

Exhibit 8:

Rate Design

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1 LIST OF ATTACHMENTS

- 2 8-A Board RTSR Model  
3 8-B Loss Factors, Board Appendix 2-R  
4 8-C Thunder Bay Hydro's 2016 Approved Tariff Sheets  
5 8-D Thunder Bay Hydro's 2017 Proposed Tariff Sheets  
6 8-E Bill Impacts Summary

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## 1 **8.1 DISTRIBUTION RATES**

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### 2 **8.1.1 OVERVIEW**

3 Thunder Bay Hydro has determined its 2017 Revenue Requirement to be \$25,243,527 with revenue  
 4 offsets of \$1,247,451 resulting in a Distribution Revenue Requirement of \$23,996,075, which is used to  
 5 determine the proposed distribution rates. The Base Revenue Requirement is derived from Thunder Bay  
 6 Hydro's 2017 capital and operating forecasts, weather normalized usage, forecasted customer counts  
 7 and regulated return on rate base. The requirement is summarized in Table 8-1 below.

8 **TABLE 8-1: THUNDER BAY HYDRO 2017 REVENUE REQUIREMENT**

Line No.	Description	Amount
1	OM&A Expenses	\$15,736,572
2	Amortization Expenses	\$3,587,237
3	Regulated Return On Capital	\$5,516,146
4	PILs	\$403,572
5	<b>Service Revenue Requirement</b>	<b>\$25,243,527</b>
6	Less Revenue Offsets	\$1,247,451
7	<b>Base Revenue Requirement</b>	<b>\$23,996,075</b>

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 10 The Base Revenue Requirement is allocated to the various rate classes as outlined in Exhibit 7. Table 8-  
 11 2 below outlines the allocation of the base revenue requirement to the rate classes.

12 **TABLE 8-2: THUNDER BAY HYDRO 2017 REVENUE REQUIREMENT BY RATE CLASS**

Line No.	Rate Class	2017 Proposed Base Revenue Requirement
1	Residential	\$14,008,168
2	General Service < 50 kW	\$4,214,694
3	General Service > 50 to 999 kW	\$3,388,597
4	General Service > 1000 kW	\$1,675,774
5	Large User	\$195,936
6	Street Lighting	\$419,931
7	Sentinel Lighting	\$19,348
8	Unmetered Scattered Load	\$73,626
9	<b>Total</b>	<b>\$23,996,075</b>

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## 1 **8.1.2 RATE DESIGN POLICY CONSULTATION**

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2 On April 3, 2014, the Ontario Energy Board (the "Board") released its "*Draft Report on Rate Design for*  
3 *Electricity Distributors*" EB-2012-0410) which proposed implementing a fixed monthly distribution charge.

4  
5 On April 2, 2015, the Board released its policy "*A New Distribution Rate Design for Residential Electricity*  
6 *Customers*" (the "Policy"), by which the Board decided that the distribution costs will be recovered from  
7 residential customers of a distributor through a fixed monthly service charge. The Board determined that  
8 the change will be implemented over a four year period to manage any customer bill impact. The  
9 approach to implementation of the policy, including mitigation expectations, was described in a letter from  
10 the Board published on July 16, 2015.

11  
12 Thunder Bay Hydro introduced the fixed monthly service charge in it last IRM application (EB-2015-0103)  
13 and did not require any rate mitigation action. Thunder Bay Hydro does not have any adjustments and is  
14 proposing to move to fully fixed rate for Residential customers to be completed over the remaining 3  
15 years. As such, Thunder Bay Hydro proposes to implement the second year of this policy. In proposing a  
16 transition to a fully fixed monthly service charge, Thunder Bay Hydro has followed the approach set out in  
17 Tab 12 of the Revenue Requirement Work Form ("RRWF"). Thunder Bay Hydro confirms that it does not  
18 have a seasonal residential class.

19 On March 31, 2016, the Board released its "*Staff Discussion Paper, Rate Design for Commercial and*  
20 *Industrial Electricity Customers: Aligning the Interests of Customers and Distributors*" EB-2015-0043)  
21 which outlined a series of options for the design of electricity distribution rates for commercial and  
22 industry customers. There have been no further releases pertaining to this issue from the Board at the  
23 time of filing this Application.

## 24 25 **8.1.3 FIXED \ VARIABLE PROPORTIONS**

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### 26 **CURRENT FIXED \ VARIABLE PROPORTION**

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29 Thunder Bay Hydro calculated the current fixed/variable proportions by applying the existing approved  
30 distribution rates to the 2017 Test Year load forecast. Thunder Bay Hydro notes the volumetric rates used  
31 to calculate these figures exclude any rate riders. Thunder Bay Hydro confirms that the monthly fixed  
32 charges are in two decimal places and variable charges are in four decimal places. Table 8-3 below  
33 outlines the current split between fixed and variable distribution revenue.

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**TABLE 8-3: CURRENT FIXED \ VARIABLE PROPORTIONS**

Line No.	Rate Class	2017 Fixed Base Revenue with 2016 Approved Rates	2017 Variable Base Revenue with 2016 Approved Rates exc. Transformer Allowance	2017 Total Base Revenue with 2016 Approved Rates - Excluding Transformer Allowance	Fixed Revenue Proportion	Variable Revenue Proportion
1	Residential	\$8,319,001	\$3,260,676	\$11,579,677	71.8%	28.2%
2	General Service < 50 kW	\$1,522,292	\$1,961,732	\$3,484,024	43.7%	56.3%
3	General Service > 50 to 999 kW	\$1,144,828	\$1,656,313	\$2,801,141	40.9%	59.1%
4	General Service > 1000 kW	\$733,014	\$652,243	\$1,385,257	52.9%	47.1%
5	Large User	\$35,066	\$126,902	\$161,968	21.7%	78.3%
6	Street Lighting	\$184,441	\$162,690	\$347,131	53.1%	46.9%
7	Sentinel Lighting	\$14,276	\$22,701	\$36,977	38.6%	61.4%
8	Unmetered Scattered Load	\$38,162	\$1,718	\$39,880	95.7%	4.3%
9	Total	<b>\$11,991,080</b>	<b>\$7,844,974</b>	<b>\$19,836,054</b>	<b>60.5%</b>	<b>39.5%</b>

**PROPOSED FIXED RATES**

Except for the Residential class, Thunder Bay Hydro proposes to maintain the fixed/variable proportions assumed in the current rates to design the proposed monthly service charges as detailed in Table 8-4 below. This proposal is consistent with the Board's Decision in the following cases:

- a) Centre Wellington Hydro Ltd. - 2013 Cost of Service Rate (EB-2012-0113);
- b) Atikokan Hydro Inc. - 2012 Cost of Service Rate (EB-2011-0293);
- c) Espanola Regional Hydro Distribution Corporation - 2012 Cost of Service Rate (EB-2011-0319);
- d) Horizon Utilities Corporation - 2011 Cost of Service Application (EB-2010-0131);
- e) Hydro One Brampton Networks Inc. - 2011 Cost of Service Application (EB-2010-0132);
- f) Kenora Hydro Electric Corporation Ltd. - 2011 Cost of Service Application (EB-2010-0135); and.
- g) In Horizon Utilities Corporation's ("Horizon") decision on their 2015 rates (EB-2014-0002) the Board approved Horizon's proposal to maintain the fixed/variable split. The following outlines the Board's findings with regards to proposed fixed/variable split.

*The Board accepts Horizon's proposal. While the Board's current policy direction is to move toward an increased fixed charge, this consideration was not the sole basis upon which the Board*

1           reached its Decision. The Settlement Agreement contains a re-opener provision which would  
 2           address any policy change related to an increased fixed charge.

3           A fixed/variable split above the ceiling was approved in Horizon's last cost of service proceeding.  
 4           In this application, Horizon has maintained the fixed/variable split.

5           The Board notes that a principle of rate design is that in most circumstances rate stability is  
 6           desirable. Counter-direction in rates can be confusing to ratepayers. Horizon has chosen to  
 7           maintain a fixed/variable split that moves above the ceiling. Intervenors argue that this is contrary  
 8           to the Board's report in EB-2007-0667.

9           **TABLE 8-4: PROPOSED FIXED CHARGE BY RATE CLASS**

Line No.	Rate Class	Total Base Revenue Requirement	Fixed Revenue Proportion	Fixed Revenue	Annualized Customers / Connections	Proposed Monthly Service Charge
1	Residential	\$14,008,168	81.2%	\$11,375,852	545,866	\$20.84
2	General Service < 50 kW	\$4,214,694	43.7%	\$1,841,547	56,090	\$32.83
3	General Service > 50 to 999 kW	\$3,400,688	40.9%	\$1,389,863	5,605	\$247.95
4	General Service > 1000 kW	\$1,662,384	52.9%	\$879,657	251	\$3,506.77
5	Large User	\$265,843	21.7%	\$57,555	12	\$4,796.27
6	Street Lighting	\$351,323	53.1%	\$186,668	159,001	\$1.17
7	Sentinel Lighting	\$19,348	89.3%	\$17,270	2,051	\$8.42
8	Unmetered Scattered Load	\$73,626	62.7%	\$46,165	5,413	\$8.53
9	Total	<b>\$23,996,075</b>		<b>\$15,794,578</b>	<b>768,876</b>	

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 13           For comparison purposes, the following Table 8-5 provides the current and proposed monthly service  
 14           charge by rate class as well as monthly service charge information from the cost allocation model.

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1 **TABLE 8-5: MONTHLY SERVICE CHARGE COMPARISON**  
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Line No.	Rate Class	Current 2016 Monthly Service Charge	Proposed 2017 Monthly Service Charge	Minimum System with PLCC Adjustment (Ceiling Fixed Charge From Cost Allocation Model)
1	Residential	\$15.24	\$20.84	\$16.24
2	General Service < 50 kW	\$27.14	\$32.83	\$26.79
3	General Service > 50 to 999 kW	\$204.24	\$247.95	\$99.13
4	General Service > 1000 kW	\$2,922.18	\$3,506.77	\$369.57
5	Large User	\$2,922.18	\$4,796.27	\$513.30
6	Street Lighting	\$1.16	\$1.17	\$5.62
7	Sentinel Lighting	\$6.96	\$8.42	\$10.14
8	Unmetered Scattered Load	\$7.05	\$8.53	\$7.78

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 6 **PROPOSED VARIABLE RATES**

 7 The variable distribution charge is calculated by dividing the variable distribution portion of the base  
 8 revenue requirement by the appropriate 2017 Test Year usage, kWh or kW, as the class charge  
 9 determinant.

 10  
 11 The following table provides Thunder Bay Hydro's calculations of its proposed variable distribution  
 12 charges for the 2017 Test Year which maintains the same fixed/variable split used in designing the  
 13 current approved rates.

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1 **TABLE 8-6: PROPOSED VARIABLE CHARGE BY RATE CLASS**

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Line No.	Rate Class	Total Base Revenue Requirement	Variable Revenue Proportion	Variable Revenue	Annualized kWh or kW as required	Unit of Measure	Proposed Distribution Volumetric Charge before Transformer Allowance
1	Residential	\$14,008,168	18.8%	\$2,632,317	336,152,125	kWh	\$0.0078
2	General Service < 50 kW	\$4,214,694	56.3%	\$2,373,146	140,123,695	kWh	\$0.0169
3	General Service > 50 to 999 kW	\$3,400,688	59.1%	\$2,010,824	660,386	kW	\$3.0449
4	General Service > 1000 kW	\$1,662,384	47.1%	\$782,727	378,529	kW	\$2.0678
5	Large User	\$265,843	78.3%	\$208,288	74,268	kW	\$2.8045
6	Street Lighting	\$351,323	46.9%	\$164,655	23,236	kW	\$7.0863
7	Sentinel Lighting	\$19,348	10.7%	\$2,078	308	kW	\$6.7548
8	Unmetered Scattered Load	\$73,626	37.3%	\$27,461	2,203,935	kWh	\$0.0125
9	<b>Total</b>	<b>\$23,996,075</b>		<b>\$8,201,497</b>			

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 4 **Proposed Adjustment for Transformer Allowance**

5 Currently, Thunder Bay Hydro provides a Transformer Allowance to those customers that own their  
 6 transformation facilities. Thunder Bay Hydro proposes to maintain the current approved transformer  
 7 ownership allowance of \$0.60 per kW. However, in order to ensure Thunder Bay Hydro collects the  
 8 proposed distribution revenue assigned to the rate class, which provides a Transformer Allowance, the  
 9 total amount or “cost” of the Transformer Allowance for the rate class needs to be collected in the  
 10 distribution volumetric rates from all customers in the class. This will allow Thunder Bay Hydro to collect  
 11 distribution revenue from the rate class at the “gross” level. Then provide a Transformer Allowance which  
 12 will reduce the gross distribution revenue to a “net” level. The net level amount will be equivalent to the  
 13 proposed distribution assigned to the rate class

14 As a result, the amount of Transformer Allowance expected to be provided to those General Service 50 to  
 15 999 kW and General Service 1000 to 4999 kW customers that own their transformers is included in the  
 16 volumetric charge for the class. The proposed “net” volumetric charge of \$3.0449 per kW for the General  
 17 Service 50 to 999 kW class is increased by \$0.0912 per kW to include \$60,227 or the “cost” of the  
 18 Transformer Allowance in the General Service 50 to 999 kW class volumetric charges. This means the  
 19 “gross” proposed distribution volumetric charge for this class will be \$3.1361. Similarly the volumetric  
 20 charge for General Service 1000 to 4999 kW class will increase from \$2.0678 per kW to \$2.6534 per kW  
 21 to recover \$221,666 or the “cost” of Transformer Allowance for this class.

22 With regards to the Large User class, the Transformer Allowance is proposed to be eliminated since the  
 23 above approach for one customer that owns their transformation facilities did not appear reasonable.

1 **8.1.4 PROPOSED DISTRIBUTION RATE**

2 Table 8-7 below presents Thunder Bay Hydro's proposed 2017 Distribution rates by rate class, including  
 3 adjustments for the recovery of transformer ownership allowance.

4 **TABLE 8-7: THUNDER BAY HYDRO PROPOSED DISTRIBUTION RATES**

Line No.	Rate Class	Proposed Monthly Service Charge	Unit	Proposed Distribution Volumetric Charge incl Transformer Allowance Adjustment
1	Residential	\$20.84	kWh	\$0.0078
2	General Service < 50 kW	\$32.83	kWh	\$0.0169
3	General Service > 50 to 999 kW	\$247.95	kW	\$3.1361
4	General Service > 1000 kW	\$3,506.77	kW	\$2.6534
5	Large User	\$4,796.27	kW	\$2.8045
6	Street Lighting	\$1.17	kW	\$7.0863
7	Sentinel Lighting	\$8.42	kW	\$6.7548
8	Unmetered Scattered Load	\$8.53	kWh	\$0.0125
9	Transformer Discount			(\$0.60)

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## 1 **8.1 SMART METER ENTITY CHARGE**

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2 On March 28, 2013, the Board issued a Decision and Order (EB-2012-0100/EB-2012- 0211) establishing  
3 a Smart Metering charge of \$0.79 per month for Residential and General Service < 50kW customers  
4 effective May 1, 2013. Thunder Bay Hydro has reflected this charge in this Application. The Smart  
5 Metering Charge is currently in effect until October 31, 2018 subject to change through a Board Decision  
6 and Order.

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8 Thunder Bay Hydro proposes to continue to utilize the previously approved 0.79 /month / customer rate  
9 unless otherwise directed by the Board, until October 31, 2018.

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1 **8.2 MONTHLY BILLING**

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2 Thunder Bay Hydro confirms that it will have transitioned to monthly billing on or before December 31,  
3 2016.

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1 **8.3 LOW VOLTAGE SERVICE RATES**

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2 Thunder Bay Hydro does not have nor incur any Low Voltage Charges.

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## 8.4 RETAIL TRANSMISSION SERVICE RATES

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In preparing this Application, Thunder Bay Hydro has followed the Board's Guideline G – 2008-0001: Electricity Distribution Retail Transmission Service Rates ("RTSRs"), Revision 1.0 dated July 22, 2009. Thunder Bay Hydro has utilized the most recent version of the Board's RSTR Work Form (V 1.1, issued July 11, 2016) for the development of the proposed rates, which has been filed in live excel, and also included as Attachment 8-A to this Exhibit.

### 8.4.1 OVERVIEW

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Electricity distributors are charged the Ontario Uniform Transmission Rates ("UTRs") at the wholesale level and subsequently pass these charges on to their distribution customers through Retail Transmission Service Rates. For each distribution rate class there are two RTSRs, one for network and one for connection. The RTSR network charge recovers the UTR wholesale network service charge, and the RTSR connection charge recovers the UTR wholesale line and transformation connection charges.

Variance accounts are used to capture timing differences and differences in the rate that a distributor pays for wholesale transmission service compared to the retail rate that the distributor is authorized to charge when billing its customers. Thunder Bay Hydro is charged for transmission services provided in a given month in the following month. By the time Thunder Bay Hydro bills the end-use customer, more than two additional months could have passed since Thunder Bay Hydro received an invoice for transmission services. As a result, deferral accounts (1584 - Network and 1586 - connection) are used to track the timing difference between when Thunder Bay Hydro pays for the transmission service charges and when it receives payment of the corresponding retail transmission service charges from customers.

The Board decides on Hydro One's transmission rates and on modifications to UTRs and RTSR's.

### 8.4.2 2016 APPROVED RSTR RATES AND 2017 PROPOSED RSTR RATES

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The trend indicates that the current rates result in over-collection of transmission charges for both Network Service and Connection Service. This conclusion is consistent with the accumulation of credit balances in deferral accounts 1584 RSVN (Network) and 1586 RSVACN (Connection) during the last year period.

Accordingly, Thunder Bay Hydro proposes to adjust its RTSRs to offset the over-collection bias in its existing rates. Applicable RTSR information is consistent with working capital allowance as provided by the Board. There are no further changes proposed, however, note that Thunder Bay Hydro is proposing to add a new Large User rate class (see Exhibit 7). As such, Thunder Bay Hydro has included this rate class in the Board's RSTR Work Form Worksheet ("2. Rate Classes"). Accordingly, Worksheet 4. RRR

1 Data now includes the Large User rate class with the relevant 2015 volume and have removed this same  
 2 volume from GS 1,000 to 4,999 kW rate class for the one customer who will be moving into the Large  
 3 User Class. This will ensure the proper calculation to be made in the Board model for 2017 proposed  
 4 rates.

5  
 6 Table 8-8 and 8-9 below presents Thunder Bay Hydro's current and proposed transmission network and  
 7 connection rates respectively.

8  
 9 **TABLE 8-8: THUNDER BAY HYDRO CURRENT AND PROPOSED RTSR NETWORK RATES**

Line No.	Rate Class	Unit	Current Network Charge	Proposed Network Charge
1	Residential	kWh	\$0.0061	\$0.0048
2	General Service < 50 kW	kWh	\$0.0058	\$0.0046
3	General Service > 50 to 999 kW	kW	\$2.2754	\$1.8045
4	General Service > 50 to 999 kW - Interval Metered	kW	\$2.4136	\$1.9141
5	General Service > 1000 kW	kW	\$2.4136	\$1.9141
6	Large User	kW	\$2.4136	\$1.9141
7	Street Lighting	kW	\$1.7159	\$1.3608
8	Sentinel Lighting	kW	\$1.7248	\$1.3679
9	Unmetered Scattered Load	kWh	\$0.0058	\$0.0046

10  
 11 **TABLE 8-9: THUNDER BAY HYDRO CURRENT AND PROPOSED RTSR CONNECTION RATES**

Line No.	Rate Class	Unit	Current Connection Charge	Proposed Connection Charge
1	Residential	kWh	\$0.0046	\$0.0036
2	General Service < 50 kW	kWh	\$0.0042	\$0.0033
3	General Service > 50 to 999 kW	kW	\$1.6275	\$1.2638
4	General Service > 50 to 999 kW - Interval Metered	kW	\$1.7988	\$1.3969
5	General Service > 1000 kW	kW	\$1.7988	\$1.3969
6	Large User	kW	\$1.7988	\$1.3969
7	Street Lighting	kW	\$1.2581	\$0.9770
8	Sentinel Lighting	kW	\$1.2845	\$0.9975
9	Unmetered Scattered Load	kWh	\$0.0042	\$0.0033

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## 8.5 REGULATORY CHARGES

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### 8.5.1 WHOLESALE MARKET SERVICE RATE

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The Wholesale Market Service Rate (“WMS”) is designed to allow distributors to recover costs charged by the Independent Electricity Service Operator (“IESO”) for the operation of the IESO administered markets and the operation of the IESO controlled grid. The WMS Rate is an energy based rate (per kWh) and is set by the Board on a generic basis.

On November 19, 2015, the Board issued a Decision and Rate Order (EB- 2015-0294) establishing that the WMSR rate used by rate regulated distributors to bill their customers shall be \$0.0036 per kilowatt hour effective January 1, 2016. Included in this \$0.0036/kWh rate is a \$.0004 per kilowatt hour rate for a new charge, “Capacity-Based Demand Response Program (“CBDR”), designed to recover costs associated with contracted demand response providers active in the wholesale energy market.

Accordingly, Thunder Bay Hydro proposes to continue to utilize the previously approved \$.0036/kWh rate unless otherwise directed by the Board.

### 8.5.2 RURAL OR REMOTE ELECTRICITY RATE PROTECTION CHARGE

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On November 19, 2015, the Board issued a Decision and Rate Order (EB- 2015-0294) establishing that the Rural or Remote Electricity Rate Protection (“RRRP”) charge used by rate regulated distributors to bill their customers shall be \$0.0013 per kilowatt hour effective January 1, 2016.

Accordingly, Thunder Bay Hydro proposes to continue to utilize the previously approved \$.0013/kWh rate unless otherwise directed by the Board.

### 8.5.3 ONTARIO ENERGY SUPPORT PROGRAM

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The Ontario Energy Support Program (“OESP”) rate is designed to allow distributors to recover costs charged by the IESO for OESP program costs. The OESP rate is an energy based rate (per kWh) and is set by the Board on a generic basis.

On November 19, 2015, the Board issued a Decision and Rate Order (EB- 2015-0294) establishing that the OESP charge used by rate regulated distributors to bill their customers shall be \$0.0011 per kilowatt hour effective January 1, 2016.

1 **8.5.4 TOTAL WMS CHARGE**

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3 Consistent with the current rate order, Thunder Bay Hydro proposes to continue to utilize the total  
4 combined WMS approved rate of \$0.0036 or combined approved rate of \$.0060, which includes RRRP  
5 and OESP charges.

6 **8.5.5 STANDARD SUPPLY SERVICE – ADMINISTRATIVE CHARGE**

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7 Thunder Bay Hydro proposes to continue to utilize the previously approved \$.25/ customer rate unless  
8 otherwise directed by the Board.

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## 1 **8.6 MICRO FIT**

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2 Thunder Bay Hydro's current MicroFIT monthly service charge of \$5.40 was most recently confirmed by  
3 the Board on December 17, 2015.

4  
5 Thunder Bay Hydro understands that the Board will issue a generic MicroFIT charge based on  
6 information compiled from MicroFIT Charge Worksheet in the cost allocation models filed by distributors.

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8 Thunder Bay Hydro proposes to continue the \$5.40 MicroFIT fixed charge until updated by the Board.  
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## 1 **8.7 TRANSFORMER OWNERSHIP ALLOWANCE**

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2 Thunder Bay provides a transformer ownership allowance to those customers who own their own  
3 transformation facilities. The transformer ownership allowance is intended to reflect the costs to a  
4 distributor of providing 'step down' transformation facilities to the customers' utilization voltage level.  
5 Since the distributor provides electricity at utilization voltage, the cost of transformation is reflected in  
6 distribution rates for rate classes GS > 50-999 kW and GS > 1000 kW. Therefore, when a customer  
7 provides its own transformation it is appropriate that the customer receive a credit for transformation costs  
8 already included in rates.

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10 As discussed in section 8.1.3 above, Thunder Bay Hydro proposes to continue the currently approved  
11 transformer ownership allowance credit of (\$.60) per kW of demand billed

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1 **8.8 SPECIFIC SERVICE CHARGES**

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2 **8.8.1 OVERVIEW**

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3 Thunder Bay Hydro is proposing to maintain its Specific Service Charges ("SSC") as approved by the  
4 Board in its Decision and Order in Thunder Bay Hydro's 2016 Distribution Rate application (Board File  
5 No. EB-2015-0103).

6 Thunder Bay Hydro confirms that revenue from SSC's corresponds with operating revenue evidence.

7 **8.8.2 DETAILS OF PROPOSED CHANGES**

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8 As indicated above, Thunder Bay Hydro does not propose any changes to specific service charges.

9 **8.8.3 CONDITION OF SERVICE**

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10 Thunder Bay Hydro does not have any rates and charges in its Conditions of Service that do not appear  
11 on its Tariff sheet.

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## 8.9 RETAIL SERVICE CHARGES

Thunder Bay Hydro maintains Retail Service Cost Variance Accounts (“RCVAs”) to record the differences between retail service charge revenues and the direct incremental cost of providing these services.

Thunder Bay Hydro requests no changes to its existing Retail Service Charges, which are consistent with the Board’s standard rates. Table 8-10 below presents the proposed Retail Service Charges for this Application.

**TABLE 8-10: PROPOSED RETAIL SERVICE CHARGE**

Line	Description	Unit	Amount
1	One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
2	Monthly Fixed Charge, per retailer	\$	20.00
3	Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
4	Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
5	Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
6	Service Transaction Requests (STR)		
7	Request fee, per request, applied to the requesting party	\$	0.25
8	Processing fee, per request, applied to the requesting party	\$	0.50
9	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		
10	Up to twice a year	\$	no charge
11	More than twice a year, per request (plus incremental delivery costs)	\$	2.00

Further details of the RCVA account balances and disposition are included in Exhibit 9.

## 8.10 LOSS ADJUSTMENT FACTORS

### 8.10.1 OVERVIEW

Thunder Bay Hydro is not a host utility or an embedded distributor within HONI's distribution system and confirms that no partially embedded distributor status exists. As a market participant, Thunder Bay Hydro's electricity commodity charge is billed by the IESO.

Thunder Bay Hydro has not been required by previous Board decisions to present details of loss studies.

### 8.10.2 CALCULATION OF LOSSES

Thunder Bay Hydro has calculated the total loss factor to be applied to customers' consumption based on the average wholesale and retail kWh for the years 2011 to 2015. The calculations are summarized in Table 8-11 below, which is also consistent with Appendix 2-R included in Attachment 8-B.

**TABLE 8-11: CALCULATION OF THUNDER BAY HYDRO'S LOSS FACTORS**

Line No			Historical Years					5-Year Average
			2011	2012	2013	2014	2015	
1		<b>Losses Within Distributor's System</b>						
2	A(1)	"Wholesale" kWh delivered to distributor (higher value)	996,079,734	987,455,833	1,001,934,686	1,002,261,340	976,172,477	992,780,814
3	A(2)	"Wholesale" kWh delivered to distributor (lower value)	991,445,327	982,419,688	997,113,842	997,719,889	971,956,909	988,131,131
4	B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)						-
5	C	Net "Wholesale" kWh delivered to distributor = A(2) - B	991,445,327	982,419,688	997,113,842	997,719,889	971,956,909	988,131,131
6	D	"Retail" kWh delivered by distributor	957,941,351	950,013,126	963,120,843	965,070,093	938,758,818	954,980,846
7	E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)						-
8	F	Net "Retail" kWh delivered by distributor = D - E	957,941,351	950,013,126	963,120,843	965,070,093	938,758,818	954,980,846
9	G	Loss Factor in Distributor's system = C / F	1.0350	1.0341	1.0353	1.0338	1.0354	1.0347
10		<b>Losses Upstream of</b>						
11	H	Supply Facilities Loss Factor	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045
12		<b>Total Losses</b>						
13	I	Total Loss Factor = G x H	1.0396	1.0388	1.0400	1.0385	1.0400	1.0394

Thunder Bay Hydro has three meter points directly connected to the IESO transmission grid. As Thunder Bay Hydro is directly connected to the IESO-controlled grid, the factor of 1.0045 as provided by the Board has been used in the table above.

Thunder Bay Hydro has calculated the total loss factor to be applied to customers' consumption based on the average wholesale and retail kWh for the years 2011 to 2015. Accordingly, Thunder Bay Hydro

1 proposes to set the 2017 Total Loss Factor at 1.347, as it represents the 5 year average from 2011 to  
 2 2015. Losses are standard; as such no further explanation of SFLF is required.

3  
 4 Table 8-12 below, sets out the class-specific Loss Factors proposed by Thunder Bay Hydro in the  
 5 calculation of commodity and other non-distribution charges for the 2016 Test Year.

6  
 7 **TABLE 8-12: PROPOSED LOSS FACTORS**  
 8

Line No.	Loss Factors	
1	Supply Facilities Loss Factor (5 year average)	1.0045
2		
3	Distribution Loss Factor - Secondary Metered Customers < 5,000 kW	1.0347
4	Distribution Loss Factor - Primary Metered Customers < 5,000 kW	1.0244
5		
6	Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0394
7	Total Loss Factor - Primary Metered Customer < 5,000 kW	1.029

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 10

11 **8.10.3 MATERIALITY ANALYSIS ON DISTRIBUTION LOSSES**

12 Thunder Bay Hydro has proposed a loss factor lower than 5%. Pursuant to the Filing Requirement's, as  
 13 the Distribution Loss Adjustment factor is less than 5%, no further explanation or details of actions taken  
 14 to reduce losses are necessary.

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## 8.11 TARIFF OF RATES AND CHARGES

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The current Tariff of Rates and Charges is reflective of the current Board Approved IRM Rate Order issued on March 18, 2016 in EB-2015-0103 and is included in Attachment 8-C of this Exhibit.

Thunder Bay Hydro is proposing 2017 Tariff of Rate and Charges consistent with the current definition of rate classes and the current terms and Conditions of Service that have been maintained in this Application. Thunder Bay Hydro has included its 2017 proposed Tariff sheet in Attachment 8-D of this Exhibit and filed a live excel model of the Board's "Tariff Schedule & Bill Impacts Model".

Thunder Bay Hydro confirms that there are no changes to terms and conditions of service. Thunder Bay Hydro confirms that rates and charges input into the Tariff Schedule and Bill Impact Model have been rounded to the decimal places as shown on the existing tariff.

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## 8.12 REVENUE RECONCILIATION

Consistent with the Board's Revenue Requirement Work Form, Sheet 13, Table 8-13 below provides reconciliation between the revenue based on the 2017 Proposed Distribution Rates and the total Base Revenue Requirement. Thunder Bay Hydro confirms that the rates and charges have been rounded to the same decimal places as the tariff.

**TABLE 8-13: REVENUE RECONCILIATION**

Line No.	Rate Class	Average Numbers of Customer / Connections	Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Difference
			kWh	kW	Monthly Service Charge	\$ /kWh	\$ /kW			
1	Residential	45,489	336,152,125		\$20.84	\$0.0078		\$14,008,168	\$13,998,753	\$9,416
2	General Service < 50 kW	4,674	140,123,695		\$32.83	\$0.0169		\$4,214,694	\$4,209,536	\$5,157
3	General Service > 50 to 999 kW	467	264,244,674	660,386	\$247.95		\$3.0449	\$3,388,597	\$3,400,644	(\$12,047)
4	General Service > 1000 kW	21	133,371,195	378,529	\$3,506.77		\$2.0678	\$1,675,774	\$1,662,378	\$13,396
5	Large User	1	36,734,784	74,268	\$4,796.27		\$2.8045	\$195,936	\$265,840	(\$69,904)
6	Street Lighting	13,250	8,166,036	23,236	\$1.17		\$7.0863	\$419,931	\$350,687	\$69,245
7	Sentinel Lighting	171	112,765	308	\$8.42		\$6.7548	\$19,348	\$19,349	(\$1)
8	Unmetered Scattered Load	451	2,203,935		\$8.53	\$0.0125		\$73,626	\$73,722	(\$96)
9	<b>Total</b>	<b>64,524</b>	<b>921,109,210</b>	<b>1,136,726</b>				<b>\$23,996,075</b>	<b>\$23,980,909</b>	<b>\$15,166</b>

## 8.13 BILL IMPACTS

Table 8-14 below presents a summary of Thunder Bay Hydro's bill impacts. Thunder Bay Hydro does not have any unique consumption and demand patterns, as such requires no further explanations. Thunder Bay Hydro confirms that the rate and charges input into the Tariff Schedule and Bill Impacts model is rounded to the decimal places as shown on the existing and proposed Tariff of Rates and Charges. Thunder Bay Hydro confirms that it has used 750 kWh in the residential consumption, the lower 10<sup>th</sup> percentile of 253 kWh residential consumption and 2,000 kWh consumption in the GS<50 rate class for the purposes of calculating bill impacts.

**TABLE 8-14: PROPOSED BILL IMPACTS**

Line No.	Description	OEB Approved	Proposed	Impact \$	Impact %
1	RESIDENTIAL SERVICE CLASSIFICATION - RPP	\$138.04	\$140.21	\$2.17	1.57%
2	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	\$374.79	\$383.23	\$8.44	2.25%
3	GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	\$8,171.30	\$8,090.92	(\$80.37)	(0.98%)
4	GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	\$94,126.59	\$92,900.49	(\$1,226.10)	(1.30%)
5	LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	\$496,241.70	\$492,618.11	(\$3,623.58)	(0.73%)
6	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	\$77.28	\$77.75	\$0.47	0.61%
7	SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	\$25.23	\$27.33	\$2.10	8.34%
8	STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	\$21.20	\$19.09	(\$2.11)	(9.96%)
9	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	\$16,417.59	\$16,716.70	\$299.11	1.82%
10	STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	\$140,597.96	\$138,093.75	(\$2,504.22)	(1.78%)
11	RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	\$139.17	\$143.29	\$4.12	2.96%
12	SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	\$128.06	\$135.55	\$7.49	5.85%
13	RESIDENTIAL SERVICE CLASSIFICATION - RPP	\$58.76	\$64.14	\$5.38	9.16%
14	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	\$386.63	\$391.91	\$5.28	1.37%

The bill impacts summarized above and in the Board's Tariff Schedule and Bill Impacts Model include impacts related to distribution rate increase and deferral and variance account disposition rate riders as discussed in Exhibit 9. A copy of the Board's Bill Impacts can be found in Attachment 8-E.

Thunder Bay Hydro notes that many proposed bill impacts are decreasing, and that no discrete customer group exceeds the 10% threshold. Accordingly, Thunder Bay Hydro submits the bill impacts of its proposed 2017 distribution rates are reasonable and do not require rate mitigation.

## 8.14 RATE MITIGATION

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### 8.14.1 MONTHLY SERVICE CHARGE

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Thunder Bay Hydro confirms that the monthly service charge would not rise by more than \$4 per year due to the rate design change and that the total bill impact has not exceeded 10% (see Table 8-15 below).

Thunder Bay Hydro's submits that due to the limited magnitude of total bill increases, no rate smoothing or rate mitigation is required.

**TABLE 8-15: IMPACT OF RATE DESIGN CHANGE**

Line No.	Rate Class	Test Year Base Rates @ Current F/V Split	Final Adjusted Base Rates	Impact \$
1	Residential	\$18.44	\$20.84	\$2.40

### 8.14.2 RESIDENTIAL CUSTOMER AT 10<sup>TH</sup> PERCENTILE

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In accordance with section 2.8.12 of the Filing Requirements for Electricity Distribution Rate Applications - 2016 Edition for 2017 Rate Applications – issued July 14, 2016 ("*Filing Instructions*"), Thunder Bay Hydro has assessed the 10<sup>th</sup> consumption percentile within its Residential class.

Thunder Bay Hydro extracted residential consumption data from its information system for the 2015 calendar year for all customers with a full year of data. Customers with 12 months of data were used to calculate a seasonally normalized average consumption. Thunder Bay Hydro sorted the data set of 40,687 records in ascending order based on average monthly consumption per customer. The 10<sup>th</sup> consumption percentile of this data set was 253 kWh and was found on the 4,072<sup>nd</sup> entry.

The total bill impact calculated for this sub-group is below the 10% threshold. Accordingly, no mitigation is required.

### 8.14.3 MITIGATION PLAN APPROACHES

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Thunder Bay Hydro confirms that no mitigation plan is necessary, as there is no total bill increase for any customer class that is greater than 10%.

### 8.14.4 RATE HARMONIZATION

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Thunder Bay Hydro confirms that rate harmonization is not applicable.

# **ATTACHMENT 8 – A**

Board RSTR Model



# 2017 RTSR Workform for Electricity Distributors

Drop-down lists are shaded blue; Input cells are shaded green.

Utility Name	Thunder Bay Hydro Electricity Distribution Inc.
Service Territory	Thunder Bay and Fort William First Nation
Assigned EB Number	EB-2016-0105
Name and Title	Cindy Speziale, VP Finance
Phone Number	807-343-1118
Email Address	cspeziale@tbhydro.on.ca
Date	26/08/2016
Last COS Re-based Year	2013

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

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



# 2017 RTSR Workform for Electricity Distributors

[1. Info](#)

[2. Table of Contents](#)

[3. Rate Classes](#)

[4. RRR Data](#)

[5. UTRs and Sub-Transmission](#)

[6. Historical Wholesale](#)

[7. Current Wholesale](#)

[8. Forecast Wholesale](#)

[9. RTSR Rates to Forecast](#)

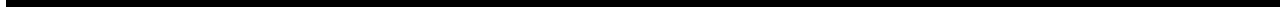




# 2017 RTSR Workform for Electricity Distributors

1. Select the appropriate rate classes that appear on your most recent Board-Approved Tariff of Rates and Charges.
2. Enter the RTS Network and Connection Rate as it appears on the Tariff of Rates and Charges

Rate Class	Unit	RTSR- Network	RTSR- Connection
Residential	kWh	0.0061	0.0046
General Service Less Than 50 kW	kWh	0.0058	0.0042
General Service 50 to 999 kW	kW	2.2754	1.6275
General Service 50 to 999 kW - Interval Metered	kW	2.4136	1.7988
General Service 1,000 to 4,999 kW	kW	2.4136	1.7988
Unmetered Scattered Load	kWh	0.0058	0.0042
Sentinel Lighting	kW	1.7248	1.2845
Street Lighting	kW	1.7159	1.2581
Large Use	kW	2.4136	1.7988
Choose Rate Class			
Choose Rate Class			
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# 2017 RTSR Workform for Electricity Distributors

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor <i>eg: (1.0325)</i>	Loss Adjusted Billed kWh
Residential	RTSR - Network	kWh	0.0061	326,028,975	0	1.0342	337,179,166
Residential	RTSR - Connection	kWh	0.0046	326,028,975	0	1.0342	337,179,166
General Service Less Than 50 kW	RTSR - Network	kWh	0.0058	137,277,269	0	1.0342	141,972,152
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0042	137,277,269	0	1.0342	141,972,152
General Service 50 to 999 kW	RTSR - Network	kW	2.2754	266,437,938	686,988		
General Service 50 to 999 kW	RTSR - Connection	kW	1.6275	266,437,938	686,988		
General Service 50 to 999 kW - Interval Metered	RTSR - Network	kW	2.4136	266,437,938	686,988		
General Service 50 to 999 kW - Interval Metered	RTSR - Connection	kW	1.7988	266,437,938	686,988		
General Service 1,000 to 4,999 kW	RTSR - Network	kW	2.4136	159,116,210	458,345		
General Service 1,000 to 4,999 kW	RTSR - Connection	kW	1.7988	159,116,210	458,345		
Unmetered Scattered Load	RTSR - Network	kWh	0.0058	2,203,133	0	1.0342	2,278,480
Unmetered Scattered Load	RTSR - Connection	kWh	0.0042	2,203,133	0	1.0342	2,278,480
Sentinel Lighting	RTSR - Network	kW	1.7248	112,347	308	1.0342	
Sentinel Lighting	RTSR - Connection	kW	1.2845	112,347	308	1.0342	
Street Lighting	RTSR - Network	kW	1.7159	9,533,361	27,044	1.0342	
Street Lighting	RTSR - Connection	kW	1.2581	9,533,361	27,044	1.0342	
Large Use	RTSR - Network	kW	2.4136	36,734,784	83,443		
Large Use	RTSR - Connection	kW	1.7988	36,734,784	83,443		



## 2017 RTSR Workform for Electricity Distributors

Uniform Transmission Rates		Unit	2015		2016	2017
Rate Description			Rate		Rate	Rate
Network Service Rate	kW	\$	3.78		\$ 3.66	\$ 3.66
Line Connection Service Rate	kW	\$	0.86		\$ 0.87	\$ 0.87
Transformation Connection Service Rate	kW	\$	2.00		\$ 2.02	\$ 2.02

Hydro One Sub-Transmission Rates		Unit	2015 - 2016		2016	2017
Rate Description			Jan - April 2015	May 2015 - Jan 2016	Feb - Dec 2016	Rate
Network Service Rate	kW	\$	3.23	\$ 3.4121	\$ 3.3396	\$ 3.3396
Line Connection Service Rate	kW	\$	0.65	\$ 0.7879	\$ 0.7791	\$ 0.7791
Transformation Connection Service Rate	kW	\$	1.62	\$ 1.8018	\$ 1.7713	\$ 1.7713
Both Line and Transformation Connection Service Rate	kW	\$	2.27	\$ 2.5897	\$ 2.5504	\$ 2.5504

If needed, add extra host here. (I)		Unit	2015		2016	2017
Rate Description			Rate		Rate	Rate
Network Service Rate	kW					
Line Connection Service Rate	kW					
Transformation Connection Service Rate	kW					
Both Line and Transformation Connection Service Rate	kW	\$	-		\$ -	\$ -

If needed, add extra host here. (II)		Unit	Effective January 1, 2014		Effective January 1, 2015	Effective January 1, 2016
Rate Description			Rate		Rate	Rate
Network Service Rate	kW					
Line Connection Service Rate	kW					
Transformation Connection Service Rate	kW					
Both Line and Transformation Connection Service Rate	kW	\$	-		\$ -	\$ -

Low Voltage Switchgear Credit (if applicable, enter as a negative value)		\$	Historical 2015	Current 2016	Forecast 2017



# 2017 RTSR Workform for Electricity Distributors

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "4. RRR Data". For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the line connection and transformer connection columns are completed.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	178,516	\$3.78	\$ 674,790	79,197	\$0.86	\$ 68,109	180,184	\$2.00	\$ 360,368	\$ 428,477
February	161,303	\$3.78	\$ 609,725	72,711	\$0.86	\$ 62,531	166,871	\$2.00	\$ 333,742	\$ 396,273
March	148,914	\$3.78	\$ 562,895	68,328	\$0.86	\$ 58,762	154,265	\$2.00	\$ 308,530	\$ 367,292
April	119,915	\$3.78	\$ 453,279	58,222	\$0.86	\$ 50,071	132,782	\$2.00	\$ 265,564	\$ 315,635
May	111,517	\$3.78	\$ 421,534	55,147	\$0.86	\$ 47,426	131,500	\$2.00	\$ 263,000	\$ 310,426
June	120,677	\$3.78	\$ 456,159	57,617	\$0.86	\$ 49,551	139,157	\$2.00	\$ 278,314	\$ 327,865
July	119,831	\$3.78	\$ 452,961	62,699	\$0.86	\$ 53,921	143,314	\$2.00	\$ 286,628	\$ 340,549
August	127,441	\$3.78	\$ 481,727	67,193	\$0.86	\$ 57,786	152,359	\$2.00	\$ 304,718	\$ 362,504
September	131,405	\$3.78	\$ 496,711	57,320	\$0.86	\$ 49,295	151,461	\$2.00	\$ 302,922	\$ 352,217
October	123,164	\$3.78	\$ 465,560	56,340	\$0.86	\$ 48,452	136,323	\$2.00	\$ 272,646	\$ 321,098
November	136,382	\$3.78	\$ 515,524	64,169	\$0.86	\$ 55,185	146,001	\$2.00	\$ 292,002	\$ 347,187
December	139,390	\$3.78	\$ 526,894	69,550	\$0.86	\$ 59,813	156,753	\$2.00	\$ 313,506	\$ 373,319
<b>Total</b>	1,618,455	\$ 3.78	\$ 6,117,760	768,493	\$ 0.86	\$ 660,904	1,790,970	\$ 2.00	\$ 3,581,940	\$ 4,242,844

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.00			\$0.00			\$0.00		\$ -
February		\$0.00			\$0.00			\$0.00		\$ -
March		\$0.00			\$0.00			\$0.00		\$ -
April		\$0.00			\$0.00			\$0.00		\$ -
May		\$0.00			\$0.00			\$0.00		\$ -
June		\$0.00			\$0.00			\$0.00		\$ -
July		\$0.00			\$0.00			\$0.00		\$ -
August		\$0.00			\$0.00			\$0.00		\$ -
September		\$0.00			\$0.00			\$0.00		\$ -
October		\$0.00			\$0.00			\$0.00		\$ -
November		\$0.00			\$0.00			\$0.00		\$ -
December		\$0.00			\$0.00			\$0.00		\$ -
<b>Total</b>	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (I) (if needed)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.00			\$0.00			\$0.00		\$ -
February		\$0.00			\$0.00			\$0.00		\$ -
March		\$0.00			\$0.00			\$0.00		\$ -
April		\$0.00			\$0.00			\$0.00		\$ -
May		\$0.00			\$0.00			\$0.00		\$ -
June		\$0.00			\$0.00			\$0.00		\$ -
July		\$0.00			\$0.00			\$0.00		\$ -
August		\$0.00			\$0.00			\$0.00		\$ -
September		\$0.00			\$0.00			\$0.00		\$ -
October		\$0.00			\$0.00			\$0.00		\$ -
November		\$0.00			\$0.00			\$0.00		\$ -
December		\$0.00			\$0.00			\$0.00		\$ -
<b>Total</b>		- \$	- \$		- \$	- \$		- \$	- \$	\$ -

Add Extra Host Here (II) (if needed)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.00			\$0.00			\$0.00		\$ -
February		\$0.00			\$0.00			\$0.00		\$ -
March		\$0.00			\$0.00			\$0.00		\$ -
April		\$0.00			\$0.00			\$0.00		\$ -
May		\$0.00			\$0.00			\$0.00		\$ -
June		\$0.00			\$0.00			\$0.00		\$ -
July		\$0.00			\$0.00			\$0.00		\$ -
August		\$0.00			\$0.00			\$0.00		\$ -
September		\$0.00			\$0.00			\$0.00		\$ -
October		\$0.00			\$0.00			\$0.00		\$ -
November		\$0.00			\$0.00			\$0.00		\$ -
December		\$0.00			\$0.00			\$0.00		\$ -
<b>Total</b>		- \$	- \$		- \$	- \$		- \$	- \$	\$ -

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	178,516	\$3.78	\$ 674,790	79,197	\$0.86	\$ 68,109	180,184	\$2.00	\$ 360,368	\$ 428,477
February	161,303	\$3.78	\$ 609,725	72,711	\$0.86	\$ 62,531	166,871	\$2.00	\$ 333,742	\$ 396,273
March	148,914	\$3.78	\$ 562,895	68,328	\$0.86	\$ 58,762	154,265	\$2.00	\$ 308,530	\$ 367,292
April	119,915	\$3.78	\$ 453,279	58,222	\$0.86	\$ 50,071	132,782	\$2.00	\$ 265,564	\$ 315,635
May	111,517	\$3.78	\$ 421,534	55,147	\$0.86	\$ 47,426	131,500	\$2.00	\$ 263,000	\$ 310,426
June	120,677	\$3.78	\$ 456,159	57,617	\$0.86	\$ 49,551	139,157	\$2.00	\$ 278,314	\$ 327,865
July	119,831	\$3.78	\$ 452,961	62,699	\$0.86	\$ 53,921	143,314	\$2.00	\$ 286,628	\$ 340,549
August	127,441	\$3.78	\$ 481,727	67,193	\$0.86	\$ 57,786	152,359	\$2.00	\$ 304,718	\$ 362,504
September	131,405	\$3.78	\$ 496,711	57,320	\$0.86	\$ 49,295	151,461	\$2.00	\$ 302,922	\$ 352,217
October	123,164	\$3.78	\$ 465,560	56,340	\$0.86	\$ 48,452	136,323	\$2.00	\$ 272,646	\$ 321,098
November	136,382	\$3.78	\$ 515,524	64,169	\$0.86	\$ 55,185	146,001	\$2.00	\$ 292,002	\$ 347,187
December	139,390	\$3.78	\$ 526,894	69,550	\$0.86	\$ 59,813	156,753	\$2.00	\$ 313,506	\$ 373,319
<b>Total</b>	1,618,455	\$ 3.78	\$ 6,117,760	768,493	\$ 0.86	\$ 660,904	1,790,970	\$ 2.00	\$ 3,581,940	\$ 4,242,844

Low Voltage Switchgear Credit (if applicable) \$ -

**Total including deduction for Low Voltage Switchgear Credit** \$ 4,242,844



# 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2016 Uniform Transmission Rates are applied against historical 2015 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	178,516	\$ 3.6600	\$ 653,369	79,197	\$ 0.8700	\$ 68,901	180,184	\$ 2.0200	\$ 363,972	\$ 432,873
February	161,303	\$ 3.6600	\$ 590,369	72,711	\$ 0.8700	\$ 63,259	166,871	\$ 2.0200	\$ 337,079	\$ 400,338
March	148,914	\$ 3.6600	\$ 545,025	68,328	\$ 0.8700	\$ 59,445	154,265	\$ 2.0200	\$ 311,615	\$ 371,061
April	119,915	\$ 3.6600	\$ 438,889	58,222	\$ 0.8700	\$ 50,653	132,782	\$ 2.0200	\$ 268,220	\$ 318,873
May	111,517	\$ 3.6600	\$ 408,152	55,147	\$ 0.8700	\$ 47,978	131,500	\$ 2.0200	\$ 265,630	\$ 313,608
June	120,677	\$ 3.6600	\$ 441,678	57,617	\$ 0.8700	\$ 50,127	139,157	\$ 2.0200	\$ 281,097	\$ 331,224
July	119,831	\$ 3.6600	\$ 438,581	62,699	\$ 0.8700	\$ 54,548	143,314	\$ 2.0200	\$ 289,494	\$ 344,042
August	127,441	\$ 3.6600	\$ 466,434	67,193	\$ 0.8700	\$ 58,458	152,359	\$ 2.0200	\$ 307,765	\$ 366,223
September	131,405	\$ 3.6600	\$ 480,942	57,320	\$ 0.8700	\$ 49,868	151,461	\$ 2.0200	\$ 305,951	\$ 355,820
October	123,164	\$ 3.6600	\$ 450,780	56,340	\$ 0.8700	\$ 49,016	136,323	\$ 2.0200	\$ 275,372	\$ 324,388
November	136,382	\$ 3.6600	\$ 499,158	64,169	\$ 0.8700	\$ 55,827	146,001	\$ 2.0200	\$ 294,922	\$ 350,749
December	139,390	\$ 3.6600	\$ 510,167	69,550	\$ 0.8700	\$ 60,509	156,753	\$ 2.0200	\$ 316,641	\$ 377,150
<b>Total</b>	1,618,455	\$ 3.66	\$ 5,923,545	768,493	\$ 0.87	\$ 668,589	1,790,970	\$ 2.02	\$ 3,617,759	\$ 4,286,348

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.4121	\$ -	-	\$ 0.7879	\$ -	-	\$ 1.8018	\$ -	\$ -
February	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
March	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
April	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
May	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
June	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
July	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
August	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
September	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
October	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
November	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
December	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
<b>Total</b>	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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

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

Total	Network			Line Connection			Transformation Connection			Total Line							
	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount						
January	178,516	\$3.66	\$	653,369	79,197	\$0.87	\$	68,901	180,184	\$2.02	\$	363,972	\$	432,873			
February	161,303	\$3.66	\$	590,369	72,711	\$0.87	\$	63,259	166,871	\$2.02	\$	337,079	\$	400,338			
March	148,914	\$3.66	\$	545,025	68,328	\$0.87	\$	59,445	154,265	\$2.02	\$	311,615	\$	371,061			
April	119,915	\$3.66	\$	438,889	58,222	\$0.87	\$	50,653	132,782	\$2.02	\$	268,220	\$	318,873			
May	111,517	\$3.66	\$	408,152	55,147	\$0.87	\$	47,978	131,500	\$2.02	\$	265,630	\$	313,608			
June	120,677	\$3.66	\$	441,678	57,617	\$0.87	\$	50,127	139,157	\$2.02	\$	281,097	\$	331,224			
July	119,831	\$3.66	\$	438,581	62,699	\$0.87	\$	54,548	143,314	\$2.02	\$	289,494	\$	344,042			
August	127,441	\$3.66	\$	466,434	67,193	\$0.87	\$	58,458	152,359	\$2.02	\$	307,765	\$	366,223			
September	131,405	\$3.66	\$	480,942	57,320	\$0.87	\$	49,868	151,461	\$2.02	\$	305,951	\$	355,820			
October	123,164	\$3.66	\$	450,780	56,340	\$0.87	\$	49,016	136,323	\$2.02	\$	275,372	\$	324,388			
November	136,382	\$3.66	\$	499,158	64,169	\$0.87	\$	55,827	146,001	\$2.02	\$	294,922	\$	350,749			
December	139,390	\$3.66	\$	510,167	69,550	\$0.87	\$	60,509	156,753	\$2.02	\$	316,641	\$	377,150			
<b>Total</b>	1,618,455	\$	3.66	\$	5,923,545	768,493	\$	0.87	\$	668,589	1,790,970	\$	2.02	\$	3,617,759	\$	4,286,348

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 4,286,348



# 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2017 Uniform Transmission Rates are applied against historical 2015 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	178,516	\$ 3.6600	\$ 653,369	79,197	\$ 0.8700	\$ 68,901	180,184	\$ 2.0200	\$ 363,972	\$ 432,873
February	161,303	\$ 3.6600	\$ 590,369	72,711	\$ 0.8700	\$ 63,259	166,871	\$ 2.0200	\$ 337,079	\$ 400,338
March	148,914	\$ 3.6600	\$ 545,025	68,328	\$ 0.8700	\$ 59,445	154,265	\$ 2.0200	\$ 311,615	\$ 371,061
April	119,915	\$ 3.6600	\$ 438,889	58,222	\$ 0.8700	\$ 50,653	132,782	\$ 2.0200	\$ 268,220	\$ 318,873
May	111,517	\$ 3.6600	\$ 408,152	55,147	\$ 0.8700	\$ 47,978	131,500	\$ 2.0200	\$ 265,630	\$ 313,608
June	120,677	\$ 3.6600	\$ 441,678	57,617	\$ 0.8700	\$ 50,127	139,157	\$ 2.0200	\$ 281,097	\$ 331,224
July	119,831	\$ 3.6600	\$ 438,581	62,699	\$ 0.8700	\$ 54,548	143,314	\$ 2.0200	\$ 289,494	\$ 344,042
August	127,441	\$ 3.6600	\$ 466,434	67,193	\$ 0.8700	\$ 58,458	152,359	\$ 2.0200	\$ 307,765	\$ 366,223
September	131,405	\$ 3.6600	\$ 480,942	57,320	\$ 0.8700	\$ 49,868	151,461	\$ 2.0200	\$ 305,951	\$ 355,820
October	123,164	\$ 3.6600	\$ 450,780	56,340	\$ 0.8700	\$ 49,016	136,323	\$ 2.0200	\$ 275,372	\$ 324,388
November	136,382	\$ 3.6600	\$ 499,158	64,169	\$ 0.8700	\$ 55,827	146,001	\$ 2.0200	\$ 294,922	\$ 350,749
December	139,390	\$ 3.6600	\$ 510,167	69,550	\$ 0.8700	\$ 60,509	156,753	\$ 2.0200	\$ 316,641	\$ 377,150
<b>Total</b>	1,618,455	\$ 3.66	\$ 5,923,545	768,493	\$ 0.87	\$ 668,589	1,790,970	\$ 2.02	\$ 3,617,759	\$ 4,286,348

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
February	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
March	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
April	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
May	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
June	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
July	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
August	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
September	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
October	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
November	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
December	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
<b>Total</b>	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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

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

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	178,516	\$ 3.66	653,369	79,197	\$ 0.87	68,901	180,184	\$ 2.02	363,972	\$ 432,873
February	161,303	\$ 3.66	590,369	72,711	\$ 0.87	63,259	166,871	\$ 2.02	337,079	\$ 400,338
March	148,914	\$ 3.66	545,025	68,328	\$ 0.87	59,445	154,265	\$ 2.02	311,615	\$ 371,061
April	119,915	\$ 3.66	438,889	58,222	\$ 0.87	50,653	132,782	\$ 2.02	268,220	\$ 318,873
May	111,517	\$ 3.66	408,152	55,147	\$ 0.87	47,978	131,500	\$ 2.02	265,630	\$ 313,608
June	120,677	\$ 3.66	441,678	57,617	\$ 0.87	50,127	139,157	\$ 2.02	281,097	\$ 331,224
July	119,831	\$ 3.66	438,581	62,699	\$ 0.87	54,548	143,314	\$ 2.02	289,494	\$ 344,042
August	127,441	\$ 3.66	466,434	67,193	\$ 0.87	58,458	152,359	\$ 2.02	307,765	\$ 366,223
September	131,405	\$ 3.66	480,942	57,320	\$ 0.87	49,868	151,461	\$ 2.02	305,951	\$ 355,820
October	123,164	\$ 3.66	450,780	56,340	\$ 0.87	49,016	136,323	\$ 2.02	275,372	\$ 324,388
November	136,382	\$ 3.66	499,158	64,169	\$ 0.87	55,827	146,001	\$ 2.02	294,922	\$ 350,749
December	139,390	\$ 3.66	510,167	69,550	\$ 0.87	60,509	156,753	\$ 2.02	316,641	\$ 377,150
<b>Total</b>	1,618,455	\$ 3.66	\$ 5,923,545	788,493	\$ 0.87	\$ 668,589	1,790,970	\$ 2.02	\$ 3,617,759	\$ 4,286,348

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 4,286,348



# 2017 RTSR Workform for Electricity Distributors

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential	RTSR - Network	kWh	0.0061	337,179,166	0	2,056,793	27.5%	1,631,138	0.0048
General Service Less Than 50 kW	RTSR - Network	kWh	0.0058	141,972,152	0	823,438	11.0%	653,027	0.0046
General Service 50 to 999 kW	RTSR - Network	kW	2.2754		686,988	1,563,173	20.9%	1,239,673	1.8045
General Service 50 to 999 kW - Interval Metered	RTSR - Network	kW	2.4136		686,988	1,658,114	22.2%	1,314,966	1.9141
General Service 1,000 to 4,999 kW	RTSR - Network	kW	2.4136		458,345	1,106,261	14.8%	877,320	1.9141
Unmetered Scattered Load	RTSR - Network	kWh	0.0058	2,278,480	0	13,215	0.2%	10,480	0.0046
Sentinel Lighting	RTSR - Network	kW	1.7248		308	531	0.0%	421	1.3679
Street Lighting	RTSR - Network	kW	1.7159		27,044	46,405	0.6%	36,801	1.3608
Large Use	RTSR - Network	kW	2.4136		83,443	201,398	2.7%	159,719	1.9141

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

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential	RTSR - Connection	kWh	0.0046	337,179,166	0	1,551,024	28.1%	1,204,457	0.0036
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0042	141,972,152	0	596,283	10.8%	463,047	0.0033
General Service 50 to 999 kW	RTSR - Connection	kW	1.6275		686,988	1,118,073	20.3%	868,246	1.2638
General Service 50 to 999 kW - Interval Metered	RTSR - Connection	kW	1.7988		686,988	1,235,754	22.4%	959,632	1.3969
General Service 1,000 to 4,999 kW	RTSR - Connection	kW	1.7988		458,345	824,471	14.9%	640,248	1.3969
Unmetered Scattered Load	RTSR - Connection	kWh	0.0042	2,278,480	0	9,570	0.2%	7,431	0.0033
Sentinel Lighting	RTSR - Connection	kW	1.2845		308	396	0.0%	307	0.9975
Street Lighting	RTSR - Connection	kW	1.2581		27,044	34,024	0.6%	26,422	0.9770
Large Use	RTSR - Connection	kW	1.7988		83,443	150,097	2.7%	116,559	1.3969

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential	RTSR - Network	kWh	0.0048	337,179,166	0	1,631,138	27.5%	1,631,138	0.0048
General Service Less Than 50 kW	RTSR - Network	kWh	0.0046	141,972,152	0	653,027	11.0%	653,027	0.0046
General Service 50 to 999 kW	RTSR - Network	kW	1.8045		686,988	1,239,673	20.9%	1,239,673	1.8045
General Service 50 to 999 kW - Interval Metered	RTSR - Network	kW	1.9141		686,988	1,314,966	22.2%	1,314,966	1.9141
General Service 1,000 to 4,999 kW	RTSR - Network	kW	1.9141		458,345	877,320	14.8%	877,320	1.9141
Unmetered Scattered Load	RTSR - Network	kWh	0.0046	2,278,480	0	10,480	0.2%	10,480	0.0046
Sentinel Lighting	RTSR - Network	kW	1.3679		308	421	0.0%	421	1.3679
Street Lighting	RTSR - Network	kW	1.3608		27,044	36,801	0.6%	36,801	1.3608
Large Use	RTSR - Network	kW	1.9141		83,443	159,719	2.7%	159,719	1.9141

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Connection
Residential	RTSR - Connection	kWh	0.0036	337,179,166	0	1,204,457	28.1%	1,204,457	0.0036
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0033	141,972,152	0	463,047	10.8%	463,047	0.0033
General Service 50 to 999 kW	RTSR - Connection	kW	1.2638		686,988	868,246	20.3%	868,246	1.2638
General Service 50 to 999 kW - Interval Metered	RTSR - Connection	kW	1.3969		686,988	959,632	22.4%	959,632	1.3969
General Service 1,000 to 4,999 kW	RTSR - Connection	kW	1.3969		458,345	640,248	14.9%	640,248	1.3969
Unmetered Scattered Load	RTSR - Connection	kWh	0.0033	2,278,480	0	7,431	0.2%	7,431	0.0033
Sentinel Lighting	RTSR - Connection	kW	0.9975		308	307	0.0%	307	0.9975
Street Lighting	RTSR - Connection	kW	0.9770		27,044	26,422	0.6%	26,422	0.9770
Large Use	RTSR - Connection	kW	1.3969		83,443	116,559	2.7%	116,559	1.3969

# **ATTACHMENT 8 – B**

Loss Factors

Board Appendix 2-R

File Number: EB-2016-0105

Exhibit: 8

Tab:

Attachment: 8-B

Page:

Date: 09-Sep-16

## Appendix 2-R Loss Factors

This needs to be zoomed in to see 2013 and 2014

	Historical Years					5-Year Average	
	2011	2012	2013	2014	2015		
<b>Losses Within Distributor's System</b>							
<b>A(1)</b>	"Wholesale" kWh delivered to distributor (higher value)	996,079,734	987,455,833	1,001,934,686	1,002,261,340	976,172,477	992,780,814
<b>A(2)</b>	"Wholesale" kWh delivered to distributor (lower value)	991,445,327	982,419,688	997,113,842	997,719,889	971,956,909	988,131,131
<b>B</b>	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)						-
<b>C</b>	Net "Wholesale" kWh delivered to distributor = <b>A(2) - B</b>	991,445,327	982,419,688	997,113,842	997,719,889	971,956,909	988,131,131
<b>D</b>	"Retail" kWh delivered by distributor	957,941,351	950,013,126	963,120,843	965,070,093	938,758,818	954,980,846
<b>E</b>	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)						-
<b>F</b>	Net "Retail" kWh delivered by distributor = <b>D - E</b>	957,941,351	950,013,126	963,120,843	965,070,093	938,758,818	954,980,846
<b>G</b>	Loss Factor in Distributor's system = <b>C / F</b>	1.0350	1.0341	1.0353	1.0338	1.0354	1.0347
<b>Losses Upstream of Distributor's System</b>							
<b>H</b>	Supply Facilities Loss Factor	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045
<b>Total Losses</b>							
<b>I</b>	Total Loss Factor = <b>G x H</b>	1.0396	1.0388	1.0400	1.0385	1.0400	1.0394

# **ATTACHMENT 8 – C**

Thunder Bay Hydro's

2016 Approved Tariff Sheets

# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadraplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the License of the Distributor and any Code or Order of the 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 License 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	\$	15.24
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0097
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0037
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046

### 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

# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### 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 License 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)

##### 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)

##### 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)

##### 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)

# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### 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)



# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. This class includes small commercial services such as small stores, small service stations, restaurants, churches, small offices and other establishments with similar loads. 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	\$	27.14
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0140
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0037
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042

#### 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

# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. This class includes medium and large-size commercial buildings, apartment buildings, condominiums, trailer courts, industrial plants, as well as large stores, shopping centers, hospitals, manufacturing or processing plants, garages, storage buildings, hotels, motels, schools, colleges, arenas and other comparable premises. 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 1,000 kW non-interval metered

General Service 50 to 1,000 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	\$	204.24
Distribution Volumetric Rate	\$/kW	2.5993
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	(0.4008)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kW	1.4976
Retail Transmission Rate - Network Service Rate	\$/kW	2.2754
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6275
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.4136
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.7988

### 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

# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O.Reg.429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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	\$	2,922.18
Distribution Volumetric Rate	\$/kW	2.3087
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	(0.3724)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only to Class B, Non-RPP customers who are not Wholesale Market Participants	\$/kW	1.2859
Retail Transmission Rate - Network Service Rate	\$/kW	2.4136
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7988

#### 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

# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, private sentinel lighting etc. The customer will provide detailed manufacturing information/documentation with regard to electrical demand/ consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the 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)	\$	7.05
Distribution Volumetric Rate	\$/kWh	0.0103
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0037
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042

### 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

# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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)	\$	6.96
Distribution Volumetric Rate	\$/kW	5.5838
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	(0.5377)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7248
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2845

#### 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

# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photocells. The consumption for these customers will be based on the calculated load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the 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)	\$	1.16
Distribution Volumetric Rate	\$/kW	7.0017
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	(0.3631)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP Customers	\$/kW	1.3076
Retail Transmission Rate - Network Service Rate	\$/kW	1.7159
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2581

### 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

# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### 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.

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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# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### ALLOWANCES

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

### SPECIFIC SERVICE CHARGES

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

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

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

#### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Returned cheque (plus bank charges)	\$	25.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

#### Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00

#### Other

Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35



# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0103

### 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	1.0342
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0239

# **ATTACHMENT 8 – D**

Thunder Bay Hydro's

2017 Proposed Tariff Sheets

# TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0105

## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. 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	\$	20.84	A
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79	B
Distribution Volumetric Rate	\$/kWh	0.0078	A
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	-0.0024	B
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 only for Non-RPP Customers	\$/kWh	0.0023	B
Rate Rider for Disposition of Gr 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$	0.2339	A
Rate Rider for Disposition of IFRS Transitional PP&E Account (2017) - effective until April 30, 2018	\$	0.3769	A
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kWh	-0.0001	A
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0048	C
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	C

### MONTHLY RATES AND CHARGES - Regulatory Component

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

# 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

## 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)

### 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)

### 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)

### 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)

### 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:  
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) T

**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) T

**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) T

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. This class includes small commercial services such as small stores, small service stations, restaurants, churches, small offices and other establishments with similar loads. 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	\$	32.83
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0169
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	-0.0019
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018	Applicable	\$/kWh
only for Non-RPP Customers		0.0023
Rate Rider for Disposition of IFRS Transitional PP&E Account (2017) - effective until April 30, 2018	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033

### 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

## GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. This class includes medium and large-size commercial buildings, apartment buildings, condominiums, trailer courts, industrial plants, as well as large stores, shopping centers, hospitals, manufacturing or processing plants, garages, storage buildings, hotels, motels, schools, colleges, arenas and other comparable premises. 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 1,000 kW non-interval metered

General Service 50 to 1,000 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	\$	247.95	A
Distribution Volumetric Rate	\$/kW	3.1361	A
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	-0.7879	B
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0023	B
Rate Rider for Disposition of IFRS Transitional PP&E Account (2017) - effective until April 30, 2018	\$/kW	0.2449	A
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kW	0.0189	A
Retail Transmission Rate - Network Service Rate	\$/kW	1.8045	C
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2638	C
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	1.9141	C
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.3969	C

### MONTHLY RATES AND CHARGES - Regulatory Component

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

## GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O.Reg.429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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	\$	3,506.77	A
Distribution Volumetric Rate	\$/kW	2.6534	A
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	-0.6690	B
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only to Class B, Non-RPP customers who are not Wholesale Market Participants	\$/kWh	0.0023	B
Rate Rider for Disposition of IFRS Transitional PP&E Account (2017) - effective until April 30, 2018	\$/kW	0.2156	A
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kW	-0.0140	A
Retail Transmission Rate - Network Service Rate	\$/kW	1.9141	C
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3969	C

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036	T
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013	T
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011	T
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.2500	T



## LARGE USE 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 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the 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	\$	4796.27	A
Distribution Volumetric Rate	\$/kW	2.8045	A
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	-1.1100	B
Rate Rider for Disposition of IFRS Transitional PP&E Account (2017) - effective until April 30, 2018	\$/kW	0.3027	A
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kW	-0.0096	A
Retail Transmission Rate - Network Service Rate	\$/kW	1.9141	C
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3969	C

### MONTHLY RATES AND CHARGES - Regulatory Component

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

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, private sentinel lighting etc. The customer will provide detailed manufacturing information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the 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)	\$	8.53	A
Distribution Volumetric Rate	\$/kWh	0.0125	A
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	-0.0019	B
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0023	B
Rate Rider for Disposition of IFRS Transitional PP&E Account (2017) - effective until April 30, 2018	\$/kWh	0.0006	A
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kWh	-0.0003	A
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	C
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033	C

### MONTHLY RATES AND CHARGES - Regulatory Component

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

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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)	\$	8.42	A
Distribution Volumetric Rate	\$/kW	6.7548	A
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	-0.7120	B
Rate Rider for Disposition of IFRS Transitional PP&E Account (2017) - effective until April 30, 2018	\$/kW	0.2243	A
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kW	-0.1776	A
Retail Transmission Rate - Network Service Rate	\$/kW	1.3679	C
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9975	C

### MONTHLY RATES AND CHARGES - Regulatory Component

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

## STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photocells. The consumption for these customers will be based on the calculated load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the 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)	\$	1.17	A
Distribution Volumetric Rate	\$/kW	7.0863	A
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	-0.5411	B
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0023	B
Rate Rider for Disposition of IFRS Transitional PP&E Account (2017) - effective until April 30, 2018	\$/kW	0.2151	A
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kW	-0.1778	A
Retail Transmission Rate - Network Service Rate	\$/kW	1.3608	C
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9770	C

### MONTHLY RATES AND CHARGES - Regulatory Component

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

## 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.

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	A
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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)	T

### 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
Easement letter	\$	15.00
Account history	\$	15.00
Returned cheque (plus bank charges)	\$	25.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

## Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00

## Other

Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35

## 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	1.0347
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0239

# **ATTACHMENT 8 – E**

Bill Impacts Summary







Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 15.24	1	\$ 15.24	\$ 20.84	1	\$ 20.84	\$ 5.60	36.75%
Distribution Volumetric Rate	\$ 0.0097	750	\$ 7.28	\$ 0.0078	750	\$ 5.85	\$ (1.43)	-19.59%
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.61	1	\$ 0.61	\$ 0.61	
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0001	750	\$ (0.08)	\$ (0.08)	
<b>Sub-Total A (excluding pass through)</b>			\$ 22.52			\$ 27.23	\$ 4.71	20.92%
Line Losses on Cost of Power	\$ 0.1114	26	\$ 2.86	\$ 0.1114	26	\$ 2.90	\$ 0.04	1.46%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	750	\$ (0.75)	\$ 0.0024	750	\$ (1.80)	\$ (1.05)	140.00%
GA Rate Riders				\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ -	750	\$ -		750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 25.41			\$ 29.11	\$ 3.70	14.57%
RTSR - Network	\$ 0.0061	776	\$ 4.73	\$ 0.0048	776	\$ 3.72	\$ (1.01)	-21.27%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0046	776	\$ 3.57	\$ 0.0036	776	\$ 2.79	\$ (0.77)	-21.70%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 33.71			\$ 35.63	\$ 1.92	5.70%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	776	\$ 2.79	\$ 0.0036	776	\$ 2.79	\$ 0.00	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	776	\$ 1.01	\$ 0.0013	776	\$ 1.01	\$ 0.00	0.05%
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	776	\$ 0.85	\$ 0.0011	776	\$ 0.85	\$ -	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>			\$ 122.16			\$ 124.08	\$ 1.92	1.57%
HST		13%	\$ 15.88	13%		\$ 16.13	\$ 0.25	1.57%
<b>Total Bill on TOU</b>			\$ 138.04			\$ 140.21	\$ 2.17	1.57%

Customer Class:	<b>GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.14	1	\$ 27.14	\$ 32.83	1	\$ 32.83	\$ 5.69	20.97%
Distribution Volumetric Rate	\$ 0.0140	2000	\$ 28.00	\$ 0.0169	2000	\$ 33.80	\$ 5.80	20.71%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0011	2000	\$ 2.20	\$ 2.20	-
<b>Sub-Total A (excluding pass through)</b>			\$ 55.14			\$ 68.83	\$ 13.69	24.83%
Line Losses on Cost of Power	\$ 0.1114	68	\$ 7.62	\$ 0.1114	69	\$ 7.73	\$ 0.11	1.46%
Total Deferral/Variance Account Rate Riders	-\$ 0.0010	2,000	\$ (2.00)	-\$ 0.0020	2,000	\$ (4.00)	\$ (2.00)	100.00%
GA Rate Riders				\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	2,000	\$ -		2,000	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 61.55			\$ 73.35	\$ 11.80	19.17%
RTSR - Network	\$ 0.0058	2,068	\$ 12.00	\$ 0.0046	2,069	\$ 9.52	\$ (2.48)	-20.65%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0042	2,068	\$ 8.69	\$ 0.0033	2,069	\$ 6.83	\$ (1.86)	-21.39%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 82.23			\$ 89.70	\$ 7.47	9.08%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,068	\$ 7.45	\$ 0.0036	2,069	\$ 7.45	\$ 0.00	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,068	\$ 2.69	\$ 0.0013	2,069	\$ 2.69	\$ 0.00	0.05%
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	2,069	\$ 2.28	\$ 0.0011	2,069	\$ 2.28	\$ -	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>			\$ 331.67			\$ 339.15	\$ 7.47	2.25%
HST		13%	\$ 43.12		13%	\$ 44.09	\$ 0.97	2.25%
<b>Total Bill on TOU</b>			\$ 374.79			\$ 383.23	\$ 8.44	2.25%

Customer Class:	GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	47,142	kWh
Demand	118	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 204.24	1	\$ 204.24	\$ 247.95	1	\$ 247.95	\$ 43.71	21.40%
Distribution Volumetric Rate	\$ 2.5993	117.81	\$ 306.22	\$ 3.1361	117.81	\$ 369.46	\$ 63.24	20.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	117.81	\$ -	\$ 0.2638	117.81	\$ 31.08	\$ 31.08	
<b>Sub-Total A (excluding pass through)</b>			\$ 510.46			\$ 648.49	\$ 138.03	27.04%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 1.0968	118	\$ 129.21	\$ 0.7879	118	\$ (92.82)	\$ (222.04)	-171.84%
GA Rate Riders				\$ 0.0023	47,142	\$ 108.43	\$ 108.43	
Low Voltage Service Charge	\$ -	118	\$ -	\$ -	118	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 639.68			\$ 664.10	\$ 24.42	3.82%
RTSR - Network	\$ 2.2754	118	\$ 268.06	\$ 1.8045	118	\$ 212.59	\$ (55.48)	-20.70%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.6275	118	\$ 191.74	\$ 1.2638	118	\$ 148.89	\$ (42.85)	-22.35%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 1,099.48			\$ 1,025.57	\$ (73.91)	-6.72%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	48,754	\$ 175.51	\$ 0.0036	48,778	\$ 175.60	\$ 0.08	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	48,754	\$ 63.38	\$ 0.0013	48,778	\$ 63.41	\$ 0.03	0.05%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	47,142	\$ 329.99	\$ 0.0070	47,142	\$ 329.99	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	48,778	\$ 53.66	\$ 0.0011	48,778	\$ 53.66	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	48,754	\$ 5,509.21	\$ 0.1130	48,778	\$ 5,511.88	\$ 2.66	0.05%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 7,231.24			\$ 7,160.11	\$ (71.13)	-0.98%
HST	13%		\$ 940.06	13%		\$ 930.81	\$ (9.25)	-0.98%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 8,171.30			\$ 8,090.92	\$ (80.37)	-0.98%

Customer Class:	GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	531,688	kWh
Demand	1,509	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2,922.18	1	\$ 2,922.18	\$ 3,506.77	1	\$ 3,506.77	\$ 584.59	20.01%
Distribution Volumetric Rate	\$ 2.3087	1509.01	\$ 3,483.85	\$ 2.6534	1509.01	\$ 4,004.01	\$ 520.16	14.93%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1509.01	\$ -	\$ 0.2016	1509.01	\$ 304.22	\$ 304.22	
<b>Sub-Total A (excluding pass through)</b>			\$ 6,406.03			\$ 7,814.99	\$ 1,408.96	21.99%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.9135	1,509	\$ 1,378.48	\$ 0.6690	1,509	\$ (1,009.53)	\$ (2,388.01)	-173.23%
GA Rate Riders				\$ 0.0023	531,688	\$ 1,222.88	\$ 1,222.88	
Low Voltage Service Charge	\$ -	1,509	\$ -	\$ -	1,509	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 7,784.51			\$ 8,028.35	\$ 243.84	3.13%
RTSR - Network	\$ 2.4136	1,509	\$ 3,642.15	\$ 1.9141	1,509	\$ 2,888.40	\$ (753.75)	-20.70%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7988	1,509	\$ 2,714.41	\$ 1.3969	1,509	\$ 2,107.94	\$ (606.47)	-22.34%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 14,141.07			\$ 13,024.68	\$ (1,116.39)	-7.89%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	549,871	\$ 1,979.54	\$ 0.0036	550,137	\$ 1,980.49	\$ 0.96	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	549,871	\$ 714.83	\$ 0.0013	550,137	\$ 715.18	\$ 0.35	0.05%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	531,688	\$ 3,721.81	\$ 0.0070	531,688	\$ 3,721.81	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	550,137	\$ 605.15	\$ 0.0011	550,137	\$ 605.15	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	549,871	\$ 62,135.47	\$ 0.1130	550,137	\$ 62,165.51	\$ 30.04	0.05%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 83,297.87			\$ 82,212.82	\$ (1,085.04)	-1.30%
HST		13%	\$ 10,828.72		13%	\$ 10,687.67	\$ (141.06)	-1.30%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 94,126.59			\$ 92,900.49	\$ (1,226.10)	-1.30%

Customer Class:	<b>LARGE USE SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	3,061,232	kWh
Demand	6,189	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2,922.18	1	\$ 2,922.18	\$ 4,796.27	1	\$ 4,796.27	\$ 1,874.09	64.13%
Distribution Volumetric Rate	\$ 2.3087	6188.99	\$ 14,288.52	\$ 2.8045	6188.99	\$ 17,357.02	\$ 3,068.50	21.48%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	6188.99	\$ -	\$ 0.2931	6188.99	\$ 1,813.99	\$ 1,813.99	
<b>Sub-Total A (excluding pass through)</b>			\$ 17,210.70			\$ 23,967.29	\$ 6,756.58	39.26%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.3724	6,189	\$ (2,304.78)	-\$ 1.1100	6,189	\$ (6,869.78)	\$ (4,565.00)	198.07%
GA Rate Riders				\$ -	3,061,232	\$ -	\$ -	
Low Voltage Service Charge	\$ -	6,189	\$ -	\$ -	6,189	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 14,905.92			\$ 17,097.51	\$ 2,191.59	14.70%
RTSR - Network	\$ 2.4136	6,189	\$ 14,937.75	\$ 1.9141	6,189	\$ 11,846.35	\$ (3,091.40)	-20.70%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7988	6,189	\$ 11,132.76	\$ 1.3969	6,189	\$ 8,645.40	\$ (2,487.36)	-22.34%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 40,976.42			\$ 37,589.25	\$ (3,387.17)	-8.27%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	3,165,926	\$ 11,397.33	\$ 0.0036	3,167,457	\$ 11,402.84	\$ 5.51	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	3,165,926	\$ 4,115.70	\$ 0.0013	3,167,457	\$ 4,117.69	\$ 1.99	0.05%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	3,061,232	\$ 21,428.62	\$ 0.0070	3,061,232	\$ 21,428.62	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	3,167,457	\$ 3,484.20	\$ 0.0011	3,167,457	\$ 3,484.20	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	3,165,926	\$ 357,749.66	\$ 0.1130	3,167,457	\$ 357,922.62	\$ 172.96	0.05%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 439,151.94			\$ 435,945.23	\$ (3,206.71)	-0.73%
HST	13%		\$ 57,089.75	13%		\$ 56,672.88	\$ (416.87)	-0.73%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 496,241.70			\$ 492,618.11	\$ (3,623.58)	-0.73%

Customer Class:	<b>UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	407	kWh
Demand	-	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.05	1	\$ 7.05	\$ 8.53	1	\$ 8.53	\$ 1.48	20.99%
Distribution Volumetric Rate	\$ 0.0103	407.15	\$ 4.19	\$ 0.0125	407.15	\$ 5.09	\$ 0.90	21.36%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	407.15	\$ -	\$ 0.0003	407.15	\$ 0.12	\$ 0.12	-
<b>Sub-Total A (excluding pass through)</b>			\$ 11.24			\$ 13.74	\$ 2.50	22.22%
Line Losses on Cost of Power	\$ 0.1114	14	\$ 1.55	\$ 0.1114	14	\$ 1.57	\$ 0.02	1.46%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	407	\$ 0.41	\$ 0.0020	407	\$ (0.81)	\$ (1.22)	-300.00%
GA Rate Riders			\$ -		407	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	407	\$ -		407	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 13.20			\$ 14.50	\$ 1.30	9.84%
RTSR - Network	\$ 0.0058	421	\$ 2.44	\$ 0.0046	421	\$ 1.94	\$ (0.50)	-20.65%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0042	421	\$ 1.77	\$ 0.0033	421	\$ 1.39	\$ (0.38)	-21.39%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 17.41			\$ 17.83	\$ 0.42	2.39%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	421	\$ 1.52	\$ 0.0036	421	\$ 1.52	\$ 0.00	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	421	\$ 0.55	\$ 0.0013	421	\$ 0.55	\$ 0.00	0.05%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	407	\$ 2.85	\$ 0.0070	407	\$ 2.85	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	421	\$ 0.46	\$ 0.0011	421	\$ 0.46	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	265	\$ 23.02	\$ 0.0870	265	\$ 23.02	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	69	\$ 9.14	\$ 0.1320	69	\$ 9.14	\$ -	0.00%
TOU - On Peak	\$ 0.1800	73	\$ 13.19	\$ 0.1800	73	\$ 13.19	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 68.39			\$ 68.81	\$ 0.42	0.61%
HST		13%	\$ 8.89		13%	\$ 8.95	\$ 0.05	0.61%
<b>Total Bill on TOU</b>			\$ 77.28			\$ 77.75	\$ 0.47	0.61%

Customer Class:	<b>STREET LIGHTING SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	51	kWh
Demand	1	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.16	1	\$ 1.16	\$ 1.17	1	\$ 1.17	\$ 0.01	0.86%
Distribution Volumetric Rate	\$ 7.0017	1	\$ 7.00	\$ 7.0863	1	\$ 7.09	\$ 0.08	1.21%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	1	\$ -	\$ 0.0373	1	\$ 0.04	\$ 0.04	0.04
<b>Sub-Total A (excluding pass through)</b>			\$ 8.16			\$ 8.29	\$ 0.13	1.62%
Line Losses on Cost of Power	\$ 0.1130	2	\$ 0.20	\$ 0.1130	2	\$ 0.20	\$ 0.00	1.46%
Total Deferral/Variance Account Rate Riders	\$ 0.9445	1	\$ 0.94	\$ 0.5411	1	\$ (0.54)	\$ (1.49)	-157.29%
GA Rate Riders				\$ 0.0023	51	\$ 0.12	\$ 0.12	
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 9.30			\$ 8.07	\$ (1.23)	-13.25%
RTSR - Network	\$ 1.7159	1	\$ 1.72	\$ 1.3608	1	\$ 1.36	\$ (0.36)	-20.69%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.2584	1	\$ 1.26	\$ 0.9770	1	\$ 0.98	\$ (0.28)	-22.36%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 12.28			\$ 10.41	\$ (1.87)	-15.22%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	53	\$ 0.19	\$ 0.0036	53	\$ 0.19	\$ 0.00	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	53	\$ 0.07	\$ 0.0013	53	\$ 0.07	\$ 0.00	0.05%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	51	\$ 0.36	\$ 0.0070	51	\$ 0.36	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	53	\$ 0.06	\$ 0.0011	53	\$ 0.06	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	51	\$ 5.80	\$ 0.1130	51	\$ 5.80	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 18.76			\$ 16.89	\$ (1.87)	-9.96%
HST	13%		\$ 2.44	13%		\$ 2.20	\$ (0.24)	-9.96%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 21.20			\$ 19.09	\$ (2.11)	-9.96%



Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	85,877	kWh
Demand	-	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.05	211	\$ 1,487.55	\$ 8.53	211	\$ 1,799.83	\$ 312.28	20.99%
Distribution Volumetric Rate	\$ 0.0103	85877	\$ 884.53	\$ 0.0125	85877	\$ 1,073.46	\$ 188.93	21.36%
Fixed Rate Riders	\$ -	211	\$ -	\$ -	211	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	85877	\$ -	\$ 0.0003	85877	\$ 25.76	\$ 25.76	-
<b>Sub-Total A (excluding pass through)</b>			\$ 2,372.08			\$ 2,899.06	\$ 526.97	22.22%
Line Losses on Cost of Power	\$ 0.1114	2,937	\$ 327.18	\$ 0.1114	2,980	\$ 331.96	\$ 4.78	1.46%
Total Deferral/Variance Account Rate Riders	-\$ 0.0010	85,877	\$ (85.88)	-\$ 0.0020	85,877	\$ (171.75)	\$ (85.88)	100.00%
GA Rate Riders				\$ -	85,877	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	85,877	\$ -	\$ -	85,877	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 2,613.39			\$ 3,059.27	\$ 445.88	17.06%
RTSR - Network	\$ 0.0058	88,814	\$ 515.12	\$ 0.0046	88,857	\$ 408.74	\$ (106.38)	-20.65%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0042	88,814	\$ 373.02	\$ 0.0033	88,857	\$ 293.23	\$ (79.79)	-21.39%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 3,501.53			\$ 3,761.24	\$ 259.71	7.42%
Wholesale Market Service Charge (WMS)	\$ 0.0036	88,814	\$ 319.73	\$ 0.0036	88,857	\$ 319.88	\$ 0.15	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	88,814	\$ 115.46	\$ 0.0013	88,857	\$ 115.51	\$ 0.06	0.05%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	85,877	\$ 601.14	\$ 0.0070	85,877	\$ 601.14	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	88,857	\$ 97.74	\$ 0.0011	88,857	\$ 97.74	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	57,729	\$ 5,022.43	\$ 0.0870	57,757	\$ 5,024.86	\$ 2.43	0.05%
TOU - Mid Peak	\$ 0.1320	15,098	\$ 1,992.99	\$ 0.1320	15,106	\$ 1,993.95	\$ 0.96	0.05%
TOU - On Peak	\$ 0.1800	15,987	\$ 2,877.57	\$ 0.1800	15,994	\$ 2,878.96	\$ 1.39	0.05%
<b>Total Bill on TOU (before Taxes)</b>			\$ 14,528.84			\$ 14,793.54	\$ 264.70	1.82%
HST		13%	\$ 1,888.75		13%	\$ 1,923.16	\$ 34.41	1.82%
<b>Total Bill on TOU</b>			\$ 16,417.59			\$ 16,716.70	\$ 299.11	1.82%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	674,203	kWh
Demand	1,969	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.16	13127	\$ 15,227.32	\$ 1.17	13127	\$ 15,358.59	\$ 131.27	0.86%
Distribution Volumetric Rate	\$ 7.0017	1969	\$ 13,786.35	\$ 7.0863	1969	\$ 13,952.92	\$ 166.58	1.21%
Fixed Rate Riders	\$ -	13127	\$ -	\$ -	13127	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1969	\$ -	\$ 0.0373	1969	\$ 73.44	\$ 73.44	
<b>Sub-Total A (excluding pass through)</b>			\$ 29,013.67			\$ 29,384.96	\$ 371.29	1.28%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.9445	1,969	\$ 1,859.72	\$ 0.5411	1,969	\$ (1,065.43)	\$ (2,925.15)	-157.29%
GA Rate Riders				\$ 0.0023	674,203	\$ 1,550.67	\$ 1,550.67	
Low Voltage Service Charge	\$ -	1,969	\$ -	\$ -	1,969	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 30,873.39			\$ 29,870.20	\$ (1,003.19)	-3.25%
RTSR - Network	\$ 1.7159	1,969	\$ 3,378.61	\$ 1.3608	1,969	\$ 2,679.42	\$ (699.19)	-20.69%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.2581	1,969	\$ 2,477.20	\$ 0.9770	1,969	\$ 1,923.71	\$ (553.49)	-22.34%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 36,729.19			\$ 34,473.33	\$ (2,255.87)	-6.14%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	697,260	\$ 2,510.14	\$ 0.0036	697,598	\$ 2,511.35	\$ 1.21	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	697,260	\$ 906.44	\$ 0.0013	697,598	\$ 906.88	\$ 0.44	0.05%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	674,203	\$ 4,719.42	\$ 0.0070	674,203	\$ 4,719.42	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	697,598	\$ 767.36	\$ 0.0011	697,598	\$ 767.36	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	697,260	\$ 78,790.43	\$ 0.1130	697,598	\$ 78,828.52	\$ 38.09	0.05%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 124,422.98			\$ 122,206.85	\$ (2,216.12)	-1.78%
HST	13%		\$ 16,174.99	13%		\$ 15,886.89	\$ (288.10)	-1.78%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 140,597.96			\$ 138,093.75	\$ (2,504.22)	-1.78%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 15.24	1	\$ 15.24	\$ 20.84	1	\$ 20.84	\$ 5.60	36.75%
Distribution Volumetric Rate	\$ 0.0097	750	\$ 7.28	\$ 0.0078	750	\$ 5.85	\$ (1.43)	-19.59%
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.61	1	\$ 0.61	\$ 0.61	
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0001	750	\$ (0.08)	\$ (0.08)	
<b>Sub-Total A (excluding pass through)</b>			\$ 22.52			\$ 27.23	\$ 4.71	20.92%
Line Losses on Cost of Power	\$ 0.1130	26	\$ 2.90	\$ 0.1130	26	\$ 2.94	\$ 0.04	1.46%
Total Deferral/Variance Account Rate Riders	-\$ 0.0010	750	\$ (0.75)	-\$ 0.0024	750	\$ (1.80)	\$ (1.05)	140.00%
GA Rate Riders				\$ 0.0023	750	\$ 1.73	\$ 1.73	
Low Voltage Service Charge	\$ -	750	\$ -		750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 25.45			\$ 30.88	\$ 5.43	21.33%
RTSR - Network	\$ 0.0061	776	\$ 4.73	\$ 0.0048	776	\$ 3.72	\$ (1.01)	-21.27%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0046	776	\$ 3.57	\$ 0.0036	776	\$ 2.79	\$ (0.77)	-21.70%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 33.75			\$ 37.40	\$ 3.65	10.81%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	776	\$ 2.79	\$ 0.0036	776	\$ 2.79	\$ 0.00	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	776	\$ 1.01	\$ 0.0013	776	\$ 1.01	\$ 0.00	0.05%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	776	\$ 0.85	\$ 0.0011	776	\$ 0.85	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	750	\$ 84.75	\$ 0.1130	750	\$ 84.75	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 123.16			\$ 126.81	\$ 3.65	2.96%
HST	13%		\$ 16.01	13%		\$ 16.48	\$ 0.47	2.96%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 139.17			\$ 143.29	\$ 4.12	2.96%

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	253	kWh
Demand	-	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 15.24	1	\$ 15.24	\$ 20.84	1	\$ 20.84	\$ 5.60	36.75%
Distribution Volumetric Rate	\$ 0.0097	253	\$ 2.45	\$ 0.0078	253	\$ 1.97	\$ (0.48)	-19.59%
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.61	1	\$ 0.61	\$ 0.61	
Volumetric Rate Riders	\$ -	253	\$ -	\$ 0.0001	253	\$ (0.03)	\$ (0.03)	
<b>Sub-Total A (excluding pass through)</b>			\$ 17.69			\$ 23.40	\$ 5.70	32.24%
Line Losses on Cost of Power	\$ 0.1114	9	\$ 0.96	\$ 0.1114	9	\$ 0.98	\$ 0.01	1.46%
Total Deferral/Variance Account Rate Riders	\$ 0.0010	253	\$ (0.25)	\$ 0.0024	253	\$ (0.61)	\$ (0.35)	140.00%
GA Rate Riders				\$ -	253	\$ -	\$ -	
Low Voltage Service Charge	\$ -	253	\$ -		253	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 19.19			\$ 24.56	\$ 5.36	27.95%
RTSR - Network	\$ 0.0061	262	\$ 1.60	\$ 0.0048	262	\$ 1.26	\$ (0.34)	-21.27%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0046	262	\$ 1.20	\$ 0.0036	262	\$ 0.94	\$ (0.26)	-21.70%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 21.99			\$ 26.76	\$ 4.76	21.66%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	262	\$ 0.94	\$ 0.0036	262	\$ 0.94	\$ 0.00	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	262	\$ 0.34	\$ 0.0013	262	\$ 0.34	\$ 0.00	0.05%
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	262	\$ 0.29	\$ 0.0011	262	\$ 0.29	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	164	\$ 14.31	\$ 0.0870	164	\$ 14.31	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	43	\$ 5.68	\$ 0.1320	43	\$ 5.68	\$ -	0.00%
TOU - On Peak	\$ 0.1800	46	\$ 8.20	\$ 0.1800	46	\$ 8.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 52.00			\$ 56.76	\$ 4.76	9.16%
HST	13%		\$ 6.76	13%		\$ 7.38	\$ 0.62	9.16%
<b>Total Bill on TOU</b>			\$ 58.76			\$ 64.14	\$ 5.38	9.16%

Customer Class:	<b>GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0342	
Proposed/Approved Loss Factor	1.0347	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.14	1	\$ 27.14	\$ 32.83	1	\$ 32.83	\$ 5.69	20.97%
Distribution Volumetric Rate	\$ 0.0140	2000	\$ 28.00	\$ 0.0169	2000	\$ 33.80	\$ 5.80	20.71%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0011	2000	\$ 2.20	\$ 2.20	
<b>Sub-Total A (excluding pass through)</b>			\$ 55.14			\$ 68.83	\$ 13.69	24.83%
Line Losses on Cost of Power	\$ 0.1130	68	\$ 7.73	\$ 0.1130	69	\$ 7.84	\$ 0.11	1.46%
Total Deferral/Variance Account Rate Riders	\$ 0.0027	2,000	\$ 5.40	\$ 0.0020	2,000	\$ (4.00)	\$ (9.40)	-174.07%
GA Rate Riders				\$ 0.0023	2,000	\$ 4.60	\$ 4.60	
Low Voltage Service Charge	\$ -	2,000	\$ -		2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 69.06			\$ 78.06	\$ 9.00	13.04%
RTSR - Network	\$ 0.0058	2,068	\$ 12.00	\$ 0.0046	2,069	\$ 9.52	\$ (2.48)	-20.65%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0042	2,068	\$ 8.69	\$ 0.0033	2,069	\$ 6.83	\$ (1.86)	-21.39%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 89.74			\$ 94.41	\$ 4.67	5.20%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,068	\$ 7.45	\$ 0.0036	2,069	\$ 7.45	\$ 0.00	0.05%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,068	\$ 2.69	\$ 0.0013	2,069	\$ 2.69	\$ 0.00	0.05%
Standard Supply Service Charge								
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	2,069	\$ 2.28	\$ 0.0011	2,069	\$ 2.28	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	2,000	\$ 226.00	\$ 0.1130	2,000	\$ 226.00	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 342.15			\$ 346.83	\$ 4.67	1.37%
HST	13%		\$ 44.48	13%		\$ 45.09	\$ 0.61	1.37%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 386.63			\$ 391.91	\$ 5.28	1.37%