

**THUNDER BAY HYDRO ELECTRICITY  
DISTRIBUTION INC.**

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**2018 ELECTRICITY DISTRIBUTION RATE APPLICATION**

**EB-2017-0075**

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## ONTARIO ENERGY BOARD

**IN THE MATTER OF** the Ontario Energy Board Act, 1998, being Schedule B to the Energy Competition Act, 1998, S.O. 1998, c.15;

**AND IN THE MATTER OF** an Application by Thunder Bay Hydro Electricity Distribution Inc. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity as of May 1, 2018.

**TITLE OF PROCEEDING:** An Application by Thunder Bay Hydro Electricity Distribution Inc. for an Order or Orders approving or fixing just and reasonable distribution rates and other charges, effective May 1, 2018.

### Application – Relief sought

1. Thunder Bay Hydro Electricity Distribution Inc. (“Thunder Bay Hydro”) is a distributor as defined in, and is licensed as such under, the *Ontario Energy Board Act, 1998* (the “Act”). Thunder Bay Hydro holds Electricity Distribution Licence ED-2002-0529.
  
2. Thunder Bay Hydro hereby applies to the Ontario Energy Board (the “Board”), pursuant to section 78 of the Act, for an Order or Orders approving or fixing just and reasonable rates for distribution service effective May 1, 2018. This Application is made in accordance with the Board’s update to Chapter 3 of the *Filing Requirements for Electricity Distribution Rate Applications*, issued on July 20, 2017, using 4<sup>th</sup> Generation IR methodology, including the following:
  - a. An adjustment to the retail transmission service rates as provided in the Board’s *Guidelines G-2008-0001: Electricity Distribution Retail Transmission Service Rates (RTSR), Revision 4.0*, issued June 28, 2012;
  - b. An adjustment to the price cap index, as determined by the Board;
  - c. An adjustment to current 2017 distribution rates by applying to the OEB’s adjustment mechanism of the Price Cap Index to establish 2018 electricity distribution rates, effective from May 1, 2018.
  - d. Election to dispose of the Group 1 account balances, per *Section 3.2.5 of Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications*, issued on July 20, 2017.
  - e. Continuation of existing Specific Service Charges and Loss Factors as approved in Thunder Bay Hydro’s 2017 Cost of Service rate application (EB-2016-0105).

3. In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of May 1, 2018, Thunder Bay Hydro requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the decided implementation date of the approved 2018 distribution rates.
4. In the event that the effective date does not coincide with the Board's decided implementation date for 2018 distribution rates and charges, Thunder Bay Hydro requests permission to recover the incremental revenue from the effective date to the implementation date.
5. Thunder Bay Hydro has used the Board's Excel Models: 2018 IRM Rate Generator ("2018 Rate Model") version 1.1 posted September 8, 2017. The rates for which approval is sought are shown on Tab 19 "Final Tariff Schedule" of the 2018 Rate Model.
6. This Application is supported by the written evidence comprising of a Manager's Summary, excel model, and appendices. Thunder Bay Hydro may amend or supplement this written evidence prior to or during the course of the Board's hearing of this Application.

## **3.1 Manager's Summary**

### **3.1 Introduction**

Thunder Bay Hydro is a corporation incorporated pursuant to the Ontario Business Corporations Act with its head office in the City of Thunder Bay. Thunder Bay Hydro carries on the business of distributing electricity within the City of Thunder Bay and Fort William First Nation Reserve.

Thunder Bay Hydro is submitting an Incentive Rate Mechanism application, applying for 2018 electricity distribution rates and other charges effective May 1, 2018. Thunder Bay Hydro has chosen to file its 2018 Distribution Rate Application under the Price Cap Incentive Rate adjustment option.

This application has been prepared in accordance with the Board's updated *Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications, – 2017 edition for 2018 Rate Applications*, issued July 20, 2017 ("*2018 Filing Requirements*").

Thunder Bay Hydro requests that this Application be disposed of by way of a written hearing.

### 3.1.1 Grouping for Filings

Thunder Bay Hydro was assigned the filing date of November 6, 2017 in Tranche 4 as per the OEB direction to all distributors in the letter dated July 20, 2017 "Process for 2018 Incentive Regulation Mechanism (IRM) Distribution Rate Applications.

### 3.1.2 Components of the Application Filing

Thunder Bay Hydro has included in this application EB-2017-0075 the following:

1. Managers Summary
2. Contact Information
3. Completed Rate Generation Model and Supplemental Work forms
4. PDF Copy of the current tariff sheet
5. Supporting documentation, validated reporting record keeping requirements, and other data referred to in the application.
6. A statement of who will be affected by the application, and particular bill impacts.
7. Confirmation of the Applicants internet address
8. Statement of confirmation related to accuracy of the billing determinants.
9. Text searchable Adobe PDF format for all documents

#### 3.1.2.1 Contact Information

The following is the contact information for Thunder Bay Hydro in this proceeding:

Applicant's Address for Service: 34 Cumberland St. N.  
Thunder Bay, Ontario  
P7A 4L4

Primary Contact for Electricity Distribution Licence:

Cindy Speziale, CPA, CA	Phone:	807-343-1118
Vice President, Finance	Fax:	807-343-1009
	Email:	<a href="mailto:cspeziale@tbhydro.on.ca">cspeziale@tbhydro.on.ca</a>

Primary Contact for the Application:

Brittany Ashby, BMGMT	Phone:	807-343-1054
Supervisor, Business &	Fax:	807-343-1009
Regulatory Affairs	Email:	<a href="mailto:bashby@tbhydro.on.ca">bashby@tbhydro.on.ca</a>

### **3.1.2.2 / 3.1.2.3 List of Attachments**

The following is a list of attachments to this application;

Appendix A – 2018 Rate Generator Model (version 1.1, updated September 8<sup>th</sup> 2017)

Appendix B – Current 2017 Schedule of Tariff and Rates;

Appendix C – Proposed 2018 Schedule of Tariff and Rates;

Appendix D – Bill Impacts; and

Appendix E – Global Adjustment Analysis Work Form (version 1.4, updated July 24<sup>th</sup> 2017)

### **3.1.2.4 Supporting Documentation**

Thunder Bay Hydro confirms that it has provided supporting documentation where appropriate as support to the models mentioned in the 3.1.2.3 List of Attachments. Thunder Bay Hydro has also confirmed it has validated any references to the yearend RRR reporting record keeping requirements, and other data referred to in the application.

### **3.1.2.5 Notice of Application**

The persons affected by this Application are all of Thunder Bay Hydro's customer rate classes who reside within the City of Thunder Bay and Fort William First Nation Reserve. This is due to the annual mechanism adjustment which is applied uniformly across all customer rate classes. In addition to these adjustments, the residential class is being impacted by the OEB's rate design policy (EB-2014-0210) for residential customers.

Thunder Bay Hydro understands that the Board has retained a third party to assess the appropriate publication treatment for a Notice of Application. As such, Thunder Bay Hydro is not at this time proposing a treatment for the Notice of Application and awaits direction from the Board on this matter.

### **3.1.2.6 Confirmation of Application**

Throughout the IRM Application EB-2017-0075 Thunder Bay Hydro will provide for its customers a physical paper application at its customer service desk, as well as publish any updates directly to its public website for purposes of viewing the application, previous applications, and related documents.

Thunder Bay Hydro Public Website Address:

<https://www.tbhydro.on.ca/>

### 3.1.2.7 Certification of Evidence

Thunder Bay Hydro's Vice President of Finance certifies that the evidence filed in its 2018 IRM Rate Application is accurate to the best of her knowledge and belief.

### 3.1.3 Applications and Electronic Models

Thunder Bay Hydro has used the Board's 2018 IRM Rate Generator issued by the Board on September 8, 2017, and the Board's Global Adjustment (GA) Analysis Work form issued by the Board on July 24, 2017. Thunder Bay Hydro has completed the 2018 Rate Models in accordance with the Board staff instructions. Thunder Bay Hydro does not have any unique rate classes.

The model was pre-populated with distributor-specific data for Thunder Bay Hydro, including Thunder Bay Hydro's most recent tariff of rates and charges, load and customer data and year end Group 1 DVA balances.

Thunder Bay Hydro confirms that the tariff of rates and charges is accurate, as included in Tab 2 'Current Tariff Schedule' of the model. Thunder Bay Hydro confirms the accuracy of the pre-populated billing determinates, number of customers for Residential and GS<50 Classes, and customer volume, as included in Tab 4 'Billing Det. For Def Var' of the model. Additionally, Thunder Bay Hydro has completed Tab 3 – 2016 Continuity Schedule and confirms the entries in column "BU", representing Group 1 Deferral and Variance Account balances as of December 31, 2016 are accurate.

Thunder Bay Hydro confirms that it has not diverged from the Board's model concept or modified the 2018 Rate Model. Board staff made modifications to the 2018 Rate Model to exclude Class A volume when determining GA, as well as CBR rate riders. Thunder Bay Hydro confirms that the model is correctly calculating the GA, and CBR rate rider among all classes.

Note, that the 2018 Rate Generator Model - Appendix A (excel file) has been modified in several instances:

- 1) Thunder Bay Hydro notes that as per the settlement agreement (EB-2016-0105) rate class "General Service 1,000 – 4,999 kW service" classifications should be updated to "General Service 1,000kW or greater service" classification.



- 2) Tab10. RTSR Current Rates' rate class "General Service 50 to 999 kW Service" Classification 'Non-Loss Adjusted Metered kWh' and 'Non- Loss Adjusted Metered kW' have been allocated between metered, and interval metered units.
- 3) Tab11. 2018 RTSR – UTRs & Sub-Tx' Rates for 2017 & 2018 are required to be updated for the Board Approved Rate Order EB-2016-0160 at the time in which they are approved.
- 4) Tab.16. Rev2Cost\_GDPIPI' "General Service 1,000kW or Greater" Service Classification did not populate the current volumetric charge. Therefore this figure has been updated in cell E20 to include this rate in the inflationary calculation.
- 5) Tab19. Final Tariff Schedule' resulted in a number of errors. Please review the bullet below for 'Proposed Tariff of Rates and Charges' in Appendix C for a full listing.

Note, that the presentation Proposed Tariff of Rates and Charges in Appendix C (separate export to excel file) has been modified in several instances:

- 1) All Rate classes have prepopulated duplicate Wholesale Market Service Rate – not including CBR lines. This has been removed to produce only one charge for each rate class.
- 2) All of Thunder Bay Hydro's Rate class descriptions with the exception of Residential have not populated correctly. Each rate class is reading "Standard Supply Service – Administrative Charge (if applicable)" rather than the appropriate rate class listing. This has been edited for Appendix C.
- 3) All Rate classes with the exception of Residential have not populated a rate for the "Rural or Remote Electricity Rate Protection Charge (RRRP)". This has been populated as \$0.0003/kWh in Appendix C.
- 4) Descriptions of rate rider disposition of "Class B- WMS – Sub account CBR (2018)", and disposition of "Global Adjustment rate rider (2018)" for rate classes "General Service 50 to 999 kw Service" Classification, and "General Service 1,000 kw or Greater" Service have been updated to reflect the wording as approved in the Final Rate Order (EB-2016-0105) issued October 19, 2017. This was additionally updated to reflect the 2018 disposition year.

Note, that the presentation Bill Impacts in Appendix D (excel file) has been modified in several instances:

- 1) All rate classes are resulting in a proposed Wholesale Market Service Charge (WMSC) of \$0.0062. This has been corrected to the appropriate rates of \$0.0032 for all rate class bill impact calculations.

- 2) Further to the discovery of the WMSC charge being incorrectly populated, it was discovered that the CBR rate was not populated. The WMSC rate was then updated for all rate classes to be \$0.0036.
- 3) “General Service 1,000kW or Greater Service” Classification is not populating a rate for the distribution volumetric rate in current OEB – Approved, or Proposed; therefore this has been edited to include this rate in the bill impact calculation.

## 3.2 ELEMENTS OF THE PRICE CAP IR AND THE ANNUAL IR INDEX PLAN

### 3.2.1 Annual Adjustment Mechanism

In calculating 2018 rates, Thunder Bay Hydro has applied a Price Cap Index Adjustment of 1.60% to its Base Distribution Rates, which are the rate-setting parameters provided by the Board’s 2018 Rate Generator Model (Stretch Factor Group III). Thunder Bay Hydro acknowledges that distributors are to use the 2017 rate setting parameters as a placeholder until the stretch factor for 2018 are issued by the OEB. Board staff will update the 2018 Rate Generator Model with the final parameters which will be established by the Board in the supplemental report on the Renewed Regulatory Framework for Electricity (RRFE).

#### 3.2.1.1 Application of the Annual Adjustment Mechanism

Thunder Bay Hydro has achieved Stretch Factor Group assignment ranking of 3 or 0.30% in the “PEG Empirical Research in Support of Incentive Rate-Setting: 2016 Benchmarking Update Report to the Ontario Energy Board” issued July 2017. Based on this ranking Thunder Bay Hydro will apply the Price Cap Index of 1.60% to its current fixed distribution charge, as well as its distribution volumetric charge.

Price Cap Index is determined using the following formula:

<b>Price Cap Index</b>	
Price Escalator (GDP-IPI)	1.90%
Less: Productivity Factor	0.00%
Less: Stretch Factor	0.30% (TBH is in Group III)
Price Cap Index	1.60%

Thunder Bay Hydro confirms the Price Cap Index adjustment has been applied to distribution rates (fixed and variable) uniformly across all customer rate classes and that the index adjustment **has not** been applied to the following components of distribution rate components:

- Rate Adders;

- Rate Riders;
- Retail Transmission Rates;
- Wholesale Market Service Rates;
- Rural and Remote Rate Protection Charge;
- Standard Supply Service – Administrative Charge;
- Capacity Based Recovery;
- Microfit Service Charge;
- Specific Service Charges;
- Transformation and Primary Metering Allowances;
- Smart Meter Entity Charge

### **3.2.2 Revenue to Cost Ratio Adjustments**

Thunder Bay Hydro is not seeking any revenue to cost ratio adjustments in this application.

Thunder Bay Hydro's Revenue to Cost ratio adjustments were approved in its 2017 Cost of Service Rate Application (EB-2016-0105). As per Thunder Bay Hydro's Settlement Proposal & Agreement issued April 27, 2017 (EB-2016-0105, page 17), Thunder Bay Hydro was in complete settlement with all parties for its proposed cost allocation methodology, and revenue to cost ratios. Thunder Bay Hydro does not require any further revenue-to-cost ratio adjustments to be required for the 2017 to 2021 rate years; however, Thunder Bay Hydro's revenue-to-cost ratios remain subject to further Board policy changes of general application over this period.

### **3.2.3 Rate Design for Residential Electricity Customers**

On April 2, 2015 the OEB released its Board Policy: A New Distribution Rate Design for Residential Electricity Customers (EB-2014-0210) which stated that electricity distributors are expected to transition to a fully fixed monthly distribution service charge for residential customers, and in most cases should be to be implemented over a period of four years, beginning in 2016. Thunder Bay Hydro is proposing residential rate changes consistent with this policy. Thunder Bay Hydro confirms that the fully fixed rate designs for new charges are applicable only to the residential rate class, and to the charges which are specifically related to distribution of electricity.

Tab 16 'Rev2Cost\_GDPIPI' of the completed 2018 IRM Rate Generator Model sets out the OEB approved # of Transition Years as planned in the four year transition steps for the Residential class towards fully fixed rates.

Thunder Bay Hydro's most recent cost of service rate application (EB-2016-0105) calculated its residential fixed and volumetric distribution rates over three of the four of the remaining rate design policy transition years. For the 2018 rate year there are two years remaining in the transition of the fixed and volumetric rate design to fully fixed distribution rates.

The current distribution revenue split of 81.3% fixed rate revenue, 18.7% variable rate revenue, is calculated based on the current 2017 rates from the (EB-2016-0105) Cost of Service board approved 2017 monthly and variable distribution rates multiplied by the (EB-2016-0105) 2017 Cost of Service board approved forecasted residential customer number and billed residential kWh. Updating this calculation to the expected two of the four OEB approved # of transition years, the calculation will result in a split of 90.6% fixed rate revenue, 9.4% variable rate revenue (Table 1).

The expected monthly increase in the fixed monthly charge results in a rate of \$2.28 which is less than \$4, in accordance with the Board's direction from *A New Distribution Rate Design for Residential Electricity Customers* (EB-2014-0210, released April 2, 2015) because this is lower than \$4 rate mitigation measures is not expected to be necessary.

### **3.2.3.1 Residential Rate Design – Exception and Mitigation**

The OEB designed two tests to determine when mitigation should be proposed – a threshold test for the change in fixed charge, and an overall bill impact test.

Test 1 - As previously mentioned Thunder Bay Hydro has calculated the expected fixed charge rate to be \$2.28/month/year. This passes the first of the threshold tests set out by the OEB.

Test 2 – Part 1- Using the bill impact test, Thunder Bay Hydro has calculated the expected Total Bill Impact of its residential customers who use an average of 750 kwh monthly to be minimal with a total bill impact of 3.76% including HST and 8% Rebate. Of the total bill increase of 3.76% or \$3.85/month the portion related to the fixed variable transition is an overall decrease of (35.33%). Overall typical residential bill impact is below 10% materiality and therefore passes the threshold test.

Part 2- Using the bill impact test, Thunder Bay Hydro has calculated the expected Total Bill Impact of its lower-consumption residential customers in the 10<sup>th</sup> percentile who use an average of 249 kwh monthly to be minimal with a total bill impact increase of 4.94% including HST and 8% Rebate. Of the total bill increase of 4.94% or \$2.43/month the portion related to the fixed variable transition is an overall decrease of (35.33%) (Observed in Table 3). Overall Thunder Bay Hydro's lowest consumption residential bill impact is below 10% materiality and therefore passes the threshold test.

As indicated in section 3.2.3 of the 2017 edition for 2018 rate applications Chapter 3 Incentive Rate Setting Application in 2018 a distributor is expected to apply to extend its OEB- approved transition period if necessary, to continue to comply with the policy.

At this current proposed rate change the current split will require an increase in fixed proportion of 9.3% and corresponding decrease in the variable proportion of 9.3%. For 2018, this means an increase of \$2.28, before the price cap adjustment to the fixed charge, and a decrease of \$.0036 to variable charge (Table 2).

See tables 1 & 2 below for summary of proposed transition:

**Table 1: Rate Design Transition – Fixed & Volumetric Percentage Transition**

		2017	2018	2019
Line No.	Distribution Rate	Current 3/4	2/4	1/4
1	Fixed	81.3%	90.6%	100.0%
2	Volumetric	18.7%	9.4%	0.0%
3	<b>Total F/V Split</b>	100%	100%	100%

**Table 2: Rate Design Transition – Fixed & Volumetric Rate Transition**

Line No.	Distribution Rate	Base Rates @ Current F/V Split	Proposed Adjusted Base Rates	Impact \$
1	Residential – Fixed Rate	\$ 19.75	\$ 22.03	\$ 2.28
2	Residential – Variable Rate	\$ 0.00740	\$ 0.00380	(\$ 0.00360)

### 3.2.3.2 Impact at the 10th Percentile of Consumption

In accordance with section 3.2.3 of the *2017 Filing Requirements*, 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 2016 calendar year for all customers with a full year of data. Only the data for customers with 12 months of data was used to calculate a seasonally normalized average consumption. Thunder Bay Hydro sorted the data set of 40,827 rows \* 12 months = 489,924 records in ascending order based on average monthly consumption per customer. The 10<sup>th</sup> consumption percentile of this data set was 249 kWh.

Thunder Bay Hydro is **not** proposing a rate mitigation plan as the rate increase for a residential low-energy consumer does not exceed the 10% total bill impact threshold as determined by the OEB. The net impact of only distribution charges is a reduction of (35.33%). Table 3 below shows the net impact of distribution change to Thunder Bay Hydro’s Residential Low-Income Customer using 249 kWh / month.

**Table 3: Thunder Bay Hydro Residential Low-Volume Customer**

Residential 10th percentile	Current Charge	Proposed Charge	Change (\$)	Change (%)
Monthly Service Charge	\$19.75	\$22.38	\$2.63	13.32%
Distribution Volumetric Rate @ 249 kWh	\$1.84	\$0.95	(\$0.90)	(48.65%)
		<b>Sum of Distribution</b>	\$1.73	(35.33%)

### 3.2.4 Electricity Distribution Retail Transmission Service Rates

Thunder Bay Hydro has prepared the RTSR using the OEB’s ‘Guideline G-2008-0001: Electricity Distribution Retail Transmission Service Rates (RTST), Revision 4.0 issued June 28, 2012.’ To prepare the analysis Thunder Bay Hydro has used the 2018 Rate Generator Model, Tabs 10 to 15 to calculate the proposed updates to its RTSRs. Thunder Bay Hydro has used the most recent wholesale transmission rates (per the Board’s Decision in EB-2016-0160, issued November 1, 2017) in this application.

Thunder Bay Hydro understands that once 2018 UTR rates are determined, Board staff will adjust the 2018 Rate Generator Model to reflect any changes in Hydro One’s Sub-Transmission class RTSRs.

Thunder Bay Hydro has confirmed that the cells in Tab 10. RTSR Current Rates have been populated with the data from the most recent 2016 year end RRR filing. In addition to the figures reported to the OEB Thunder Bay Hydro has adjusted the Non-Loss Adjusted Metered kWh, and Non –Loss Adjusted Metered kW to appropriately split the “General Service 50 to 999 kW Service” Classification between metered and interval metered. Thunder Bay Hydro confirms it has used its customer data to determine the split between specific meter data, and the net of the two results in the rate classification total reported in the 2016 RRR year end filing.

A summary of the proposed adjustment to the Current Retail Transmission Service Rates are shown in Table 4 below:

**Table 4: RTSR Proposed Adjustment**

Rate Class	Units	RTSR Network			RTSR Connection		
		Current	Proposed	Change	Current	Proposed	Change
		\$	\$	\$	\$	\$	\$
Residential	kWh	\$ 0.0048	\$ 0.0061	\$ 0.0013	\$ 0.0036	\$ 0.0046	\$ 0.0010
General Service < 50kW	kW	\$ 0.0046	\$ 0.0058	\$ 0.0012	\$ 0.0033	\$ 0.0042	\$ 0.0009
General Service > 50 to 999 kW	kW	\$ 1.8045	\$ 2.2747	\$ 0.4702	\$ 1.2638	\$ 1.6204	\$ 0.3566
General Service > 50 to 999 kW Interval	kW	\$ 1.9141	\$ 2.4128	\$ 0.4987	\$ 1.3969	\$ 1.7910	\$ 0.3941
General Service 1,000 kW or Greater	kW	\$ 1.9141	\$ 2.4128	\$ 0.4987	\$ 1.3969	\$ 1.7910	\$ 0.3941
Unmetered Scattered Load	kWh	\$ 0.0046	\$ 0.0058	\$ 0.0012	\$ 0.0033	\$ 0.0042	\$ 0.0009
Sentinel Lights	kW	\$ 1.3679	\$ 1.7243	\$ 0.3564	\$ 0.9975	\$ 1.2789	\$ 0.2814
Street Lighting	kW	\$ 1.3608	\$ 1.7154	\$ 0.3546	\$ 0.9770	\$ 1.2526	\$ 0.2756

### 3.2.5 Review and Disposition of Group 1 Deferral and Variance Account Balances

Thunder Bay Hydro is applying to dispose of the balances in its Group 1 Deferral and Variance Accounts, as of December 31, 2016. Projected interest from January 1 2017 – April 30 2018 is calculated using the Board’s prescribed interest rates. Quarter 1, 2, & 3 of 2017 is calculated using 1.10%, and then for the remainder of the 2017 year (Q4) as well as the period of January 1st 2018 to April 30th 2018 interest is calculated at the Board’s most recent prescribed interest rate of 1.50%.

“Tab 3, 2018 Continuity Schedule” of the completed 2018 Rate Generator Model, as of December 31, 2016, agree with those filed with the year end 2016 balances reported on the 2.1.7 RRR filed April 30, 2017. There is an expected difference in the Wholesale Market Service Charge which is equal to the “WMS – Sub Account CBR Class B” and the “WMS – Sub Account CBR Class A”.

Thunder Bay Hydro confirms that no additional adjustments have been made to any deferral and variance account balances which were previously approved by the Board on a final basis.

The total group 1 amount to be disposed of is (\$632,186) excluding “1580 WMS – Sub Account CBR-Class A”. The RSVA Global Adjustment balance in account 1589 is (\$33,253) to be returned in a rate rider to Non-RPP customers (excluding Class A customers). The RSVA WMS – Sub Account CBR – Class B in account 1580 is (\$67,467) to be returned in a rate rider to Class B customers (excluding Class A customers). The remaining Group 1 balances total (\$531,466) also indicates a refund to all of Thunder Bay Hydro’s customers. Table 5 indicates which disposition amounts are eligible for which customer classes.

**Table 5: Disposition Eligibility**

Account Descriptions	Eligibility	Total Claim
1589 Global Adjustment	Non RPP Class B Customers	(\$33,253)
1580 WMS - Sub Account CBR - Class B Only	Class B Customers	(\$67,465)
1551, 1580, 1584, 1586, 1588, 1595 Remainder of Group One Account Disposition	All Customers	(\$531,468)
<b>Total Disposition Amount</b>		<b>(\$632,186)</b>

The threshold test is completed by dividing the total claim by the total system kWh, yields a result of (\$.0007) / kWh, which is below the threshold for disposition of \$.001 per kWh. However, consistent with section 3.2.5 of the *2018 Filing Requirements* and a letter issued by the Board on July 20, 2017, Thunder Bay Hydro is electing to dispose of the balances in the accounts despite the total net claim not meeting the threshold.

Threshold Test	
Total Group One Disposition Claim	(\$632,186)
Total Distributor Metered kWh (Non Loss Adjusted) -Class B / Class A / RPP / Non RPP	892,427,204
Total Claim per kWh	(\$0.0007)

The components of this claim, which will be allocated and recovered from varying groups of customers as indicated in Table 5, potentially meet the materiality threshold when separated. Thunder Bay Hydro is proposing a one-year disposition period for the Group 1 Deferral and Variance Accounts, with rate riders effective May 1, 2018 until April 30, 2019. Thunder Bay Hydro expects that not disposing of the Group One Variance balances in this year would result in a larger claim for disposition in the following year and could potentially indicate larger bill impacts for particular rate classes within Thunder Bay Hydro's 2019 or 2020 IRM rate application, in addition to higher carrying charges. Thunder Bay Hydro requests to dispose of the balances as of Dec 31 2016 so its customers experience the return/charges which more closely reflect recent years, and are not at risk for intergenerational gaps in disposition amounts.

Table 6 below is Thunder Bay Hydro's proposed disposition summary organized by Principal and Interest:



**Table 6: Group One Disposition Claim**

Line No.	Group One Account	Account #	Principal	Interest	Total
1	Smart Metering Entity Charge Variance Account	1551	(\$2,219)	(\$230)	(\$2,449)
2	RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(\$979,061)	(\$15,588)	(\$994,649)
3	Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(\$65,002)	(\$2,464)	(\$67,466)
4	RSVA - Retail Transmission Network Charge	1584	(\$108,761)	(\$3,572)	(\$112,333)
5	RSVA - Retail Transmission Connection Charge	1586	\$88,448	\$723	\$89,171
6	RSVA - Power <sup>4</sup>	1588	\$800,906	\$9,289	\$810,195
7	RSVA - Global Adjustment <sup>4</sup>	1589	(\$36,499)	\$3,246	(\$33,253)
8	Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595	\$0	\$0	\$0
9	Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595	\$0	\$0	\$0
10	Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595	\$0	\$0	\$0
11	Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	\$0	\$706	\$706
12	Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	\$0	\$1,268	\$1,268
13	Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	(\$1,305)	(\$362)	(\$1,667)
14	Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	(\$186,325)	(\$135,385)	(\$321,710)
<b>Total Disposition</b>			<b>(\$489,818)</b>	<b>(\$142,368)</b>	<b>(\$632,186)</b>

### 3.2.5.1 Wholesale Market Participants

Thunder Bay Hydro does not participate or embed any participants directly in any of the IESO-administrated markets.

### 3.2.5.2 Global Adjustment

The majority of Thunder Bay Hydro’s customers are Class B customers. These customers pay the global adjustment (“GA”) charge based on the amount of electricity they consume in a month (kWh). Within the Class B group, there are two categories of customers: RPP customers who pay an RPP rate which has a

built in GA adjustment component and the remaining Non-RPP customers who pay the Hourly Ontario Electricity Price, who pay a monthly GA price separately on their bills.

For Class B customers, RSVA 1589 GA captures the difference between the amounts billed (or estimated to be billed) to Non-RPP customers and the actual amount paid by the distributor to the IESO for those customers. This is the variance between the final rate for the GA and what is billed to the customers using the First Estimate loaded into the billing system. For Non-RPP customers, this variance is recorded in the USoA account 1589 RSVA GA. For RPP customers, this variance is built into the RPP rate for the following RPP term.

Customers who participate in the Industrial Conservation Initiative (“ICI”), referred to as Class A, pay GA based on their percentage contribution to the top five peak Ontario demand hours (i.e. peak demand factor) over a year-long period. Thunder Bay Hydro settles GA costs with Class A customers on the basis of actual cost, so Class A customers have not contributed to the balance in 1589 RSVA GA for the period they were Class A customers.

Only Non-RPP, Non-Class A customers have contributed to the balance in the RSVA 1589 GA variance account. The balance in this account has been allocated based on Non-RPP, Non – Class consumption in 2014. A separate rate rider is used to dispose of the balance RSVA 1589 GA.

### **3.2.5.3 Class A Global Adjustment**

The Board has included a new requirement for 2018 Applications in its *2018 Filing Guidelines* for distributors to provide information regarding its Class A customers.

Thunder Bay Hydro has indicated in the 2018IRM Rate Generator Tab 3. Continuity Schedule that it has Class A customers during the period that the Account 1589 GA balances was accumulated (i.e. from the year the balance was last disposed). This is also true for the Account 1580 Balance.

Section 3.2.5.2 of the *2016 Filing Guidelines* requires that distributors propose an approximate allocation for the recovery of the GA variance. Selecting this Class A option to account for Class A customers in Tab 3. Continuity Schedule results in Tab 6. Class A Consumption Data requirement to input the Billing Determinants by Customer for kWh and kW. These reported volumes are then stripped from the disposition of 1589 Global Adjustment Disposition, and 1580 WMS – CBR Class B Disposition, to appropriately allocate the balance to Class B customers who contributed to the variance account.

From July 2015 until June 2016, Thunder Bay Hydro had 1 Class A customer with a peak demand factor of .00019637. On July 1, 2016, Thunder Bay Hydro had 1 Class A customer with a peak demand factor of .00015929.

As there is only one Class A customer from 2016 through to the current period, there is no residual GA variance balances that have accrued prior to the customer being classified as a Class A customer. As mentioned previously, Thunder Bay Hydro settles GA with Class A customers on a monthly basis and on the basis of actual cost. As a result, Class A customers do not contribute to the balance in RSVA 1589 GA for the period they were Class A customers. The RSVA 1589 GA balance has been allocated to the remaining Non-RPP customers based on the total Non-RPP consumption per class, excluding Class A customers.

Additionally, WMS CBR Class B balance has been allocated to the remaining Class B customers based on the total Non-RPP consumption per class, excluding Class A customers.

All GA rate riders have been calculated on an energy basis (kWh) as per 2018 Filing Requirements section 3.2.5.2.

### **3.2.5.3.1 Global Adjustment Analysis Work form**

As directed by the Board on July 14 2017, for the 2018 Rate Application distributors are now required to complete the Global Adjustment (GA) Analysis Work form. The new work form compares the General Ledger principal balance to an expected principal balance based on monthly GA volumes, revenues and costs.

Thunder Bay Hydro has completed the GA Analysis Work Form; this is a calculation of the expected change in GA to the amount included. The GA Analysis helps the OEB assess if the balance being requested for disposition in Account 1589 is reasonable. This analysis helps confirm the accuracy of both accounts 1588 and 1589. Thunder Bay Hydro confirms that it has verified the Consumption Data from Note 2 reflects the RRR data which was filed April 30 2017, for 2016 volumes, non-loss adjusted.

Thunder Bay Hydro confirms that it uses the first estimate of global adjustment to bill its customers. This treatment is applicable for all customer classes and is trueing up to the final rate posted by the IESO.

OEB has indicated that distributors who have a more precise monthly kWh volume data available based on allocation of billing data by calendar/load month may propose to use this data in the GA Analysis to

calculate the expected GA balance. Thunder Bay Hydro has chosen to populate the GA Analysis Work form with its known actual Non-RPP Class B billed consumption with losses. Thunder Bay Hydro uses this reporting to true up its estimates once billing cycles for the quarter have fully billed out volumes. Using this metric is more precise, and results in an accurate calculation of the GA True-up between expected volumes, and the actual volumes.

Thunder Bay Hydro has provided the reconciling items which are included throughout the regular process of recording the balance for the Global Adjustment principal balance. Unresolved differences as a % of expected GA payments to the IESO fall below the OEB's instructed 1% threshold, as 0.1% variance to the principal balance.

### **3.2.5.3.2 Global Adjustment Settlement Process**

The Board has included a requirement in its Filing Guidelines for distributors to provide a description of their GA settlement process with the IESO. Questions from the *2018 Filing Guidelines* are underlined below, with corresponding answers provided below each question.

- Global Adjustment Pricing

Thunder Bay Hydro confirms that it uses the first estimate of global adjustment to bill its customers. This treatment is applicable for all customer classes.

- Process for providing consumption estimates to IESO

Thunder Bay Hydro settles with the IESO for the estimated difference between spot and RPP pricing, for RPP customers within four business days of month end.

Conventional meters (Designated customers on Tier1\2 pricing) – Total estimated consumption (kWh) is determined by multiplying the current number of active customers (excluding those with retailers) by same month of the previous year's average consumption for that group. This estimated consumption is then split between Tier 1 and Tier 2 pricing based on historical trending.

Time of use meters - Total estimated consumption (kWh) is determined by multiplying the current number of active customers (excluding those with retailers) by same month of the previous year's average

consumption for that group. This estimated consumption is then split between on-peak, off-peak and mid-peak, based on historical trending.

Total RPP consumption is then calculated by adding the consumption of customers on conventional meters to the TOU customer consumption.

Thunder Bay Hydro notes that its process for providing consumption (kWh) estimates to the IESO contains some inherent assumptions, in part due to data timing and data limitations. Thunder Bay Hydro performs quarterly true-ups to provide timely adjustments for any variances from the initial estimates. The true up process uses the actual known Non-RPP Class B billed consumption with losses, as reported in the GA Analysis Work form.

- Describe the true up process to reconcile estimates of RPP and Non-RPP consumption, once actuals are known

The total volume is determined by taking the actual kWh volume purchased from the IESO plus any embedded generation volume and less any Class A volume, to determine the total actual volume to be split between RPP and Non-RPP. An IT system query is run, which identifies monthly consumptions for Non-RPP customers, with the difference being RPP volume.

The RPP volume is multiplied by the actual GA rate to determine the GA allocated to RPP customers and is netted against the estimate that was either paid to or received from the IESO on a monthly basis. This difference is then settled with the IESO on a quarterly basis.

- The description should detail the treatment of embedded generation or any embedded distribution customers

Embedded generation is taken into consideration with determining the total power purchases for the month.

- Distributors are reminded that they are expected to use accrual accounting

Thunder Bay Hydro confirms it uses accrual accounting in its GA settlement process.

### **3.2.5.3.3 Commodity Accounts 1588 and 1589**

Thunder Bay Hydro has reviewed the board letter issued May 23, 2017 'OEB's Guidance on Disposition and has ensured that the controls, processes, and systems for calculating RPP claims are tested to ensure its effectiveness. Thunder Bay Hydro regularly reconciles the estimates of RPP and Non-RPP consumption to actuals on a quarterly basis. In regards to RPP Settlement True Ups Thunder Bay Hydro confirms that it has been following the guidance, and triuing up its settlement claims on a quarterly basis.

Thunder Bay Hydro records the balances of its RSVA Power (1588), and Global Adjustment (1589) pertaining to the period that it is being requested for disposition. This means that the RPP settlement true-up claims made with the IESO in the period subsequent to the fiscal year for which disposition is being requested for disposition.

Thunder Bay Hydro ensures that it has appropriate financial controls, processes and systems in place related to the RPP settlement claims.

### **3.2.5.3.4 Global Adjustment Certification of Evidence**

Thunder Bay Hydro's Vice President of Finance certifies that the evidence filed in its 2018 IRM Rate Application is accurate to the best of her knowledge and belief. Thunder Bay Hydro confirms that it has robust processes and internal controls in place for the preparation, review, verification and oversight of the account balances being disposed, consisted with the certification requirements in Chapter 1 of the filing requirements.

### **3.2.5.4 Capacity Based Recovery**

Thunder Bay Hydro confirms that it follows the OEB Accounting Guidance on CBR issued by the Board on July 25 2016.

Thunder Bay Hydro bills its Class A customers their share of the actual CBR Charge, equal to Charge Type 1350 on the monthly IESO invoice, based on the respective percentage related to Peak Demand Factor. Class A Customers are billed by the IESO for CBR Costs recorded under charge type 1350 for CBR for Class A consumption are recorded in account 4708 charges – WMS Sub Account CBR Class A.

Thunder Bay Hydro records WMS revenues for CBR on all consumption effective January 1, 2016 and onwards for Class B customers, excluding Wholesale Market Participants. Costs recorded under charge type 1351 for CBR Class B consumption is recorded in Accounts 4708 Charges – WMS, Sub Accounts CBR Class B. Thunder Bay Hydro tracks the variance between the revenue billed to customers for Class

B CBR and the costs recorded under Charge Type 1351 for CBR in Account 1580 WMS Sub Account CBR Class B. Carrying charges are applied monthly opening balances at the board prescribed rate.

Thunder Bay Hydro has indicated in the 2018IRM Rate Generator Tab 3. Continuity Schedule that it has Class A customers during the period that the Account 1580 WMS CBR balances was accumulated (i.e. from the year the balance was last disposed).

Section 3.2.5.2 of the *2016 Filing Guidelines* requires that distributors propose an approximate allocation for the recovery of the CBR variance. Selecting this Class A option to account for Class A customers in Tab 3. Continuity Schedule results in Tab 6. Class A Consumption Data requirement to input the Billing Determinants by Customer for kWh and kW. These reported volumes are then stripped from the disposition of 1580 WMS – CBR Class B Disposition, to appropriately allocate the balance to Class B customers who contributed to the variance account.

A residual balance is recorded in the Dec 31 2016 WMS – Sub Account CBR Class A which Thunder Bay Hydro acknowledges is applicable for its one Class A customer during the accumulation period. Thunder Bay acknowledges that this balance was accumulated during the 2015/2016 year and has since received approval for the direct customer disposition/billing of this account balance in its 2017 Cost of Service Rate Application (EB-2016-0105) approved October 19, 2017.

### **3.2.6 LRAMVA**

Thunder Bay Hydro acknowledges, in accordance with the Board's Filing Guidelines for Conservation and Demand Management ("CDM"), at minimum, distributors must apply for disposition of the balance in the Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA") at the time of their Cost of Service rate application. Distributors may apply for the disposition of the balance in the LRAMVA on an annual basis, as part of their IRM rate applications, if the balance is deemed significant.

Thunder Bay Hydro will not be seeking disposition of its 2016 LRAMVA in its 2018 IRM Rate Application and has not included the amount in Tab 3 - Continuity Schedule.

#### **3.2.6.1 Disposition of LRAMVA**

In Thunder Bay Hydro's Cost of Service rate application (EB-2016-0105) Thunder Bay Hydro requested and was approved disposition of LRAMVA for the account balance of \$10,637 as at December 31<sup>st</sup> 2015. In its application Thunder Bay Hydro also provided its LRAM model (for CDM program period 2012 – 2014 inclusive) which was reviewed and accepted by OEB Staff and Intervenor within in the settled issues in the settlement agreement.

### **3.2.7 Tax Changes**

Under a 4th Generation IR, a 50/50 sharing of the impact of currently known legislated tax changes as applied to the tax level reflected in the Board approved base rates for a distributor applies. In Thunder Bay Hydro's most recent Cost of Service electricity distribution rate application (EB-2016-0105), the corporate tax rate used in this determination was 26.5% for May 1, 2017 rates. Currently there is no known legislated tax changes in 2018 that will apply to the tax level reflected in the Board approved base rates determined in Thunder Bay Hydro's most recent cost of service application.

Thunder Bay Hydro has entered the PILS data from its 2017 Cost of Service Application into "Tab 8 – STS Tax Change". Thunder Bay Hydro is not claiming taxable capital.

### **3.2.8 Z-Factor Claims**

Thunder Bay Hydro is not requesting the recovery of costs associated with unforeseen events or extraordinary costs by means of a Z-Factor in this application.

## **3.3 Elements Specific Only to the Price Cap IR Plan**

### **3.3.1 / 3.3.2 Advanced Capital Model\Incremental Capital Module**

Thunder Bay Hydro is not proposing any Incremental Capital Module cost recovery in this application and as a result, not completed the 2018 Capital Module application to ACM and ICM.

### **3.3.3 Treatment of Costs for "Eligible Investments"**

Thunder Bay Hydro is not requesting advanced funding for renewable generation connection costs or smart grid development costs at this time.

### **3.3.4 Conservation and Demand Management Costs for Distributors**

Thunder Bay Hydro confirms, in accordance with the Section 3.3.4 of the *2016 Filing Requirements* that no CDM costs are included in distribution rates. These costs were excluded from Revenue Requirement calculations in Thunder Bay Hydro's 2017 Cost of Service Rate application.



### **3.3.5 Off Ramps**

Thunder Bay Hydro's RRR April 30, 2017 filing included a regulated achieved ROE for 2016 within the 300 basis point dead band. Thunder Bay Hydro has not exceeded the ROE dead band and continues to request a Price Cap IR adjustment in this application.

## **3.4 Specific Exclusions from Price Cap IR or Annual IR Index Applications**

Thunder Bay Hydro confirms that it is not seeking items specifically excluded from the IRM rate application process, in this application.

### **3.4.1 Specific Request**

Thunder Bay Hydro requests that during this IRM rate application the board review the wording and description surrounding its 2017 Board Approved Cost of Service Application (EB-2016-0105) Tariff of Rates and Charges. Particularly Thunder Bay Hydro would request that board staff pay attention to the description of Loss Factors being applied. During its Settlement process the board approved the rate design of Thunder Bay Hydro's customer classification, which moved one customer from a proposed Large Use classification, to a classification of "General Service 1,000kW or Greater". Following the approval of tariff and rates Thunder Bay Hydro noted that the description of loss factors does not considered the inclusion of this customer (or any future customers) which may exceed the 5,000kW. Thunder Bay proposes this be considered to provide consistency to the billing of the loss factor.

## **3.5 Bill Impacts**

The service and rate classifications, together with the associated electricity distribution rates included in the 2018 IRM models, are those approved by the Board in its Decision and Orders in Thunder Bay Hydro's 2017 Cost of Service Rate Application (EB-2016-0105).

The total bill impact to a Residential Regulated Price Plan customer with a monthly electricity consumption of 750 kWh's is an increase of \$3.85 or 3.8% per month (inc.HST and 8% rebate).

The total bill impact to a Residential Regulated Price Plan low energy customer with a monthly electricity consumption of 249 kWh's is an increase of \$2.43 or 4.9% per month (inc.HST and 8% rebate).

The total bill impact to a "General Service < 50 kW Service Classification" Regulated Price Plan customer with a monthly electricity consumption of 2,000 kWh's is an increase of \$8.82 or 3.1% per month (inc.HST and 8% rebate).

The following Table 7 includes a summary of the bill impacts for each rate class, based on the outcomes of the detailed bill impacts in Tab 20 of the 2018 IRM Rate Generator Model.

**Table 7: Bill Impact Summary**

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		A + B + C	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ (0.68)	-2.6%	\$ 1.87	7.2%	\$ 3.67	11.2%	\$ 3.85	3.8%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$ (1.77)	-2.7%	\$ 4.03	6.2%	\$ 8.40	10.3%	\$ 8.82	3.1%
GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.39	0.1%	\$ (66.40)	-10.5%	\$ 31.17	3.1%	\$ 35.22	0.5%
GENERAL SERVICE 1,000 kW or Greater SERVICE CLASSIFICATION - Non-RPP (Other)									
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.22	1.7%	\$ 1.40	11.0%	\$ 2.29	14.2%	\$ 2.59	4.2%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$ 0.28	2.0%	\$ 1.35	10.1%	\$ 1.98	12.7%	\$ 2.24	9.4%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 0.48	6.5%	\$ 1.31	19.8%	\$ 1.94	21.7%	\$ 2.19	9.7%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.88	3.9%	\$ 1.72	7.5%	\$ 2.32	9.2%	\$ 2.43	4.9%

Thunder Bay Hydro notes the total bill impacts for two of the rate classes of customers are nearing the 10% threshold (Section C) which is close to consideration for mitigation measures by distributors. It is important to note that the bill impacts before the (Section A) are significantly below the mitigation threshold and as a result, Thunder Bay Hydro does not propose any mitigation measures for these customer classes. Thunder Bay Hydro has no proposals available which would have a significant mitigating effect against the impact of rate change.

# **APPENDICES**

## **Appendix A: 2016 Rate Generator Model**



# Incentive Regulation Model for 2018 Filers

Version 1.1

Utility Name

Assigned EB Number

Name of Contact and Title

Phone Number

Email Address

We are applying for rates effective  +

Rate-Setting Method

Please indicate in which Rate Year the Group 1 accounts were last cleared<sup>1</sup>

Please indicate the last Cost of Service Re-Basing Year

### Legend

- Pale green cells represent input cells.
- Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.
- Pale grey cell represent auto-populated RRR data
- White cells contain fixed values, automatically generated values or formulae.

Note:

1. Rate year of application

*This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your IRM 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.*

Rate Class	Unit	Total Metered	Total Metered	Metered kWh for	Metered kW for	Metered kWh for	Metered kW for	Total Metered kWh	Total Metered kW	1595 Recovery	1595 Recovery	1595 Recovery	1595 Recovery	1595 Recovery	1568 LRAM Variance	Number of Customers
		kWh	kW	Non-RPP Customers (excluding WMP)	Non-RPP Customers (excluding WMP)	Wholesale Market Participants (WMP)	Wholesale Market Participants (WMP)	less WMP consumption (if applicable)	less WMP consumption (if applicable)	Proportion (2009) <sup>1</sup>	Proportion (2012) <sup>1</sup>	Proportion (2013) <sup>1</sup>	Proportion (2014) <sup>1</sup>	Proportion (2015) <sup>1</sup>	Account Class Allocation (\$ amounts)	for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	315,500,352	0	8,415,668	0	0	0	315,500,352	0	25%	34%	40%	40%	23%	0	45,602
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	134,542,472	4,107	24,164,318	4,107	0	0	134,542,472	4,107	14%	13%	19%	15%	10%	0	4,679
GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION	kW	260,339,783	665,597	217,734,534	537,954	0	0	260,339,783	665,597	33%	32%	25%	27%	40%	0	0
GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION	kW	171,289,395	522,457	171,289,395	522,457	0	0	171,289,395	522,457	26%	20%	14%	16%	25%	0	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,189,100	0	400,618	0	0	0	2,189,100	0	0%	0%	0%	0%	0%	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	112,347	308	0	0	0	0	112,347	308	0%	0%	0%	0%	0%	0	0
STREET LIGHTING SERVICE CLASSIFICATION	kW	8,453,755	21,735	8,386,956	21,561	0	0	8,453,755	21,735	1%	1%	1%	1%	2%	0	0
<b>Total</b>		892,427,204	1,214,204	430,391,489	1,086,079	0	0	892,427,204	1,214,204	100%	100%	100%	100%	100%	0	50,281

**Threshold Test**

Total Claim (including Account 1568) (\$632,186)  
Total Claim for Threshold Test (All Group 1 Accounts) (\$632,186)  
Threshold Test (Total claim per kWh) <sup>2</sup> (\$0.0007) Claim does not meet the threshold test.

1568 Account Balance from Continuity Schedule	0
Total Balance of Account 1568 in Column S matches the amount entered on the Continuity Schedule	

As per Section 3.2.5 of the 2018 Filing Requirements for Electricity Distribution Rate Applications, an applicant may elect to dispose of the Group 1 account balances below the threshold. If doing so, please select YES from the adjacent drop-down cell and also indicate so in the Manager's Summary. If not, please select NO.

YES

<sup>1</sup> Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

<sup>2</sup> The Threshold Test does not include the amount in 1568.

<sup>3</sup> The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.

No input required. This worksheet allocates the deferral/variance account balances (Group 1 and 1568) to the appropriate classes as per EDDVAR dated July 31, 2009

### Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP				allocated based on Total less WMP					1568		
				1550	1551	1580	1584	1586	1588	1595_(2009)	1595_(2012)	1595_(2013)		1595_(2014)	1595_(2015)
RESIDENTIAL SERVICE CLASSIFICATION	35.4%	90.7%	35.4%	0	(2,221)	(351,639)	(39,713)	31,525	286,429	(0)	238	513	(664)	(74,348)	0
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	15.1%	9.3%	15.1%	0	(228)	(149,953)	(16,935)	13,443	122,145	(0)	95	243	(257)	(30,611)	0
GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION	29.2%	0.0%	29.2%	0	0	(290,160)	(32,770)	26,013	236,351	(0)	223	320	(455)	(128,964)	0
GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION	19.2%	0.0%	19.2%	0	0	(190,909)	(21,561)	17,115	155,506	(0)	140	179	(270)	(81,706)	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	0	0	(2,440)	(276)	219	1,987	0	1	4	(4)	(499)	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	(125)	(14)	11	102	0	0	(0)	(0)	(23)	0
STREET LIGHTING SERVICE CLASSIFICATION	0.9%	0.0%	0.9%	0	0	(9,422)	(1,064)	845	7,675	(0)	10	11	(16)	(5,559)	0
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>0</b>	<b>(2,449)</b>	<b>(994,649)</b>	<b>(112,333)</b>	<b>89,171</b>	<b>810,195</b>	<b>(0)</b>	<b>706</b>	<b>1,268</b>	<b>(1,667)</b>	<b>(321,710)</b>	<b>0</b>

\*\* Used to allocate Account 1551 as this account records the variances arising from the Smart Metering Entity Charges to Residential and GS<50 customers.

1 Please enter the Year the Account 1589 GA Balance was Last Disposed.

2015

(e.g. If in the 2016 EDR process, you received approval to dispose the GA variance account balance as at December 31, 2014, enter 2014.)

2a Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from year after the balance was last disposed to 2016)?

No

(e.g. If you received approval to dispose the GA variance account balance as at December 31, 2014, the period the GA variance accumulated would be 2015 and 2016.)

3b Enter the number of customers who were Class A during the entire period since the Account 1589 GA balance accumulated (i.e. did not transition between Class A and B).

1

Clear All

**Class A Customers - Billing Determinants by Customer**

Customer	Rate Class		2016
Customer A1	GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION	kWh	37,352,640
		kW	84,673



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

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

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

Rate Rider Recovery to be used below

		Total Metered 2016 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2016 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider		
	kWh	kWh	kWh	kWh					
RESIDENTIAL SERVICE CLASSIFICATION	kWh	8,415,668	0	0	8,415,668	2.1%	(\$712)	-\$0.0001	kWh
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	24,164,318	0	0	24,164,318	6.1%	(\$2,044)	-\$0.0001	kWh
GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION	kWh	217,734,534	0	0	217,734,534	55.4%	(\$18,421)	-\$0.0001	kWh
GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION	kWh	171,289,395	37,352,640	0	133,936,755	34.1%	(\$11,332)	-\$0.0001	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	400,618	0	0	400,618	0.1%	(\$34)	-\$0.0001	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kWh	8,386,956	0	0	8,386,956	2.1%	(\$710)	-\$0.0001	kWh
<b>Total</b>		<b>430,391,489</b>	<b>37,352,640</b>	<b>0</b>	<b>393,038,849</b>	<b>100.0%</b>	<b>(\$33,253)</b>		

The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

Please select the Year(s) in which CBR Class B Balance accumulated in Cell B13.

2016

(Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

		Total Metered 2016 Consumption for Class A customers that were Class A for the entire period CBR Class B balance accumulated				Total Metered 2016 Consumption for Customers that Transitioned Between Class A and B during the period CBR Class B balance accumulated		Metered Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		Total Metered 2016 Consumption Minus WMP											
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	315,500,352	0	0	0	0	0	315,500,352	0	36.9%	(\$24,893)	-\$0.0001	kWh
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	134,542,472	4,107	0	0	0	0	134,542,472	4,107	15.7%	(\$10,616)	-\$0.0001	kWh
GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION	kWh	260,339,783	665,597	0	0	0	0	260,339,783	665,597	30.4%	(\$20,541)	-\$0.0309	kW
GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION	kWh	171,289,395	522,457	37,352,640	84,673	0	0	133,936,755	437,784	15.7%	(\$10,568)	-\$0.0241	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,189,100	0	0	0	0	0	2,189,100	0	0.3%	(\$173)	-\$0.0001	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	112,347	308	0	0	0	0	112,347	308	0.0%	(\$9)	-\$0.0292	kW
STREET LIGHTING SERVICE CLASSIFICATION	kWh	8,453,755	21,735	0	0	0	0	8,453,755	21,735	1.0%	(\$667)	-\$0.0307	kW
<b>Total</b>		892,427,204	1,214,204	37,352,640	84,673	0	0	855,074,564	1,129,531	100.0%	(\$67,467)		

**Input required at cell C13 only.** This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for Account 1568. Rate Riders will not be generated for the microFIT class.

Default Rate Rider Recovery Period (in months) 

12
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 Proposed Rate Rider Recovery Period (in months) 

12
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Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes <sup>2</sup>	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) <sup>2</sup>	Deferral/Variance Account Rate Rider for			Revenue Reconciliation <sup>1</sup>
								Deferral/Variance Account Rate Rider <sup>2</sup>	Non-WMP (if applicable) <sup>2</sup>	Account 1568 Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	315,500,352	0	315,500,352	0	(149,881)		(0.0005)		0.0000	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	134,542,472	4,107	134,542,472	4,107	(62,059)		(0.0005)		0.0000	
GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION	kW	260,339,783	665,597	260,339,783	665,597	(189,442)		(0.2846)		0.0000	
GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION	kW	171,289,395	522,457	171,289,395	522,457	(121,506)		(0.2326)		0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,189,100	0	2,189,100	0	(1,007)		(0.0005)		0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	112,347	308	112,347	308	(50)		(0.1612)		0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	8,453,755	21,735	8,453,755	21,735	(7,521)		(0.3460)		0.0000	
											(531,466.11)

<sup>1</sup> When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class B will not be taken into consideration if there are Class A customers since the rate riders, if any, are calculated separately.

<sup>2</sup> Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column G and disposed through a combined Deferral/Variance Account and Rate Rider.

## Summary - Sharing of Tax Change Forecast Amounts

For the 2017 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

### 1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2017	2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)		\$ -
Deduction from taxable capital up to \$15,000,000		\$ -
Net Taxable Capital	\$ -	\$ -
Rate	26.50%	0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -

### 2. Tax Related Amounts Forecast from Income Tax Rate Changes

Regulatory Taxable Income		\$ -
Corporate Tax Rate	11.50%	15.00%
Tax Impact		\$ -
<b>Grossed-up Tax Amount</b>		\$ -
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ -	\$ -
Total Tax Related Amounts	\$ -	\$ -
Incremental Tax Savings		\$ -
<b>Sharing of Tax Amount (50%)</b>		\$ -

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H.  
 As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed	Re-based Billed	Re-based Billed	Re-based	Re-based	Service Charge	Distribution	Distribution	Revenue	Service Charge	Distribution	Distribution	Total % Revenue	
		Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Service Charge	Distribution Volumetric Rate kWh		Distribution Volumetric Rate kW	Revenue kWh	Revenue kW	Requirement from Rates	% Revenue	% Revenue kWh		% Revenue kW
		A	B	C	D	E	F	G = A * D * 12	H = B * E	I = C * F	J = G + H + I	K = G / J	L = H / J	M = I / J	N = J / R
RESIDENTIAL SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
<b>Total</b>		0	0	0				0	0	0	0				0.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	315,500,352		0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	134,542,472	4,107	0	0.0000 kWh
GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION	kW	260,339,783	665,597	0	0.0000 kW
GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION	kW	171,289,395	522,457	0	0.0000 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,189,100		0	0.0000 kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	112,347	308	0	0.0000 kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	8,453,755	21,735	0	0.0000 kW
<b>Total</b>		892,427,204	1,214,204	\$0	

Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes in your manager's summary. As well, the Loss Factor has been imported from Tab 2.

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0048	315,500,352	0	1.0394	327,931,066
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	315,500,352	0	1.0394	327,931,066
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	134,542,472	4,107	1.0394	139,843,445
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033	134,542,472	4,107	1.0394	139,843,445
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8045	215,354,061	564,940		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2638	215,354,061	564,940		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	1.9141	44,985,722	100,657		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.3969	44,985,722	100,657		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9141	171,289,395	522,457		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3969	171,289,395	522,457		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	2,189,100	0	1.0394	2,275,351
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033	2,189,100	0	1.0394	2,275,351
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.3679	112,347	308		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9975	112,347	308		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.3608	8,453,755	21,735		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9770	8,453,755	21,735		

Uniform Transmission Rates		Unit	2016		2017		2018	
Rate Description			Rate		Rate		Rate	
Network Service Rate		kW	\$	3.66	\$	3.66	\$	3.66
Line Connection Service Rate		kW	\$	0.87	\$	0.87	\$	0.87
Transformation Connection Service Rate		kW	\$	2.02	\$	2.02	\$	2.02

Hydro One Sub-Transmission Rates		Unit	2016		2017		2018	
Rate Description			January - 2016	February - December 2016	Rate		Rate	
Network Service Rate		kW	\$ 3.4121	\$ 3.3396	\$	3.1942	\$	3.1942
Line Connection Service Rate		kW	\$ 0.7879	\$ 0.7791	\$	0.7710	\$	0.7710
Transformation Connection Service Rate		kW	\$ 1.8018	\$ 1.7713	\$	1.7493	\$	1.7493
Both Line and Transformation Connection Service Rate		kW	\$ 2.5897	\$ 2.5504	\$	2.5203	\$	2.5203

If needed, add extra host here. (I)		Unit	2016		2017		2018	
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	2016		2017		2018	
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	\$	-	\$	-	\$	-
			Historical 2016		Current 2017		Forecast 2018	
Low Voltage Switchgear Credit (if applicable, enter as a negative value)		\$						

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. 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 Transformation Connection columns are completed. If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	149,695	\$3.66	\$ 547,884	74,052	\$0.87	\$ 64,425	166,374	\$2.02	\$ 336,075	\$ 400,501
February	142,465	\$3.66	\$ 521,422	69,850	\$0.87	\$ 60,770	154,562	\$2.02	\$ 312,215	\$ 372,985
March	130,957	\$3.66	\$ 479,314	63,625	\$0.87	\$ 55,354	141,513	\$2.02	\$ 285,856	\$ 341,210
April	124,797	\$3.66	\$ 456,757	59,893	\$0.87	\$ 52,107	136,624	\$2.02	\$ 275,980	\$ 328,087
May	101,177	\$3.66	\$ 370,308	51,234	\$0.87	\$ 44,574	121,785	\$2.02	\$ 246,006	\$ 290,579
June	110,303	\$3.66	\$ 403,709	53,987	\$0.87	\$ 46,969	129,812	\$2.02	\$ 262,220	\$ 309,189
July	124,374	\$3.66	\$ 455,209	65,898	\$0.87	\$ 57,331	148,938	\$2.02	\$ 300,855	\$ 358,186
August	119,016	\$3.66	\$ 435,599	62,594	\$0.87	\$ 54,457	141,769	\$2.02	\$ 286,373	\$ 340,830
September	115,664	\$3.66	\$ 423,330	58,502	\$0.87	\$ 50,897	138,147	\$2.02	\$ 279,057	\$ 329,954
October	123,574	\$3.66	\$ 452,281	58,652	\$0.87	\$ 51,027	126,414	\$2.02	\$ 255,356	\$ 306,384
November	136,397	\$3.66	\$ 499,213	67,182	\$0.87	\$ 58,448	150,247	\$2.02	\$ 303,499	\$ 361,947
December	161,102	\$3.66	\$ 589,633	80,826	\$0.87	\$ 70,319	180,094	\$2.02	\$ 363,790	\$ 434,109
<b>Total</b>	<b>1,539,521</b>	<b>\$ 3.66</b>	<b>\$ 5,634,658</b>	<b>766,295</b>	<b>\$ 0.87</b>	<b>\$ 666,677</b>	<b>1,736,279</b>	<b>\$ 2.02</b>	<b>\$ 3,507,284</b>	<b>\$ 4,173,960</b>

Hydro One Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.0000			\$0.0000			\$0.0000		\$ -
February		\$0.0000			\$0.0000			\$0.0000		\$ -
March		\$0.0000			\$0.0000			\$0.0000		\$ -
April		\$0.0000			\$0.0000			\$0.0000		\$ -
May		\$0.0000			\$0.0000			\$0.0000		\$ -
June		\$0.0000			\$0.0000			\$0.0000		\$ -
July		\$0.0000			\$0.0000			\$0.0000		\$ -
August		\$0.0000			\$0.0000			\$0.0000		\$ -
September		\$0.0000			\$0.0000			\$0.0000		\$ -
October		\$0.0000			\$0.0000			\$0.0000		\$ -
November		\$0.0000			\$0.0000			\$0.0000		\$ -
December		\$0.0000			\$0.0000			\$0.0000		\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (I) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection
	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>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (II) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection
	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>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	149,695	\$ 3.6600	\$ 547,884	74,052	\$ 0.8700	\$ 64,425	166,374	\$ 2.0200	\$ 336,075	\$ 400,501
February	142,465	\$ 3.6601	\$ 521,422	69,850	\$ 0.8700	\$ 60,770	154,562	\$ 2.0200	\$ 312,215	\$ 372,985
March	130,957	\$ 3.6601	\$ 479,314	63,625	\$ 0.8700	\$ 55,354	141,513	\$ 2.0200	\$ 285,856	\$ 341,210
April	124,797	\$ 3.6600	\$ 456,757	59,893	\$ 0.8700	\$ 52,107	136,624	\$ 2.0200	\$ 275,980	\$ 328,087
May	101,177	\$ 3.6600	\$ 370,308	51,234	\$ 0.8700	\$ 44,574	121,785	\$ 2.0200	\$ 246,006	\$ 290,579
June	110,303	\$ 3.6600	\$ 403,709	53,987	\$ 0.8700	\$ 46,969	129,812	\$ 2.0200	\$ 262,220	\$ 309,189
July	124,374	\$ 3.6600	\$ 455,209	65,898	\$ 0.8700	\$ 57,331	148,938	\$ 2.0200	\$ 300,855	\$ 358,186
August	119,016	\$ 3.6600	\$ 435,599	62,594	\$ 0.8700	\$ 54,457	141,769	\$ 2.0200	\$ 286,373	\$ 340,830
September	115,664	\$ 3.6600	\$ 423,330	58,502	\$ 0.8700	\$ 50,897	138,147	\$ 2.0200	\$ 279,057	\$ 329,954
October	123,574	\$ 3.6600	\$ 452,281	58,652	\$ 0.8700	\$ 51,027	126,414	\$ 2.0200	\$ 255,356	\$ 306,384
November	136,397	\$ 3.6600	\$ 499,213	67,182	\$ 0.8700	\$ 58,448	150,247	\$ 2.0200	\$ 303,499	\$ 361,947
December	161,102	\$ 3.6600	\$ 589,633	80,826	\$ 0.8700	\$ 70,319	180,094	\$ 2.0200	\$ 363,790	\$ 434,109
<b>Total</b>	<b>1,539,521</b>	<b>\$ 3.66</b>	<b>\$ 5,634,658</b>	<b>766,295</b>	<b>\$ 0.87</b>	<b>\$ 666,677</b>	<b>1,736,279</b>	<b>\$ 2.02</b>	<b>\$ 3,507,284</b>	<b>\$ 4,173,960</b>

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 4,173,960



The purpose of this sheet is to calculate the expected billing when current 2017 Uniform Transmission Rates are applied against historical 2016 transmission units.

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	149,695	\$ 3.6600	\$ 547,884	74,052	\$ 0.8700	\$ 64,425	166,374	\$ 2.0200	\$ 336,075				\$ 400,501
February	142,465	\$ 3.6600	\$ 521,422	69,850	\$ 0.8700	\$ 60,770	154,562	\$ 2.0200	\$ 312,215				\$ 372,985
March	130,957	\$ 3.6600	\$ 479,303	63,625	\$ 0.8700	\$ 55,354	141,513	\$ 2.0200	\$ 285,856				\$ 341,210
April	124,797	\$ 3.6600	\$ 456,757	59,893	\$ 0.8700	\$ 52,107	136,624	\$ 2.0200	\$ 275,980				\$ 328,087
May	101,177	\$ 3.6600	\$ 370,308	51,234	\$ 0.8700	\$ 44,574	121,785	\$ 2.0200	\$ 246,006				\$ 290,579
June	110,303	\$ 3.6600	\$ 403,709	53,987	\$ 0.8700	\$ 46,969	129,812	\$ 2.0200	\$ 262,220				\$ 309,189
July	124,374	\$ 3.6600	\$ 455,209	65,898	\$ 0.8700	\$ 57,331	148,938	\$ 2.0200	\$ 300,855				\$ 358,186
August	119,016	\$ 3.6600	\$ 435,599	62,594	\$ 0.8700	\$ 54,457	141,769	\$ 2.0200	\$ 286,373				\$ 340,830
September	115,664	\$ 3.6600	\$ 423,330	58,502	\$ 0.8700	\$ 50,897	138,147	\$ 2.0200	\$ 279,057				\$ 329,954
October	123,574	\$ 3.6600	\$ 452,281	58,652	\$ 0.8700	\$ 51,027	126,414	\$ 2.0200	\$ 255,356				\$ 306,384
November	136,397	\$ 3.6600	\$ 499,213	67,182	\$ 0.8700	\$ 58,448	150,247	\$ 2.0200	\$ 303,499				\$ 361,947
December	161,102	\$ 3.6600	\$ 589,633	80,826	\$ 0.8700	\$ 70,319	180,094	\$ 2.0200	\$ 363,790				\$ 434,109
<b>Total</b>	<b>1,539,521</b>	<b>\$ 3.66</b>	<b>\$ 5,634,647</b>	<b>766,295</b>	<b>\$ 0.87</b>	<b>\$ 666,677</b>	<b>1,736,279</b>	<b>\$ 2.02</b>	<b>\$ 3,507,284</b>				<b>\$ 4,173,960</b>

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (I)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	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>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (II)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	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>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	149,695	\$ 3.6600	\$ 547,884	74,052	\$ 0.8700	\$ 64,425	166,374	\$ 2.0200	\$ 336,075				\$ 400,501
February	142,465	\$ 3.6600	\$ 521,422	69,850	\$ 0.8700	\$ 60,770	154,562	\$ 2.0200	\$ 312,215				\$ 372,985
March	130,957	\$ 3.6600	\$ 479,303	63,625	\$ 0.8700	\$ 55,354	141,513	\$ 2.0200	\$ 285,856				\$ 341,210
April	124,797	\$ 3.6600	\$ 456,757	59,893	\$ 0.8700	\$ 52,107	136,624	\$ 2.0200	\$ 275,980				\$ 328,087
May	101,177	\$ 3.6600	\$ 370,308	51,234	\$ 0.8700	\$ 44,574	121,785	\$ 2.0200	\$ 246,006				\$ 290,579
June	110,303	\$ 3.6600	\$ 403,709	53,987	\$ 0.8700	\$ 46,969	129,812	\$ 2.0200	\$ 262,220				\$ 309,189
July	124,374	\$ 3.6600	\$ 455,209	65,898	\$ 0.8700	\$ 57,331	148,938	\$ 2.0200	\$ 300,855				\$ 358,186
August	119,016	\$ 3.6600	\$ 435,599	62,594	\$ 0.8700	\$ 54,457	141,769	\$ 2.0200	\$ 286,373				\$ 340,830
September	115,664	\$ 3.6600	\$ 423,330	58,502	\$ 0.8700	\$ 50,897	138,147	\$ 2.0200	\$ 279,057				\$ 329,954
October	123,574	\$ 3.6600	\$ 452,281	58,652	\$ 0.8700	\$ 51,027	126,414	\$ 2.0200	\$ 255,356				\$ 306,384
November	136,397	\$ 3.6600	\$ 499,213	67,182	\$ 0.8700	\$ 58,448	150,247	\$ 2.0200	\$ 303,499				\$ 361,947
December	161,102	\$ 3.6600	\$ 589,633	80,826	\$ 0.8700	\$ 70,319	180,094	\$ 2.0200	\$ 363,790				\$ 434,109
<b>Total</b>	<b>1,539,521</b>	<b>\$ 3.66</b>	<b>\$ 5,634,647</b>	<b>766,295</b>	<b>\$ 0.87</b>	<b>\$ 666,677</b>	<b>1,736,279</b>	<b>\$ 2.02</b>	<b>\$ 3,507,284</b>				<b>\$ 4,173,960</b>

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 4,173,960

The purpose of this sheet is to calculate the expected billing when forecasted 2018 Uniform Transmission Rates are applied against historical 2016 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	149,695	\$ 3.6600	\$ 547,884	74,052	\$ 0.8700	\$ 64,425	166,374	\$ 2.0200	\$ 336,075	\$ 400,501
February	142,465	\$ 3.6600	\$ 521,422	69,850	\$ 0.8700	\$ 60,770	154,562	\$ 2.0200	\$ 312,215	\$ 372,985
March	130,957	\$ 3.6600	\$ 479,303	63,625	\$ 0.8700	\$ 55,354	141,513	\$ 2.0200	\$ 285,856	\$ 341,210
April	124,797	\$ 3.6600	\$ 456,757	59,893	\$ 0.8700	\$ 52,107	136,624	\$ 2.0200	\$ 275,980	\$ 328,087
May	101,177	\$ 3.6600	\$ 370,308	51,234	\$ 0.8700	\$ 44,574	121,785	\$ 2.0200	\$ 246,006	\$ 290,579
June	110,303	\$ 3.6600	\$ 403,709	53,987	\$ 0.8700	\$ 46,969	129,812	\$ 2.0200	\$ 262,220	\$ 309,189
July	124,374	\$ 3.6600	\$ 455,209	65,898	\$ 0.8700	\$ 57,331	148,938	\$ 2.0200	\$ 300,855	\$ 358,186
August	119,016	\$ 3.6600	\$ 435,599	62,594	\$ 0.8700	\$ 54,457	141,769	\$ 2.0200	\$ 286,373	\$ 340,830
September	115,664	\$ 3.6600	\$ 423,330	58,502	\$ 0.8700	\$ 50,897	138,147	\$ 2.0200	\$ 279,057	\$ 329,954
October	123,574	\$ 3.6600	\$ 452,281	58,652	\$ 0.8700	\$ 51,027	126,414	\$ 2.0200	\$ 255,356	\$ 306,384
November	136,397	\$ 3.6600	\$ 499,213	67,182	\$ 0.8700	\$ 58,448	150,247	\$ 2.0200	\$ 303,499	\$ 361,947
December	161,102	\$ 3.6600	\$ 589,633	80,826	\$ 0.8700	\$ 70,319	180,094	\$ 2.0200	\$ 363,790	\$ 434,109
<b>Total</b>	<b>1,539,521</b>	<b>\$ 3.66</b>	<b>\$ 5,634,647</b>	<b>766,295</b>	<b>\$ 0.87</b>	<b>\$ 666,677</b>	<b>1,736,279</b>	<b>\$ 2.02</b>	<b>\$ 3,507,284</b>	<b>\$ 4,173,960</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
February	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
March	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
April	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
May	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
June	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
July	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
August	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
September	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
October	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
November	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
December	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
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>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
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>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	149,695	\$ 3.66	\$ 547,884	74,052	\$ 0.87	\$ 64,425	166,374	\$ 2.02	\$ 336,075	\$ 400,501
February	142,465	\$ 3.66	\$ 521,422	69,850	\$ 0.87	\$ 60,770	154,562	\$ 2.02	\$ 312,215	\$ 372,985
March	130,957	\$ 3.66	\$ 479,303	63,625	\$ 0.87	\$ 55,354	141,513	\$ 2.02	\$ 285,856	\$ 341,210
April	124,797	\$ 3.66	\$ 456,757	59,893	\$ 0.87	\$ 52,107	136,624	\$ 2.02	\$ 275,980	\$ 328,087
May	101,177	\$ 3.66	\$ 370,308	51,234	\$ 0.87	\$ 44,574	121,785	\$ 2.02	\$ 246,006	\$ 290,579
June	110,303	\$ 3.66	\$ 403,709	53,987	\$ 0.87	\$ 46,969	129,812	\$ 2.02	\$ 262,220	\$ 309,189
July	124,374	\$ 3.66	\$ 455,209	65,898	\$ 0.87	\$ 57,331	148,938	\$ 2.02	\$ 300,855	\$ 358,186
August	119,016	\$ 3.66	\$ 435,599	62,594	\$ 0.87	\$ 54,457	141,769	\$ 2.02	\$ 286,373	\$ 340,830
September	115,664	\$ 3.66	\$ 423,330	58,502	\$ 0.87	\$ 50,897	138,147	\$ 2.02	\$ 279,057	\$ 329,954
October	123,574	\$ 3.66	\$ 452,281	58,652	\$ 0.87	\$ 51,027	126,414	\$ 2.02	\$ 255,356	\$ 306,384
November	136,397	\$ 3.66	\$ 499,213	67,182	\$ 0.87	\$ 58,448	150,247	\$ 2.02	\$ 303,499	\$ 361,947
December	161,102	\$ 3.66	\$ 589,633	80,826	\$ 0.87	\$ 70,319	180,094	\$ 2.02	\$ 363,790	\$ 434,109
<b>Total</b>	<b>1,539,521</b>	<b>\$ 3.66</b>	<b>\$ 5,634,647</b>	<b>766,295</b>	<b>\$ 0.87</b>	<b>\$ 666,677</b>	<b>1,736,279</b>	<b>\$ 2.02</b>	<b>\$ 3,507,284</b>	<b>\$ 4,173,960</b>

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 4,173,960

The purpose of this table 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 Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0048	327,931,066	0	1,574,069	35.2%	1,984,211	0.0061
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	139,843,445	4,107	643,280	14.4%	810,894	0.0058
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8045		564,940	1,019,434	22.8%	1,285,059	2.2747
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	1.9141		100,657	192,668	4.3%	242,869	2.4128
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9141		522,457	1,000,035	22.4%	1,260,605	2.4128
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	2,275,351	0	10,467	0.2%	13,194	0.0058
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.3679		308	421	0.0%	531	1.7243
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.3608		21,735	29,577	0.7%	37,284	1.7154

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 Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	327,931,066	0	1,180,552	36.3%	1,513,623	0.0046
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033	139,843,445	4,107	461,483	14.2%	591,682	0.0042
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2638		564,940	713,971	21.9%	915,405	1.6204
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.3969		100,657	140,608	4.3%	180,278	1.7910
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3969		522,457	729,820	22.4%	935,725	1.7910
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033	2,275,351	0	7,509	0.2%	9,627	0.0042
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9975		308	307	0.0%	394	1.2789
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9770		21,735	21,235	0.7%	27,226	1.2526

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 Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	327,931,066	0	1,984,211	35.2%	1,984,211	0.0061
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0058	139,843,445	4,107	810,894	14.4%	810,894	0.0058
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2747		564,940	1,285,059	22.8%	1,285,059	2.2747
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.4128		100,657	242,869	4.3%	242,869	2.4128
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4128		522,457	1,260,605	22.4%	1,260,605	2.4128
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0058	2,275,351	0	13,194	0.2%	13,194	0.0058
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7243		308	531	0.0%	531	1.7243
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7154		21,735	37,284	0.7%	37,284	1.7154

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 Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046	327,931,066	0	1,513,623	36.3%	1,513,623	0.0046
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042	139,843,445	4,107	591,682	14.2%	591,682	0.0042
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6204		564,940	915,405	21.9%	915,405	1.6204
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.7910		100,657	180,278	4.3%	180,278	1.7910
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7910		522,457	935,725	22.4%	935,725	1.7910
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0042	2,275,351	0	9,627	0.2%	9,627	0.0042
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2789		308	394	0.0%	394	1.2789
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2526		21,735	27,226	0.7%	27,226	1.2526

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2017 values and will be updated by OEB staff at a later date.

Price Escalator	1.90%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	45,527	Effective Year of Residential Rate Design Transition (yyyy)	2018
Choose Stretch Factor Group	III	Price Cap Index	1.60%	Billed kWh for Residential Class (approved in the last CoS)	336,114,686	OEB-approved # of Transition Years	2
Associated Stretch Factor Value	0.30%			Rate Design Transition Years Left	2		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	19.75		0.0074		1.60%	22.38	0.0038
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	27.14		0.0176		1.60%	27.57	0.0179
GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION	204.24		3.3206		1.60%	207.51	3.3737
GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION	2922.18			2.7988	1.60%	2,968.93	2.8436
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	8.08		0.0118		1.60%	8.21	0.0120
SENTINEL LIGHTING SERVICE CLASSIFICATION	7.98		6.4011		1.60%	8.11	6.5035
STREET LIGHTING SERVICE CLASSIFICATION	1.11		6.6722		1.60%	1.13	6.7790
microFIT SERVICE CLASSIFICATION	5.4					5.4	

Rate Design Transition	Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates <sup>1</sup>	Revenue at New F/V Split
Current Residential Fixed Rate (inclusive of R/C adj.)	19.7500	10,789,899	81.3%	2.28	90.6%	22.03	12,035,518
Current Residential Variable Rate (inclusive of R/C adj.)	0.0074	2,487,249	18.7%		9.4%	0.0037	1,243,624
		13,277,148					13,279,142

<sup>1</sup> These are the residential rates to which the Price Cap Index will be applied to. Wheeling Service Rate will be adjusted for PCI on Sheet 19.

**Update the following rates if an OEB Decision has been issued at the time of completing this application**

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

**Time-of-Use RPP Prices**

<b>As of</b>		<b>July 1, 2017</b>
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0950
On-Peak	\$/kWh	0.1320

**Debt Retirement Charge (DRC)**

Debt Retirement Charge (DRC)	\$/kWh	0.0070
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If your utility's DRC differs from the value in Cell D29, please update this value.

## **Appendix B: Current 2017 Tariff and Schedule of Rates**

# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective Date September 1, 2017

Implementation Date October 1, 2017

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. 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	\$	19.75
Rate Rider for Recovery of Foregone Revenue - effective until April 30, 2018	\$	0.64
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$	0.34
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0074
Rate Rider for Recovery of Foregone Revenue - effective until April 30, 2018	\$/kWh	(0.0003)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0040)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0048
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036

### MONTHLY RATES AND CHARGES - Regulatory Component

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

## GENERAL SERVICE LESS THAN 50 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.

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	\$	27.14
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0176
Rate Rider for Recovery of Foregone Revenue - effective until April 30, 2018	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0035)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kWh	0.0009
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 - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



## 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.

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.

The rate rider for the disposition of Class B WMS - Sub account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B during the variance account accumulation period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	204.24
Distribution Volumetric Rate	\$/kW	3.3206
	\$/kW	0.1030
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(1.3875)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kW	(0.0255)
Retail Transmission Rate - Network Service Rate	\$/kW	1.8045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2638
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	1.9141
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.3969

### MONTHLY RATES AND CHARGES - Regulatory Component

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

## GENERAL SERVICE GREATER THAN 1.000 KW SERVICE

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.

The rate rider for the disposition of Class B WMS - Sub account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B during the variance account accumulation period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	2,922.18
Distribution Volumetric Rate	\$/kW	2.7988
Rate Rider for Recovery of Foregone Revenue - effective until April 30, 2018	\$/kW	0.0700
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(1.2605)
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	0.0040
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kW	(0.0438)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9141
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3969

### MONTHLY RATES AND CHARGES - Regulatory Component

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

## 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)	\$	8.08
Rate Rider for Recovery of Foregone Revenue - effective until April 30, 2018	\$	0.15
Distribution Volumetric Rate	\$/kWh	0.0118
Rate Rider for Recovery of Foregone Revenue - effective until April 30, 2018	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0035)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kWh	(0.0006)
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 - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## 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)	\$	7.98
Rate Rider for Recovery of Foregone Revenue - effective until April 30, 2018	\$	0.15
Distribution Volumetric Rate	\$/kW	6.4011
Rate Rider for Recovery of Foregone Revenue - effective until April 30, 2018	\$/kW	0.1168
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(1.2522)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kW	(0.3178)
Retail Transmission Rate - Network Service Rate	\$/kW	1.3679
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9975

### 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

## 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)	\$	1.11
	\$	(0.01)
Distribution Volumetric Rate	\$/kW	6.6722
Rate Rider for Recovery of Foregone Revenue - effective until April 30, 2018	\$/kW	(0.0471)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(1.2150)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kW	0.0040
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) - effective until April 30, 2018	\$/kW	(0.3002)
Retail Transmission Rate - Network Service Rate	\$/kW	1.3608
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9770

### MONTHLY RATES AND CHARGES - Regulatory Component

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

## 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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### ALLOWANCES

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

## 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	1.0394
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0290

## **Appendix C: Proposed 2018 Schedule and Tariff of Rates**



# Thunder Bay Hydro Electricity Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

approved schedules of Rates, Charges and Loss Factors

EB-2017-0075

### 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. 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	\$	22.38
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0038
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0005)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable only for Class B Customers	\$/kWh	(0.0001)
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 - not including CBR	\$/kWh	0.0032
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003

## Standard Supply Service - Administrative Charge (if applicable)

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.

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	\$	27.57
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0179
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0005)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable only for Class B Customers	\$/kWh	(0.0001)
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 - not including CBR	\$/kWh	0.0032
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00

## Standard Supply Service - Administrative Charge (if applicable)

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.

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.

The rate rider for the disposition of Class B WMS - Sub account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B during the variance account accumulation period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	207.51
Distribution Volumetric Rate	\$/kW	3.3737
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.2846)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable only for Class B Customers	\$/kWh	(0.0309)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2747
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6204
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.4128
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.7910

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate - not including CBR	\$/kWh	0.0032
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00

## Standard Supply Service - Administrative Charge (if applicable)

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.

The rate rider for the disposition of Class B WMS - Sub account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B during the variance account accumulation period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	2,968.93
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.2326)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable only for Class B Customers	\$/kWh	(0.0241)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4128
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7910

### MONTHLY RATES AND CHARGES - Regulatory Component

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

Rural or Remote Electricity Rate Protection Charge (RRRP)

\$/kWh

0.00

## Standard Supply Service - Administrative Charge (if applicable)

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)	\$	8.21
Distribution Volumetric Rate	\$/kWh	0.0120
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0005)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable only for Class B Customers	\$/kWh	(0.0001)
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 - not including CBR	\$/kWh	0.0032
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00

## Standard Supply Service - Administrative Charge (if applicable)

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)	\$	8.11
Distribution Volumetric Rate	\$/kW	6.5035
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.1612)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable only for Class B Customers	\$/kWh	(0.0292)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7243
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2789

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00

## Standard Supply Service - Administrative Charge (if applicable)

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)	\$	1.13
Distribution Volumetric Rate	\$/kW	6.7790
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3460)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable only for Class B Customers	\$/kWh	(0.0307)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7154
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2526

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate - not including CBR	\$/kWh	0.0032
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00

## Standard Supply Service - Administrative Charge (if applicable)

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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### ALLOWANCES

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



## **Appendix D: Bill Impacts**



Customer Class: **RESIDENTIAL SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption **750** kWh

Demand **-** kW

Current Loss Factor **1.0394**

Proposed/Approved Loss Factor **1.0394**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 19.75	1	\$ 19.75	\$ 22.38	1	\$ 22.38	\$ 2.63	13.32%
Distribution Volumetric Rate	\$ 0.0074	750	\$ 5.55	\$ 0.0038	750	\$ 2.85	\$ (2.70)	-48.65%
Fixed Rate Riders	\$ 0.98	1	\$ 0.98	\$ -	1	\$ -	\$ (0.98)	-100.00%
Volumetric Rate Riders	\$ 0.0005	750	\$ (0.38)	\$ -	750	\$ -	\$ 0.38	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 25.91</b>			<b>\$ 25.23</b>	<b>\$ (0.68)</b>	<b>-2.62%</b>
Line Losses on Cost of Power	\$ 0.0822	30	\$ 2.43	\$ 0.0822	30	\$ 2.43	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0040	750	\$ (3.00)	\$ 0.0005	750	\$ (0.38)	\$ 2.63	-87.50%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ 0.0001	750	\$ (0.08)	\$ (0.08)	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Additional Volumetric Rate Riders (Sheet 18)		750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 26.13</b>			<b>\$ 28.00</b>	<b>\$ 1.87</b>	<b>7.17%</b>
RTSR - Network	\$ 0.0048	780	\$ 3.74	\$ 0.0061	780	\$ 4.76	\$ 1.01	27.08%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	780	\$ 2.81	\$ 0.0046	780	\$ 3.59	\$ 0.78	27.78%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 32.67</b>			<b>\$ 36.34</b>	<b>\$ 3.67</b>	<b>11.22%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	780	\$ 2.81	\$ 0.0036	780	\$ 2.81	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	780	\$ 0.23	\$ 0.0003	780	\$ 0.23	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	128	\$ 12.11	\$ 0.0950	128	\$ 12.11	\$ -	0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 97.58</b>			<b>\$ 101.25</b>	<b>\$ 3.67</b>	<b>3.76%</b>
HST	13%		\$ 12.69	13%		\$ 13.16	\$ 0.48	3.76%
8% Rebate	8%		\$ (7.81)	8%		\$ (8.10)	\$ (0.29)	
<b>Total Bill on TOU</b>			<b>\$ 102.46</b>			<b>\$ 106.31</b>	<b>\$ 3.85</b>	<b>3.76%</b>

Customer Class: **GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption **2,000** kWh

Demand **-** kW

Current Loss Factor **1.0394**

Proposed/Approved Loss Factor **1.0394**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.14	1	\$ 27.14	\$ 27.57	1	\$ 27.57	\$ 0.43	1.58%
Distribution Volumetric Rate	\$ 0.0176	2000	\$ 35.20	\$ 0.0179	2000	\$ 35.80	\$ 0.60	1.70%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0014	2000	\$ 2.80	\$ -	2000	\$ -	\$ (2.80)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 65.14			\$ 63.37	\$ (1.77)	-2.72%
Line Losses on Cost of Power	\$ 0.0822	79	\$ 6.47	\$ 0.0822	79	\$ 6.47	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0035	2,000	\$ (7.00)	-\$ 0.0005	2,000	\$ (1.00)	\$ 6.00	-85.71%
CBR Class B Rate Riders	\$ -	2,000	\$ -	-\$ 0.0001	2,000	\$ (0.20)	\$ (0.20)	-
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Additional Volumetric Rate Riders (Sheet 18)		2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 65.40			\$ 69.43	\$ 4.03	6.16%
RTSR - Network	\$ 0.0046	2,079	\$ 9.56	\$ 0.0058	2,079	\$ 12.06	\$ 2.49	26.09%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0033	2,079	\$ 6.86	\$ 0.0042	2,079	\$ 8.73	\$ 1.87	27.27%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 81.83			\$ 90.22	\$ 8.40	10.26%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,079	\$ 7.48	\$ 0.0036	2,079	\$ 7.48	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,079	\$ 0.62	\$ 0.0003	2,079	\$ 0.62	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	340	\$ 32.30	\$ 0.0950	340	\$ 32.30	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 268.50			\$ 276.90	\$ 8.40	3.13%
HST		13%	\$ 34.91		13%	\$ 36.00	\$ 1.09	3.13%
8% Rebate		8%	\$ (21.48)		8%	\$ (22.15)	\$ (0.67)	-
<b>Total Bill on TOU</b>			\$ 281.93			\$ 290.74	\$ 8.82	3.13%

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 **1.0394**

Proposed/Approved Loss Factor **1.0394**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 204.24	1	\$ 204.24	\$ 207.51	1	\$ 207.51	\$ 3.27	1.60%
Distribution Volumetric Rate	\$ 3.3206	118	\$ 391.83	\$ 3.3737	118	\$ 398.10	\$ 6.27	1.60%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0775	118	\$ 9.15	\$ -	118	\$ -	\$ (9.15)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 605.22</b>			<b>\$ 605.61</b>	<b>\$ 0.39</b>	<b>0.06%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 1.3875	118	\$ (163.73)	-\$ 0.2846	118	\$ (33.58)	\$ 130.14	-79.49%
CBR Class B Rate Riders	\$ -	118	\$ -	-\$ 0.0309	118	\$ (3.65)	\$ (3.65)	
GA Rate Riders	\$ 0.0040	47,142	\$ 188.57	-\$ 0.0001	47,142	\$ (4.71)	\$ (193.28)	-102.50%
Low Voltage Service Charge	\$ -	118	\$ -	\$ -	118	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		118	\$ -	\$ -	118	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 630.06</b>			<b>\$ 563.66</b>	<b>\$ (66.40)</b>	<b>-10.54%</b>
RTSR - Network	\$ 1.8045	118	\$ 212.93	\$ 2.2747	118	\$ 268.41	\$ 55.48	26.06%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.2638	118	\$ 149.13	\$ 1.6204	118	\$ 191.21	\$ 42.08	28.22%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 992.12</b>			<b>\$ 1,023.29</b>	<b>\$ 31.17</b>	<b>3.14%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	48,999	\$ 176.40	\$ 0.0036	48,999	\$ 176.40	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	48,999	\$ 14.70	\$ 0.0003	48,999	\$ 14.70	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	47,142	\$ 329.99	\$ 0.0070	47,142	\$ 329.99	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	48,999	\$ 5,394.83	\$ 0.1101	48,999	\$ 5,394.83	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 6,908.29</b>			<b>\$ 6,939.46</b>	<b>\$ 31.17</b>	<b>0.45%</b>
HST		13%	\$ 898.08		13%	\$ 902.13	\$ 4.05	0.45%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 7,806.37</b>			<b>\$ 7,841.59</b>	<b>\$ 35.22</b>	<b>0.45%</b>

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 **1.0239**

Proposed/Approved Loss Factor **1.0239**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2,922.18	1	\$ 2,922.18	\$ 2,968.93	1	\$ 2,968.93	\$ 46.75	1.60%
Distribution Volumetric Rate	\$ -	1509	\$ -	\$ -	1509	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0262	1509	\$ 39.54	\$ -	1509	\$ -	\$ (39.54)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 2,961.72</b>			<b>\$ 2,968.93</b>	<b>\$ 7.21</b>	<b>0.24%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 1.2605	1,509	\$ (1,902.09)	-\$ 0.2326	1,509	\$ (350.99)	\$ 1,551.10	-81.55%
CBR Class B Rate Riders	\$ -	1,509	\$ -	-\$ 0.0241	1,509	\$ (36.37)	\$ (36.37)	
GA Rate Riders	\$ 0.0040	531,688	\$ 2,126.75	-\$ 0.0001	531,688	\$ (53.17)	\$ (2,179.92)	-102.50%
Low Voltage Service Charge	\$ -	1,509	\$ -	\$ -	1,509	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		1,509	\$ -	\$ -	1,509	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 3,186.37</b>			<b>\$ 2,528.40</b>	<b>\$ (657.97)</b>	<b>-20.65%</b>
RTSR - Network	\$ 1.9141	1,509	\$ 2,888.38	\$ 2.4128	1,509	\$ 3,640.92	\$ 752.54	26.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3969	1,509	\$ 2,107.92	\$ 1.7910	1,509	\$ 2,702.62	\$ 594.70	28.21%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 8,182.67</b>			<b>\$ 8,871.94</b>	<b>\$ 689.26</b>	<b>8.42%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	544,395	\$ 1,959.82	\$ 0.0036	544,395	\$ 1,959.82	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	544,395	\$ 163.32	\$ 0.0003	544,395	\$ 163.32	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	531,688	\$ 3,721.82	\$ 0.0070	531,688	\$ 3,721.82	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	544,395	\$ 59,937.93	\$ 0.1101	544,395	\$ 59,937.93	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 73,965.81</b>			<b>\$ 74,655.07</b>	<b>\$ 689.26</b>	<b>0.93%</b>
HST		13%	\$ 9,615.55		13%	\$ 9,705.16	\$ 89.60	0.93%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 83,581.36</b>			<b>\$ 84,360.23</b>	<b>\$ 778.87</b>	<b>0.93%</b>

Customer Class: **UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption **407** kWh

Demand **-** kW

Current Loss Factor **1.0394**

Proposed/Approved Loss Factor **1.0394**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 8.08	1	\$ 8.08	\$ 8.21	1	\$ 8.21	\$ 0.13	1.61%
Distribution Volumetric Rate	\$ 0.0118	407	\$ 4.80	\$ 0.0120	407	\$ 4.88	\$ 0.08	1.69%
Fixed Rate Riders	\$ 0.15	1	\$ 0.15	\$ -	1	\$ -	\$ (0.15)	-100.00%
Volumetric Rate Riders	-\$ 0.0004	407	\$ (0.16)	\$ -	407	\$ -	\$ 0.16	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ <b>12.87</b>			\$ <b>13.09</b>	\$ <b>0.22</b>	<b>1.74%</b>
Line Losses on Cost of Power	\$ 0.0822	16	\$ 1.32	\$ 0.0822	16	\$ 1.32	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0035	407	\$ (1.42)	-\$ 0.0005	407	\$ (0.20)	\$ 1.22	-85.71%
CBR Class B Rate Riders	\$ -	407	\$ -	-\$ 0.0001	407	\$ (0.04)	\$ (0.04)	
GA Rate Riders	\$ -	407	\$ -	\$ -	407	\$ -	\$ -	
Low Voltage Service Charge	\$ -	407	\$ -	\$ -	407	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		407	\$ -	\$ -	407	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ <b>12.76</b>			\$ <b>14.17</b>	\$ <b>1.40</b>	<b>11.00%</b>
RTSR - Network	\$ 0.0046	423	\$ 1.95	\$ 0.0058	423	\$ 2.45	\$ 0.51	26.09%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0033	423	\$ 1.40	\$ 0.0042	423	\$ 1.78	\$ 0.38	27.27%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ <b>16.10</b>			\$ <b>18.40</b>	\$ <b>2.29</b>	<b>14.24%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	423	\$ 1.52	\$ 0.0036	423	\$ 1.52	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	423	\$ 0.13	\$ 0.0003	423	\$ 0.13	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	407	\$ 2.85	\$ 0.0070	407	\$ 2.85	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	265	\$ 17.20	\$ 0.0650	265	\$ 17.20	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	69	\$ 6.57	\$ 0.0950	69	\$ 6.57	\$ -	0.00%
TOU - On Peak	\$ 0.1320	73	\$ 9.67	\$ 0.1320	73	\$ 9.67	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ <b>54.29</b>			\$ <b>56.59</b>	\$ <b>2.29</b>	<b>4.22%</b>
HST	13%		\$ 7.06	13%		\$ 7.36	\$ 0.30	4.22%
<b>Total Bill on TOU</b>			\$ <b>61.35</b>			\$ <b>63.94</b>	\$ <b>2.59</b>	<b>4.22%</b>

Customer Class: **SENTINEL LIGHTING SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption **55** kWh

Demand **1** kW

Current Loss Factor **1.0394**

Proposed/Approved Loss Factor **1.0394**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.98	1	\$ 7.98	\$ 8.11	1	\$ 8.11	\$ 0.13	1.63%
Distribution Volumetric Rate	\$ 6.4011	1	\$ 6.40	\$ 6.5035	1	\$ 6.50	\$ 0.10	1.60%
Fixed Rate Riders	\$ 0.15	1	\$ 0.15	\$ -	1	\$ -	\$ (0.15)	-100.00%
Volumetric Rate Riders	-\$ 0.2010	1	\$ (0.20)	\$ -	1	\$ -	\$ 0.20	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 14.33</b>			<b>\$ 14.61</b>	<b>\$ 0.28</b>	<b>1.98%</b>
Line Losses on Cost of Power	\$ 0.0822	2	\$ 0.18	\$ 0.0822	2	\$ 0.18	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 1.2522	1	\$ (1.25)	\$ 0.1612	1	\$ (0.16)	\$ 1.09	-87.13%
CBR Class B Rate Riders	\$ -	1	\$ -	\$ 0.0292	1	\$ (0.03)	\$ (0.03)	
GA Rate Riders	\$ -	55	\$ -	\$ -	55	\$ -	\$ -	
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 13.26</b>			<b>\$ 14.60</b>	<b>\$ 1.35</b>	<b>10.15%</b>
RTSR - Network	\$ 1.3679	1	\$ 1.37	\$ 1.7243	1	\$ 1.72	\$ 0.36	26.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.9975	1	\$ 1.00	\$ 1.2789	1	\$ 1.28	\$ 0.28	28.21%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 15.62</b>			<b>\$ 17.60</b>	<b>\$ 1.98</b>	<b>12.69%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	57	\$ 0.21	\$ 0.0036	57	\$ 0.21	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	57	\$ 0.02	\$ 0.0003	57	\$ 0.02	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	55	\$ 0.39	\$ 0.0070	55	\$ 0.39	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	36	\$ 2.32	\$ 0.0650	36	\$ 2.32	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	9	\$ 0.89	\$ 0.0950	9	\$ 0.89	\$ -	0.00%
TOU - On Peak	\$ 0.1320	10	\$ 1.31	\$ 0.1320	10	\$ 1.31	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 21.00</b>			<b>\$ 22.98</b>	<b>\$ 1.98</b>	<b>9.44%</b>
HST	13%		\$ 2.73	13%		\$ 2.99	\$ 0.26	9.44%
<b>Total Bill on TOU</b>			<b>\$ 23.73</b>			<b>\$ 25.97</b>	<b>\$ 2.24</b>	<b>9.44%</b>



Customer Class: **STREET LIGHTING SERVICE CLASSIFICATION**

RPP / Non-RPP: **Non-RPP (Other)**

Consumption **90** kWh

Demand **1** kW

Current Loss Factor **1.0394**

Proposed/Approved Loss Factor **1.0394**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.11	1	\$ 1.11	\$ 1.13	1	\$ 1.13	\$ 0.02	1.80%
Distribution Volumetric Rate	\$ 6.6722	1	\$ 6.67	\$ 6.7790	1	\$ 6.78	\$ 0.11	1.60%
Fixed Rate Riders	\$ (0.01)	1	\$ (0.01)	\$ -	1	\$ -	\$ 0.01	-100.00%
Volumetric Rate Riders	-\$ 0.3473	1	\$ (0.35)	\$ -	1	\$ -	\$ 0.35	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 7.42			\$ 7.91	\$ 0.48	6.52%
Line Losses on Cost of Power	\$ 0.1101	4	\$ 0.39	\$ 0.1101	4	\$ 0.39	\$ -	0.00%
Total Deferral/Variance Account Rate Riders Including GA(kW) Rate Riders	-\$ 1.2110	1	\$ (1.21)	\$ 0.3460	1	\$ (0.35)	\$ 0.87	-71.43%
CBR Class B Rate Riders	\$ -	1	\$ -	\$ 0.0307	1	\$ (0.03)	\$ (0.03)	
GA Rate Riders	\$ -	90	\$ -	\$ 0.0001	90	\$ (0.01)	\$ (0.01)	
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 6.60			\$ 7.91	\$ 1.31	19.83%
RTSR - Network	\$ 1.3608	1	\$ 1.36	\$ 1.7154	1	\$ 1.72	\$ 0.35	26.06%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.9770	1	\$ 0.98	\$ 1.2526	1	\$ 1.25	\$ 0.28	28.21%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 8.94			\$ 10.88	\$ 1.94	21.69%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	94	\$ 0.34	\$ 0.0036	94	\$ 0.34	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	94	\$ 0.03	\$ 0.0003	94	\$ 0.03	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	90	\$ 0.63	\$ 0.0070	90	\$ 0.63	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	90	\$ 9.91	\$ 0.1101	90	\$ 9.91	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 20.10			\$ 22.04	\$ 1.94	9.65%
HST	13%		\$ 2.61	13%		\$ 2.86	\$ 0.25	9.65%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 22.71			\$ 24.90	\$ 2.19	9.65%

Customer Class: **RESIDENTIAL SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption **249** kWh

Demand **-** kW

Current Loss Factor **1.0394**

Proposed/Approved Loss Factor **1.0394**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 19.75	1	\$ 19.75	\$ 22.38	1	\$ 22.38	\$ 2.63	13.32%
Distribution Volumetric Rate	\$ 0.0074	249	\$ 1.84	\$ 0.0038	249	\$ 0.95	\$ (0.90)	-48.65%
Fixed Rate Riders	\$ 0.98	1	\$ 0.98	\$ -	1	\$ -	\$ (0.98)	-100.00%
Volumetric Rate Riders	-\$ 0.0005	249	\$ (0.12)	\$ -	249	\$ -	\$ 0.12	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 22.45			\$ 23.33	\$ 0.88	3.90%
Line Losses on Cost of Power	\$ 0.0822	10	\$ 0.81	\$ 0.0822	10	\$ 0.81	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0040	249	\$ (1.00)	-\$ 0.0005	249	\$ (0.12)	\$ 0.87	-87.50%
CBR Class B Rate Riders	\$ -	249	\$ -	-\$ 0.0001	249	\$ (0.02)	\$ (0.02)	
GA Rate Riders	\$ -	249	\$ -	\$ -	249	\$ -	\$ -	
Low Voltage Service Charge	\$ -	249	\$ -	\$ -	249	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Additional Volumetric Rate Riders (Sheet 18)		249	\$ -	\$ -	249	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 23.05			\$ 24.77	\$ 1.72	7.47%
RTSR - Network	\$ 0.0048	259	\$ 1.24	\$ 0.0061	259	\$ 1.58	\$ 0.34	27.08%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	259	\$ 0.93	\$ 0.0046	259	\$ 1.19	\$ 0.26	27.78%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 25.22			\$ 27.54	\$ 2.32	9.19%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	259	\$ 0.93	\$ 0.0036	259	\$ 0.93	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	259	\$ 0.08	\$ 0.0003	259	\$ 0.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
TOU - Off Peak	\$ 0.0650	162	\$ 10.52	\$ 0.0650	162	\$ 10.52	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	42	\$ 4.02	\$ 0.0950	42	\$ 4.02	\$ -	0.00%
TOU - On Peak	\$ 0.1320	45	\$ 5.92	\$ 0.1320	45	\$ 5.92	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 46.94			\$ 49.26	\$ 2.32	4.94%
HST		13%	\$ 6.10		13%	\$ 6.40	\$ 0.30	4.94%
8% Rebate		8%	\$ (3.76)		8%	\$ (3.94)	\$ (0.19)	
<b>Total Bill on TOU</b>			\$ 49.29			\$ 51.72	\$ 2.43	4.94%

## **Appendix E: Global Adjustment Analysis Work Form**



Ontario Energy Board

# GA Analysis Workform

**Update from July 20th Workform version:**  
 -Cells C87,D87,E87, H87 - name of cells updated for cell reference  
 -Cells F88 to F91 and G88 to G91 - formula of cells

**Account 1589 Global Adjustment (GA) Analysis Workform**

Input cells    
 Drop down cells  

Note 1 **Year(s) Requested for Disposition** 2016

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

Year		2016		
Total Metered excluding WMP	C = A+B	892,427,205	kWh	100%
RPP	A	462,035,716	kWh	51.8%
Non RPP	B = D+E	430,391,489	kWh	48.2%
Non-RPP Class A	D	37,352,640	kWh	4.2%
Non-RPP Class B*	E	393,038,849	kWh	44.0%

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



Note 5		Reconciling Items		Amount (Quantify if it is a significant reconciling item)	Explanation		
	Item	Applicability of Reconciling Item (Y/N)					
<b>Net Change in Principal Balance in the GL (i.e. Transactions in the Year)</b>			\$36,499.02				
1a	Remove impacts to GA from prior year RPP Settlement true up process that are booked in current year	Yes	\$92,902.83		Time difference between actual billing of the Non-RPP customers so IT query captures the full proration of the monthly consumption and when the Y/E processes are carried out (Feb 27th)		
1b	Add impacts to GA from current year RPP Settlement true up process that are booked in subsequent year	Yes	\$0.00		Year End process included all cycles billed, and no impact for trues up was required into subsequent year.		
2a	Remove prior year end unbilled to actual revenue differences	No					
2b	Add current year end unbilled to actual revenue differences	No					
3a	Remove difference between prior year accrual to forecast from long term load transfers	Yes	(\$10,877.20)		Time difference between actual billing of the LTLT Settlement with H1 and when the Y/E processes are carried out. Setup accrual for LTLT based on previous year estimate, and true up at time of settlement.		
3b	Add difference between current year accrual to forecast from long term load transfers	Yes	\$6,023.89		Time difference between actual billing of the LTLT Settlement with H1 and when the Y/E processes are carried out. Setup accrual for LTLT based on previous year estimate, and true up at time of settlement.		
4	Remove GA balances pertaining to Class A customers	Yes	(\$0.02)		Class A global adjustment charge each month is billed directly to the one Class A customer of TBH. No variances.		
5	Significant prior period billing adjustments included in current year GL balance but would not be included in the billing consumption used in the GA Analysis	No					
6	Differences in GA IESO posted rate and rate charged on IESO invoice	Yes	(\$364,047.29)		As per regular process, Calculation of differences billed on first estimate, and updated for final rate charges on the IESO Invoice.		
7							
8							
9							
10							
Note 6			Adjusted Net Change in Principal Balance in the GL	(\$239,498.78)			
			Net Change in Expected GA Balance in the Year Per Analysis	(\$289,012.45)			
			Unresolved Difference	\$49,513.68			
			Unresolved Difference as % of Expected GA Payments to IESO	0.1%			
Note 7							
<b>Summary of GA (if multiple years requested for disposition)</b>							
Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K59)	Net Change in Principal Balance in the GL (cell D65)	Reconciling Items (sum of cells D66 to D78)	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	Payments to IESO (cell J59)	Unresolved Difference as % of Expected GA Payments to IESO
2016	-\$ 289,012	\$ 36,499	-\$ 275,998	-\$ 239,499	\$ 49,514	\$ 40,109,950	0.1%
<b>Cumulative Balance</b>	<b>-\$ 289,012</b>	<b>\$ 36,499</b>	<b>-\$ 275,998</b>	<b>-\$ 239,499</b>	<b>\$ 49,514</b>	<b>\$ 40,109,950.33</b>	
<b>Additional Notes and Comments</b>							
<p><b>Brittany Ashby:</b> Confirmed the amount in Cell D92 is the amount which is in the DVA Continuity Schedule of the rate generator and F/S Dec 31 2016. This does not include the Class A - GA.</p>							