit	\$	(30.00)
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**Class B**

- (a) account-holders with a household income of \$28,000 or less living in a household of three persons;
  - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;
  - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;
- but does not include account-holders in Class F.

OESP Credit	\$	(34.00)
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**Class C**

- (a) account-holders with a household income of \$28,000 or less living in a household of four persons;
  - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;
  - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;
- but does not include account-holders in Class G.

OESP Credit	\$	(38.00)
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**Class D**

- (a) account-holders with a household income of \$28,000 or less living in a household of five persons; and
  - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;
- but does not include account-holders in Class H.

OESP Credit	\$	(42.00)
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**Class E**

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
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**EB-2016-0079**

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (45.00)

**Class F**

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or
- (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:

- i. the dwelling to which the account relates is heated primarily by electricity;
- ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or
- iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates

OESP Credit \$ (50.00)

**Class G**

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (55.00)

**Class H**

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person ; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

**Class I**

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2016-0079

**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. 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	\$	15.47
Distribution Volumetric Rate	\$/kWh	0.0061
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Hydro Hawkesbury Inc.**  
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EB-2016-0079

**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. 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	\$	100.99
Distribution Volumetric Rate	\$/kW	2.0470
Low Voltage Service Rate	\$/kW	0.2419
Retail Transmission Rate - Network Service Rate	\$/kW	2.6887
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3018

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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EB-2016-0079

**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. 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 customer)	\$	6.63
Distribution Volumetric Rate	\$/kWh	0.0039
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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EB-2016-0079

## **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. 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)	\$	1.66
Distribution Volumetric Rate	\$/kW	3.2940
Low Voltage Service Rate	\$/kW	0.3818
Retail Transmission Rate - Network Service Rate	\$/kW	2.0285
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0549

### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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**STREET LIGHTING SERVICE CLASSIFICATION**

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. Consumption is as per OEB street lighting load shape. 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 connection)	\$/kW	0.55
Distribution Volumetric Rate	\$/kW	5.9651
Low Voltage Service Rate	\$/kW	0.1870
Retail Transmission Rate - Network Service Rate	\$/kW	2.0279
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0063

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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**microFIT SERVICE CLASSIFICATION**

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

**APPLICATION**

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	5.40
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**ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.6000)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	\$	(1.00)

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## **SPECIFIC SERVICE CHARGES**

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

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### **Customer Administration**

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	\$	22.35

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**RETAIL SERVICE CHARGES (if applicable)**

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

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

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

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**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

1.0541

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

1.0436



## Appendix 3: Bill Impacts



# Incentive Regulation Model for 2017 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 page 9 of the Filing Requirements For Electricity Distribution Rate Applications issued July 14, 2016.

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:

- For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2016 of \$0.113/kWh (IESO's Monthly Market Report for May 2016, 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.
- Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.
- Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.054	1.054	339		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	RPP	1.054	1.054	2,000		N/A	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Retailer)	1.054	1.054	24,000	240	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.054	1.054	4,600		N/A	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Retailer)	1.054	1.054	123	1	DEMAND	
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Retailer)	1.054	1.054	17,000	313	DEMAND	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.054	1.054	750		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
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Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		A + B + C	
		\$	%	\$	%	\$	%	\$	%
1 RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 1.45	11.9%	\$ 0.66	4.3%	\$ 0.77	4.1%	\$ 0.87	1.3%
2 GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$ -	0.0%	\$ (0.79)	-1.9%	\$ (0.16)	-0.3%	\$ (0.18)	-0.1%
3 GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$ -	0.0%	\$ -	0.0%	\$ 26.23	1.7%	\$ 29.64	0.6%
4 UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ -	0.0%	\$ -	0.0%	\$ 1.45	1.5%	\$ 1.64	0.2%
5 SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$ -	0.0%	\$ -	0.0%	\$ 0.14	1.7%	\$ 0.16	0.6%
6 STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$ -	0.0%	\$ -	0.0%	\$ 26.20	0.9%	\$ 29.60	0.5%
7 RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.43	2.8%	\$ (0.36)	-1.7%	\$ (0.13)	-0.4%	\$ (0.14)	-0.1%
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20				9					

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Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	339	kWh	
Demand	-	kW	
Current Loss Factor	1.0540		
Proposed/Approved Loss Factor	1.0540		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 9.60	1	\$ 9.60	\$ 11.90	1	\$ 11.90	\$ 2.30	23.96%
Distribution Volumetric Rate	\$ 0.0076	339	\$ 2.58	\$ 0.0051	339	\$ 1.73	\$ (0.85)	-32.89%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	339	\$ -	\$ -	339	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 12.18			\$ 13.63	\$ 1.45	11.93%
Line Losses on Cost of Power	\$ 0.1114	18	\$ 2.04	\$ 0.1114	18	\$ 2.04	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	339	\$ -	\$ -	339	\$ -	\$ -	
GA Rate Riders					339	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0007	339	\$ 0.24	\$ 0.0007	339	\$ 0.24	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ -	1	\$ -	\$ (0.79)	-100.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 15.24			\$ 15.91	\$ 0.66	4.35%
RTSR - Network	\$ 0.0071	357	\$ 2.54	\$ 0.0072	357	\$ 2.57	\$ 0.04	1.41%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0034	357	\$ 1.21	\$ 0.0036	357	\$ 1.29	\$ 0.07	5.88%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 18.99			\$ 19.76	\$ 0.77	4.05%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	357	\$ 1.29	\$ 0.0036	357	\$ 1.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	357	\$ 0.46	\$ 0.0013	357	\$ 0.46	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	357	\$ 0.39	\$ 0.0011	357	\$ 0.39	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	220	\$ 19.17	\$ 0.0870	220	\$ 19.17	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	58	\$ 7.61	\$ 0.1320	58	\$ 7.61	\$ -	0.00%
TOU - On Peak	\$ 0.1800	61	\$ 10.98	\$ 0.1800	61	\$ 10.98	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 59.15			\$ 59.92	\$ 0.77	1.30%
HST		13%	\$ 7.69		13%	\$ 7.79	\$ 0.10	1.30%
<b>Total Bill on TOU</b>			\$ 66.84			\$ 67.71	\$ 0.87	1.30%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0540		
Proposed/Approved Loss Factor	1.0540		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 15.47	1	\$ 15.47	\$ 15.47	1	\$ 15.47	\$ -	0.00%
Distribution Volumetric Rate	\$ 0.0061	2000	\$ 12.20	\$ 0.0061	2000	\$ 12.20	\$ -	0.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	-
<b>Sub-Total A (excluding pass through)</b>			\$ 27.67			\$ 27.67	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.1114	108	\$ 12.03	\$ 0.1114	108	\$ 12.03	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
GA Rate Riders					2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0006	2,000	\$ 1.20	\$ 0.0006	2,000	\$ 1.20	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ -	1	\$ -	\$ (0.79)	-100.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 41.69			\$ 40.90	\$ (0.79)	-1.89%
RTSR - Network	\$ 0.0065	2,108	\$ 13.70	\$ 0.0066	2,108	\$ 13.91	\$ 0.21	1.54%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0030	2,108	\$ 6.32	\$ 0.0032	2,108	\$ 6.75	\$ 0.42	6.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 61.72			\$ 61.56	\$ (0.16)	-0.26%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,108	\$ 7.59	\$ 0.0036	2,108	\$ 7.59	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,108	\$ 2.74	\$ 0.0013	2,108	\$ 2.74	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	2,108	\$ 2.32	\$ 0.0011	2,108	\$ 2.32	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	1,300	\$ 113.10	\$ 0.0870	1,300	\$ 113.10	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	340	\$ 44.88	\$ 0.1320	340	\$ 44.88	\$ -	0.00%
TOU - On Peak	\$ 0.1800	360	\$ 64.80	\$ 0.1800	360	\$ 64.80	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 311.39			\$ 311.24	\$ (0.16)	-0.05%
HST		13%	\$ 40.48		13%	\$ 40.46	\$ (0.02)	-0.05%
<b>Total Bill on TOU</b>			\$ 351.88			\$ 351.70	\$ (0.18)	-0.05%

Customer Class:	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	24,000	kWh
Demand	240	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 100.99	1	\$ 100.99	\$ 100.99	1	\$ 100.99	\$ -	0.00%
Distribution Volumetric Rate	\$ 2.0470	240	\$ 491.28	\$ 2.0470	240	\$ 491.28	\$ -	0.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	240	\$ -	\$ -	240	\$ -	\$ -	-
<b>Sub-Total A (excluding pass through)</b>			\$ 592.27			\$ 592.27	\$ -	0.00%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ -	240	\$ -	\$ -	240	\$ -	\$ -	-
GA Rate Riders				\$ -	24,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.2419	240	\$ 58.06	\$ 0.2419	240	\$ 58.06	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 650.33			\$ 650.33	\$ -	0.00%
RTSR - Network	\$ 2.6481	240	\$ 635.54	\$ 2.6887	240	\$ 645.29	\$ 9.74	1.53%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.2331	240	\$ 295.94	\$ 1.3018	240	\$ 312.43	\$ 16.49	5.57%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 1,581.81			\$ 1,608.05	\$ 26.23	1.66%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	25,296	\$ 91.07	\$ 0.0036	25,296	\$ 91.07	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	25,296	\$ 32.88	\$ 0.0013	25,296	\$ 32.88	\$ -	0.00%
Standard Supply Service Charge								-
Debt Retirement Charge (DRC)	\$ 0.0070	24,000	\$ 168.00	\$ 0.0070	24,000	\$ 168.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	25,296	\$ 27.83	\$ 0.0011	25,296	\$ 27.83	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	25,296	\$ 2,858.45	\$ 0.1130	25,296	\$ 2,858.45	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 4,760.04			\$ 4,786.27	\$ 26.23	0.55%
HST	13%		\$ 618.80	13%		\$ 622.22	\$ 3.41	0.55%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 5,378.84			\$ 5,408.49	\$ 29.64	0.55%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	4,600	kWh
Demand	-	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 6.63		\$ -	\$ 6.63	0	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0039	4600	\$ 17.94	\$ 0.0039	4600	\$ 17.94	\$ -	0.00%
Fixed Rate Riders	\$ -		\$ -	\$ -	0	\$ -	\$ -	
Volumetric Rate Riders	\$ -	4600	\$ -	\$ -	4600	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 17.94			\$ 17.94	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.1130	248	\$ 28.07	\$ 0.1130	248	\$ 28.07	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	4,600	\$ -	\$ -	4,600	\$ -	\$ -	
GA Rate Riders				\$ -	4,600	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0006	4,600	\$ 2.76	\$ 0.0006	4,600	\$ 2.76	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 48.77			\$ 48.77	\$ -	0.00%
RTSR - Network	\$ 0.0065	4,848	\$ 31.51	\$ 0.0066	4,848	\$ 32.00	\$ 0.48	1.54%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0030	4,848	\$ 14.55	\$ 0.0032	4,848	\$ 15.51	\$ 0.97	6.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 94.83			\$ 96.28	\$ 1.45	1.53%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	4,848	\$ 17.45	\$ 0.0036	4,848	\$ 17.45	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	4,848	\$ 6.30	\$ 0.0013	4,848	\$ 6.30	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	4,600	\$ 32.20	\$ 0.0070	4,600	\$ 32.20	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	4,848	\$ 5.33	\$ 0.0011	4,848	\$ 5.33	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	4,600	\$ 519.80	\$ 0.1130	4,600	\$ 519.80	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 675.92			\$ 677.37	\$ 1.45	0.22%
HST	13%		\$ 87.87	13%		\$ 88.06	\$ 0.19	0.22%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 763.79			\$ 765.43	\$ 1.64	0.22%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	123	kWh
Demand	1	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.66		\$ -	\$ 1.66	0	\$ -	\$ -	
Distribution Volumetric Rate	\$ 3.2940	1	\$ 3.29	\$ 3.2940	1	\$ 3.29	\$ -	0.00%
Fixed Rate Riders	\$ -		\$ -	\$ -	0	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 3.29			\$ 3.29	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.1130	7	\$ 0.75	\$ 0.1130	7	\$ 0.75	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
GA Rate Riders					123	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.3818	1	\$ 0.38	\$ 0.3818	1	\$ 0.38	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 4.43			\$ 4.43	\$ -	0.00%
RTSR - Network	\$ 1.9979	1	\$ 2.00	\$ 2.0285	1	\$ 2.03	\$ 0.03	1.53%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9464	1	\$ 1.95	\$ 2.0549	1	\$ 2.05	\$ 0.11	5.57%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 8.37			\$ 8.51	\$ 0.14	1.66%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	130	\$ 0.47	\$ 0.0036	130	\$ 0.47	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	130	\$ 0.17	\$ 0.0013	130	\$ 0.17	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	123	\$ 0.86	\$ 0.0070	123	\$ 0.86	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	130	\$ 0.14	\$ 0.0011	130	\$ 0.14	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	123	\$ 13.90	\$ 0.1130	123	\$ 13.90	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 23.91			\$ 24.05	\$ 0.14	0.58%
HST	13%		\$ 3.11	13%		\$ 3.13	\$ 0.02	0.58%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 27.02			\$ 27.17	\$ 0.16	0.58%



Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	17,000	kWh
Demand	313	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 0.55		\$ -	\$ 0.55	0	\$ -	\$ -	
Distribution Volumetric Rate	\$ 5.9651	313	\$ 1,867.08	\$ 5.9651	313	\$ 1,867.08	\$ -	0.00%
Fixed Rate Riders	\$ -		\$ -	\$ -	0	\$ -	\$ -	
Volumetric Rate Riders	\$ -	313	\$ -	\$ -	313	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 1,867.08			\$ 1,867.08	\$ -	0.00%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	313	\$ -	\$ -	313	\$ -	\$ -	
GA Rate Riders				\$ -	17,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.1870	313	\$ 58.53	\$ 0.1870	313	\$ 58.53	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 1,925.61			\$ 1,925.61	\$ -	0.00%
RTSR - Network	\$ 1.9973	313	\$ 625.15	\$ 2.0279	313	\$ 634.73	\$ 9.58	1.53%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.9532	313	\$ 298.35	\$ 1.0063	313	\$ 314.97	\$ 16.62	5.57%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 2,849.11			\$ 2,875.31	\$ 26.20	0.92%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	17,918	\$ 64.50	\$ 0.0036	17,918	\$ 64.50	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	17,918	\$ 23.29	\$ 0.0013	17,918	\$ 23.29	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	17,000	\$ 119.00	\$ 0.0070	17,000	\$ 119.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	17,918	\$ 19.71	\$ 0.0011	17,918	\$ 19.71	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	17,918	\$ 2,024.73	\$ 0.1130	17,918	\$ 2,024.73	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 5,100.36			\$ 5,126.55	\$ 26.20	0.51%
HST	13%		\$ 663.05	13%		\$ 666.45	\$ 3.41	0.51%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 5,763.40			\$ 5,793.01	\$ 29.60	0.51%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0540		
Proposed/Approved Loss Factor	1.0540		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 9.60	1	\$ 9.60	\$ 11.90	1	\$ 11.90	\$ 2.30	23.96%
Distribution Volumetric Rate	\$ 0.0076	750	\$ 5.70	\$ 0.0051	750	\$ 3.83	\$ (1.88)	-32.89%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 15.30			\$ 15.73	\$ 0.43	2.78%
Line Losses on Cost of Power	\$ 0.1114	41	\$ 4.51	\$ 0.1114	41	\$ 4.51	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders					750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0007	750	\$ 0.53	\$ 0.0007	750	\$ 0.53	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ -	1	\$ -	\$ (0.79)	-100.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 21.13			\$ 20.76	\$ (0.36)	-1.73%
RTSR - Network	\$ 0.0071	791	\$ 5.61	\$ 0.0072	791	\$ 5.69	\$ 0.08	1.41%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0034	791	\$ 2.69	\$ 0.0036	791	\$ 2.85	\$ 0.16	5.88%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 29.43			\$ 29.30	\$ (0.13)	-0.43%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	791	\$ 2.85	\$ 0.0036	791	\$ 2.85	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	791	\$ 1.03	\$ 0.0013	791	\$ 1.03	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	791	\$ 0.87	\$ 0.0011	791	\$ 0.87	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	488	\$ 42.41	\$ 0.0870	488	\$ 42.41	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	128	\$ 16.83	\$ 0.1320	128	\$ 16.83	\$ -	0.00%
TOU - On Peak	\$ 0.1800	135	\$ 24.30	\$ 0.1800	135	\$ 24.30	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 117.96			\$ 117.83	\$ (0.13)	-0.11%
HST	13%		\$ 15.34	13%		\$ 15.32	\$ (0.02)	-0.11%
<b>Total Bill on TOU</b>			\$ 133.30			\$ 133.15	\$ (0.14)	-0.11%

## Appendix 4 - 2014 RRWF



Version 3.00

Utility Name	Hydro Hawkesbury Inc.
Service Territory	
Assigned EB Number	EB-2013-0139
Name and Title	Michel Poulin
Phone Number	613-632-6689
Email Address	<a href="mailto:MichelPoulin@HydroHawkesbury.ca">MichelPoulin@HydroHawkesbury.ca</a>

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



# Revenue Requirement Workform

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## 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***



# Revenue Requirement Workform

## Data Input <sup>(1)</sup>

	Initial Application	(2)	Adjustments	Interrogatory Responses	(6)	Adjustments	Per Board Decision
<b>1</b>	<b>Rate Base</b>						
Gross Fixed Assets (average)	\$7,102,782		(\$29,873)	\$ 7,072,909		(\$724,396)	\$6,348,513
Accumulated Depreciation (average)	(\$2,255,831)	(5)	\$208	(\$2,255,623)		\$1,393	(\$2,254,230)
<b>Allowance for Working Capital:</b>							
Controllable Expenses	\$1,126,665		\$ -	\$ 1,126,665			\$1,126,665
Cost of Power	\$15,927,063		\$502,191	\$ 16,429,254		\$74,221	\$16,503,475
Working Capital Rate (%)	13.00%	(9)		13.00%	(9)		13.00% (9)
<b>2</b>	<b>Utility Income</b>						
Operating Revenues:							
Distribution Revenue at Current Rates	\$1,363,660			\$1,347,014		\$7,355	\$1,354,369
Distribution Revenue at Proposed Rates	\$1,329,732		\$297,948	\$1,627,680		(\$37,115)	\$1,590,565
<b>Other Revenue:</b>							
Specific Service Charges	\$70,000		\$0	\$70,000		\$0	\$70,000
Late Payment Charges	\$30,000		\$0	\$30,000		\$0	\$30,000
Other Distribution Revenue	\$32,139		\$0	\$32,139		\$0	\$32,139
Other Income and Deductions	\$25,000		\$0	\$25,000		(\$17,000)	\$8,000
Total Revenue Offsets	\$157,139	(7)	\$0	\$157,139		(\$17,000)	\$140,139
<b>Operating Expenses:</b>							
OM+A Expenses	\$1,126,665		\$ -	\$ 1,126,665			\$1,126,665
Depreciation/Amortization	\$222,854	(10)	(\$637)	\$ 222,217		(\$16,098)	\$206,119
Property taxes							
Other expenses							
<b>3</b>	<b>Taxes/PILs</b>						
Taxable Income:							
Adjustments required to arrive at taxable income		(3)		(\$154,714)			(\$170,812)
<b>Utility Income Taxes and Rates:</b>							
Income taxes (not grossed up)	\$15,447			\$15,547			\$10,584
Income taxes (grossed up)	\$18,280			\$18,399			\$12,526
Federal tax (%)	11.00%			11.00%			11.00%
Provincial tax (%)	4.50%			4.50%			4.50%
Income Tax Credits							
<b>4</b>	<b>Capitalization/Cost of Capital</b>						
<b>Capital Structure:</b>							
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%
<b>Cost of Capital</b>							
Long-term debt Cost Rate (%)	4.12%			3.94%			3.94%
Short-term debt Cost Rate (%)	2.07%			2.07%			2.11%
Common Equity Cost Rate (%)	8.98%			8.98%			9.36%
Preferred Shares Cost Rate (%)							
Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS (\$)		(11)			(11)		(11)

### 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 (%)
- 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
- (2) Net of addbacks and deductions to arrive at taxable income.
- (3) Average of Gross Fixed Assets at beginning and end of the Test Year
- (4) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- (5) 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.
- (6) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
- (7) 4.0% unless an Applicant has proposed or been approved for another amount.
- (8) Starting with 2013, default Working Capital Allowance factor is 13% (of Cost of Power plus controllable expenses). Alternatively, WCA factor based on lead-lag study or approved WCA factor for another distributor, with supporting rationale.
- (9) Depreciation Expense should include the adjustment resulting from the amortization of the deferred PP&E balance as shown on Appendix 2-EA or Appendix 2-EB of the Chapter 2 Appendices to the Filing Requirements.
- (10) Adjustment should include the adjustment to the return on rate base associated with deferred PP&E balance as shown on Appendix 2-EA or Appendix 2-EB of the Chapter 2 Appendices to the Filing Requirements.
- (11)



# Revenue Requirement Workform

## Rate Base and Working Capital

Line No.	Particulars		Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Gross Fixed Assets (average) (3)		\$7,102,782	(\$29,873)	\$7,072,909	(\$724,396)	\$6,348,513
2	Accumulated Depreciation (average) (3)		(\$2,255,831)	\$208	(\$2,255,623)	\$1,393	(\$2,254,230)
3	Net Fixed Assets (average) (3)		\$4,846,951	(\$29,665)	\$4,817,286	(\$723,003)	\$4,094,283
4	Allowance for Working Capital (1)		\$2,216,985	\$65,285	\$2,282,270	\$9,649	\$2,291,918
5	<b>Total Rate Base</b>		<b>\$7,063,936</b>	<b>\$35,620</b>	<b>\$7,099,556</b>	<b>(\$713,354)</b>	<b>\$6,386,201</b>

## Allowance for Working Capital - Derivation

(1)

6	Controllable Expenses		\$1,126,665	\$ -	\$1,126,665	\$ -	\$1,126,665
7	Cost of Power		\$15,927,063	\$502,191	\$16,429,254	\$74,221	\$16,503,475
8	Working Capital Base		\$17,053,728	\$502,191	\$17,555,919	\$74,221	\$17,630,140
9	Working Capital Rate % (2)		13.00%	0.00%	13.00%	0.00%	13.00%
10	Working Capital Allowance		\$2,216,985	\$65,285	\$2,282,270	\$9,649	\$2,291,918

### Notes

(2)

Some Applicants may have a unique rate as a result of a lead-lag study. **Default rate for 2013 cost of service applications is 13%.**

(3)

Average of opening and closing balances for the year.



## Revenue Requirement Workform

### Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
<b>Operating Revenues:</b>						
1	Distribution Revenue (at Proposed Rates)	\$1,329,732	\$297,948	\$1,627,680	(\$37,115)	\$1,590,565
2	Other Revenue (1)	\$157,139	\$ -	\$157,139	(\$17,000)	\$140,139
3	Total Operating Revenues	\$1,486,871	\$297,948	\$1,784,819	(\$54,115)	\$1,730,704
<b>Operating Expenses:</b>						
4	OM+A Expenses	\$1,126,665	\$ -	\$1,126,665	\$ -	\$1,126,665
5	Depreciation/Amortization	\$222,854	(\$637)	\$222,217	(\$16,098)	\$206,119
6	Property taxes	\$ -	\$ -	\$ -	\$ -	\$ -
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$1,349,519	(\$637)	\$1,348,882	(\$16,098)	\$1,332,784
10	Deemed Interest Expense	\$168,828	(\$6,305)	\$162,523	(\$16,228)	\$146,295
11	Total Expenses (lines 9 to 10)	\$1,518,347	(\$6,942)	\$1,511,405	(\$32,326)	\$1,479,079
12	Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS	\$ -	\$ -	\$ -	\$ -	\$ -
13	Utility income before income taxes	(\$31,476)	\$304,890	\$273,414	(\$21,789)	\$251,625
14	Income taxes (grossed-up)	\$18,280	\$118	\$18,399	(\$5,873)	\$12,526
15	Utility net income	(\$49,756)	\$304,771	\$255,015	(\$15,916)	\$239,099

### Notes

#### Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$70,000	\$ -	\$70,000	\$ -	\$70,000
	Late Payment Charges	\$30,000	\$ -	\$30,000	\$ -	\$30,000
	Other Distribution Revenue	\$32,139	\$ -	\$32,139	\$ -	\$32,139
	Other Income and Deductions	\$25,000	\$ -	\$25,000	(\$17,000)	\$8,000
	Total Revenue Offsets	\$157,139	\$ -	\$157,139	(\$17,000)	\$140,139





# Revenue Requirement Workform

## Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
<u>Determination of Taxable Income</u>				
1	Utility net income before taxes	\$253,737	\$255,016	\$239,099
2	Adjustments required to arrive at taxable utility income	\$ -	(\$154,714)	(\$170,812)
3	Taxable income	<u>\$253,737</u>	<u>\$100,302</u>	<u>\$68,287</u>
<u>Calculation of Utility income Taxes</u>				
4	Income taxes	<u>\$15,447</u>	<u>\$15,547</u>	<u>\$10,584</u>
6	Total taxes	<u>\$15,447</u>	<u>\$15,547</u>	<u>\$10,584</u>
7	Gross-up of Income Taxes	<u>\$2,833</u>	<u>\$2,852</u>	<u>\$1,942</u>
8	Grossed-up Income Taxes	<u>\$18,280</u>	<u>\$18,399</u>	<u>\$12,526</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$18,280</u>	<u>\$18,399</u>	<u>\$12,526</u>
10	Other tax Credits	\$ -	\$ -	\$ -
<u>Tax Rates</u>				
11	Federal tax (%)	11.00%	11.00%	11.00%
12	Provincial tax (%)	4.50%	4.50%	4.50%
13	Total tax rate (%)	<u>15.50%</u>	<u>15.50%</u>	<u>15.50%</u>

## Notes



# Revenue Requirement Workform

## Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate		Return
		Initial Application				
		(%)	(\$)	(%)		(\$)
	Debt					
1	Long-term Debt	56.00%	\$3,955,804	4.12%		\$162,979
2	Short-term Debt	4.00%	\$282,557	2.07%		\$5,849
3	Total Debt	60.00%	\$4,238,361	3.98%		\$168,828
	Equity					
4	Common Equity	40.00%	\$2,825,574	8.98%		\$253,737
5	Preferred Shares	0.00%	\$ -	0.00%		\$ -
6	Total Equity	40.00%	\$2,825,574	8.98%		\$253,737
7	Total	100.00%	\$7,063,936	5.98%		\$422,565
		Interrogatory Responses				
		(%)	(\$)	(%)		(\$)
	Debt					
1	Long-term Debt	56.00%	\$3,975,751	3.94%		\$156,645
2	Short-term Debt	4.00%	\$283,982	2.07%		\$5,878
3	Total Debt	60.00%	\$4,259,733	3.82%		\$162,523
	Equity					
4	Common Equity	40.00%	\$2,839,822	8.98%		\$255,016
5	Preferred Shares	0.00%	\$ -	0.00%		\$ -
6	Total Equity	40.00%	\$2,839,822	8.98%		\$255,016
7	Total	100.00%	\$7,099,556	5.88%		\$417,539
		Per Board Decision				
		(%)	(\$)	(%)		(\$)
	Debt					
8	Long-term Debt	56.00%	\$3,576,273	3.94%		\$140,905
9	Short-term Debt	4.00%	\$255,448	2.11%		\$5,390
10	Total Debt	60.00%	\$3,831,721	3.82%		\$146,295
	Equity					
11	Common Equity	40.00%	\$2,554,480	9.36%		\$239,099
12	Preferred Shares	0.00%	\$ -	0.00%		\$ -
13	Total Equity	40.00%	\$2,554,480	9.36%		\$239,099
14	Total	100.00%	\$6,386,201	6.03%		\$385,394

### Notes

(1) 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



# Revenue Requirement Workform

## 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		\$297,828		\$280,667		\$236,196
2	Distribution Revenue	\$1,363,660	\$1,031,905	\$1,347,014	\$1,347,013	\$1,354,369	\$1,354,369
3	Other Operating Revenue	\$157,139	\$157,139	\$157,139	\$157,139	\$140,139	\$140,139
	Offsets - net						
4	<b>Total Revenue</b>	<b>\$1,520,799</b>	<b>\$1,486,871</b>	<b>\$1,504,153</b>	<b>\$1,784,819</b>	<b>\$1,494,508</b>	<b>\$1,730,704</b>
5	Operating Expenses	\$1,349,519	\$1,349,519	\$1,348,882	\$1,348,882	\$1,332,784	\$1,332,784
6	Deemed Interest Expense	\$168,828	\$168,828	\$162,523	\$162,523	\$146,295	\$146,295
7		\$ - (2)	\$ -	\$ - (2)	\$ -	\$ - (2)	\$ -
	Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS						
8	<b>Total Cost and Expenses</b>	<b>\$1,518,347</b>	<b>\$1,518,347</b>	<b>\$1,511,405</b>	<b>\$1,511,405</b>	<b>\$1,479,079</b>	<b>\$1,479,079</b>
9	<b>Utility Income Before Income Taxes</b>	<b>\$2,452</b>	<b>(\$31,476)</b>	<b>(\$7,252)</b>	<b>\$273,414</b>	<b>\$15,429</b>	<b>\$251,625</b>
10	Tax Adjustments to Accounting Income per 2013 PILs model	\$ -	\$ -	(\$154,714)	(\$154,714)	(\$170,812)	(\$170,812)
11	<b>Taxable Income</b>	<b>\$2,452</b>	<b>(\$31,476)</b>	<b>(\$161,966)</b>	<b>\$118,700</b>	<b>(\$155,383)</b>	<b>\$80,813</b>
12	Income Tax Rate	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
13		\$380	(\$4,879)	(\$25,105)	\$18,398	(\$24,084)	\$12,526
	<b>Income Tax on Taxable Income</b>						
14	<b>Income Tax Credits</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
15	<b>Utility Net Income</b>	<b>\$2,072</b>	<b>(\$49,756)</b>	<b>\$17,853</b>	<b>\$255,015</b>	<b>\$39,514</b>	<b>\$239,099</b>
16	<b>Utility Rate Base</b>	<b>\$7,063,936</b>	<b>\$7,063,936</b>	<b>\$7,099,556</b>	<b>\$7,099,556</b>	<b>\$6,386,201</b>	<b>\$6,386,201</b>
17	Deemed Equity Portion of Rate Base	\$2,825,574	\$2,825,574	\$2,839,822	\$2,839,822	\$2,554,480	\$2,554,480
18	Income/(Equity Portion of Rate Base)	0.07%	-1.76%	0.63%	8.98%	1.55%	9.36%
19	Target Return - Equity on Rate Base	8.98%	8.98%	8.98%	8.98%	9.36%	9.36%
20	Deficiency/Sufficiency in Return on Equity	-8.91%	-10.74%	-8.35%	0.00%	-7.81%	0.00%
21	Indicated Rate of Return	2.42%	1.69%	2.54%	5.88%	2.91%	6.03%
22	Requested Rate of Return on Rate Base	5.98%	5.98%	5.88%	5.88%	6.03%	6.03%
23	Deficiency/Sufficiency in Rate of Return	-3.56%	-4.30%	-3.34%	0.00%	-3.13%	0.00%
24	Target Return on Equity	\$253,737	\$253,737	\$255,016	\$255,016	\$239,099	\$239,099
25	Revenue Deficiency/(Sufficiency)	\$251,664	(\$303,493)	\$237,163	(\$1)	\$199,586	(\$0)
26	<b>Gross Revenue Deficiency/(Sufficiency)</b>	<b>\$297,828 (1)</b>		<b>\$280,667 (1)</b>		<b>\$236,196 (1)</b>	

### Notes:

- (1) Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)  
 (2) Treated as an adjustment pre-tax to avoid an impact on taxes/PILs and hence on revenue sufficiency deficiency



# Revenue Requirement Workform

## Revenue Requirement

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
1	OM&A Expenses	\$1,126,665	\$1,126,665	\$1,126,665
2	Amortization/Depreciation	\$222,854	\$222,217	\$206,119
3	Property Taxes	\$ -		
5	Income Taxes (Grossed up)	\$18,280	\$18,399	\$12,526
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$168,828	\$162,523	\$146,295
	Return on Deemed Equity	\$253,737	\$255,016	\$239,099
	Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS	\$ -	\$ -	\$ -
8	<b>Service Revenue Requirement (before Revenues)</b>	<u>\$1,790,364</u>	<u>\$1,784,820</u>	<u>\$1,730,704</u>
9	Revenue Offsets	<u>\$157,139</u>	<u>\$157,139</u>	<u>\$140,139</u>
10	<b>Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)</b>	<u>\$1,633,225</u>	<u>\$1,627,681</u>	<u>\$1,590,565</u>
11	Distribution revenue	\$1,329,732	\$1,627,680	\$1,590,565
12	Other revenue	<u>\$157,139</u>	<u>\$157,139</u>	<u>\$140,139</u>
13	<b>Total revenue</b>	<u>\$1,486,871</u>	<u>\$1,784,819</u>	<u>\$1,730,704</u>
14	<b>Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)</b>	<u>(\$303,493)</u> (1)	<u>(\$1)</u> (1)	<u>(\$0)</u> (1)

### Notes

(1) Line 11 - Line 8