HYDRO HAWKESBURY INC. 2015 IRM APPLICATION EB-2015-0077

Submitted on: August 17, 2015

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



August 17, 2015 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 2015 IRM Rate Application

Dear Ms. Walli,

Hydro Hawkesbury Inc. is pleased to submit to the Ontario Energy Board its 2015 IRM Distribution Rate Application, in compliance with the OEB letter dated July 26, 2015.

Please find accompanying this letter, a PDF version of the Application and Excel versions of the OEB's models used in this application. We would be pleased to provide any further information or details that you may require relative to this application.

Yours truly,

- C

Michel Poulin

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

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MANAGER'S SUMMARY

1. INTRODUCTION

1 2

Hydro Hawkesbury Inc. hereby applies to the Ontario Energy Board (the "Board") for approval of its 2016 Distribution Rate Adjustments effective January 1, 2016. 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.

8 Hydro Hawkesbury has followed Chapter 3 of the Board's Filing Requirements for 9 Transmission and Distribution Applications dated July 16, 2015 along with the Key 10 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 11 for implementation by the Applicant as of January 1, 2016, Hydro Hawkesbury requests 12 that the Board issue an Interim Rate Order declaring the current Distribution Rates and 13 Specific Service Charges as interim until the decided implementation date of the 14 approved 2016 distribution rates. If the effective date does not coincide with the Board's 15 decided implementation date for 2016 distribution rates and charges, Hydro Hawkesbury 16 requests to be permitted to recover the incremental revenue from the effective date to the 17 implementation date. 18

Hydro Hawkesbury requests that this application be disposed of by way of a written hearing. Hydro Hawkesbury confirms that the billing determinants used in the model are from most recent reported RRR filings. The utility reviewed both the existing "Tariff Sheets" and billing determinants in the pre-populated worksheets and confirms that they were accurate. Hydro Hawkesbury would also like to take the opportunity to commend the OEB for its efforts in simplifying the IRM process. The utility found the application process to be less cumbersome and time-consuming than the previous years. 1 The utility attests that the utility, its shareholder and all its customer classes will be 2 affected by the outcome of the herein application.

In the preparation of this application, Hydro Hawkesbury used the 2016 IRM Rate 3 Generator issued on July 30, 2015. The rate and other adjustments being applied for and 4 as calculated through the use of the above models include a Price Cap Incentive Rate-5 Setting ("Price Cap IR") option to adjust its 2016 rates. (The Price Cap IR methodology 6 7 provides for a mechanistic and formulaic adjustment to distribution rates and charges in the period between Cost of Service applications). The model also adjusts 8 Retail Transmission Service Rates in accordance with Board Guideline G-2008-0001 -9 Electricity Distribution Retail Transmission Service Rates revised on June 28, 2012. 10

- 11 Hydro Hawkesbury also applies for the following matter;
- Request to dispose of the distributor's Group 1 audited account balances as of 12 December 31, 2014. 13 Continuance of Rate Riders and Adders for which the sunset date has not yet 14 been reached. 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 \$9.55 up from previously Board Approved \$7.17 and Volumetric Charge of 21 \$0.0075 down from previously Board Approved \$0.0098. 22 23

1 2

2. DISTRIBUTOR'S PROFILE

Hydro Hawkesbury is licensed by the Ontario Energy Board to distribute electricity to the 3 inhabitants of the Town of Hawkesbury. Hydro Hawkesbury is incorporated under the 4 Business Corporation Act on October 25th 2000. The sole Shareholder of Hydro 5 Hawkesbury is the Town of Hawkesbury. The population of the Municipality of 6 Hawkesbury is approximately 10,500. The distribution service area within the Town of 7 8 Hawkesbury is bounded by the township of Champlain, East Hawkesbury, and the 9 province of Quebec. The total service area covered by Hydro Hawkesbury is approximately 8.6 SQ.KM of urban area. 10

Hydro Hawkesbury's customers totals 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.

22 3. PUBLICATION NOTICE

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Hydro Hawkesbury Inc. is proposing that its notice related to this Application appears inthe following publications;

26	Le Carillon, 1100 Aberdeen, Hawkesbury, ON
27	And/or
28	Le Régional, 124 Main St. East, Hawkesbury, ON

- 1 The primary contact for the herein application is;
- 2
- 3 Michel Poulin
- 4 General Manager
- 5 Hydro Hawkesbury Inc.
- 6 850 Tupper St.
- 7 Hawkesbury, ON
- 8 K6A 3S7
- 9 Tel: 613-632-6689
- 10
- 11 The alternate contact for the application is;
- 12
- 13 Manuela Ris-Schofield
- 14 Tandem Energy Services Inc.
- 15 Tel: 519-856-0080
- 16 Mobile: 416-562-9295

1 4. PRICE CAP ADJUSTMENT (Ch3 3.2.1)

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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 has used an assigned Stretch Factor Group I to calculate its Price Cap. The
following table shows the Hydro Hawkesbury's applicable factor for its Price Cap
Adjustment.

11

Table 1 – Price Cap Parameters

Stretch Factor Group	I
Price Escalator	1.60%
Stretch Factor Value	0.00%
Productivity Factor	0.00%
Price Cap Index	1.60%

12

13 While the price factor adjustment under this application would apply to the fixed and

volumetric distribution rates for Hydro Hawkesbury, it would not affect the following:

- Rate adders and riders
- Low voltage service charges
- Retail Transmission Service Rates
- Wholesale Market Service Rate
- Rural Rate Protection Charge
- Standard Supply Service Administrative Charge
- MicroFIT Service Charge
- Specific Service Charges

5. REVENUE TO COST RATIO ADJUSTMENTS (Ch3 3.2.2) 1

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Hydro Hawkesbury is not proposing to adjust its revenue to cost ratios in this proceeding 3 4 as its revenue to cost ratios were recently adjusted and set as part of the 2014 Cost of Service Application. 5

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

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In accordance with the new Rate Design for Residential Electricity policy issued on April 8 2, 2015, Hydro Hawkesbury followed the approach set out in sheet 15 of the rate 9 generator model to implement the first of four yearly adjustment to its Monthly Fixed 10 Charge. 11

12 The utility's bill impacts under the new fixed and variable rates shows a rate change of -\$0.044 for the Residential Class which falls below the \$4.00 threshold. The table below 13 14 show the existing rates compared to the proposed rates.

15

Table 2 – Current vs Proposed Distribution Rates

Rate Class	Current MFC	Current Volumetric Charge	2014 Board Approved Fixed Ratio	2014 Board Approved Fixed Ratio	Proposed MFC	Proposed Volumetric Charge
Residential	7.17	0.0098	44.83%	55.17%	9.55	0.0075
GS<50 kW	15.15	0.0060	49.81%	50.19%	15.39	0.0061
GS>50 kW	98.91	2.0049	28.71%	71.29%	100.49	2.0370
USL	6.49	0.0038	31.90%	68.10%	6.59	0.0039
Sentinel	1.63	3.2262	30.24%	69.76%	1.66	3.2778
Street Lighting	.54	5.8424	29.40%	70.60%	0.55	5.9359
Microfit	5.40		44.83%	55.17%	5.40	

16

1 2

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.
- 7 Hydro Hawkesbury used the RTSR Adjustment Worksheets embedded in the IRM Model,
- 8 to determine the proposed adjustments to the current Retail Transmission Service Rates
- 9 approved in 2015 IRM application (file number EB-2014-0089).
- The Loss Factor applied to the metered kWh is the actual Board-approved 2014 LossFactor.

12 The proposed adjustments of the Retail Transmission Service Rates are shown in the 13 table below and the detailed calculations can be found in the 2016 IRM Model filed in 14 conjunction with this application.

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Table 3 – Proposed RTSR

Retail Transmission Rate - Network Service Rate			
Rate Description	Unit	Current RTSR- Network	Proposed RTSR- Network
Residential	\$/kWh	0.0072	0.0071
GS<50 kW	\$/kWh	0.0066	0.0065
GS>50 kW	\$/kWh	2.6839	2.6481
USL	\$/kW	0.0066	0.0065
Sentinel	\$/kWh	2.0249	1.9979
Street Lighting	\$/kW	2.0243	1.9973

16

Retail Transmission Rate - Line and Transformation Connection Service Rate			
Rate Description	Unit	Current RTSR-	Proposed RTSR-
		Connection	Connection
Residential	\$/kWh	0.0031	0.0034
GS<50 kW	\$/kWh	0.0027	0.0030
GS>50 kW	\$/kWh	1.1251	1.2331
USL	\$/kW	0.0027	0.0030
Sentinel	\$/kWh	1.7759	1.9464
Street Lighting	\$/kW	0.8697	0.9532

1

8. DEFERRAL AND VARIANCE ACCOUNTS (Ch3 3.2.5)

- Hydro Hawkesbury has completed the Board Staff's 2016 IRM Rate Generator Tab 3
 2015 Continuity Schedule and the threshold test shows a claim per kWh of \$0.0020. 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 exceed this
 threshold test amount, Hydro Hawkesbury is therefore seeking disposal of its deferral and
- variance account in this proceeding. The Hydro Hawkesbury Group 1 total claim balance
- is \$418,326 and is comprised of the following account balances. Details of these balances
- can be found in the 2015 IRM Model.
- 13

Table 4: Deferral and Variance Account balances

Group 1 Accounts		
LV Variance Account	1550	\$41,560
Smart Meter Entity Charge Variance	1551	\$3,646
RSVA - Wholesale Market Service Charge	1580	-\$120,583
RSVA - Retail Transmission Network Charge	1584	\$44,382
RSVA - Retail Transmission Connection Charge	1586	\$1,354
RSVA - Power (excluding Global Adjustment)	1588	-\$187,279
RSVA - Power - Sub-account - Global Adjustment	1589	\$591,253
Recovery of Regulatory Asset Balances	1590	\$0
Disposition and Recovery/Refund of Regulatory Balances (2008)	1595	\$0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	\$40,658
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	\$2,864
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$418,326

14

- 1 9. <u>SPECIFIC SERVICE CHARGE AND LOSS FACTORS</u>
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Hydro Hawkesbury is applying to continue the current Specific Service Charges, and Loss
Factors as approved by the Board (EB-2013-0139).

5 10. DISPOSITION OF LRAM (Ch3 3.2.6)

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In accordance with the Board's Guidelines for Electricity Distributor Conservation and Demand Management (EB-2012-0003) issued on April 26, 2012, at a minimum, distributors must apply for disposition of the balance in the LRAMVA at the time of their Cost of Service rate applications. Distributors may apply for the disposition of the balance in the LRAMVA on IR rate applications if the balance is deemed significant by the applicant. All requests for disposition of the LRAMVA must be made together with carrying charges, after the completion of the annual independent third party review.

Hydro Hawkesbury disposed of its balances in its 2014 Cost of Service (EB-2013-0139).
Hydro Hawkesbury has yet to receive its final evaluation report from the OPA of its 2014
CDM therefore Hydro Hawkesbury is not applying to dispose of its balances in this
application.

Hydro Hawkesbury expects to again review the 1568 LRAMVA account for possibledisposition in its next IRM application for 2017 rates.

20 11. <u>TAX CHANGE (Ch3 3.2.7)</u>

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Hydro Hawkesbury has not been subject to any tax changes tax changes from the tax rates embedded in its OEB 2014 Board Approved base rate. Therefore, this section of the application is non-applicable to the utility and as such, the utility has not completed worksheets 8 of the IRM model.

1 12. ICM / Z-FACTOR (Ch3 3.2.8)

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Hydro Hawkesbury is not applying for recovery of Incremental Capital or Z-Factor in thisproceeding.

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13. CURRENT TARIFF SHEETS

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

8 14. <u>PROPOSED TARIFF SHEETS</u>

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10 The proposed tariff sheets generated by the 2016 IRM Rate Generator are provided in 11 the Appendix 2.

12 15. <u>BILL IMPACTS</u>

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As shown in the table, the impact of the Rate Design on the Residential class is marginal. The reason for the considerable overall increase in rates is due to the inclusion of the Ontario Clean Energy Benefit (OCEB) in the bill impact calculations. The total bill impact excluding the OCEB is a decrease of -\$0.44. Detailed bill impacts for each rate class are provided in the Appendix 3

19

Table 5 – Summary of Bill Impacts

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)		Sub-Total									Total		
	Units		A			E	}		C			A + B + C	
			\$	*		\$	%		\$	%		\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	0.55	3.7%	-\$	0.58	-2.9%	-\$	0.42	-1.5%	\$	6.88	5.6%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$	0.43	1.6%	-\$	2.27	-6.0%	-\$	1.90	-3.3%	\$	14.60	5.0%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	9.28	1.6%	-\$	339.75	-29.0%	-\$	322.42	-15.5%	-\$	364.34	-15.5%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	0.38	1.6%	-\$	59.42	-68.7%	-\$	58.51	-45.3%	-\$	66.23	-45.2%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Nor-RPP (Other)	kW	\$	0.09	1.6%	-\$	7.51	-58.5%	-\$	7.32	-41.2%	-\$	8.27	-40.6%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	Ś	0.03	1.6%	-\$	0.51	-20.8%	-\$	0.50	-15.7%	-5	0.57	-14.6%

1 <u>2014 RRWF</u>

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3 The Revenue Requirement Work Form from Hydro Hawkesbury's 2014 Cost of Service

- 4 Application (EB-2013-0139) is presented at Appendix 4.
- 5
- 6

~Respectfully Submitted~

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

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

EB-2014-0082

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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	7.17
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0098
Low Voltage Service Rate	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2015	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until December 31, 2015		
Applicable only for Non RPP Customers	\$/kWh	0.0071
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0031

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0082

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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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

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

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

Service Charge	\$	15.15
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0060
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2015	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until December 31, 2015		
Applicable only for Non RPP Customers	\$/kWh	0.0071
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0027
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0082

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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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

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

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

Service Charge	\$	98.91
Distribution Volumetric Rate	\$/kW	2.0049
Low Voltage Service Rate	\$/kW	0.2419
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2015	\$/kW	(0.4885)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until December 31, 2015		
Applicable only for Non RPP Customers	\$/kW	2.7066
Retail Transmission Rate - Network Service Rate	\$/kW	2.6839
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1251
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013

Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0082

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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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

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

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

Service Charge (per customer)	\$	6.49
Distribution Volumetric Rate	\$/kWh	0.0038
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2015	\$/kWh	(0.0012)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until December 31, 2015		
Applicable only for Non RPP Customers	\$/kWh	0.0071
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0027
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0082

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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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

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

Service Charge (per connection)	\$	1.63
Distribution Volumetric Rate	\$/kW	3.2262
Low Voltage Service Rate	\$/kW	0.3818
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2015	\$/kW	2.5437
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until December 31, 2015		
Applicable only for Non RPP Customers	\$/kW	2.4564
Retail Transmission Rate - Network Service Rate	\$/kW	2.0249
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7759
MONTHLY RATES AND CHARGES - Regulatory Component		
	* // · · · · ·	
Wholesale Market Service Rate	\$/kWh	0.0044
Dural an Damata Electricity Data Data sticn (DDDD)	¢/L\\/h	0 0010

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0082

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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this

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

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

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

Service Charge (per connection)	\$/kW	0.54
Distribution Volumetric Rate	\$/kW	5.8424
Low Voltage Service Rate	\$/kW	0.1870
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2015	\$/kW	(0.6034)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until December 31, 2015		
Applicable only for Non RPP Customers	\$/kW	2.9718
Retail Transmission Rate - Network Service Rate	\$/kW	2.0243
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8697
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/k\//h	0.0013

Wholesale Market Service Rate	Φ/ΚννΙΙ	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0082

MICROFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge

5.40

\$

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

EB-2014-0082

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$ 15.00
Statement of Account	\$ 15.00
Duplicate Invoices for previous billing	\$ 15.00
Credit Reference/credit check (plus credit agency costs)	\$ 15.00
Returned cheque charge (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

\$

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

EB-2014-0082

RETAIL SERVICE CHARGES (if applicable)

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

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

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0541
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0436

Effective and Implementation Date January 1, 2016

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0082

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

Service Charge Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$ \$	9.55 0.79
Distribution Volumetric Rate	\$/kWh	0.0075
Low Voltage Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh	0.0007 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	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2016

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EB-2014-0082

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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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Service Charge	\$	15.39
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 0044

Wholesale Market Service Rate	\$/KVVN	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2016

This schedule supersedes and replaces all previously

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EB-2014-0082

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

Service Charge	\$	100.49
Distribution Volumetric Rate	\$/kW	2.0370
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		
MONTHLY RATES AND CHARGES - Regulatory Component Wholesale Market Service Rate	\$/kWh	0.0044
	\$/kWh \$/kWh	0.0044 0.0013

Effective and Implementation Date January 1, 2016

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EB-2014-0082

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

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

Service Charge (per customer)	\$	6.59
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		
MONTHLY RATES AND CHARGES - Regulatory Component Wholesale Market Service Rate	\$/kWh	0.0044
	\$/kWh \$/kWh	0.0044 0.0013

Effective and Implementation Date January 1, 2016

This schedule supersedes and replaces all previously

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EB-2014-0082

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

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

Service Charge (per connection) Distribution Volumetric Rate Low Voltage Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kW \$/kW	1.66 3.2778 0.3818 1.9979 1.9464
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$	0.0044 0.0013 0.25

Effective and Implementation Date January 1, 2016

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approved schedules of Rates, Charges and Loss Factors

EB-2014-0082

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.

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Service Charge (per connection) Distribution Volumetric Rate Low Voltage Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW \$/kW \$/kW \$/kW	0.55 5.9359 0.1870 1.9973 0.9532
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$	0.0044 0.0013 0.25

Effective and Implementation Date January 1, 2016

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EB-2014-0082

MICROFIT SERVICE CLASSIFICATION

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Service Charge	\$	5.40
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	Ф	(1.00)

Effective and Implementation Date January 1, 2016

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EB-2014-0082

SPECIFIC SERVICE CHARGES

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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

Effective and Implementation Date January 1, 2016

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EB-2014-0082

RETAIL SERVICE CHARGES (if applicable)

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0541
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0436

Appendix 2: Proposed Tariff Sheet

Appendix 3: Bill Impacts



The bill compansons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 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.

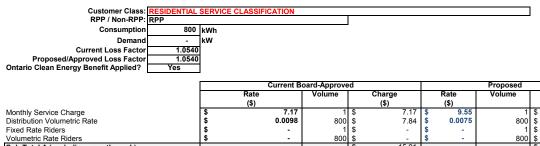
For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Note: For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2015 of \$0.0954/kWh (IESO's Monthly Market Report for May 2015, page 20) 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 chart for the specific class.

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

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	OCEB Applicable? Prior to Jan 1/16	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	Yes	1.054	1.054	800		N/A
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	Yes	1.054	1.054	2,000		N/A
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	No	1.054	1.054		240	DEMAND
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kW	Non-RPP (Other)	No	1.054	1.054		4,600	DEMAND
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	No	1.054	1.054		1	DEMAND
STREET LIGHTING SERVICE CLASSIFICATION	kWh	Non-RPP (Other)	No	1.054	1.054	0		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								
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								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

RATE CLASSES / CATEGORIES						Sub-To	otal					Total	
(eg: Residential TOU, Residential Retailer)	Units		Α				В		C	:		A + B + C	
			\$	%		\$	%		\$	%		\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	0.56	3.7%	-\$	0.58	-2.9%	-\$	0.42	-1.5%	\$	6.88	5.6%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$	0.43	1.6%	-\$	2.27	-6.0%	-\$	1.90	-3.3%	\$	14.60	5.0%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	9.28	1.6%	-\$	339.76	-29.0%	-\$	322.42	-15.5%	-\$	364.34	-15.5%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	0.38	1.6%	-\$	59.42	-68.7%	-\$	58.61	-45.3%	-\$	66.23	-45.2%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	0.09	1.6%	-\$	7.51	-58.5%	-\$	7.32	-41.2%	-\$	8.27	-40.6%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	Ś	0.03	1.6%	-\$	0.51	-20.8%	-Ś	0.50	-15.7%	-Ś	0.57	-14.6%
								1					
								1					
					1								
					1								
					1								
					1								
								1					
					1								
					1								
	1	1			1						1		
					1			1			1		
		-			1								



		Rate	Volume		Charge		Rate	Volume		Charge	í –		
		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$	7.17		\$		\$		1		9.55		2.38	33.20%
Distribution Volumetric Rate	\$	0.0098	800		7.84	\$	0.0075	800		6.01	-\$	1.83	-23.28%
Fixed Rate Riders	\$	-	1	\$	-	\$	-		\$	-	\$	-	
Volumetric Rate Riders	\$	-	800	\$	-	\$	-	800		-	\$	-	
Sub-Total A (excluding pass through)				\$	15.01				\$	15.57		0.56	3.70%
Line Losses on Cost of Power	\$	0.1021	43	\$	4.41	\$	0.1021	43	\$	4.41	\$	-	0.00%
Total Deferral/Variance Account Rate	-\$	0.0010	800	-\$	0.80	-\$	0.0024	800	-\$	1.93	-\$	1.13	141.33%
Riders	Ť											1.15	
Low Voltage Service Charge	\$	0.0007	800		0.56				\$	0.56		-	0.00%
Smart Meter Entity Charge (if applicable)	\$	0.7900	1	\$	0.79	\$	0.7900	1	\$	0.79	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-				\$	19.97				\$	19.40	_s	0.58	-2.88%
Total A)				-					*				
RTSR - Network	\$	0.0072	843	\$	6.08	\$	0.0071	843	\$	5.99	-\$	0.09	-1.45%
RTSR - Connection and/or Line and	\$	0.0031	843	\$	2.62	s	0.0034	843	\$	2.86	\$	0.25	9.39%
Transformation Connection	Ŧ		0.0	Ŷ	2:02			0.0	Ŷ	2.00	Ľ	0.20	0.0070
Sub-Total C - Delivery (including Sub-				\$	28.67				\$	28.25	-\$	0.42	-1.46%
Total B)				Ŧ					*		Ľ		
Wholesale Market Service Charge	\$	0.0044	843	\$	3.71	s	0.0044	843	\$	3.71	\$	-	0.00%
(WMSC)	Ť								+	••••	Ľ		
Rural and Remote Rate Protection	\$	0.0013	843	\$	1.10	s	0.0013	843	\$	1.10	\$	-	0.00%
(RRRP)											L.		
Standard Supply Service Charge	\$	0.2500		\$	0.25	\$	0.2500	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	800	\$	5.60						1		
Ontario Electricity Support Program						\$	-	843	\$	-	\$	-	
(OESP)	•		540	_	10.00			540		10.00			0.000/
TOU - Off Peak	\$	0.0800 0.1220	512		40.96	2	0.0800		\$	40.96		-	0.00%
TOU - Mid Peak	\$		144		17.57	>			\$	17.57	\$	-	0.00%
TOU - On Peak	\$	0.1610	144	\$	23.18	\$	0.1610	144	\$	23.18	\$	-	0.00%
	-				101.01						-		4.030/
Total Bill on TOU (before Taxes)				\$	121.04		100/		\$	115.02		6.02	-4.97%
HST		13%		\$	15.73		13%		\$	14.95		0.78	-4.97%
Total Bill (including HST)				\$	136.77				\$	129.97	-\$	6.80	-4.97%
Ontario Clean Energy Benefit 1				-\$	13.68					100.07			
Total Bill on TOU				\$	123.09				\$	129.97	\$	6.88	5.59%

Impact

Charge (\$)

Customer Class:	GENERAL SEF	RVICE LESS THAN 50 KW SERVICE CLASSIFICATI	ON
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0540		
Proposed/Approved Loss Factor	1.0540		
Ontario Clean Energy Benefit Applied?	Yes]	

		Current B	oard-Approve	əd		1		Proposed				Imp	act
	Rate		Volume		Charge		Rate	Volume		Charge		·	
	(\$)				(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	15.15	1	\$	15.15	\$	15.39	1	\$	15.39	\$	0.24	1.60%
Distribution Volumetric Rate	\$	0.0060	2000	\$	12.00	\$	0.0061	2000		12.19	\$	0.19	1.60%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	2000		-	\$	-	2000		-	\$	-	
Sub-Total A (excluding pass through)				\$	27.15				\$	27.58		0.43	1.60%
Line Losses on Cost of Power	\$	0.1021	108	\$	11.03	\$	0.1021	108	\$	11.03	\$	-	0.00%
Total Deferral/Variance Account Rate	-\$	0.0011	2.000	-\$	2.20	-s	0.0024	2,000	-\$	4.90	-\$	2.70	122.72%
Riders				·		÷.						2.70	
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	\$	0.7900	1	\$	0.79	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-				\$	37.97				\$	35.71	-\$	2.27	-5.97%
Total A)	¢	0.0000	0.400	·	10.00		0.0005	0.400	·	40.70	•	0.47	1 100/
RTSR - Network RTSR - Connection and/or Line and	\$	0.0066	2,108	\$	13.89	\$	0.0065	2,108	\$	13.73	-\$	0.17	-1.19%
	\$	0.0027	2,108	\$	5.70	\$	0.0030	2,108	\$	6.24	\$	0.54	9.39%
Transformation Connection				<u> </u>		_							
Sub-Total C - Delivery (including Sub-				\$	57.57				\$	55.67	-\$	1.90	-3.29%
Total B) Wholesale Market Service Charge				-									
(WMSC)	\$	0.0044	2,108	\$	9.28	\$	0.0044	2,108	\$	9.28	\$	-	0.00%
Rural and Remote Rate Protection													
(RRRP)	\$	0.0013	2,108	\$	2.74	\$	0.0013	2,108	\$	2.74	\$	-	0.00%
(RRRP) Standard Supply Service Charge	\$	0.2500	1	\$	0.25	s	0.2500	1	\$	0.25	\$	_	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	2,000		14.00	Ψ	0.2000		φ	0.25	φ	-	0.00 %
Ontario Electricity Support Program	Ψ	0.0070	2,000	Ψ	14.00								
(OESP)						\$	-	2,108	\$	-	\$	-	
TOU - Off Peak	\$	0.0800	1.280	\$	102.40	s	0.0800	1,280	\$	102.40	\$	-	0.00%
TOU - Mid Peak	š	0.1220	360	\$	43.92	š	0.1220		\$	43.92		_	0.00%
TOU - On Peak	ŝ	0.1610	360		57.96	ŝ	0.1610	360		57.96		_	0.00%
	÷		000	Ŷ	01.00	Ť		000	Ŷ	01.00	Ŷ		0.00 //
Total Bill on TOU (before Taxes)				\$	288.11	1			\$	272.22	-\$	15.90	-5.52%
HST		13%		\$	37.45		13%		\$	35.39		2.07	-5.52%
Total Bill (including HST)		.070		\$	325.57				\$	307.60		17.96	-5.52%
Ontario Clean Energy Benefit ¹				-\$	32.56								
Total Bill on TOU				\$	293.01				\$	307.60	\$	14.60	4.98%
									÷				

		RVICE 50 TO 4,999 KW SERVICE CLASSIFIC	ATION
RPP / Non-RPP:	Non-RPP (Othe	er)	
Consumption	-	kWh	
Demand	240	kW	
Current Loss Factor	1.0540		
Proposed/Approved Loss Factor	1.0540		
Ontario Clean Energy Benefit Applied?	No		
		Current Board-Approved	

			oard-Approve	ed				Proposed				Impa	act
	Rate		Volume		Charge		Rate	Volume		Charge			
	(\$)				(\$)		(\$)			(\$)	1	\$ Change	% Change
Monthly Service Charge	\$	98.91	1	\$	98.91	\$	100.49	1	\$	100.49	\$	1.58	1.60%
Distribution Volumetric Rate	\$	2.0049	240	\$	481.18	\$	2.0370	240	\$	488.87	\$	7.70	1.60%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	240	\$	-	\$	-	240	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	580.09				\$	589.37	\$	9.28	1.60%
Line Losses on Cost of Power	\$	0.0954	-	\$	-	\$	0.0906	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	*	2.2181	240	¢	532.34		0.7638	240	\$	183.30	-\$	349.04	-65.57%
Riders	ş	2.2101	240	φ		Ŷ	0.7030	-	φ		- φ	349.04	
Low Voltage Service Charge	\$	0.2419	240	\$	58.06	\$	0.2419	240	\$	58.06	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	1,170.49				\$	830.73	e	339.76	-29.03%
Total A)					1,170.49				φ			339.70	
RTSR - Network	\$	2.6839	240	\$	644.13	\$	2.6481	240	\$	635.54	-\$	8.59	-1.33%
RTSR - Connection and/or Line and	\$	1.1251	240	¢	270.03	e	1.2331	240	\$	295.95	\$	25.92	9.60%
Transformation Connection	Ŷ	1.1231	240	φ	270.03	•	1.2331	240	9	295.95	φ	25.92	9.00 /8
Sub-Total C - Delivery (including Sub-				\$	2,084.64				\$	1,762.22		322.42	-15.47%
Total B)				Ψ	2,004.04				₽	1,702.22	~	522.42	-13.4778
Wholesale Market Service Charge	\$	0.0044		\$		s	0.0044		θ	_	\$	-	
(WMSC)	Ŷ	0.0044	-	Ψ	-	٣	0.0044	-	Ψ	-	Ψ	-	
Rural and Remote Rate Protection	¢	0.0013		\$		e	0.0013		\$	_	\$		
(RRRP)	Ψ		-	Ψ		Ψ		-		-		-	
Standard Supply Service Charge	\$	0.2500	1	\$	0.25	\$	0.2500	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	-	\$	-								
Ontario Electricity Support Program						e	_		\$	_	\$		
(OESP)						۴	-	-	Ψ	-	Ψ	-	
Average IESO Wholesale Market Price	\$	0.0954	-	\$	-	\$	0.0906	-	\$	-	\$	-	
Total Bill on Average IESO Wholesale Market Price				\$	2,084.89				\$	1,762.47		322.42	-15.46%
HST		13%		\$	271.04		13%		\$	229.12	-\$	41.91	-15.46%
Total Bill (including HST)				\$	2,355.93				\$	1,991.59	-\$	364.34	-15.46%
Ontario Clean Energy Benefit ¹				\$	-								
Total Bill on Average IESO Wholesale Market Price				\$	2,355.93				\$	1,991.59	-\$	364.34	-15.46%

		SCATTERED LOAD SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other	er)
Consumption	-	kWh
Demand	4,600	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	
Ontario Clean Energy Benefit Applied?	No	
		Current Board-Approved

		Current Bo	oard-Approve	ed				Proposed				Imp	act
	F	Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$	6.49	1	\$	6.49	\$	6.59	1	\$	6.59	\$	0.10	1.60%
Distribution Volumetric Rate	\$	0.0038	4600	\$	17.48	\$	0.0039	4600	\$	17.76	\$	0.28	1.60%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	4600	\$	-	\$	-	4600	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	23.97				\$	24.35	\$	0.38	1.60%
Line Losses on Cost of Power	\$	0.0954	-	\$	-	\$	0.0906	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	*	0.0130	4.600	\$	59.80	s		4.600	\$		-\$	59.80	-100.00%
Riders	æ	0.0130	1	Φ		Þ	-	,			-⊅	59.60	
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	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				¢	86.53				\$	27.11	.e	59.42	-68.67%
Total A)				φ	00.55				φ	27.11	- p	55.42	-00.07 /0
RTSR - Network	\$	0.0066	4,600	\$	30.32	\$	0.0065	4,600	\$	29.95	-\$	0.36	-1.19%
RTSR - Connection and/or Line and	\$	0.0027	4.600	\$	12.44	s	0.0030	4,600	¢	13.61	\$	1.17	9.39%
Transformation Connection	Ψ	0.0027	4,000	φ	12.77	۴	0.0050	4,000	Ψ	13.01	ę	1.17	3.33 /0
Sub-Total C - Delivery (including Sub-				s	129.29				\$	70.68	<u>.</u> ¢	58.61	-45.33%
Total B)				٤	120.20				Ŷ	10.00	Ŷ	00.01	-40.0078
Wholesale Market Service Charge	\$	0.0044		\$		s	0.0044		\$		\$		
(WMSC)	•			Ψ		Τ.			Ψ		Ŷ		
Rural and Remote Rate Protection	\$	0.0013		\$	-	s	0.0013		\$		\$		
(RRRP)	Ť.			Ψ		Ť							
Standard Supply Service Charge	\$	0.2500	1	\$	0.25	\$	0.2500	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	-	\$	-								
Ontario Electricity Support Program						s	-	-	\$	-	\$	-	
(OESP)						Ŷ	_						
Average IESO Wholesale Market Price	\$	0.0954	-	\$	-	\$	0.0906	-	\$	-	\$	-	
Total Bill on Average IESO Wholesale Market Price				\$	129.54				\$	70.93		58.61	-45.24%
HST		13%		\$	16.84	I	13%		\$		-\$	7.62	-45.24%
Total Bill (including HST)				\$	146.38				\$	80.15	-\$	66.23	-45.24%
Ontario Clean Energy Benefit ¹				\$	-								
Total Bill on Average IESO Wholesale Market Price				\$	146.38				\$	80.15	-\$	66.23	-45.24%

Customer Class: SENTINEL LI	GHTING SE	RVICE CLASSIFICA	TION	-									
RPP / Non-RPP: Non-RPP (Oth													
Consumption -	kWh												
	kW												
Current Loss Factor 1.054													
Proposed/Approved Loss Factor 1.054	0												
Ontario Clean Energy Benefit Applied? No													
			oard-Approve	əd				Proposed				Imp	act
		Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	s	Change	% Change
Monthly Service Charge	\$	1.63	1	\$	1.63	\$		1	\$	1.66	\$	0.03	1.60%
Distribution Volumetric Rate	\$	3.2262	1.3		4.19	\$		1.3	\$	4.26	š	0.07	1.60
Fixed Rate Riders	\$		1	\$	-	\$		1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	1.3	\$	-	\$		1.3	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	5.82	Ľ		-	\$	5.92	\$	0.09	1.60%
Line Losses on Cost of Power	\$	0.0954	-	\$	-	\$	0.0906	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	\$	5.0001	1	\$	6.50	-\$	0.8456	1	-\$	1.10	-\$	7.60	-116.91%
Riders	Þ		1	φ		- ə		I	-φ	-	- ⊅	7.60	
Low Voltage Service Charge	\$	0.3818	1	\$	0.50	\$	0.3818	1	\$	0.50	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$		1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	12.82				\$	5.31	4	7.51	-58.55%
Total A)				•	-				Ψ			-	
RTSR - Network	\$	2.0249	1	\$	2.63	\$	1.9979	1	\$	2.60	-\$	0.04	-1.34%
RTSR - Connection and/or Line and	\$	1.7759	1	\$	2.31	s	1.9464	1	\$	2.53	\$	0.22	9.60%
Transformation Connection	÷			Ŷ	2.01	•			Ψ	2.00	Ŷ	0.22	0.007
Sub-Total C - Delivery (including Sub-				\$	17.76				\$	10.44	-\$	7.32	-41.21%
Total B)				*							*		
Wholesale Market Service Charge	\$	0.0044	-	\$	-	s	0.0044	-	\$	-	\$	-	
(WMSC)				Ť		÷.			-		*		
Rural and Remote Rate Protection	\$	0.0013	-	\$	-	\$	0.0013	-	\$	-	\$	-	
(RRRP)		0.0500	4	· ·	0.25	÷.		4		0.25			0.00%
Standard Supply Service Charge	\$ \$	0.2500 0.0070	1	\$ \$	0.25	\$	0.2500	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	Þ	0.0070	-	Э	-								
Ontario Electricity Support Program						\$	-	-	\$	-	\$	-	
(OESP) Average IESO Wholesale Market Price	s	0.0954	-	\$	-	\$	0.0906		\$		\$		
Average 1230 wholesale Market Filce	¢	0.0954	-	φ		Ŷ	0.0908	-	φ	-	Ŷ	-	
Total Bill on Average IESO Wholesale Market Price	1			e	18.01				¢	10.69	e	7.32	-40.64%
HST		13%		\$ \$	2.34		13%		գ Տ		-\$ -\$	0.95	-40.64%
Total Bill (including HST)		13%		φ \$	20.35		13%		φ \$		-9 -\$	8.27	-40.649
				\$	20.35				φ	12.00	-ψ	0.27	-40.047
Ontario Clean Energy Benefit ¹ Total Bill on Average IESO Wholesale Market Price				\$	20.35				\$	12.08	-5	8.27	-40.64%
Total bill on Average 1250 wholesale warket Price				φ	20.35				φ	12.00	- P	0.27	-40.647

		TING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Othe	er)	
Consumption	0	kWh	
Demand	-	kW	
Current Loss Factor	1.0540		
Proposed/Approved Loss Factor	1.0540		
Ontario Clean Energy Benefit Applied?	No		

Rate Volu Monthly Service Charge \$ 0.54 Distribution Volumetric Rate \$ 5.8424 Fixed Rate Riders \$ - Volumetric Rate Riders \$ - Sub-Total A (excluding pass through) - - Line Losses on Cost of Power \$ 0.0954 Total Deferral/Variance Account Rate \$ 2.3684 Riders \$ 0.1870 Smart Meter Entity Charge (if applicable) \$ - Sub-Total B - Distribution (includes Sub- - - Total Deferral/Variance Account Rate \$ 2.0243 RTSR - Network \$ 2.0243 RTSR - Connection and/or Line and \$ 0.8697 Transformation Connection \$ 0.8697 Transformation Connection \$ 0.0044 Wholesale Market Service Charge \$ 0.0013 Waral and Remote Rate Protection \$ 0.0013 (RRRP) \$ 0.0070 - Standard Supply Service Charge \$ 0.0070 Ontario Electricity Support Program	ume 1 5 0.23 5 1 0.23 5 5 0.23 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5	1.34 1.88 0.00 0.54 0.04 0.49 0.21 3.17	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5.9359 - - 0.0906 0.0065 0.1870 - 1.9973	Volume 1 0.23 1 0.23 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	• \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	Charge (\$) 0.55 1.37 - - - 1.91 0.00 0.00 0.00 0.00 0.04 - 1.96 0.48 0.23	\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Change 0.01 0.02 - 0.03 0.00 0.54 - - 0.51 0.01 0.02	% Change 1.60% 1.60% -5.03% -99.73% 0.00% -20.75% -1.33% 9.60%
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Sub-Total A (excluding pass through)	0 5 0 5 0 5 0 5 1 5 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5	0.00 0.54 0.04 - 2.47 0.49 0.21 3.17	\$ \$ \$ \$ \$	0.0065 0.1870 - 1.9973	0 0 1 0	• • • • • • • • • • • •	0.00 0.00 0.04 	•\$ -\$ -\$ \$ \$ •\$ •\$	0.00 0.54 - - 0.51 0.01	-5.03% -99.73% 0.00% -20.75% -1.33%
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Sub-Total B - Distribution (includes Sub- Total A) 5 RTSR - Network \$ RTSR - Network \$ RTSR - Connection and/or Line and \$ Transformation Connection \$ Sub-Total B - Distribution (including Sub- Total B) 1 Wholesale Market Service Charge (WMSC) \$ Rural and Remote Rate Protection (RRRP) \$ Standard Supply Service Charge (RTRP) \$ Obte Retirement Charge (DRC) \$ Ontario Electricity Support Program (OESP) \$	2 2 0 2 2 0 2	2.47 0.49 0.21 3.17	\$ \$			\$ \$ \$	0.48	- \$ -\$	0.01	-1.33%
Total A) \$ RTSR - Network \$ 2.0243 RTSR - Connection and/or Line and \$ 0.8697 Transformation Connection \$ 0.8697 Sub-Total C - Delivery (including Sub- Total B) Transformation Connection \$ Wholesale Market Service Charge (WMSC) \$ 0.0044 Rural and Remote Rate Protection (RRRP) \$ 0.0013 Standard Supply Service Charge (Debt Retirement Charge (DRC) \$ 0.0070 Ontario Electricity Support Program (OESP) \$ 0.0070	0 0 9	0.49 0.21 3.17	\$			\$ \$	0.48	-\$	0.01	-1.33%
RTSR - Network \$ 2.0243 RTSR - Connection and/or Line and \$ 0.8697 Transformation Connection \$ 0.8697 Sub-Total C - Delivery (including Sub- Total B)	0 0 9	0.49 0.21 3.17	\$			\$ \$	0.48	-\$	0.01	-1.33%
RTSR - Connection and/or Line and \$ 0.8697 Transformation Connection \$ 0.8697 Sub-Total B)	0 9	0.21 3.17	\$			\$				
Transformation Connection \$ 0.8697 Sub-Total C - Delivery (including Sub- Total B)	5	3.17		0.9532	0		0.23	\$	0.02	9.60%
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Total B) Number of the service Charge \$ 0.0044 Windesale Market Service Charge \$ 0.0013 Rural and Remote Rate Protection (RRRP) \$ 0.0013 Standard Supply Service Charge \$ 0.2500 Debt Retirement Charge (DRC) \$ 0.0070 Ontario Electricity Support Program (OESP) \$ 0.0070		-								
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(WMSC) \$ 0.0044 Rural and Remote Rate Protection (RRRP) \$ 0.0013 Standard Supply Service Charge \$ 0.2500 Debt Retirement Charge (DRC) \$ 0.0070 Ontario Electricity Support Program (OESP) \$ 0.0070	0 9		_					Ļ		
Rural and Remote Rate Protection (RRRP) \$ 0.0013 Standard Supply Service Charge \$ 0.2500 Debt Retirement Charge (DRC) \$ 0.0070 Ontario Electricity Support Program (OESP) \$ 0.0070		0.00	\$	0.0044	0	\$	0.00	\$	-	0.00%
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(OESP)	0	0.00						1		
			\$		0	\$	-	\$	-	
	0 5	0.02	¢	0.0906	0	¢	0.02	¢	0.00	-5.03%
	0	0.02	Ψ	0.0300	0	Ψ	0.02	-ψ	0.00	-5.05 /0
Total Bill on Average IESO Wholesale Market Price		3.45				\$	2.95		0.50	-14.56%
HST 13%		0.45		13%		\$ \$	0.38		0.07	-14.56%
Total Bill (including HST)		3.90		1370		\$	3.33		0.57	-14.56%
Ontario Clean Energy Benefit ¹								Ψ		14.0070
Total Bill on Average IESO Wholesale Market Price	¢	3.90				Ľ.	0.00	1	0.57	
	5	- - 3.90				\$	3.33	-5	0.57	-14.56%

Appendix 4 - 2014 RRWF



Data Input (1)

		Initial Application	(2)	Adjustments		Interrogatory Responses	(6)	Adjustments	Per Board Decision	
1	Rate Base									
	Gross Fixed Assets (average) Accumulated Depreciation (average) Allowance for Working Capital:	\$7,102,782 (\$2,255,831)	(5)	(\$29,873) \$208		\$ 7,072,909 (\$2,255,623)		(\$724,396) \$1,393	\$6,348,513 (\$2,254,230)	
	Controllable Expenses Cost of Power	\$1,126,665 \$15,927,063		- \$ \$502,191		\$		\$74,221	\$1,126,665 \$16,503,475	
	Working Capital Rate (%)	13.00%	(9)	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>		13.00%	(9)	ψ14,221	13.00%	(9)
2	Utility Income									
	Operating Revenues:	¢4 000 000				£4.047.044		\$7.055	64 054 000	
	Distribution Revenue at Current Rates Distribution Revenue at Proposed Rates Other Revenue:	\$1,363,660 \$1,329,732		\$297,948		\$1,347,014 \$1,627,680		\$7,355 (\$32,242)	\$1,354,369 \$1,595,438	
	Specific Service Charges	\$70,000		\$0		\$70,000		\$0	\$70,000	
	Late Payment Charges	\$30,000		\$0 \$0		\$30,000		\$0 \$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	
	Operating Expenses:									
	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									
3	Taxes/PILs Taxable Income:									
	Adjustments required to arrive at taxable income		(3)			(\$154,714)			(\$170,812)	
	Utility Income Taxes and Rates:									
	Income taxes (not grossed up)	\$15,447				\$15,547			\$14,702	
	Income taxes (grossed up)	\$18,280				\$18,399			\$17,399	
	Federal tax (%)	11.00%				11.00%			11.00%	
	Provincial tax (%)	4.50%				4.50%			4.50%	
	Income Tax Credits									
4	Capitalization/Cost of Capital Capital Structure:									
	Long-term debt Capitalization Ratio (%)	56.0%				56.0%			56.0%	
	Short-term debt Capitalization Ratio (%)	4.0%	(8)			4.0%	(8)		4.0%	(8)
	Common Equity Capitalization Ratio (%) Prefered Shares Capitalization Ratio (%)	40.0%				40.0%			40.0%	
	Prefered Shares Capitalization Ratio (%)	100.0%			-	100.0%			100.0%	
	Cost of Capital									
	Long-term debt Cost Rate (%)	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%	
	Prefered Shares Cost Rate (%)									
	Adjustment to Return on Rate Base associated		(11)				(11)			(11)
	with Deferred PP&E balance as a result of		(11)				(11)			(11)
	transition from CGAAP to MIFRS (\$)									

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.
 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 colimn M and Adjustments in column I (2) (3)

Net of addbacks and deductions to arrive at taxable income. Average of Gross Fixed Assets at beginning and end of the Test Year Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount. (4) (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 4.0% unless an Applicant has proposed or been approved for another amount. (7)

(8) (9) 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.

(10) 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.

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 (11) 2 Appendices to the Filing Requirements.



Rate Base and Working Capital

	Rate Base										
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	Total Rate Base	=	\$7,063,936	\$35,620	\$7,099,556	(\$713,354)	\$6,386,201				

Allowance for Working Capital - Derivation

(1)							1
6	Controllable Expenses Cost of Power		\$1,126,665 \$15,927,063	\$ -	\$1,126,665 \$16,429,254	\$ - \$74 331	\$1,126,665 \$16,503,475
8	Working Capital Base	·	\$17,053,728	\$502,191 \$502,191	\$17,555,919	<u>\$74,221</u> \$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 1 4 1 (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.



Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Operating Revenues: Distribution Revenue (at Proposed Rates)	\$1,329,732	\$297,948	\$1,627,680	(\$32,242)	\$1,595,438
2	Other Revenue	(1) \$157,139	\$ -	\$157,139	(\$17,000)	\$140,139
3	Total Operating Revenues	\$1,486,871	\$297,948	\$1,784,819	(\$49,242)	\$1,735,577
4 5 6 7 8	Operating Expenses: OM+A Expenses Depreciation/Amortization Property taxes Capital taxes Other expense	\$1,126,665 \$222,854 \$ - \$ - \$ - \$ -	\$ - (\$637) \$ - \$ - \$ - \$ -	\$1,126,665 \$222,217 \$-	\$ - (\$16,098) \$ - \$ - \$ -	\$1,126,665 \$206,119 \$-
9	Subtotal (lines 4 to 8)	\$1,349,519	(\$637)	\$1,348,882	(\$16,098)	\$1,332,784
9	Subtotal (intes 4 to 6)	\$1,5 4 5,515	(\$057)	φ1,3 4 0,002	(\$10,090)	φ1,552,764
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	(\$16,916)	\$256,498
14	Income taxes (grossed-up)	\$18,280	\$118	\$18,399	(\$1,000)	\$17,399
15	Utility net income	(\$49,756)	\$304,771	\$255,015	(\$15,916)	\$239,099
<u>Notes</u>	Other Revenues / Reve	nue Offsets				
(1)	Specific Service Charges Late Payment Charges Other Distribution Revenue Other Income and Deductions	\$70,000 \$30,000 \$32,139 \$25,000	\$ - \$ - \$ - \$ -	\$70,000 \$30,000 \$32,139 \$25,000	\$ - \$ - \$ - (\$17,000)	\$70,000 \$30,000 \$32,139 \$8,000
	Total Revenue Offsets	\$157,139	\$ -	\$157,139	(\$17,000)	\$140,139



Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
	Determination of Taxable Income			
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	\$253,737	\$100,302	\$68,287
	Calculation of Utility income Taxes			
4	Income taxes	\$15,447	\$15,547	\$14,702
6	Total taxes	\$15,447	\$15,547	\$14,702
7	Gross-up of Income Taxes	\$2,833	\$2,852	\$2,697
8	Grossed-up Income Taxes	\$18,280	\$18,399	\$17,399
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$18,280	\$18,399	\$17,399
10	Other tax Credits	\$ -	\$ -	\$ -
	Tax Rates			
11 12 13	Federal tax (%) Provincial tax (%) Total tax rate (%)	11.00% 4.50% 15.50%	11.00% 4.50% 15.50%	11.00% 4.50% 15.50%

Notes



Capitalization/Cost of Capital

Line No.	Particulars	Capitaliza	tion Ratio	Cost Rate	Return
		Initial Ap	plication		
		(%)	(\$)	(%)	(\$)
	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
			+ · , • • • ; • • •		
		I. 4	- D		
		Interrogator	y 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	I 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
			<u> </u>		

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 colimn M and Adjustments in column I



Revenue Deficiency/Sufficiency

		Initial Appli	cation	Interrogatory F	Responses	Per Board Decision			
Line No.	Particulars	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates		
1 2 3	Revenue Deficiency from Below Distribution Revenue Other Operating Revenue Offsets - net	\$1,363,660 \$157,139	\$297,828 \$1,031,905 \$157,139	\$1,347,014 \$157,139	\$280,667 \$1,347,013 \$157,139	\$1,354,369 \$140,139	\$236,196 \$1,359,242 \$140,139		
4	Total Revenue	\$1,520,799	\$1,486,871	\$1,504,153	\$1,784,819	\$1,494,508	\$1,735,577		
5 6 7	Operating Expenses Deemed Interest Expense Adjustment to Return on Rate	\$1,349,519 \$168,828 \$ - (2)	\$1,349,519 \$168,828 \$ -	\$1,348,882 \$162,523 \$ - (2)	\$1,348,882 \$162,523 \$ -	\$1,332,784 \$146,295 \$ - (2)	\$1,332,784 \$146,295 \$ -		
	Base associated with Deferred PP&E balance as a result of								
8	transition from CGAAP to MIFRS Total Cost and Expenses	\$1,518,347	\$1,518,347	\$1,511,405	\$1,511,405	\$1,479,079	\$1,479,079		
9	Utility Income Before Income Taxes	\$2,452	(\$31,476)	(\$7,252)	\$273,414	\$15,429	\$256,498		
10	Tax Adjustments to Accounting	\$ -	\$ -	(\$154,714)	(\$154,714)	(\$170,812)	(\$170,812)		
11	Income per 2013 PILs model Taxable Income	\$2,452	(\$31,476)	(\$161,966)	\$118,700	(\$155,383)	\$85,686		
12 13	Income Tax Rate	15.50% \$380	15.50% <mark>(\$4,879)</mark>	15.50% (\$25,105)	15.50% \$18,398	15.50% (\$24,084)	15.50% \$13,281		
14 15	Income Tax on Taxable Income Income Tax Credits Utility Net Income	\$ - \$2,072	\$ - (\$49,756)	\$ - \$17,853	\$ - \$255,015	\$ - \$39,514	\$ - \$239,099		
16	Utility Rate Base	\$7,063,936	\$7,063,936	\$7,099,556	\$7,099,556	\$6,386,201	\$6,386,201		
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 22	Indicated Rate of Return Requested Rate of Return on Rate Base	2.42% 5.98%	1.69% 5.98%	2.54% 5.88%	5.88% 5.88%	2.91% 6.03%	6.03% 6.03%		
23	Deficiency/Sufficiency in Rate of Return	-3.56%	-4.30%	-3.34%	0.00%	-3.13%	0.00%		
24 25 26	Target Return on Equity Revenue Deficiency/(Sufficiency) Gross Revenue Deficiency/(Sufficiency)	\$253,737 \$251,664 \$297,828 (1)	\$253,737 (<mark>\$303,493)</mark>	\$255,016 \$237,163 \$280,667 (1)	\$255,016 (<mark>\$1)</mark>	\$239,099 \$199,586 \$236,196 (1)	\$239,099 (<mark>\$0)</mark>		

Notes: (1) (2)

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



Revenue Requirement

Line No.	Particulars	Application		Interrogatory Responses		Per Board Decision	
1 2	OM&A Expenses Amortization/Depreciation	\$1,126,665 \$222,854 \$ -		\$1,126,665 \$222,217		\$1,126,665 \$206,119	
3 5 6	Property Taxes Income Taxes (Grossed up) Other Expenses	- ۵ \$18,280 \$ -		\$18,399		\$17,399	
7	Return Deemed Interest Expense Return on Deemed Equity Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS	\$168,828 \$253,737 \$-		\$162,523 \$255,016 		\$146,295 \$239,099 \$-	
8	Service Revenue Requirement (before Revenues)	\$1,790,364		\$1,784,820		\$1,735,577	
9 10	Revenue Offsets Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)	\$157,139 \$1,633,225		\$157,139 \$1,627,681		\$140,139 \$1,595,438	
11 12	Distribution revenue Other revenue	\$1,329,732 \$157,139		\$1,627,680 \$157,139		\$1,595,438 \$140,139	
13	Total revenue	\$1,486,871		\$1,784,819		\$1,735,577	
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	(\$303,493)	(1)	(\$1)_	(1)	<u>(\$0)</u> (1)	

<u>Notes</u> (1)

Line 11 - Line 8